Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

State of California Hazard Mitigation Plan

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Appendix A. Definition of Terms and Acronyms



A DEFINITION OF TERMS AND ACRONYMS

0.2 percent-annual-chance flood – a flood that has a 0.2 percent chance of being equaled or exceeded in any given year; often referred to as the 500-year flood (U.S. Geological Survey 2018).

1 percent-annual-chance flood – a flood that has a 1 percent chance of being equaled or exceeded in any given year; often referred to as the 100-year flood (U.S. Geological Survey 2018).

AB – Assembly Bill

Assembly Bill – a draft of a proposed law introduced by a Member of the Legislature (Assembly Bill 4000-AB 4000, Senate Bill 1-SB 1).

ADA – Americans with Disabilities Act

Americans with Disabilities Act – prohibits discrimination against people with disabilities in several areas, including employment, transportation, public accommodations, communications and access to state and local government' programs and services (U.S. Department of Labor 2022).

AFN – Access and Functional Needs

Access and functional needs – individuals with function-based needs (related to a restriction or limited ability to perform activities normally considered routine) that may require assistance before, after, and/or during a disaster or an emergency (Cal OES 2022).

Asset – any human-caused or natural feature that has value, including people; buildings; infrastructure, such as bridges, roads, sewers, and water systems; lifelines, such as electricity and communication resources; and environmental, cultural, or recreational features, such as parks, wetlands, and landmarks.

atmospheric river – long, narrow regions in the atmosphere that transport water vapor. These columns of vapor move with the weather, carrying an amount of water vapor roughly equivalent to the average flow of water at the mouth of the Mississippi River. When the atmospheric rivers make landfall, they often release this water vapor in the form of rain or snow (National Oceanic and Atmospheric Administration 2015).

base flood – the flood having a 1% chance of being equaled or exceeded in any given year, also known as the "100-year" or "1 percent annual chance" flood. The base flood is a statistical concept used to ensure that all properties subject to the National Flood Insurance Program (NFIP) are protected to the same degree against flooding (U.S. Geological Survey 2018).

Basin – the area within which all surface water – whether from rainfall, snowmelt, springs, or other sources – flows to a single water body or watercourse. The boundary of a river basin is defined by natural topography, such as hills, mountains, and ridges. Basins are also referred to as "watersheds" (U.S. Geological Survey 2019a).

benefit – a net project outcome and is usually defined in monetary terms. Benefits may include direct and indirect effects. For the purposes of benefit/cost analysis of proposed mitigation measures, benefits are limited to specific, measurable, risk reduction factors, including reduction in expected property losses (buildings, contents, and functions) and protection of human life (FEMA 2022b).

benefit/cost analysis – a systematic, quantitative method of comparing projected benefits to projected costs of a project or policy. It is used as a measure of cost effectiveness (FEMA 2022b).

BLM – Bureau of Land Management (U.S. Department of the Interior)

Bureau of Land Management - The Bureau of Land Management is an agency within the United States Department of the Interior responsible for administering federal lands (Bureau of Land Management 2022).

BRIC – Building Resilient Infrastructure and Communities

Building Resilient Infrastructure and Communities – this program aims to categorically shift the federal focus away from reactive disaster spending and toward research-supported, proactive investment in community resilience. Examples of BRIC projects are ones that demonstrate innovative approaches to partnerships, such as shared funding mechanisms, and/or project design (FEMA 2022a).

CAL FIRE – California Department of Forestry and Fire Protection

California Department of Forestry and Fire Protection – an emergency response and resource protection department. CAL FIRE protects lives, property and natural resources from fire; responds to emergencies of all types; and protects and preserves timberlands, wildlands, and urban forests (CAL FIRE 2022).

Cal OES – California Governor's Office of Emergency Services

California Governor's Office of Emergency Services – serves as the state's leadership hub during all major emergencies and disasters. This includes responding, directing, and coordinating state and federal resources and mutual aid assets across all regions to support the diverse communities across the state (Cal OES 2022a).

capability assessment – an analysis of a community's capacity to address threats associated with hazards. The assessment includes two components: an inventory of an agency's mission, programs, and policies, and an analysis of its capacity to carry out the mission, programs, and policies (FEMA 2020b).

CBO – community-based organization

CCR – California Code of Regulations

California Code of Regulations – CCR is official compilation and publication of the regulations adopted, amended or repealed by state agencies pursuant to the Administrative Procedure Act (APA). Properly adopted regulations that have been filed with the Secretary of State have the force of law.

CDBG-DR – Community Development Block Grant Disaster Recovery grants (U.S. Department of Housing and Urban Development)

Community Development Block Grant Program – this program has disaster recovery grants to rebuild the affected areas and provide crucial seed money to start the recovery process. These flexible grants help cities, counties, and States recover from Presidentially declared disasters, especially in low-income areas, subject to availability of supplemental appropriations (U.S. Department of Housing and Urban Development 2022).

CEQA – California Environmental Quality Act

California Environmental Quality Act – CEQA is one of California's fundamental environmental laws. The purposes of CEQA are This process is intended to: (1) inform government decisionmakers and the public about the potential environmental effects of proposed activities; (2) identify the ways that environmental damage can be avoided or significantly reduced; (3) prevent significant, avoidable environmental damage by requiring changes in projects, either by the adoption of alternatives or imposition of mitigation measures; and (4) disclose to the public why a project was approved if that project has significant environmental impacts that cannot be mitigated to a less than significant level (Governor's Office of Planning and Research 2022).

CFR – Code of Federal Regulations

Code of Federal Regulations – the CFR is a codification (arrangement of) the general and permanent rules published in the Federal Register by the executive departments and agencies of the federal government (National Archives 2021).

climate action plan – a detailed and strategic framework for measuring, planning, and reducing greenhouse gas emissions and related climatic impacts. Climate action plans, at a minimum, include an inventory of existing emissions, reduction goals or targets, and analyzed and prioritized reduction actions (Institute for Local Government 2022).

climate change – a change in global or regional climate patterns, in particular a change apparent from the mid to late 20th century onwards and attributed largely to the increased levels of atmospheric carbon dioxide produced by the use of fossil fuels (National Geographic 2022).

climate change adaptation – the process of adjustment to actual or expected climate and its effects. In human systems, adaptation seeks to moderate or avoid harm or exploit beneficial opportunities. In some natural systems, human intervention may facilitate adjustment to expected climate and its effects (IPPC SYRAR5-Glossary_en.pdf (ipcc.ch)).

climate change mitigation – a human intervention to reduce the human impact on the climate system; it includes strategies to reduce greenhouse gas sources and emissions and enhancing greenhouse gas sinks (European Environment Agency 2022).

CNRA – California Natural Resource Agency

California Natural Resource Agency – CNRA oversees and supports more than 26 distinct departments, conservancies, and commissions. Their mission is to restore, protect and manage the state's natural, historical and cultural resources for current and future

generations using creative approaches and solutions based on science, collaboration, and respect for all the communities and interests involved (California Natural Resources Agency 2022).

Community Lifelines – as defined by FEMA, a lifeline enables the continuous operation of critical government and business functions and is essential to human health and safety or economic security. There are seven lifeline categories: safety and security; food, water, shelter; health and medical; energy; communications; transportation; and hazardous materials (FEMA 2020).

CRS – Community Rating System

Community Rating System – a voluntary program under the NFIP that rewards participating communities in the form of flood insurance premium discounts for exceeding the minimum requirements of the NFIP and completing activities that reduce flood hazard risk (FEMA 2022c).

critical facilities – facilities and infrastructure that are critical to the health and welfare of the population. These become especially important after any hazard event occurs. Typical critical facilities include hospitals, fire stations, police stations, storage of critical records, and similar facilities; however, what is identified as a critical facility varies by community (FEMA 2020e). For the California SHMP, critical facilities included state-owned and leased facilities (correctional facilities, development centers, hospitals, migrant centers, and special schools), state bridges, state highways, state dams, and state water projects.

CWA – Clean Water Act

Clean Water Act - establishes the basic structure for regulating pollution in U.S. waters. It gives Americans a right to waterways that are clean, biologically intact, and safe for use, and includes an array of protections and programs to reach that goal (California Water Boards 2022).

dam – any artificial barrier that has the ability to impound water, wastewater, or any liquid-borne material, for the purpose of storage or control of water (FEMA 2004a).

dam failure – an uncontrolled release of impounded water due to a partial or complete breach in a dam (or levee) that impacts its integrity (FEMA 2004a).

DART – Disaster Assistance Response Team

Disaster Assistance Response Team – assists communities to handle floodplain management responsibilities after a natural disaster. The DART can assist the local floodplain manager by conducting flood damage reconnaissance, high-water mark data collection, substantial damage estimates, training, and guidance on mitigation actions. The intent of the DART is to help communities expedite response and recovery tasks immediately after the disaster (Association of State Floodplain Managers 2022).

debris flow – fast-moving landslides that are particularly dangerous to life and property because they move quickly, destroy objects in their paths, and often strike without warning. They occur in a wide variety of environments throughout the world, including all 50 states and U.S. Territories. Debris flows generally occur during periods of intense rainfall or rapid snowmelt and usually start on hillsides or mountains. Debris flows can travel at speeds up to and exceeding 35 mph and can carry large items such as boulders, trees, and cars. If a debris flows enters a steep stream channel, they can travel for several miles, impacting areas unaware of the hazard. Areas recently burned by a forest fire are especially susceptible to debris flows, including the areas downslope and outside of the burned area. Debris flows are a type of landslide and are sometimes referred to as mudslides, mudflows, lahars, or debris avalanche (USGS 2022).

DFIRM – Digital Flood Insurance Rate Map

Digital Flood Insurance Rate Map – A Flood Insurance Rate Map (FIRM) is an official map of a community, on which the Federal Insurance Administrator has delineated both the special hazard areas and the risk premium zones applicable to the community. A FIRM that has been made available digitally is called a Digital Flood Insurance Rate Map (DFIRM) (National Archives 2022).

Disaster Mitigation Act of 2000 (DMA; Public Law 106-390) – the latest federal legislation enacted to encourage and promote proactive, pre-disaster planning as a condition of receiving certain federal financial assistance.

disproportionally impacted – a subset of a population or group that, based on sociodemographic characteristics such as age, race, and gender, are unjustifiably experiencing lower outcomes compared to the total population.

diversity – physical, social, and psychological differences between people and groups with multiple subjectivities, perspectives, experiences, backgrounds, and socially constructed differences, such as varied racialized identities, ethnicities, genders, sexualities, access and functional needs, mainstream language access, documentation statuses, Tribal populations (federally recognized and non-federally recognized), Native or Indigenous origins, mental health, age ranges, socio-economic statuses, countries of origin, cultural backgrounds, marital/parental statuses, thinking and communication styles, etc. (Cal OES internal definition).

drought – based on impacts to water users and is a gradual phenomenon, occurring slowly over a period of time. Storage, whether in surface water reservoirs or in groundwater basins, buffers drought impacts and influences the timing of when drought impacts occur. A single dry year isn't a drought for most Californians because of the state's extensive system of water infrastructure and groundwater resources buffer impacts (California Department of Water Resources 2022a).

DSOD – Division of Safety of Dams

Division of Safety of Dams – the Division of Safety of Dams provides oversight to the design, construction, and maintenance of over 1,200 jurisdictional sized dams in California (California Department of Water Resources 2022).

DWR – Department of Water Resources

Department of Water Resources - Department of Water Resources manages California's water resources, systems, and infrastructure, including the State Water Project (California Department of Water Resources 2022)

EAP – emergency action plan, specifically created for California dams by dam owners

earthquake – the shaking of the ground caused by an abrupt shift of rock along a fracture in the earth or a contact zone between tectonic plates (U.S. Geological Survey 2022).

ecosystem services – ecological processes or functions having monetary or non-monetary value to individuals or society at large. These are frequently classified as (1) supporting services such as productivity or biodiversity maintenance, (2) provisioning services such as food, fiber or fish, (3) regulating services such as climate regulation or carbon sequestration, and (4) cultural services such as tourism or spiritual and aesthetic appreciation (U.S. Environmental Protection Agency 2022).

EMAP – Emergency Management Accreditation Program

Emergency Management Accreditation Program – is a voluntary accreditation process based on collaboratively developed national standards. For the 2023 SHMP, the State is seeking EMAP accreditation for the SHMP. The benefits have having an accredited plan includes: providing opportunities to assess preparedness programs against established national standards; demonstrates discipline and accountability in regularly reviewing, maintaining and documenting compliance with standards and best practices; provides a common structure for review and analysis among state and local government programs nationwide; and offers residents evidence of their government's best efforts to comply with national standards and helps define emergency management (FEMA 2004).

epidemic – the spread of an infectious disease beyond a local population, reaching people in a wider geographical area. Several factors determine whether an outbreak will become an epidemic, including the ease with which the disease spreads from vectors, such as animals, to people, and the ease with which it spreads from person to person (Columbia Mailman School of Public Health 2021).

equitable outcomes – an outcome where every individual from every demographic has the opportunity to reach their full potential resulting in more economic opportunity for everyone (Dunbar 2021).

equity – Cal OES identifies that "equity means that all people are justly and fairly included in society and that everyone is able to participate, prosper, and achieve their full potential. It recognizes that everyone enjoys different advantages and faces different challenges, and that everyone should be treated justly and fairly, according to their circumstances," socio-historical experiences, and structurally imposed barriers.

Cal OES prioritizes actions that promote equity, foster community resilience, and protect the most vulnerable and explicitly includes communities that are disproportionately vulnerable to climate impacts.

equity priority actions – action that have and assigned priority that emphasize social equity (Cal OES internal definition).

equity priority communities – populations that bear a disproportionate burden of California's emergency hazards because of a history of being systemically marginalized due to intersecting layers of discrimination, such as structural inequities relating to race, ethnicity, gender, sexuality, access and functional needs, mainstream language access, documentation status, Tribal population experiences (federally recognized and non-federally recognized), Native or Indigenous origins, mental health, age, socio-economic status, countries of origin, religion, etc. (Cal OES internal definition).

ESA – Endangered Species Act

Endangered Species Act - establishes protections for fish, wildlife, and plants that are listed as threatened or endangered; provides for adding species to and removing them from the list of threatened and endangered species, and for preparing and implementing plans for their recovery; provides for interagency cooperation to avoid take of listed species and for issuing permits for otherwise prohibited activities; provides for cooperation with States, including authorization of financial assistance; and implements the provisions of the Convention on International Trade in Endangered Species of Wild Flora and Fauna (U.S. Fish and Wildlife Service 2022).

exposure – the number and dollar value of assets considered to be at risk during the occurrence of a specific hazard.

extent – the size or location of an area affected by a hazard. For hazards that do not have a clearly defined extent, this definition expands to the strength or magnitude, also called the severity, of the hazard. For hazards in this Plan that do not have mapping, extent is addressed by the severity discussion of the hazard profile.

extreme cold – temperatures from winter storms associated with freezing rain, sleet, snow and strong winds that may cause hypothermia or frostbite.

extreme heat – temperatures that hover 10 °F or more above the average high temperature for a region and last for several days.

federal disaster declaration – declarations for events that cause more damage than state and local governments and resources can handle without federal government assistance. A federal disaster declaration puts into motion long-term federal recovery programs, some of which are matched by state programs, to help disaster victims, businesses, and public entities (FEMA 2022k).

FEMA – Federal Emergency Management Agency

Federal Emergency Management Agency - The Federal Emergency Management Agency (FEMA) supports citizens and emergency personnel to build, sustain, and improve the nation's capability to prepare for, protect against, respond to, recover from, and mitigate all hazards (USA.gov 2022).

FERC – Federal Energy Regulatory Commission

Federal Energy Regulatory Commission - is an independent agency that regulates the interstate transmission of natural gas, oil, and electricity. FERC also regulates natural gas and hydropower projects. Their mission is to assist consumers in obtaining reliable, safe, secure, and economically efficient energy services at a reasonable cost through appropriate regulatory and market means, and collaborative efforts (Federal Energy Regulatory Commission 2022).

FHSZ – Fire Hazard Severity Zone

Fire Hazard Severity Zone - the State Fire Marshal is mandated to classify lands within State Responsibility Areas into Fire Hazard Severity Zones (FHSZ). The zones fall into three categories: moderate, high, and very high. The State's seasonally dry Mediterranean climate lends itself to wildfires, and in an effort to better prepare, CAL FIRE is required to classify the severity of fire hazard in areas of California. Maps are developed to represent FHSZ across the State using a science-based and field-tested model that assigns a hazard score based on the factors that influence fire likelihood and fire behavior (Office of the State Fire Marshall 2022).

flash flood – a flood that occurs with little or no warning when water levels rise at an extremely fast rate (National Severe Storms Laboratory 2022).

flood – the inundation of normally dry land resulting from the rising and overflowing of a body of water (National Severe Storms Laboratory 2022).

FIRM – Flood Insurance Rate Map

Flood Insurance Rate Map (FIRM) – the official map on which the Federal Emergency Management Agency delineates the special flood hazard area.

FIRMs for each county in the State can be accessed online: https://msc.fema.gov/portal/advanceSearch

FIS - Flood Insurance Study

Flood Insurance Study – a report published by the Federal Insurance and Mitigation Administration for a community in conjunction with the community's Flood Insurance Rate Map. The study contains such background data as the base flood discharges and water surface elevations that were used to prepare the FIRM. In most cases, a community FIRM with detailed mapping will have a corresponding flood insurance study. FISs for each county in the State can be accessed online: https://msc.fema.gov/portal/advanceSearch

floodplain – the land area along the sides of a river that becomes inundated with water during a flood.

FMA – Flood Mitigation Assistance

Flood Mitigation Assistance - Flood Mitigation Assistance is a competitive grant program that provides funding to states, local communities, federally recognized tribes and territories. Funds can be used for projects that reduce or eliminate the risk of repetitive flood damage to buildings insured by the National Flood Insurance Program (FEMA 2022g).

FMAG – Fire Management Assistance Grants

Fire Management Assistance Grant - Fire Management Assistance Grant (FMAG) Program is available to states, local and tribal governments, for the mitigation, management, and control of fires on publicly or privately owned forests or grasslands, which threaten such destruction as would constitute a major disaster (FEMA 2022e).

FRA – federal responsibility area

freeboard – an additional amount of height above the Base Flood Elevation used as a factor of safety in determining the level at which a structure's lowest floor must be elevated or floodproofed to be in accordance with state or local floodplain management regulations (FEMA 2020c).

frequency – how often a hazard of specific magnitude, duration, and/or extent is expected to occur on average. Statistically, a hazard with a 100-year frequency is expected to occur about once every 100 years on average and has a 1 percent chance of occurring in any given year. Frequency reliability varies depending on the type of hazard considered.

frontline community – community or population that has experienced systemic socioeconomic disparities, environmental injustice, or another form of injustice.

Fujita tornado damage scale – scale for rating tornado wind speeds, estimated on the basis of damage sustained. The scale rates the intensity or severity of tornado events using numeric values from F0 to F5 based on tornado wind speed and damage. An F0 tornado (wind speed less than 73 miles per hour (mph)) indicates minimal damage, such as broken tree limbs; an F5 tornado (wind speeds of 261 to 318 mph) indicates severe damage (Storm Prediction Center 2022).

g – the acceleration associated with gravity; %g is an acceleration calculated as a percentage of the acceleration of gravity.

General Plan – each local government's blueprint for meeting the community's long-term vision for the future (Governor's Office of Planning and Research 2022).

geographic information system (GIS) – computer software that relates data regarding physical and other features on the earth to a database for mapping and analysis (ESRI 2022).

goal – a general guideline that explains what is to be achieved. Goals are usually broad-based, long-term, policy-type statements and represent global visions. Goals help define the benefits that a plan is trying to achieve. The success of a hazard mitigation plan is measured by the degree to which its goals have been met (i.e., by the actual benefits in terms of actual hazard mitigation).

green infrastructure – refers to ecological systems, both natural and engineered, that act as living infrastructure. Green infrastructure elements are planned and managed primarily for stormwater control, but also exhibit social, economic and environmental benefits (Environmental Finance Center 2008).

greenhouse gases – methane, nitrous oxide, and other gases that trap heat and warm the Earth, as a greenhouse traps heat from the sun (Center for Science Education 2022).

ground shaking – the result of rapid ground acceleration caused by seismic waves passing

beneath buildings, roads, and other structures (USGS 2022a).

hazard – a source of potential danger or adverse condition that could harm people and/or cause property damage.

HMA – Hazard Mitigation Assistance

Hazard Mitigation Assistance – a suite of FEMA sponsor grant programs that can fund proactive hazard mitigation plans and projects. These programs include the Hazard Mitigation Grant Program (HMGP), Building Resilient Infrastructure and Communities (BRIC) grant program, and Flood Mitigation Assistance (FMA) grant program (FEMA 2022h).

hazardous material – a substance or combination of substances (biological, chemical, radiological, and/or physical) that, because of its quantity, concentration, or physical, chemical or infectious characteristics, has the potential to cause harm to humans, animals, or the environment, either by itself or through interaction with other factors.

Hazus (Hazards U.S.) – a nationally standardized, GIS-based multi-hazard risk analysis tool developed and distributed by FEMA (FEMA 2022j)

HHPD – High Hazard Potential Dam

High Hazard Potential Dam - High Hazard Potential is a classification standard for any dam whose failure or mis-operation will cause loss of human life and significant property destruction (FEMA 2022n).

high-hazard dam – a dam that can cause loss of human life from the failure or improper operation of the dam

HMGP – Hazard Mitigation Assistance Grant Program

Hazard Mitigation Assistance Grant Program - provides funding to state, local, tribal and territorial governments so they can develop hazard mitigation plans and rebuild in a way that reduces, or mitigates, future disaster losses in their communities. When requested by an authorized representative, this grant funding is available after a presidentially declared disaster (FEMA 2022i).

IA – Individual Assistance

Individual Assistance - FEMA provides assistance to individuals and families who have lost their homes as a result of a presidentially declared disaster, and also helps with other needs such as for disaster-caused childcare, medical expenses or clean-up items (FEMA 2022m).

IBC – International Building Code

International Building Code - the foundation of the complete Family of International Codes®. It is an essential tool to preserve public health and safety that provides safeguards from hazards associated with the built environment. It addresses design and installation of innovative materials that meet or exceed public health and safety goals (International Code Council 2022).

inclusion – Cal OES puts diversity into purposeful and meaningful action and builds a culture of belonging, respect, and connection by actively inviting the contribution and participation of all people.

intensity – the measure of the effects of a hazard

inventory – the assets identified in a planning area that comprise an inventory. Inventories include assets that could be lost when a disaster occurs, and community resources that are at risk. Assets include people, buildings, transportation, and other valued community resources.

ISAA – Information Sharing Access Agreement

IT – information technology

LAO – Legislative Analyst's Office, the California Legislature's nonpartisan fiscal and policy advisor

LiMWA – Limit of Moderate Wave Action

Limit of Moderate Wave Action - marks the inland limit of the Coastal A Zone— the part of the coastal SFHA referenced by building codes and standards where wave heights can be between 1.5 and 3 feet during a base flood event (FEMA 2021).

liquefaction – loosely packed, water-logged sediments losing their strength in response to strong shaking, causing major damage during earthquakes (USGS 2022b).

local government – any county, municipality, city, town, township, public authority, school district, special district, intrastate district, council of governments (regardless of whether the council of governments is incorporated as a nonprofit corporation under State law), regional or interstate government entity, or agency or instrumentality of a

local government; any Indian tribe or authorized tribal organization, or Alaska Native village or organization; and any rural community, unincorporated town or village, or other public entity.

LRA – local responsibility area

magnitude – the measure of the strength of an earthquake.

mitigation – a preventive action taken in advance of an event to reduce or eliminate risk to life or property.

mitigation actions – specific actions to achieve goals and objectives that minimize the effects from a disaster and reduce the loss of life and property.

mph – miles per hour

Mw – Moment Magnitude Scale

Moment Magnitude Scale – scaled based on the total movement release of an earthquake. Moment is a product of the distance a fault moved and the force required to move it. It is derived from modeling recordings of the earthquake at multiple stations. Moment magnitude estimates are about the same as Richter magnitudes for small to large earthquakes (Michigan Tech 2022).

N/A – not applicable

NASA – National Aeronautics and Space Administration

National Aeronautics and Space Administration - established by the National Aeronautics and Space Act of 1958, as amended (42 U.S.C. 2451 et seq.). The mission of the National Aeronautics and Space Administration is to pioneer the future in space exploration, scientific discovery, and aeronautics research (National Archives 2022).

Natech – natural hazards triggering technological accidents

NCEI – National Centers for Environmental Information

National Centers for Environmental Information - uses data to develop scientific products and services that can also be valuable resources for industries affected by weather and climate conditions (National Centers for Environmental Information 2022)

NEHRP – National Earthquake Hazard Reduction Program

National Earthquake Hazard Reduction Program – the mission of NEHRP is to develop, disseminate, and promote knowledge, tools, and practices for earthquake risk reduction—through coordinated, multidisciplinary, interagency partnerships among the NEHRP agencies and their stakeholders—that improve the Nation's earthquake resilience in public safety, economic strength, and national security (National Earthquake Hazards Reduction Program 2022).

NFDRS – National Fire Danger Rating System

National Fire Danger Rating System - a system that allows fire managers to estimate today's or tomorrow's fire danger for a given area. It combines the effects of existing and expected states of selected fire danger factors into one or more qualitative or numeric indices that reflect an area's fire protection needs. It links an organization's readiness level (or pre-planned fire suppression actions) to the potential fire problems of the day (U.S. Forest Service 2022).

NFIP – National Flood Insurance Program

National Flood Insurance Program - provides flood insurance to property owners, renters and businesses, and having this coverage helps them recover faster when floodwaters recede. The NFIP works with communities required to adopt and enforce floodplain management regulations that help mitigate flooding effects (FEMA 2022f).

NOAA – National Oceanic and Atmospheric Administration

National Oceanic and Atmospheric Administration - works to understand and predict changes in climate, weather, oceans, and coasts. Their work supports severe weather preparedness, and international shipping (USA.gov 2022).

NWS – National Weather Service

National Weather Service – provides weather, water and climate data, forecasts, warnings, and impact-based decision support services for the protection of life and property and enhancement of the national economy (National Weather Service 2022).

OAFN – California Office of Access and Functional Needs

OEM – Office of Emergency Management

OES – Office of Emergency Services

Objective – a measurable step you take to achieve a strategy.

PA – Public Assistance

Public Assistance - provides supplemental grants to state, tribal, territorial, and local governments, and certain types of private non-profits so communities can quickly respond to and recover from major disasters or emergencies (FEMA 2022).

pandemic – an epidemic of infectious disease that has spread through human populations across a large region, multiple continents, or worldwide (Columbia Mailman School of Public Health 2021).

peak ground acceleration (PGA) – a measure of the highest amplitude of ground shaking that accompanies an earthquake, based on a percentage of the force of gravity (U.S. Geological Survey 2019).

ppm – parts per million

preparedness – actions that strengthen the capability of government, people, and communities to respond to disasters.

probability of occurrence – a statistical measure or estimate of the likelihood that a hazard will occur. This probability is generally based on past hazard events in the area and a forecast of events that could occur in the future. A probability factor based on yearly values of occurrence is used to estimate probability of occurrence (FEMA 2022l).

PSPS – Public Safety Power Shutdown – an intentional shutdown of electrical power in an area because of hazardous weather conditions which could contribute to the possibility of wildfires

recurrence interval – the inverse of the probability that a given event will be equaled or exceeded in any given year (sometimes called the return period)

redlining – a discriminatory practice in which services are withheld from potential customers who reside in neighborhoods that have significant numbers of racial and ethnic minorities, and low-income residents

repetitive loss property – any NFIP-insured property that, since 1978 and regardless of any changes of ownership during that period, has experienced – Four or more paid flood losses in excess of $1000.00; or two paid flood losses in excess of $1000.00 within any 10-year period since 1978; or three or more paid losses that equal or exceed the current value of the insured property (NFIP/CRS 2015).

resilience – the capacity of people, organizations or systems to adapt to changing conditions and withstand and rapidly recover from disruption due to emergencies (FEMA).

risk – the estimated impact that a hazard would have on people, services, facilities, and structures in a community. Risk measures the likelihood of a hazard occurring and resulting in an adverse condition that causes injury or damage. Risk is often expressed in relative terms such as a high, moderate, or low likelihood of sustaining damage above a particular threshold due to occurrence of a specific type of hazard. Risk also can be expressed in terms of potential monetary losses associated with the intensity of the hazard.

risk assessment – the process of measuring potential loss of life, personal injury, economic injury, and property damage resulting from hazards. This process assesses the vulnerability of people, buildings, and infrastructure to hazards

risk ranking – process to score and rank hazards based on the probability that they will occur and the impact they will have if they do.

riverine – of or produced by a river. Riverine floodplains have readily identifiable channels.

Robert T. Stafford Act (Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 100-707) – the statutory authority for most federal disaster response activities, especially as they pertain to FEMA and its programs. Signed into law November 23, 1988; amended by the Disaster Relief Act of 1974 (Public Law 93-288).

SB – Senate Bill

seiche – a standing wave in an enclosed or partially enclosed body of water, such as a lake, harbor, or reservoir (Pacific Northwest Seismic Network 2022).

SEMS – Standardized Emergency Management System

Standardized Emergency Management System - SEMS is the cornerstone of California's emergency response system and the fundamental structure for the response phase of emergency management. The system unifies all elements of California's emergency management community into a single integrated

system and standardizes key elements (Cal OES 2022).

SFHA – special flood hazard area

Special Flood Hazard Area – areas that will be inundated by the flood event having a 1-percent chance of being equaled or exceeded in any give year (FEMA 2020d)

SHMP – State Hazard Mitigation Plan

significant-hazard dam – a dam that can cause economic loss, environmental damage or disruption of lifeline facilities, or can impact other concerns, but not necessarily loss of life.

SLR – sea level rise

SME – Subject Matter Expert

social vulnerability – as defined by FEMA, is the susceptibility of social groups to the adverse impacts of natural hazards, including disproportionate death, injury, loss, or disruption of livelihood.

SRA – state responsibility area

stakeholder – business leaders, civic groups, academia, non-profit organizations, major employers, managers of critical facilities, farmers, developers, special purpose districts, and others whose actions could impact hazard mitigation.

subsidence – the caving in or sinking of an area of land (U.S. Geological Survey 2022a).

surface fault rupture – an offset of the ground surface when fault rupture extends to the Earth's surface (Pacific Northwest Seismic Network 2022).

sustainability – refers to an over-arching concept within which disaster management takes place. A well-known definition of sustainability comes from the World Commission on Environment and Development, which stated that sustainable development was that which meets the needs of the present without compromising the ability of future generations to meet their own needs. This vision was articulated at a finer level by the National Commission on the Environment, which suggested that sustainability is a strategy for improving the quality of life while preserving the environmental potential for the future, of living off interest rather than consuming natural capital. For purposes of this SHMP, the term "sustainability" adds to these previous definitions the idea of preservation of resources, including physical, social, economic, environmental, historical, and cultural. for the benefit of future generations. One of the paths to sustainability is through investment in strong disaster mitigation.

thunderstorm – a storm with lightning and thunder produced by cumulonimbus clouds. Thunderstorms usually produce gusty winds, heavy rains, and sometimes hail. Thunderstorms are usually short in duration, seldom lasting more than 2 hours.

tornado – a violently rotating column of air extending between and in contact with a cloud and the surface of the earth. Tornadoes are often visible as funnel clouds.

tsunami – a series of waves in a water body caused by the displacement of a large volume of water, generally in an ocean or a large lake.

underserved/underrepresented communities – For the 2023 SHMP, this term has been defined to include communities that include rural communities, Migrant and Seasonal Agricultural Workers, Individuals Living in Group Quarters, Individuals Living in Mobile/Manufactured Homes, and Individuals Living in Mobile/Manufactured Homes

USACE – U.S. Army Corps of Engineers

U.S. Army Corps of Engineers - The Army Corps of Engineers provides public engineering services in peace and war to strengthen national security, energize the economy, and reduce risks from disasters (USA.gov 2022).

USDA – U.S. Department of Agriculture

U.S. Department of Agriculture - The Department of Agriculture provides leadership on food, agriculture, natural resources, and related issues (USA.gov 2022).

US DHS – U.S. Department of Homeland Security

U.S. Department of Homeland Security - The Department of Homeland Security works to improve the security of the United States. The Department's work includes customs, border, and immigration enforcement, emergency response to natural and manmade disasters, antiterrorism work, and cybersecurity (USA.gov 2022).

USDM – U.S. Drought Monitor

U.S. Drought Monitor - The U.S. Drought Monitor (USDM) is a map that is updated each Thursday to show the location and intensity of drought across the country. The USDM uses a five-category system, labeled Abnormally Dry or D0, (a precursor to drought, not actually drought), and Moderate (D1), Severe (D2), Extreme (D3) and Exceptional (D4) Drought. Drought categories show experts' assessments of conditions related to dryness and drought including observations of how much water is available in streams, lakes, and soils compared to usual for the same time of year (National Integrated Drought Information System 2022).

US EPA – U.S. Environmental Protection Agency

U.S. Environmental Protection Agency - The Environmental Protection Agency protects people and the environment from significant health risks, sponsors and conducts research, and develops and enforces environmental regulations (USA.gov 2022).

USFA – U.S. Fire Administration

U.S. Fire Administration - The United States Fire Administration, part of the Federal Emergency Management Agency, works to prepare for, prevent, respond to all hazards (USA.gov 2022).

USGS – U.S. Geological Survey

U.S. Geological Survey - The U.S. Geological Survey is the nation's largest water, earth, and biological science and civilian mapping agency. It collects, monitors, analyzes, and provides scientific understanding of natural resource conditions, issues, and problems (USA.gov 2022).

vulnerability – an assessment of how susceptible an asset is to damage, based on its construction, contents, and the economic value of its functions

watershed – an area that drains downgradient from areas of higher land to areas of lower land to the lowest point.

whole community – term coined by FEMA to support its preparedness initiatives. Whole Community includes Individuals and families, including those with access and functional needs, businesses, faith-based and community organizations, nonprofit groups, schools and academia, media outlets, and all levels of government, including state, local, Tribal, territorial, and federal partners (FEMA 2020a).

Zone X – area determined to be outside the 1 percent and 0.2 percent annual chance floodplains (FEMA 2020d).

zoning ordinance – ordinance that designates allowable land use and intensities for a local jurisdiction.

Appendix B. Equity, Social Vulnerability and Environmental Justice



B EQUITY, SOCIAL VULNERABILITY AND ENVIRONMENTAL JUSTICE

Disasters disproportionately impact historically marginalized and systemically underserved populations. The intersection of location, ability, age, class, race, ethnicity, nationality, gender, sexuality, spoken language, and economic status compounds the lived experience of people impacted by disasters and across all phases of emergency management. Higher-risk populations may face increased difficulties obtaining supplies to prepare for a disaster or may have physical limitations that create barriers when trying to escape danger. Communities with fewer resources, or who have been historically excluded from accessing resources may have had fewer opportunities to undertake projects that will reduce risk to their communities, resulting in more severe impacts when hazard events occur and longer, more costly post-disaster recovery.

Identifying populations and communities with a disproportionately higher vulnerability to impacts from natural hazards equips decision makers with localized data necessary to achieve equitable outcomes. This includes identifying populations based on demographic information such as age, income, and race, as well as identifying communities where data may not be as readily available, such as refugee and undocumented populations.

Equity and Social Vulnerability Definitions

- Socially Vulnerable Populations refers to individuals and groups who have access and functional needs, such as, but not limited to, people without vehicles, people with disabilities, older adults, and people with limited English proficiency (Centers for Disease Control and Prevention n.d.).
- Underserved Communities refers to populations and geographic communities sharing characteristics that have been systematically denied a full opportunity to participate in aspects of economic, social, or civic life (U.S. President. Executive Order 13985 2021).
- Underrepresented Communities refers to populations or groups lacking historical or current representation in decision-making or aspects of economic, social, or civic life.
- Historically Marginalized Communities refers to groups and communities that experience discrimination and exclusion because of unequal power relationships across economic, political, social, and cultural dimensions (National Collaborating Centre for Determinants of Health n.d.).

Often, populations and communities are categorized based on shared characteristics that create barriers to accessing resources, leading to increased vulnerability. An individual or community may face barriers or have characteristics that apply to multiple populations and communities.

B.1 SOCIALLY VULNERABLE POPULATIONS

Social vulnerability is the likelihood of an individual, community, or group to be negatively affected by external stressors, creating barriers to the community's resilience and ability to recover from a disaster or emergency. These external stressors may include access to transportation, access to broadband and reliable communications services, or socioeconomic factors (e.g., income, educational attainment, employment).

The ability of an individual or community to withstand and quickly recover from hazards and threats is critical to ensuring the overall safety of the state. Although emergency managers, first responders, and a host of other organizations play a vital role in protecting public safety, individual and community preparedness are central to the whole community having the ability to adapt and recover from disasters. The same disaster or emergency can impact different populations in different ways. For example, differences in age, income, disabilities, and English proficiency affect people's ability to cope with the effects of disasters. Individuals may also face compounding barriers because they may fall within multiple categories of vulnerability. Studies have indicated that as local hazard damages increase, so does wealth inequality, especially along the lines of race, education, and home ownership (Howell and Elliott 2018).

Examples of Socially Vulnerable Populations (CDC 2020)

- Children (aged 5 years and under) are dependent on others to safely access resources during emergencies.
- Older adults (aged 65 and over) are more likely to lack the physical and economic resources necessary for response to hazard events.
- Economically disadvantaged populations are likely to lack the resources to adequately prepare for and respond to hazards.
- People with disabilities are faced with increased levels of cognitive and physical difficulty, which may reduce their capacity to receive, process, and respond to emergency information and warnings.
- Individuals with limited English proficiency may have difficulty with understanding information being conveyed to them. Cultural differences can also add complexity to how information is being conveyed to populations with limited English proficiency.

B.1.1 Children

Risk is disproportionately higher for children due to their dependency on others to safely access resources during emergencies and the potential for long-term impacts of trauma experienced during a crisis. During an emergency, children may not be able to avoid hazards, make critical decisions for their safety, or communicate with

emergency workers. These vulnerabilities can reach beyond the disaster events. Extended disruptions in education systems during recovery can have lifelong impacts on the developmental capabilities and mental health of children (UNICEF 2016). Additionally, children may experience increased health risks from exposure to hazards. Strategies such as child-centered disaster risk reduction, prioritize preparing and protecting children by focusing on six sectors where children have the highest vulnerabilities, as shown in Figure B-1.

Source: (UNICEF 2016)

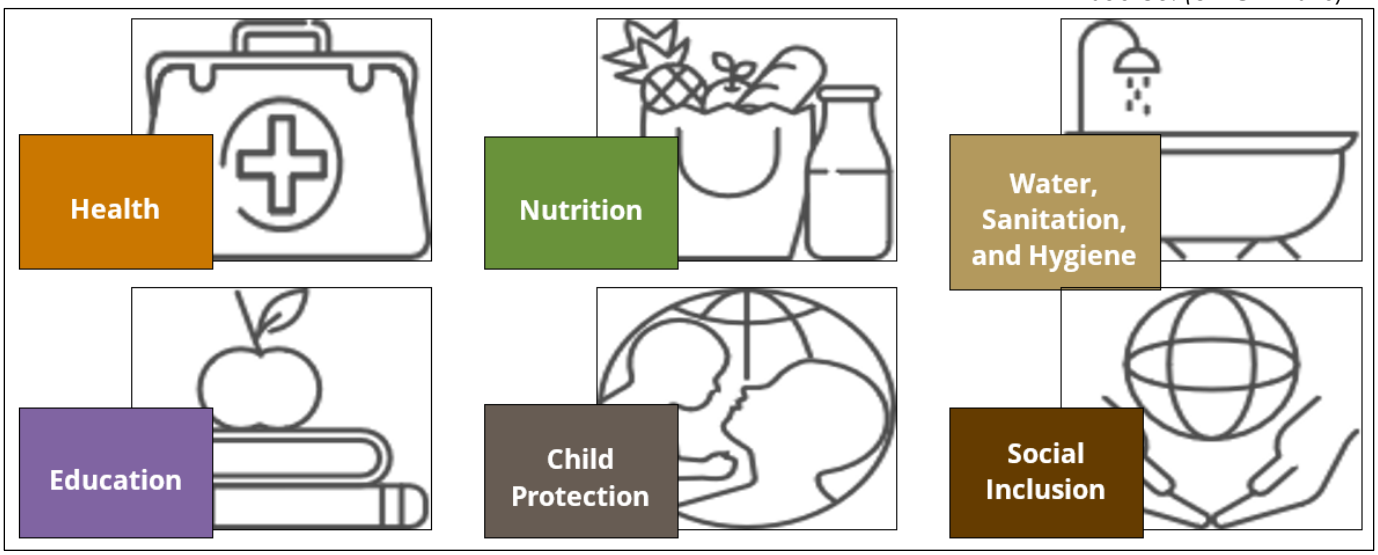


Figure B-1. Sectors in Which Children Have the Highest Vulnerabilities

B.1.2 Older Adults

Adults 65 years old and older are susceptible to increased risks associated with health, finances, mobility, and other factors. Those living on their own may have more difficulty evacuating their homes, and those living in group quarters, such as senior care and living centers, depend on facility operators executing emergency preparedness measures. Older adults may face greater limitations with driving or lack access to transportation and therefore require special evacuation plans. They may have hearing or vision impairments that could make receiving emergency instructions difficult. They may have other medical needs that may be hard to accommodate when evacuating and seeking shelter.

B.1.3 Persons With Disabilities

The Centers for Disease Control and Prevention (CDC) defines a disability as a "condition of the body or mind (impairment) that makes it more difficult for the person with the condition to do certain activities (activity limitation) and interact with the world around them (participation restrictions)" (CDC 2020). These impairments may increase the level of difficulty that individuals face during a hazard event. Cognitive impairments may reduce an individual's capacity to receive, process, and respond to emergency information or warnings. Individuals with a physical or sensory disability may face issues of mobility, sight, hearing, or reliance on specialized medical equipment.

B.1.4 Economically Disadvantaged

Limited finances pose a barrier to obtaining resources and supplies to prepare for emergencies and disasters. Individuals and households facing financial challenges are likely to evaluate their risk and make decisions based on the major economic impact to their family, including determining if they have the financial means to safely evacuate. Day-to-day needs such as food and shelter often take priority over preparing emergency kits or stocking up supplies and food for disasters. Economically disadvantaged individuals and households may require additional support and resources in the areas shown in Figure B-2.



Figure B-2. Areas in Which Economically Disadvantaged Families May Require Assistance

B.1.5 Persons with Limited Access to Transportation

Individuals with limited access to transportation face a higher risk during all phases of an emergency. During emergencies and disasters, public transportation services may be suspended or limited. This creates additional barriers for those who rely on public transportation or those who require specialized transportation due to mobility or medical needs. With people remaining in place during emergencies, first responders may be unable to render assistance due to inaccessible roadways or other conditions present during an emergency or disaster. During the recovery phase of a disaster, people with limited access to transportation experience increased difficulty in accessing employment, healthcare, food, and other essentials.

B.1.6 Limited English Proficiency

Individuals who or do not possess a working proficiency in English may have difficulty understanding information being conveyed to them. Cultural differences can also add complexity to how information is being conveyed to populations with limited English proficiency (Centers for Disease Control and Prevention 2021). In certain instances, translating materials from one language to another without additional cultural context can result in the wrong message being communicated.

B.1.7 Individuals Experiencing Homelessness

Many people lack access to a well-built, permanent residential structure, making them more likely to experience a disaster and more vulnerable to those disasters. Lacking access to a well-built home increases risk of atmospheric hazards such as extreme temperatures, precipitation, and harmful air quality, as well as other disasters such as wildfire and earthquakes. Many people experiencing homelessness rely on public services that can be disrupted during any type of emergency. Many of those vital services are provided in high-density situations, such as community shelters, which can make accessing those services difficult during disease outbreaks. Individuals lacking a permanent or semi-permanent location can be harder to find to provide emergency services, such as evacuation assistance, personal protective equipment, or other infrastructure and services that can help individuals prepare for, respond to, and recover from disasters.

In addition to facing greater risk of experiencing a disaster, people experiencing homelessness have greater vulnerability during disasters. They typically have one or more identities that can make them more vulnerable to disasters than the general population, such as lack of access to economic resources, having access and

functional needs, being part of a historically marginalized community, or having chronic or acute health challenges.

B.2 UNDERSERVED AND UNDERREPRESENTED COMMUNITIES

B.2.1 Rural Communities

In rural communities, the population is widely dispersed, which poses challenges for governments in disseminating critical information during emergencies and disasters. Additionally, individuals living in rural communities may have increased travel times to access resources such as housing, employment, and medical services after a disaster. These communities often rely on volunteer emergency service workers, which can lead to limited service during a wide-spread emergency. If transportation networks are impacted or impassible, these individuals could be completely isolated, and first responders and other service providers may not be able to access these communities.

B.2.2 Migrant and Seasonal Agricultural Workers

Agricultural workers are at a higher risk of no-notice natural disasters because they work outdoors and because of social factors that increase the risk to migrant and seasonal agricultural workers. Language barriers pose a significant challenge for disseminating preparedness and emergency information to many of these workers. Distrust of government and lack of integration into the local community also result in migrant and seasonal agricultural workers being ill-prepared for disasters and localized emergencies and may cause them not to seek medical attention or shelter (Rosenbaum 2018).

B.2.3 Individuals Living in Group Quarters

"Group quarters" refers to people living in communal settings, which can include people experiencing incarceration, students in a dorm, older adults, or individuals with access and functional needs living in group care facilities. The concentration of multiple individuals within one location compounds the impacts of a disaster should the structure incur damage. Where group quarters house individuals with access and functional needs, residents may require additional assistance with evacuating due to mobility or cognitive limitations. It is important to ensure that each group quarters facility has its own emergency plan to account for the unique needs of its residents during a hazard event.

B.2.4 Individuals Living in Mobile/Manufactured Homes

Mobile and manufactured homes can increase physical risks to residents due to their construction. These structures are more vulnerable to damage from many disasters, including wildfire, winds, and earthquakes, and are often more difficult to rebuild after a flood, potentially requiring replacement. Without enough affordable, sustainable housing, mobile and manufactured home residents displaced by disasters may not be able to secure housing. These residents may have to locate farther away from employers, face long-term displacement, relocate out of the area completely, or face homelessness.

B.3 HISTORICALLY MARGINALIZED COMMUNITIES

B.3.1 Black, Indigenous, and People of Color (BIPOC)

BIPOC populations often make up frontline communities, which are "neighborhoods or populations of people who are directly affected by climate change and inequity in society at higher rates than people who have more power in society. They are on the frontlines of the problem." (NAACP 2018). BIPOC communities are likely to be the first to feel the impacts of climate change and disasters. Structural and institutional inequities often create barriers that prevent these populations from being adequately prepared to withstand and recover from a disaster. "Decades of underinvestment and unjust systems have left frontline communities with high levels of poverty and pollution, a lack of quality jobs and education opportunities, outdated and weak critical infrastructure, disproportionately high costs for energy, transportation and basic necessities, and limited access to public services." (The Greenlining Institute 2019).

The social, political, and economic history of a community can have lasting impacts that perpetuate the oppression of BIPOC populations in present day. Discriminatory housing policies, such as redlining, can result in vulnerable BIPOC populations residing in hazard-prone areas or with housing options that are lower quality and do not provide adequate physical protection against natural hazards (NAACP 2018). Redlining is a discriminatory practice in which services are withheld from potential customers who reside in neighborhoods classified as hazardous to investment, often due to significant numbers of racial and ethnic minorities and low-income residents. The historical practice of redlining still has lasting impacts and leads to increased risk and vulnerability of BIPOC communities.

B.3.2 Lesbian, Gay, Bisexual, Transgender, Queer or Questioning, Intersex, Asexual or Ally, and Additional Identities (LGBTQIA+)

Historical discriminatory practices and policies toward LGBTQIA+ communities have lasting impacts on present-day disaster management. These communities may be excluded from safe, affordable housing options and therefore reside in higher-risk, hazard-prone areas with lower-quality housing (NAACP 2018). Access to safe and adequate sheltering is a concern for LGBTQIA+ communities. Some shelters might refuse to accept transgender or gender non-conforming individuals, resulting in these individuals being physically exposed to hazards. When LGBTQIA+ individuals are admitted to a shelter during an emergency, they may face discrimination leading to additional concerns regarding safety and access to medical services. These considerations should be incorporated into State and local sheltering plans.

How Disasters Impact Equity Priority Communities

Equity priority communities are especially vulnerable to hazard events in many different ways:

- When a disaster impacts an area with high rents where multiple families live in one structure, it may be difficult for those not listed on the lease to prove that they were affected by the event. This could result in the lack of access to services.
- Disasters quickly increase the prices of housing and rent, which further displaces people already affected by the event.
- Homelessness can increase.
- It can take days to translate information into languages other than English, hindering communication about evacuations and health and safety alerts.
- Indigenous populations may lose sacred sites. Fisheries and hunting and gathering grounds may be degraded.
- Older adults do not have the mobility many others have, which can slow or prevent evacuation.

Source: (National Academies Press 2020)

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Appendix C. Emergency Management Accreditation Program



C EMERGENCY MANAGEMENT ACCREDITATION PROGRAM

The Emergency Management Accreditation Program (EMAP) is a voluntary program with the intent to evaluate federal, state, local, tribal, and higher education emergency management programs based on a set of 66 standards designed to identify opportunities for continuous improvement. The State of California first received accreditation in 2012 and was reaccredited in 2017.

The *Emergency Management Standard* covers the following topic areas:

- Program Management, Administration and Finance, and Laws and Authorities
- Hazard Identification, Risk Assessment and Consequence Analysis
- Hazard Mitigation
- Prevention
- Operational Planning and Procedures
- Incident Management
- Resource Management, Mutual Aid and Logistics
- Communications and Warning
- Facilities
- Training
- Exercises, Evaluations and Corrective Action
- Emergency Public Education and Information

These areas are evaluated to promote excellence and accountability within the emergency management program and may serve to inform strategic planning, improvement efforts, and resource allocations.

Standards that are inclusive of mitigation efforts include provisions for goal setting and developing Hazard Identification and Risk Assessment (HIRA) and Consequence Analysis. In addition to these components, the standards call for the emergency management program to have a mitigation program that addresses the vulnerabilities identified in the HIRA. Compliance with the hazard mitigation relevant standards in the *2019 EMAP Standard* is demonstrated below.

Standard 4.1.1

The Emergency Management Program identifies the natural and human-caused hazards that potentially impact the jurisdiction using multiple sources. The Emergency Management Program assesses the risk and vulnerability of people, property, the environment, and its own operations from these hazards.

Chapters 6 through 39 of the 2023 State Hazard Mitigation Plan (SHMP) profile 34 natural, meteorologic, biologic, human-caused, and technological hazards impacting the State of California. These hazards were identified based on California's hazard history statewide and locally, climate change projections, stakeholder input, and technical analysis. The identification of hazards is detailed further in Chapter 2, Chapter 4, and Appendix L.

The hazard profiles in Chapters 6 through 39 include an impact and vulnerability analysis to evaluate the risk and vulnerability of people, state-owned and leased property and the environment.

Standard 4.1.2

The Emergency Management Program conducts a consequence analysis for the hazards identified in Standard 4.1.1 to consider the impact on the following:

- Public
- Responders
- Continuity of operations, including continued delivery of services
- Property, facilities, and infrastructure
- Environment
- Economic condition of the jurisdiction
- Public confidence in the jurisdiction's governance.

The Consequence Analysis for each hazard is located in Table C-1.

Standard 4.1.3

The Emergency Management Program has a maintenance process for its Hazard Identification and Risk Assessment (HIRA) identified in Standard 4.1.1 and the Consequence Analysis identified in Standard 4.1.2, which includes a method and schedule for evaluation and revision.

The monitoring, maintenance, and update plan for the 2023 SHMP are detailed in Chapter 45. The strategy to ensure the entire SHMP, including the HIRA and Consequence Analysis, remains current and calls for annual meetings of stakeholders and subject matter experts. During these annual meetings, participants will discuss advances in hazard knowledge, changes in state and federal legislation, and the performance of mitigation projects during hazard events.

Additionally, Cal OES will develop a 5-year maintenance milestone schedule to guide the maintenance and implementation of the SHMP. The schedule is located in Chapter 45 and will be reviewed and updated during each annual meeting.

Standard 4.2.1

The Emergency Management Program has a plan to implement mitigation projects and sets priorities based on loss reduction. The plan:

- is based on the natural and human-caused hazards identified in Standard 4.1.1 and the risk and consequences of those hazards
- is developed through formal planning processes involving Emergency Management Program stakeholders
- establishes short and long-term strategies, actions, goals, and objectives.

The SHMP itself and the goals specified in Chapter 42 and mitigation actions in Chapter 44 of the 2023 SHMP are both developed in a manner to include the *EMAP Standards*, which require a formal planning process to develop a plan to implement mitigation projects and set priorities. The overall SHMP planning process is documented in Section 1.2. The goals are developed in a manner to allow for the development of short- and long-term objectives and mitigation strategies to align with the goal. This method is detailed in Chapter 42.

Standard 4.2.2

The Emergency Management Program documents project ranking based upon the greatest opportunity for loss reduction and documents how specific mitigation actions contribute to overall risk reduction.

The process for prioritizing mitigation actions for inclusion in the 2023 SHMP is documented in Section 44.3. Although all mitigation projects seeking FEMA HMA funding must be included in the SHMP, Cal OES also provides guidelines for reviewing and ranking activities and projects put forth by state agencies, local jurisdictions, tribes, and other eligible entities. This criterion is stated in Section 51.2.

Standard 4.2.3

The Emergency Management Program has a process to monitor the overall progress of the mitigation activities and documents completed initiatives and their resulting reduction or limitation of hazard impact on the jurisdiction.

In addition to the maintenance strategy in Chapter 45, Cal OES follows a three-level assessment process to evaluate the effectiveness of mitigation activities when the

activity is tested by a real-world event. The assessment process includes identifying mitigation activities within the vicinity of the impact area, reviewing the scope of work of identified projects in coordination with subject matter experts, and completing a Loss Avoidance Study to estimate the dollar value of damages that would have occurred if the site or structure remained in its pre-mitigation state. Additional information on the process for documenting losses avoided is available in Section 51.3.

Standard 4.2.4

The Emergency Management Program, consistent with the scope of the mitigation program does the following:

- identifies ongoing mitigation opportunities and tracks repetitive loss
- provides technical assistance in implementing mitigation codes and ordinances
- participates in jurisdictional and multi-jurisdictional mitigation efforts.

California's status as an Enhanced Hazard Mitigation Plan state lends itself to robust interagency coordination and aggressive risk reduction efforts. The State's capabilities include an active NFIP program and widespread community participation in the CRS program to aid in tracking repetitive loss and identifying opportunities for further minimization of the risk. The state's capabilities and efforts aimed at reducing vulnerability and building resilience are described throughout the SHMP and, more specifically, in Chapters 43, 48, 49, and 50.

Standard 4.2.5

The Emergency Management Program has a maintenance process for the plan identified in Standard 4.2.1, which includes a method and schedule for evaluation and revision.

The process for monitoring, maintaining, and updating the SHMP is inclusive of the process for updating the HIRA and Consequence Analysis described previously. The process is detailed in Chapter 45. The strategy to ensure the entire SHMP remains current calls for annual meetings of stakeholders and subject matter experts. During these annual meetings, participants will discuss advances in hazard knowledge, changes in state and federal legislation, and the performance of mitigation projects during hazard events.

Additionally, Cal OES will develop a 5-year maintenance milestone schedule to guide the maintenance and implementation of the SHMP. The schedule is located in Chapter 45 and will be reviewed and updated during each annual meeting.

Table C-1. Consequence Analysis

Subject	Impacts
Air Pollution	
Public	CARB identifies about 200 toxic air contaminants that may cause serious, long-term effects, such as cancer, even at low levels. Most toxic air contaminants have no known safe levels, and some may accumulate in the body from repeated exposures. Air monitoring in California shows over 90 percent of residents breathe unhealthy levels of one or more air pollutants during some part of the year (California Air Resources Board 2022).
Responders	First responders may experience an increase in calls for service to perform welfare checks; provide care to people experiencing a respiratory medical emergency; and support overall public safety efforts during an air pollution event. Responders will face increased exposure due to the need to respond to these events and require equipment to remain safe.
Continuity of operations (including continued delivery of services)	Public services may be interrupted when a building's ventilation system cannot filter the air, and the building is subsequently closed.
Property, Facilities, and Infrastructure	Some air pollution, such as acid rain, can corrode building materials, requiring costly structural repairs. When outdoor air is polluted, ventilation systems may not be able to filter the air coming inside, posing a health risk to people inside (World Green Building Council 2022). All structures have the potential to be exposed to air pollution.
Environment	Several secondary effects of air pollution that would negatively impact the environment include acid rain, which could cause damage to trees, soils, crops, and water bodies (eutrophication); harm to wildlife due to concentrations of air toxins.
Economic Condition of the State	The State may experience economic losses during air pollution events due to people modifying their normal behaviors, such as visiting businesses, due to poor air quality.
Public Confidence in State Governance	The state's management of response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust
Civil Disorder	
Public	Civil disorder incidents can lead to injury or death for involved persons and innocent bystanders. The number of people exposed to a civil disorder depends on the population density and the location of the civil disorder. Increases in population or the hosting of major political, economic, or social events could increase the likelihood and severity of a civil disorder incident (Monroe County 2017)
Responders	If a civil disorder event turns violent, it can lead to injury or death for personnel responding to the incident.

Subject	Impacts
Continuity of operations (including continued delivery of services)	State-owned or leased facilities are often targets of civil disorders, making them more vulnerable to the effects of these events. They often become the focus of these types of events and disruptions in service may occur, resulting in utility failure and transportation interruption (Monroe County 2017).
Property, Facilities, and Infrastructure	State-owned or leased facilities are often targets of civil disorders, making them more vulnerable to the effects of these events. They often become the focus of these types of events. Critical facilities and community lifelines can become targets during civil unrest, resulting in utility failure and transportation interruption (Monroe County 2017).
Environment	Civil unrest can result in environmental impacts, but they are likely to be limited (Juniata County 2001). Fires that are started during civil unrest events can spread throughout cities, burning through areas that may include natural resources or hazardous materials and facilities (Monroe County 2017).
Economic Condition of the State	Fires set by protesters can spread through communities, damaging homes and businesses.
Public Confidence in State Governance	The perception of how well the state responds to and recovers from civil disorder will directly impact the public's confidence in state governance. Indications that the State was not well prepared and equipped to manage the response and recovery process will harm the state's reputation. Counter to that, a well-executed response and proper management of the event will boost public confidence in state governance. A well-executed response to a civil disorder incident may include preventing violence, restoring services, making repairs promptly, and ensuring community concerns are heard.
Cyber Threats	
Public	Cyber threats can vary in severity based on the systems affected by an attack, the warning time, and the ability to preempt an attack (CISA 2020). These factors impact the potential for a cyber-attack to have impacts on public health and safety, national security, economic security, foreign relations, civil liberties, and public confidence. Impacts to the public ranges from being inconsequential to resulting in an imminent threat to services, government stability, and life.
Responders	Responders may be susceptible to their computer systems also being a target for cyber-attacks; however, no direct physical impacts are anticipated.
Continuity of operations (including continued delivery of services)	The systems within state-owned and leased facilities may serve as targets for cyber-attacks. Cyber-attacks on these systems can potentially disrupt daily operations and electronic functions throughout the state. These disruptions could last several months, and state agencies may lose access to their systems.

Subject	Impacts
Property, Facilities, and Infrastructure	While the physical structures of the buildings are typically not at risk, information systems and data storage within those buildings are vulnerable. Computer networks may contain sensitive information and data, making them targets for cyber-attacks.
Environment	Cyber threats generally do not have direct impacts on the environment; however, computer system failures have the potential to result in hazards such as energy outages at wastewater treatment plants resulting in the release of untreated effluent; hazardous materials release; oil spills; and impacts to gas pipes.
Economic Condition of the State	A large-scale cyber incident could lead to significant economic losses to impacted state departments and agencies, businesses, and other industries.
Public Confidence in State Governance	The state's management of preparedness, response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust
Dam Failure	
Public	Dam failure can significantly impact the public based on the warning time, size, and location of the dam. The public is at risk of injury, loss of life, and destruction and loss of property due to flooding caused by dam failure.
Responders	Responders may be faced with assisting with evacuation for dam failure incidents that have sufficient warning for evacuation. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	The impacts on the continuity of operations would be limited unless a facility or critical infrastructure component is within the dam failure inundation zone associated with the dam failure. Delivery of services may be slowed or halted in adjacent areas if key roadways become impassable due to flooding or debris blockages.
Property, Facilities, and Infrastructure	Transportation routes, including bridges and highways, are vulnerable to dam inundation and can potentially be wiped out, creating isolation issues.
Environment	Dam failures can cause downstream flooding and transport large volumes of sediment and debris. Other environmental impacts include pollution from septic system failures; pollution of potable water supplies; changes in configurations of streams; loss of wildlife habitats; and degradation of wetlands (FEMA 2012).
Economic Condition of the State	Flooding resulting from dam failure can cause widespread damage to businesses and property. The estimated potential damage to state-owned and leased facilities ranges from $146.4 million for a flood depth of one foot to $1.5 billion for a flood depth of 14 feet.

Subject	Impacts
Public Confidence in State Governance	If a dam failure occurs on a dam owned and operated by the State, public confidence is likely to decrease. Additionally, any dam failure event may result in a decline in public confidence as the state is responsible for evaluating and ensuring the safety of dams. In addition, the success of proper notification to community members may impact how the public views the state's ability to manage these events.
Drought	
Public	Droughts cause public health and safety impacts associated with water shortage risks for small rural water systems and private residential wells. The public may be subjected to water rationing, limited availability of water sources, increased risk of wildfire, and scarcity of fresh, local foods.
Responders	Secondary impacts from droughts, such as wildfires, would increase the impacts on responders. In the event of a wildfire, responders may be called upon to assist with evacuation, close roads, and provide care to injured members of the public. As a result, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	Impacts to the continuity of operations are limited. Organizations responsible for providing potable water may experience disruptions in water supplies.
Property, Facilities, and Infrastructure	Drought events generally do not impact buildings. No structures are anticipated to be directly affected by a drought, and all are expected to be operational during a drought event. However, facilities that provide potable water may be affected by short water supplies.
Environment	Drought can create hazardous conditions in forests and other vegetation-covered spaces, fueling wildfires (Legislative Analyst's Office 2022). Droughts can also create more prolonged fires fueled by excessively dry vegetation and reduced water supply for firefighting (NOAA - NIDIS n.d.). Droughts put stress on trees and make them more susceptible to pest infestations. This, in turn, can lead to more diseased, dying, and dead trees (Legislative Analyst's Office 2022). An increase in groundwater pumping may lead to subsidence and dimmish water quality.
Economic Condition of the State	Drought can impact the economy, including loss of business function and damage and loss of inventory. The following economic impacts may include loss of crops, livestock, timber, and aquaculture production; loss of recreational and tourism opportunities; and increased energy costs.
Public Confidence in State Governance	Long-term severe droughts may cause public confidence to decline if state-led water utilities cannot provide adequate and continuous water service. Additionally, public confidence may be impacted by the state's decision to enact or not enact rations on water usage.

Subject	Impacts
Earthquake	
Public	Earthquakes pose a significant threat to the public. The public may sustain injuries from collapsing structures, falling materials, and damaged utilities. Additionally, the public is at risk of loss of life.
Responders	Responders face risks related to injury and loss of life from aftershocks while responding to assist with managing an earthquake event.
Continuity of operations (including continued delivery of services)	Earthquakes can have significant impacts that result in damage to structures, roads, and utilities. Depending on the sustained damage, it may take several days, weeks, or months to make necessary repairs. During this time, there may be a disruption to state services.
Property, Facilities, and Infrastructure	Ground shaking from earthquakes can cause buildings and bridges to collapse; disrupt utility services; and trigger landslides, avalanches, flash floods, fires, and tsunamis (Waikato Region Emergency Management 2015). State and federal infrastructure (roads, highways, dams, and state water projects) located in areas with liquefaction zones or on NEHRP Soil Types D and E can experience extensive cracking, rip apart, settle, and slough during an earthquake.
Environment	Earthquake-induced landslides can significantly damage the surrounding habitat. It is also possible for earthquakes to reroute streams, which can change the water quality, possibly damaging habitat and feeding areas. Streams fed by groundwater and/or springs may dry up because of changes in underlying geology. Another threat to the environment from earthquakes is the potential release of hazardous materials
Economic Condition of the State	Earthquakes can cause damage and the loss of infrastructure that supports agricultural production, storage, and transport. Damage to major hubs, including ports, may have more substantial impacts. The annualized earthquake loss for the state was last estimated in 2016 to be $3.7 billion.
Public Confidence in State Governance	The state's management of response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust
Electromagnetic Pulse Attack	
Public	The public is at risk of losing all means of electronic communication, water and wastewater services, gas, and other critical services dependent on electricity. Persons dependent on life-sustaining equipment powered by electricity are at a higher risk of impacts from an EMP attack.
Responders	Responders' dependence on electronic communication equipment such as radios among other equipment puts them at a higher risk of losing communication capabilities during an EMP attack.

Subject	Impacts
Continuity of operations (including continued delivery of services)	An EMP attack could disrupt critical infrastructure in the state, including the electrical grid, communication equipment, water and wastewater systems, and modes of transportation (Graham 2022). Other systems such as the 911 call systems and dispatch centers, hospitals and health care, among others could also be affected.
Property, Facilities, and Infrastructure	System failures caused by an EMP attack could impact the structure or its contents.
Environment	There are no known environmental impacts from EMP attacks.
Economic Condition of the State	An EMP attack could result in economic losses due to the loss of electricity and transportation during an event.
Public Confidence in State Governance	The state's management of preparedness, response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust
Energy Shortage	
Public	Rolling blackouts during severe weather events can impact hundreds of thousands of Californians (Ronayne 2022). Prolonged power outages can result in loss of life or health complications for persons dependent on life-sustaining equipment powered by electricity.
Responders	Responders may be faced with conducting welfare checks, closing roads, assisting injured members or the public, and managing the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	Nearly all state-owned and leased facilities rely on electricity to operate and provide essential services. Energy shortages can disrupt communications, water and wastewater treatment facilities, transportation systems, and other government functions.
Property, Facilities, and Infrastructure	Energy shortage events are not likely to result in any losses associated with property, facilities, and infrastructure damage.
Environment	Higher energy demand will result in more land being necessary for power facilities which could impact wildlife and open space. Solar developers require a minimum of 10 acres for a project, but at least 200 acres of land is necessary for a utility-scale project (YSG Solar 2021).
Economic Condition of the State	Energy shortages may cause a reduction in employment and wholesale and retail sales, a need for utility repairs, and increased medical risks. Local governments might lose tax revenues, and the finances of private utility companies and the businesses that rely on them would be disrupted.

Subject	Impacts
Public Confidence in State Governance	The state's management of preparedness, response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Epidemic/Pandemic/Vector Borne Disease	
Public	Widespread sickness and loss of life can result from epidemics, pandemics, and vector-borne diseases. Disease outbreaks reaching pandemic proportions can cause social impacts on a global scale (Shang, Li and Zhang 2021). For example, civil disorder, protests, depression, and anxiety are a few of the social impacts of the COVID-19 pandemic.
Responders	Burnout and workforce shortages among first responders and public health and healthcare workers may be seen.
Continuity of operations (including continued delivery of services)	Health hazard events are not likely to result in any losses associated with damage or impairment to state assets. All losses from this hazard would be associated with impacts on operations and the economy.
Property, Facilities, and Infrastructure	The most significant impact on critical facilities would be the increase in hospitalization and emergency room visits resulting from a health hazard event. This would create a greater demand on these critical facilities, their staff, and resources.
Environment	Epidemics, pandemics, and vector-borne diseases can be directly or indirectly tied to environmental impacts. Demand for single-use plastics to mitigate the spread of disease and increased waste generated by hospitals has negative environmental impacts. Powerful disinfectants end up in water supplies. Microplastics from degrading personal protective equipment (e.g., masks, gloves) can contribute to high concentrations found in fish, water, sediments, soils, and the air (Hartman 2021).
Economic Condition of the State	Potential statewide economic impacts include unemployment, price increases, and supply chain interruptions (Center on Budget and Policy Priorities 2022). Significant economic disruption can occur due to death, loss of work time, food insecurity, and costs of treating or preventing the spread of the virus or disease.
Public Confidence in State Governance	The state's management of preparedness, response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust

Subject	Impacts
Extreme Cold or Freeze	
Public	The public may face impacts related to loss of life, illnesses, hypothermia, frostbite, and economic costs in transportation, agriculture, energy, and infrastructure. Persons experiencing higher social vulnerability may face more significant barriers to heating their homes. Using space heaters and fireplaces increases the risk of household fires and carbon monoxide poisoning. Persons experiencing homelessness face an increased risk as they are directly exposed to the hazard.
Responders	First responders will experience increased calls for service to perform welfare checks; provide care to people experiencing a medical emergency; and support overall public safety efforts during extreme cold or freeze events. Responders will face increased exposure due to the need to respond to these events and will require equipment to remain safe.
Continuity of operations (including continued delivery of services)	The impacts on continuity of operations would be limited unless a facility or critical infrastructure component is compromised, such as freezing and bursting pipes, due to cascading impacts from extreme cold or freeze.
Property, Facilities, and Infrastructure	Cold temperatures can freeze pipes, causing them to burst and create water leaks and water supply issues. Infrastructure such as roads and utilities are at risk to freezing temperatures, causing failures and hazardous road conditions (California Office of Traffic Safety 2022).
Environment	Freezing and warming weather patterns create changes in natural processes. An excess snowfall followed by early warming periods may affect natural processes such as the flow of water resources.
Economic Condition of the State	Extreme cold and freeze events can be costly due to impacts on resources for response, transportation, utilities, and crop damage. Economic hardship can be caused by loss of revenue and increased costs of necessary supplies.
Public Confidence in State Governance	The state's management of response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Geomagnetic Storm (Space Weather)	
Public	Potential impacts to the public include secondary impacts due to the loss of communications and transportation.
Responders	During events known as radio blackout storms, solar flares can produce strong x-rays that degrade or block high-frequency radio waves used for radio communication.

Subject	Impacts
Continuity of operations (including continued delivery of services)	Space weather events could result in disruptions to transportation systems and communications systems. Sectors particularly vulnerable to space weather impacts include electric power transmission, HF radio communications, satellite communications, satellite drag, and GPS systems (Space Weather Operations, Research, and Mitigation Working Group 2019).
Property, Facilities, and Infrastructure	Space weather may negatively impact the power grid and other electric-powered infrastructure.
Environment	There are no known environmental impacts from space weather.
Economic Condition of the State	Although the risk of impact from space weather is small, California has many systems in its built environment which could be affected severely.
Public Confidence in State Governance	The state's management of response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Hazardous Materials Release	
Public	Exposure to hazardous materials releases may cause short- and long-term health impacts such as difficulty breathing and eye, nose, throat, and lung irritation.
Responders	Responders may be faced with assisting with evacuation for a hazardous materials incident. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	In the event of a hazardous materials release at or near a state asset, state employees may need to evacuate a building, resulting in productivity loss that can be measured by days and dollar equivalency.
Property, Facilities, and Infrastructure	State assets near facilities that store or process hazardous materials or transportation corridors that permit the transport of hazardous materials have increased risks. Hazardous material releases may lead to road closures until response and cleanup efforts are completed. This may impact access to communities, commuting to work, and the ability to deliver goods and services efficiently.
Environment	Hazardous releases can significantly harm wildlife in the surrounding area. The contamination also can make its way up the food chain, affecting the food supply. Open water and wetland environments experience significant exposure to hazardous materials events, which may indicate a loss of ecosystem services (OECD n.d.).
Economic Condition of the State	The cost of recovery and cleanup from a hazardous materials release can cause economic hardship. The extent of hardship will depend on the severity of the event.

Subject	Impacts
Public Confidence in State Governance	The state's management of response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Invasive and Nuisance Species	
Public	Invasive and nuisance species may carry diseases and impact public health.
Responders	There are no anticipated impacts to responders from invasive and nuisance species.
Continuity of operations (including continued delivery of services)	There are no anticipated impacts to the continuity of operations from invasive and nuisance species.
Property, Facilities, and Infrastructure	Some species can impact vegetation and can result in stream bank instability, erosion, and increased sedimentation, impacting ground stabilization and possibly causing foundation issues for nearby structures. If species cause trees and other vegetation to die, there is an increased risk of damage to roadways, powerlines, buildings, and wildfire.
Environment	Invasive species can threaten native species, biodiversity, ecosystem services, recreation, water resources, agricultural and forest production, cultural resources, economies and property values, public safety, and infrastructure (United States Department of Agriculture, Forest Service n.d.). Tree mortality is a clear secondary hazard related to invasive and nuisance species. As vegetation dies or becomes stressed and weakened by pests such as bark beetles, available fuel and high-intensity wildfires increase (CAL FIRE 2019).
Economic Condition of the State	Agricultural production could be severely impacted by invasive species and result in significant economic losses. Damage to crops from invasive and nuisance species can cause substantial increases in food prices and food insecurity among low-income communities (Paini, Dean R.; Sheppard, Andy W.; Cook, David C. 2016).
Public Confidence in State Governance	The state's management of response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Landslide, Debris Flow, and other Mass Movements	
Public	According to the USGS, slope failures in the United States result in an average of 25 to 50 lives lost per year. The public is at risk of injury and loss of life from landslides, debris flow, and other mass movements.
Responders	Responders may be faced with assisting with evacuation in areas impacted by landslide, debris flow, and other mass movements. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.

Subject	Impacts
Continuity of operations (including continued delivery of services)	The impacts on continuity of operations would be limited unless a facility is within an impacted area. Delivery of services may be slowed or halted in these areas if key roadways become impassable due to flooding.
Property, Facilities, and Infrastructure	Landslides can pose a serious hazard to properties on or below hillsides. When landslides occur, they deform and tilt the ground surface. The result can be the destruction of foundations, offset of roads, breaking of underground pipes, or overriding of downslope property and structures.
Environment	A landslide alters the landscape. In addition to changes in topography, vegetation and wildlife habitats may be damaged or destroyed, and soil and sediment runoff will accumulate downslope, potentially blocking waterways and roadways and impairing the quality of streams and other water bodies. Landslides that fall into streams may impact fish and wildlife habitats and affect water quality. Hillsides that provide wildlife habitat can be lost for prolonged periods due to landslides.
Economic Condition of the State	Impacts to business and transportation networks can result in disruptions lasting several days, weeks, or months.
Public Confidence in State Governance	The state's management of response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Levee Failure	
Public	A levee system failure or overtopping can create severe flooding and high-water velocities that cause injury or loss of life. Receding flood waters can leave behind stagnant pools that provide breeding grounds for mosquitoes, which can transmit diseases.
Responders	Responders may be faced with assisting with evacuation for levee failure incidents that have sufficient warning for evacuation. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	The impacts on continuity of operations would be limited unless a facility or critical infrastructure component is within the levee failure area. Delivery of services may be slowed or halted in adjacent areas if key roadways become impassable due to flooding or debris blockages.
Property, Facilities, and Infrastructure	Critical infrastructure failures such as loss of power, potable and wastewater treatment, and road and bridge failures can be caused by levee failure events, depending on the magnitude of the resulting flood.

Subject	Impacts
Environment	Wildlife and fish can be impacted if flood waters from a levee failure destroy or fundamentally alter plant communities and thus reduce habitat. Floodwaters can also erode riverbanks and convey sediment to locations where it can clog riverbeds and streams, smother aquatic organisms, and destroy habitats.
Economic Condition of the State	A significant levee failure event would be costly for state and local governments in terms of emergency response, delivery of services, disaster cleanup, and future mitigation projects. Some of the costs could be recouped through federal grant reimbursements, but local governments would still feel the fiscal impact of a major event.
Public Confidence in State Governance	If a levee failure occurs on a levee owned and operated by the State, public confidence is likely to decrease. Additionally, any levee failure event may result in a decline in public confidence as the state is responsible for evaluating and ensuring the safety of dams and levees. In addition, the success of proper notification to community members may impact how the public views the state's ability to manage these events.
Natural Gas Pipeline Hazards	
Public	Natural gas is highly flammable and toxic to inhale, so exposure to any population can have costly and deadly impacts. A pipeline explosion or other incident resulting in property damage may displace residents or businesses for a prolonged period. This could create a need for long-term emergency housing or financial support.
Responders	Responders may be faced with assisting with evacuation for natural gas pipeline incidents that have sufficient warning for evacuation. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	The impacts on continuity of operations would be limited unless a facility or critical infrastructure component is within the levee failure area. Delivery of services may be slowed or halted in adjacent areas if the facilities depend on the natural gas pipeline.
Property, Facilities, and Infrastructure	Impacts to facilities are likely to be limited unless the facility is located within the impact area.
Environment	Burning any fossil fuel, including natural gas, emits greenhouse gases into the atmosphere and contributes to climate change. Burning natural gas produces nitrogen oxides, which contribute to smog and acid rain.
Economic Condition of the State	Impacts to business and transportation networks can result in disruptions lasting several days, weeks, or months.
Public Confidence in State Governance	The state's management of response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust.

Subject	Impacts
Oil Spills	
Public	Oil spills can threaten public health and quality of life due to the contamination of drinking water supplies, environmental degradation, and economic impacts.
Responders	Those assisting with cleaning up oil spills can be exposed to oil byproducts, dispersants, detergents, and degreasers. Drowning, heat-related illnesses, and falls are potential hazards to those cleaning up (OSHA 2010).
Continuity of operations (including continued delivery of services)	Depending upon the incident, state employees may need to evacuate the area if exposure may impact human health. This may result in a loss of productivity that can be measured by days and dollar equivalency.
Property, Facilities, and Infrastructure	In terms of facility-related and property damage, damage may include contaminated soil, groundwater, and nearby waterbodies.
Environment	A spill can result in habitat loss from the physical oil slick or the release of chemicals into an area (Environmental Pollution Centers 2022). Similarly, individual organisms can be directly affected as layers of oil can prevent thermoregulation, respiration, feeding, or mobility. They can also be affected by the chemicals released that act as toxins to the organism, leading to stunted growth, heart damage, immune system effects, and death (NOAA 2020).
Economic Condition of the State	The environmental impacts of oil spills contribute to short- and long-term effects on economic activities in the affected areas. Moratoriums may be temporarily imposed on fisheries, and tourism may decline in beach communities (ITOPF 2022), resulting in economic hardship for individuals dependent on those industries for their livelihood and the economic health of the community as well. Large spill cleanup and remediation activities may cost millions of dollars, and impacts can last for years (World Socialist Web Site 2021).
Public Confidence in State Governance	The state's management of response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Other Potential Causes of Long Term Electrical Outages	
Public	Prolonged power outages can result in loss of life for persons dependent on life-sustaining equipment powered by electricity.
Responders	Responders may be faced with conducting welfare checks, closing roads, assisting injured members or the public, and managing the overall incident. Due to these activities, responders may face an increased risk of personal injury.

Subject	Impacts
Continuity of operations (including continued delivery of services)	Nearly all state-owned and leased facilities rely on electricity to operate and provide essential services. Energy shortages can disrupt communications, water and wastewater treatment facilities, transportation systems, and other government functions.
Property, Facilities, and Infrastructure	Power outage events are not likely to result in any losses associated with damage to property, facilities, and infrastructure.
Environment	Higher energy demand will result in more land being necessary for power facilities which could impact wildlife and open space. Solar developers require a minimum of 10 acres for a project, but at least 200 acres of land is necessary for a utility-scale project (YSG Solar 2021).
Economic Condition of the State	Power outages are likely to be short-term and not result in significant economic impacts.
Public Confidence in State Governance	The state's management of response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Public Safety Power Shutoff	
Public	Prolonged power outages can result in loss of life for persons dependent on life-sustaining equipment powered by electricity.
Responders	Responders may be faced with conducting welfare checks, closing roads, assisting injured members or the public, and managing the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	Nearly all state-owned and leased facilities rely on electricity to operate and provide essential services. Energy shortages can disrupt communications, water and wastewater treatment facilities, transportation systems, and other government functions.
Property, Facilities, and Infrastructure	Because these power outage events are usually scheduled and affected areas are usually given advanced notice, minimal loss associated with damage to property, facilities, and infrastructure is likely to occur. Depending on the length of the interruption, some systems, including older ones, may take time to restart or be adversely affected by the power disruption.
Environment	The environment is usually not exposed to power outages unless it results in a spill that contaminates water or open land or creates a wildfire.
Economic Condition of the State	Power outage events are not likely to result in any losses associated with damage to property, facilities, and infrastructure.
Public Confidence in State Governance	The state's management of response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust.

Subject	Impacts
Radiological Accidents	
Public	In the event of an accident, those living and working within a 10-mile radius of the nuclear power plant could be more vulnerable to health and safety impacts from the accident.
Responders	Responders within a 10-mile radius of a radiological accident may be exposed to radioactive materials. In addition, responders may be faced with assisting with evacuation, closing roads, providing medical care to members of the public, and managing the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	The impacts on continuity of operations would be limited unless a facility or critical infrastructure component is within the impact area. Delivery of services may be slowed or halted in adjacent areas.
Property, Facilities, and Infrastructure	Impacts to facilities are likely to be limited unless the facility is located within the impact area.
Environment	The impact on the environment will depend on where the event is located and the extent of radiological materials released. Animals, plants, and other wildlife in the surrounding areas of the event can see devastating impacts. Radiation pollution within waterways also accumulates within fish and other aquatic organisms, and runoff from radiation within the soil provides additional contamination (Sciencing 2021).
Economic Condition of the State	A radiological accident could cause regional disruption to transportation networks and businesses.
Public Confidence in State Governance	The state's management of response and recovery efforts will influence public trust. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Riverine, Stream, and Alluvial Flood	
Public	Persons residing in the 100-year floodplain are the most at risk of impacts from flooding. Flooding can cause injury, loss of life, destruction, and property loss. Flood waters may carry containments impacting public health, and slowly receding floodwaters may harbor disease-carrying insects.
Responders	Responders may be faced with assisting with evacuation for flood events. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	The impacts on the continuity of operations would be limited unless a facility is within a flood hazard area or is directly impacted by flood waters. Delivery of services may be slowed or halted in these areas if key roadways become impassable due to flooding.

Subject	Impacts
Property, Facilities, and Infrastructure	Infrastructure may experience impacts in the form of damage from flooding, debris blockages, temporary closure of transportation routes, and the potential inability of the stormwater system to handle floodwater in a severe event.
Environment	Floods impact the environment by spreading pollution, overloading water and wastewater treatment plants, carrying silt and debris, and disturbing wildlife and natural areas. Riverine flooding can cause bank erosion and landslides. Hazardous materials spills can result from flooding if storage tanks rupture and spill into waterways.
Economic Condition of the State	A major flood event would be costly for state and local governments in terms of emergency response, delivery of services, disaster cleanup, and future mitigation projects. Some of the costs could be recouped through federal grant reimbursements, but local governments would still feel the fiscal impact of a major event.
Public Confidence in State Governance	Public confidence will be dependent on how well the state manages response and recovery processes. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Sea Level Rise, Coastal Flooding, and Erosion	
Public	Residents in coastal areas face the greatest risk of impacts from sea-level rise, coastal flooding, and erosion. Potential impacts include destruction and loss of property. Collapses of coastal bluffs and cliffs present significant dangers to beachgoers who may be injured or killed by falling sediment and rock. However, no injury or loss of life is anticipated from sea-level rise.
Responders	Responders may be faced with assisting with evacuation for flood and erosion events. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	The impacts on the continuity of operations will be limited unless a facility is within the incident area. Impacted facilities may face economic impacts related to mitigation measures, relocation costs, and potential damage.
Property, Facilities, and Infrastructure	Development at the top of the bluff or cliff may be lost or require abandonment as erosion occurs (State of California 2022a). Roads and bridges may also experience damage and washouts.
Environment	Sea level rise and long-term erosion can result in the migration of ecosystems inland. If beaches, wetlands, and other coastal habitats cannot migrate inland as sea-levels rise – because of sediment availability, shoreline armoring, or other development that blocks natural migration – they can be lost to permanent inundation or degraded by saltwater intrusion.

Subject	Impacts
Economic Condition of the State	Coastal erosion can result in significant economic loss due to the destruction of buildings, roads, infrastructure, natural resources, and wildlife habitats. The long-term impacts of sea level will alter how coastal resources are utilized in the state.
Public Confidence in State Governance	Public confidence will depend on how well the state manages adaptation measures to protect against the impacts of sea-level rise. For coastal flooding and erosion, the state's response and recovery process will influence public confidence.
Severe Wind, Weather, and Storms	
Public	Lightning, hail, and high winds from severe storm events puts the public at risk of injury and loss of life.
Responders	Responders may be faced with assisting with evacuation for severe weather events. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	The impacts on continuity of operations would be limited unless a facility is directly adversely affected by lightning or hail caused by a thunderstorm. Delivery of services may be slowed or halted in affected areas as a result of momentary losses in power and communications.
Property, Facilities, and Infrastructure	Damage to state assets can include roof damage from wind, structural damage from downed trees, and power outages. State infrastructure can be impacted by debris and downed trees/power lines, causing road closures, power outages, and limiting access to emergency personnel.
Environment	Severe weather that creates long periods of rainfall can erode natural banks along waterways and degrade soil stability for terrestrial species. Tornadoes can tear apart habitats, causing fragmentation across ecosystems. Researchers believe that more diseases can spread across ecosystems because of the impacts that severe weather and climate change have on water supplies (NOAA 2013). The residual impacts of a community's methods to maintain its infrastructure through winter weather (such as road salting) may also impact the environment.
Economic Condition of the State	A major severe weather event could disrupt the state's economy if damages are severe and widespread. However, impacts are generally limited.
Public Confidence in State Governance	Public confidence would largely depend upon how effectively the state prepares for and responds to a severe thunderstorm event.

Subject	Impacts
Snow Avalanche	
Public	The fact that avalanches occur in remote settings far from large population centers means they do not pose the same danger to life and property as other hazards do. The people and structures most vulnerable to avalanches tend to be skiers, snowboarders, and others engaged in recreational activities in snow-covered, mountainous areas, along with the transportation infrastructure that serves those areas.
Responders	Responders may be faced with assisting with evacuation for avalanches. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	The impacts on continuity of operations would be limited unless a facility is within an impacted area. Delivery of services may be slowed or halted in these areas if key roadways become impassable.
Property, Facilities, and Infrastructure	Impacts to facilities are likely to be limited unless the facility is located within the impact area.
Environment	Avalanches might cause erosion on sloped terrain, thereby increasing the likelihood of future landslides. In addition, debris deposited in a river or stream because of avalanches might alter its flow and contribute to flooding later. There are numerous positive impacts, including the chutes and debris created by avalanches that help provide favorable habitats for various flora and fauna. Avalanches can also form firebreaks that help limit wildfires in wooded areas. Moreover, a self-regulating feedback loop occurs between avalanches and the trees in a forest. Trees that experience avalanches become stronger and more resilient, and these more robust trees, in turn, reduce the frequency of avalanches by reinforcing the snowpack and minimizing the effects of strong winds.
Economic Condition of the State	Avalanche events are typically more localized and, therefore, more likely to impact the local economy.
Public Confidence in State Governance	Public confidence will depend on how well the state manages response and recovery processes. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Subsidence	
Public	Subsidence occurring over an extended period of time is unlikely to result in injury or loss of life. Sudden events can result in injury or loss of life.
Responders	Due to the long-term nature of subsidence, there are no anticipated impacts on responders. In instances of sudden events, responders will be needed to close roads, assist injured members of the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.

Subject	Impacts
Continuity of operations (including continued delivery of services)	Due to the long-term nature of subsidence, impacts to the continuity of operations are anticipated to be limited unless the facility is directly within the area of movement. Delivery of services may be slowed or halted if roadways because impassable.
Property, Facilities, and Infrastructure	Subsidence has caused impacts on critical water infrastructure, including reduced conveyance capacity in local, state, and federal conveyance facilities, reduced levee heights, and damaged well casings (Borchers et al. 2014). Throughout California, subsidence has damaged buildings, aqueducts, well casings, bridges, and highways.
Environment	Subsidence can cause permanent inundation of land, increase flooding, change the topography of the land, and reduce the capacity of aqueducts to store water (Holzer and Galloway 2005).
Economic Condition of the State	Subsidence events are typically more localized and, therefore, more likely to impact the local economy.
Public Confidence in State Governance	Public confidence will depend on how well the state manages response and recovery processes. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Terrorism	
Public	Acts of terrorism can range from minor to severe, with fatalities and damage that can fall into the same categories. Biological terrorism is a direct threat to public safety.
Responders	Responders may be faced with assisting with evacuation for terrorist events. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	Facilities that are targets for terrorism events face an increased risk of disruptions of their systems and operations as a result of potential damages.
Property, Facilities, and Infrastructure	State assets could be targets for terrorist events. Other property, facilities, and infrastructure may sustain damage and become inaccessible.
Environment	The environmental damage caused by terrorism includes terrestrial conflicts, terrorist camps and bases, training activities, and carbon dioxide emissions related to energy consumption (Melike Bildirici 2020).
Economic Condition of the State	The initial economic impact of a terrorist attack can be measured in immediate costs, such as costs related to responding to the event and those associated with the immediate loss of productivity due to closed businesses. The fuller economic impact includes long-term costs such as terrorism mitigation activities.

Subject	Impacts
Public Confidence in State Governance	Public confidence will depend on how well the state manages response and recovery processes. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Transportation Accidents Resulting in Explosions or Toxic Releases	
Public	The public is at risk of injury and loss of life due to transportation accidents.
Responders	Responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	The impacts on the continuity of operations would be limited unless a facility or critical infrastructure component is within the damaged area during a transportation accident. Delivery of services may be slowed or halted in adjacent areas if key roadways become impassable.
Property, Facilities, and Infrastructure	Impacts to facilities are likely to be limited unless the facility is located within the impact area.
Environment	Impacts on the environment are likely limited unless the facility is located within the impact area.
Economic Condition of the State	Impacts on the economy are likely to be limited.
Public Confidence in State Governance	Public confidence will be dependent on how well the state manages response and recovery processes. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Tree Mortality	
Public	The public may be at risk of public health impacts if tree mortality events are caused by insect or disease impacts.
Responders	There are no anticipated impacts on responders.
Continuity of operations (including continued delivery of services)	There are no anticipated impacts on the continuity of operations unless a wildfire results from tree mortality.
Property, Facilities, and Infrastructure	There are no anticipated impacts to property, facilities, and infrastructure unless a wildfire results from tree mortality.
Environment	An increase in the number of trees dying will increase the impacts on air and water quality, increase the risk of flooding and erosion, and destroy natural habitats. The dead trees can also fuel wildfires, which are expected to become more frequent and extreme (California Office of Environmental Health Hazard Assessment 2019).

Subject	Impacts
Economic Condition of the State	Tree mortality can result in economic hardship for forestry-focused industries.
Public Confidence in State Governance	Public confidence will depend on how well the state manages response and recovery processes. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Tsunami and Seiche	
Public	Although tsunamis and seiches are rare events, the consequences can be high. Tsunamis and seiches can quickly jeopardize the lives of millions of coastal residents, businesses, and visitors. The public can face severe injury and loss of life resulting from a tsunami.
Responders	Responders may be faced with assisting with evacuation for tsunami events. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	Tsunamis have the potential for widespread destruction. There is a high potential for services to be completely disrupted due to damages to facilities, utilities, and transportation networks.
Property, Facilities, and Infrastructure	The outflow of water back to the sea can damage property, facilities, and infrastructure due to items being swept away, undermining roads, buildings, bulkheads, and other structures. This outflow can carry enormous amounts of highly damaging debris, resulting in further destruction. Unless moved away from shore, ships and boats may be forced against breakwaters, wharves, and other watercraft or be washed ashore and left grounded after the seawater withdraws (National Tsunami Warning Center 2021).
Environment	Ecosystems within the inundation areas for tsunamis and seiches that can withstand periodic inundation, such as wetlands, may be relatively unharmed by minor events. However, severe events that result in larger inundation areas may result in negative environmental impacts due to sediment erosion, debris, saltwater and pollutant contamination of soil and waterbodies, and other impacts (Geoffrey S. Plumlee 2013).
Economic Condition of the State	A tsunami can have widespread impacts and completely devastate the economy. Businesses may sustain physical damages, and damages to transportation networks may make businesses inaccessible to the public.
Public Confidence in State Governance	Public confidence will depend on how well the state manages response and recovery processes. Timely and accurate distribution of public information and notification during these events will also impact public trust.

Subject	Impacts
Urban Structural Fire	
Public	Areas in the state that are heavily populated and developed may be at more risk – members of the public face the risk of injury and loss of life.
Responders	Responders may be faced with assisting with evacuation for urban structural fires. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Responders, such as firefighters, may experience dehydration, exhaustion, and exposure to hazardous materials. Due to these activities, responders may face an increased risk of personal injury and loss of life.
Continuity of operations (including continued delivery of services)	If an urban structural fire directly impacts a facility, it can be completely destroyed. If the facility can be repaired, it may take several weeks or months to complete repairs and smoke remediation. Services are likely to experience significant disruption.
Property, Facilities, and Infrastructure	Structures impacted by urban structural fires can be significantly damaged or destroyed. Urban fires damage and destroy buildings, infrastructure, and vehicles and can impact utilities.
Environment	Most fires occurring in the built environment contribute to air contamination from the fire plume (whose deposition is likely to include land and water contamination), contamination from water runoff containing toxic products, and other environmental discharges or releases from burned materials (Fire Protection Research Foundation 2022)
Economic Condition of the State	The loss of a large manufacturing facility or business that employs a large number of people can mean extensive economic impacts.
Public Confidence in State Governance	Public confidence will be dependent on how well the state manages response and recovery processes. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Volcano	
Public	Impacts on the public include injuries related to burns and smoke inhalation, and loss of property and life.
Responders	Responders may be faced with assisting with evacuation for volcanic events. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	The resulting ash and lava flow from volcanic activity could completely disrupt state services due to damage to facilities, utilities, and transportation networks.

Subject	Impacts
Property, Facilities, and Infrastructure	Impacts to facilities are likely to be limited unless the facility is located within the impact area.
Environment	The environment is highly exposed to the effects of a volcanic eruption, including deterioration of water quality, fewer periods of rain, crop damage, and the destruction of vegetation (Zuskin, et al. 2007).
Economic Condition of the State	Volcanic events can have major economic impacts on a community, from the loss of and damage to structures and subsequent economic losses.
Public Confidence in State Governance	Public confidence will depend on how well the state manages response and recovery processes. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Well Stimulation and Hydraulic Fracturing	
Public	Well stimulation and hydraulic fracturing may release toxins and chemicals into the air, putting the public at risk. Harmful containments and chemicals could also be released into groundwater.
Responders	There are no anticipated impacts to responders from well stimulation and hydraulic fracturing.
Continuity of operations (including continued delivery of services)	It is not likely that well stimulation and hydraulic fracturing will cause complete destruction of state-owned or leased buildings and their contents. The impacts on continuity of operations would be limited unless a facility or critical infrastructure component is within the impact area. Delivery of services may be slowed or halted in adjacent areas.
Property, Facilities, and Infrastructure	Impacts to facilities are likely to be limited unless the facility is located within the impact area.
Environment	Hazards and environmental impacts resulting from fracking and well stimulation include contamination of groundwater with chemicals, air pollution from dispersion of chemicals and gases, and contamination of sub-surface rock formations from the injected chemicals. These concerns exist anywhere fracking is used as a gas and oil extraction method (Jackson, et al. 2014).
Economic Condition of the State	Well stimulation events are typically hyper-localized and, therefore, unlikely to have impacts on the economy.
Public Confidence in State Governance	Public confidence will be dependent how well the state manages response and recovery processes. Timely and accurate distribution of public information and notification during these events will also impact public trust.
Wildfire	
Public	Residents in high wildfire risk zones are the most vulnerable to impacts from a wildfire event. Impacts to the public include injuries related to burns, smoke inhalation, and loss of property and life.

Subject	Impacts
Responders	Responders may be faced with assisting with evacuation for wildfire events. In addition, responders will be needed to close roads, assist injured members or the public, and manage the overall incident. Due to these activities, responders may face an increased risk of personal injury.
Continuity of operations (including continued delivery of services)	The impacts on continuity of operations would be limited unless a facility or critical infrastructure component is within the impact area. Delivery of services may be slowed or halted in adjacent areas.
Property, Facilities, and Infrastructure	Impacts to facilities are likely to be limited unless the facility is located within the impact area. The estimated replacement cost value for the structures and contents of state-owned and leased assets exposed to the wildfire hazard is $1.9 billion.
Environment	Fire can act as a catalyst for promoting biological diversity and healthy ecosystems, reducing the buildup of organic debris, releasing nutrients into the soil, and triggering changes in vegetation community composition (California Department of Fish and Wildlife 2022). However, in some circumstances, it can also cause severe negative environmental impacts such as soil erosion, cross loss, the spread of invasive and nuisance species, disease and insect infection, habitat destruction, soil sterilization, and damaged historic and cultural resources.
Economic Condition of the State	A major wildfire event would be costly for state and local governments because of the potential for damages associated with property, infrastructure, and impacts to health and air quality.
Public Confidence in State Governance	Public confidence will be dependent on how well the state manages response and recovery processes. Timely and accurate distribution of public information and notification during these events will also impact public trust.

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Appendix D. Plan Participants



D PLAN PARTICIPANTS

One of the major changes from the 2018 SHMP planning process is how Cal OES engaged partners and stakeholders. In 2018, the SHMP planning process engaged participants quarterly for overall Plan review and input. Additional working group meetings were held on an as-needed basis, such as for GIS technical assistance or to develop the 2018 SHMP's social vulnerability methodology.

For the 2023 SHMP planning process, Cal OES used a Hazard and Working Group model. Group meetings were held either biweekly or monthly, and participants contributed substantive, organizational, and thematic input for the 2023 SHMP. The Groups included:

- Working Groups
  - Climate Impacts
  - Equity
  - GIS Technical Assistance (GIS-TAWC)
  - Goals and Objectives
- Hazard Groups
  - Fire Hazards
  - Flood Hazards
  - Other Hazards
  - Seismic Hazards

In addition to these groups, Cal OES engaged with partners and stakeholders to review the draft 2023 SHMP. Although these stakeholders were not involved in the Hazard and Working Groups, they were included on the Cal OES distribution listserv to provide feedback during the SHMP planning process. Additional information on the Working and Hazard Groups is detailed in Section 1.2.2: Organizing the Process and Resources in the base 2023 SHMP.

Cal OES also engaged partners as part of the 2018 SHMP implementation and monitoring process through quarterly reports. These reports align with Enhanced Elements E6: Integrated Planning and E7: Mitigation Capabilities. Information from these reports is also incorporated into the 2023 SHMP, showing the ongoing and continually growing mitigation efforts statewide.

Table D-1. 2023 SHMP Active Partners

Name	Organization	Email Address	Group	Hazard Participation
Stephen Terrin	Bay Area Metro, Bay Area Regional Energy Network	sterrin@bayareametro.gov		• Other - General or Undefined
Dan Berlant	CAL FIRE	daniel.berlant@fire.ca.gov	• Quarterly Reports • SHMP Review Distribution	
Frank Bigelow	CAL FIRE	Frank.Bigelow@fire.ca.gov	• GIS-TAWC • Goals and Objectives • Quarterly Reports	• Fire - Wildfire
Matt Damon	CAL FIRE	matt.damon@fire.ca.gov	• Quarterly Reports	• Fire - Urban Structural Fire • Fire - Wildfire
Steven Hawks	CAL FIRE	steven.hawks@fire.ca.gov	• Equity • GIS-TAWC • SHMP Review Distribution	• Fire - Urban Structural Fire • Fire – Wildfire • Other - General or Undefined
Alisha Herring	CAL FIRE	alisha.herring@fire.ca.gov	• Quarterly Reports	
DP (David) Passovoy	CAL FIRE	David.Passovoy@Fire.ca.gov		• Fire - Wildfire
Shane Vargas	CAL FIRE	Shane.Vargas@fire.ca.gov		• Fire - Urban Structural Fire • Fire - Wildfire
Kimberly Wallin	Cal Fire	kimberly.wallin@fire.ca.gov		• Fire - Urban Structural Fire • Fire - Wildfire
Serena Ortega	CAL FIRE	Serena.Ortega@fire.ca.gov	• Equity	
Walter Passmore	CAL FIRE	walter.passmore@fire.ca.gov	• Equity	
Dave Sapsis	CAL FIRE Fire and Resource Assessment Program (FRAP)	dave.sapsis@fire.ca.gov	• Quarterly Reports	
Steven Brian Barkely	CAL FIRE Land Use Planning	Steven.barkley@fire.ca.gov		• Fire - Urban Structural Fire • Fire - Wildfire
Gene Potkey	CAL FIRE Land Use Planning	Gene.potkey@fire.ca.gov		• Fire - Wildfire
Sherri Sarro	Cal OES, Assistant Director, Response South	Sherri.Sarro@CalOES.ca.gov	• Cal OES Exec	
Laura Solis	Cal OES, Business Services	Laura.Solis@CalOES.ca.gov	• SHMP Review Distribution	
Nina Brunner	Cal OES, California Specialized Training Institute	nina.brunner@caloes.ca.gov	• Quarterly Reports	
Alex Cabassa	Cal OES, California Specialized Training Institute, Superintendent	alex.cabassa@caloes.ca.gov	• Quarterly Reports • SHMP Review Distribution	
Christina (Tina) Curry	Cal OES, Chief Deputy Director	christina.curry@caloes.ca.gov	• Cal OES Exec	
Brian Ferguson	Cal OES, Crisis Communications & Public Affairs, Deputy Director	Brian.Ferguson@CalOES.ca.gov	• Cal OES Exec	
Todd Johnson	Cal OES, Critical Infrastructure Protection	Todd.Johnson@CalOES.ca.gov	• GIS-TAWC	

Name	Organization	Email Address	Group	Hazard Participation
Brandon Lum	Cal OES, Critical Infrastructure Protection	Brandon.Lum@CalOES.ca.gov	• Climate Impacts • Equity • Goals and Objectives	• Fire – Wildfire • Flood - Sea-Level Rise, Coastal Flooding, and Erosion • Other - Agricultural and Silvicultural Pests & Diseases • Seismic - Earthquake
Tom Ducker	Cal OES, Critical Infrastructure Protection	tom.ducker@caloes.ca.gov	• GIS-TAWC • Goals and Objectives • Quarterly Reports	• Flood - Dam Failure and Safety • Flood - Levee Failure and Safety • Flood - Riverine, Stream, and Alluvial Floods • Flood - Sea-Level Rise, Coastal Flooding, and Erosion • Seismic – Earthquake • Seismic – Landslide • Seismic - Tsunami and Seiche • Seismic - Volcano
Ted Johnson	Cal OES, Critical Infrastructure Protection	Ted.Johnson@caloes.ca.gov	• GIS-TAWC • Goals and Objectives • Quarterly Reports	• Flood - Dam Failure and Safety • Flood - Levee Failure and Safety
Casey Meredith	Cal OES, Dam Safety Planning	casey.meredith@caloes.ca.gov	• Goals and Objectives • Quarterly Reports	• Flood - Dam Failure and Safety • Other - Drought and Water Shortage • Seismic - Earthquake
Eric Howard	Cal OES, Data & Geospatial	eric.howard@caloes.ca.gov	• GIS-TAWC	• All
James (Jim) Nordstrom	Cal OES, Data & GIS	james.nordstrom@caloes.ca.gov	• GIS-TAWC	• All
Kris Rhodewalt	Cal OES, Data & GIS	Kris.Rhodewalt@CalOES.ca.gov	• GIS-TAWC	
Eric Simpson	Cal OES, Data & GIS	eric.simpson@caloes.ca.gov	• GIS-TAWC	• All
Nick Broten	Cal OES, Data & GIS	nick.broten@caloes.ca.gov	• GIS-TAWC	
Edward Westfall	Cal OES, Deputy Director, Response Operations	Edward.Westfall@CalOES.ca.gov	• Cal OES Exec	
Phil Labra	Cal OES, Earthquake & Tsunami	phillip.labra@caloes.ca.gov	• SHMP Review Distribution	• Seismic – Earthquake • Seismic – Landslide • Seismic - Tsunami and Seiche • Seismic - Volcano
Todd Becker	Cal OES, Earthquake & Tsunami	todd.becker@caloes.ca.gov	• GIS-TAWC • Quarterly Reports	• Seismic – Earthquake • Seismic - Tsunami and Seiche • Seismic - Volcano
Yvette LaDuke	Cal OES, Earthquake & Tsunami	Yvette.laduke@caloes.ca.gov	• Climate Impacts • Equity • Goals and Objectives • Quarterly Reports	• Flood - Sea-Level Rise, Coastal Flooding, and Erosion • Seismic – Earthquake • Seismic – Landslide • Seismic - Tsunami and Seiche • Seismic - Volcano
Andrew Rush	Cal OES, Emergency Functions Planning	Andrew.Rush@CalOES.ca.gov	• Goals and Objectives	• Other - Air Pollution

Name	Organization	Email Address	Group	Hazard Participation
Clifford Viernes	Cal OES, Emergency Management Systems	clifford.viernes@caloes.ca.gov	• SHMP Review Distribution	
Jim Barnes	Cal OES, Engineers and Specialist Unit	jim.barnes@caloes.ca.gov		• Seismic - Earthquake • Seismic - Landslide • Seismic - Tsunami and Seiche • Seismic - Volcano
Gurbir Singh	Cal OES, Engineers and Specialist Unit	gurbir.singh@caloes.ca.gov		• Seismic - Earthquake • Seismic - Landslide • Seismic - Tsunami and Seiche • Seismic - Volcano
Nicole Stanich	Cal OES, Fire Administration	Nicole.stanich@caloes.ca.gov	• Quarterly Reports	
David Stone	Cal OES, Fire South Operations	david.stone@caloes.ca.gov		• Fire - Urban Structural Fire • Fire - Wildfire
Ron Miller	Cal OES, Hazard Mitigation Assessment	ron.miller@caloes.ca.gov	• Enhanced Elements • Quarterly Reports	
Jacy Hyde	Cal OES, Hazard Mitigation Assistance	jacy.hyde@caloes.ca.gov	• Enhanced Elements • Quarterly Reports	
Blythe Denton	Cal OES, Hazard Mitigation Grants	Blythe.Denton@CalOES.ca.gov	• Enhanced Elements	
Jennifer Hogan	Cal OES, Hazard Mitigation, Assistant Director	jennifer.hogan@caloes.ca.gov	• Cal OES Exec • Enhanced Elements • Quarterly Reports	
Helen Lopez	Cal OES, International Affairs and Tribal Coordination	helen.lopez@caloes.ca.gov	• Equity • Goals and Objectives • Quarterly Reports	
Sheldon Fung	Cal OES, Law Administration	sheldon.fung@caloes.ca.gov		• Other - Hazardous Materials Release • Other - Natural Gas Pipeline Hazards • Other - Oil Spills • Other - Radiological Accidents • Other - Train Accidents Resulting in Explosions/Toxic Releases
Reggie Salvador	Cal OES, Legislative & External Affairs	Reggie.Salvador@CalOES.ca.gov	• Cal OES Exec	
Paul McGinnis	Cal OES, Legislative Coordination	paul.mcginnis@caloes.ca.gov	• Quarterly Reports	
Victoria LaMar-Haas	Cal OES, Local Mitigation Planning	victoria.lamar-haas@caloes.ca.gov	• Climate Impacts • Equity • GIS-TAWC • Goals and Objectives • Quarterly Reports • SHMP Review Distribution	• All
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Name	Organization	Email Address	Group	Hazard Participation
				• Seismic - Earthquake
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Name	Organization	Email Address	Group	Hazard Participation
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Derek Bays	Cal OES, Watershed and Debris Flow Task Force	derek.bays@caloes.ca.gov		• Flood - Dam Failure and Safety • Flood - Levee Failure and Safety • Flood - Riverine, Stream, and Alluvial Floods • Flood - Sea-Level Rise, Coastal Flooding, and Erosion • Seismic - Earthquake • Seismic - Landslide • Seismic - Tsunami and Seiche • Seismic - Volcano
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Kelsey Ducklow	California Coastal Commission	kelsey.ducklow@coastal.ca.gov	• Goals and Objectives	• Flood - Riverine, Stream, and Alluvial Floods • Flood - Sea-Level Rise, Coastal Flooding, and Erosion

Name	Organization	Email Address	Group	Hazard Participation
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Scott Wolsey	California Conservation Corps	Scott.Wolsey@ccc.ca.gov	• Quarterly Reports	
Mary Small	California Coastal Conservancy	mary.small@scc.ca.gov	• Quarterly Reports • SHMP Review Distribution	
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Victoria Monroe	California Department of Fish and Wildlife	victoria.monroe@wildlife.ca.gov	• Quarterly Reports	
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Micah Metts-Houston	California Department of Housing and Community Development	Micah.Metts-Houston@hcd.ca.gov	• Equity • GIS-TAWC	• Other - General or Undefined
Josh Rosa	California Department of Housing and Community Development	josh.rosa@hcd.ca.gov	• Goals and Objectives	•
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Suzanne Hemphill	California Department of Housing and Community Development	suzanne.hemphill@hcd.ca.gov	• Equity	
Claudia Mildner	California Department of Housing and Community Development	claudia.mildner@hcd.ca.gov		• Fire - Wildfire
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Ashley Sanchez	California Department of Housing and Community Development	Ashley.Sanchez@hcd.ca.gov	• GIS-TAWC	
Mona Akbar	California Department of Housing and Community Development	Mona.Akbar@hcd.ca.gov	• Climate Impacts • Equity	• Fire - Wildfire

Name	Organization	Email Address	Group	Hazard Participation
			• GIS-TAWC • Goals and Objectives	• Flood - Sea-Level Rise, Coastal Flooding, and Erosion • Other - General or Undefined • Seismic - Earthquake
Aleksandra Djurasovic	California Department of Housing and Community Development	aleksandra.djurasovic@hcd.ca.gov	• Climate Impacts	• Other - General or Undefined
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Claudia Mildner	California Department of Housing and Community Development	claudia.mildner@hcd.ca.gov	• Climate Impacts • Equity • Goals and Objectives	• Other - Agricultural and Silvicultural Pests & Diseases • Other - Air Pollution • Other - Aquatic Invasive Species • Other - Avalanche • Other - Drought and Water Shortage • Other - Energy Shortage and Energy Resiliency • Other - Epidemic/Pandemic/Vector Borne Disease • Other - Extreme Heat • Other - Freeze • Other - Severe Weather and Storms • Other - Tree Mortality
Linda Helland	California Department of Public Health	linda.helland@cdph.ca.gov	• Climate Impacts • Quarterly Reports	
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Andrew Vellos	California Department of Public Health	andrew.vellos@cdph.ca.gov	• Quarterly Reports	• Other - General or Undefined
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Name	Organization	Email Address	Group	Hazard Participation
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Name	Organization	Email Address	Group	Hazard Participation
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Name	Organization	Email Address	Group	Hazard Participation
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Svetlana Smorodinsky	California Department of Public Health, Office of Occupational Health	svetlana.smorodinsky@cdph.ca.gov	• Equity • GIS-TAWC • Goals and Objectives	• Fire - Urban Structural Fire • Fire - Wildfire • Other - Air Pollution • Seismic - Earthquake
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Name	Organization	Email Address	Group	Hazard Participation
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Name	Organization	Email Address	Group	Hazard Participation
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Name	Organization	Email Address	Group	Hazard Participation
				• Flood - Sea-Level Rise, Coastal Flooding, and Erosion • Other - Drought and Water Shortage • Seismic - Tsunami and Seiche
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Name	Organization	Email Address	Group	Hazard Participation
				• Seismic - Volcano
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Name	Organization	Email Address	Group	Hazard Participation
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Name	Organization	Email Address	Group	Hazard Participation
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Fred Hanes	California Public Utilities Commission	fred.hanes@cpuc.ca.gov		• Seismic - Earthquake • Seismic - Landslide • Seismic - Tsunami and Seiche • Seismic - Volcano
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Name	Organization	Email Address	Group	Hazard Participation
				• Other - Well Stimulation and Hydraulic Fracturing
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David Davis	County of San Bernardino	david.davis@oes.sbcounty.gov	• SHMP Review Distribution	
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Name	Organization	Email Address	Group	Hazard Participation
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Aaron Bock	County of Tulare	abock@tularecounty.ca.gov	• SHMP Review Distribution	
Diane Gould	Department of General Services, Division of the State Architect	diane.gould@dgs.ca.gov	• GIS-TAWC • Goals and Objectives	• Fire - Urban Structural Fire • Fire - Wildfire • Seismic - Earthquake
Hussain Bhatia	Department of Health Care Access and Information	hussain.bhatia@hcai.ca.gov	• GIS-TAWC	

Appendix E. Differences from Previous Plan and Crosswalk for Plan Reviewers



E DIFFERENCES FROM PREVIOUS PLAN AND CROSSWALK FOR PLAN REVIEWERS

This updated Plan differs from the 2018 SHMP in many ways due to program requirements and plan enhancements. The table below indicates the major changes between the two Plans relating to 44 CFR Part 201 requirements for Standard and Enhanced state hazard mitigation plans. This appendix can be used by technical reviewers of the SHMP to see where FEMA specified requirements have been met. Volume 1 of the 2023 SHMP is supported by a robust suite of appendices included in the second volume of the Plan. All citations in Table E-1 refer to sections in the base Plan and not necessarily information provided in an appendix. Citations in the table are located within the respective base 2023 SHMP.

Table E-1. Key Changes from Previous Hazard Mitigation Plan

44 CFR Requirement	2018 SHMP	2023 SHMP
PLANNING PROCESS		
S1. Does the plan describe the planning process used to develop the plan? [44 CFR 201.4(b) and (c)(1)]	All of Chapter 2 documents the planning process followed for the plan update including: how the Plan was prepared, schedule or timeframe, specific milestones and activities, agencies and other stakeholders who were involved, and the efforts to integrate that process into additional state planning efforts.	This Plan update transitioned from an effort facilitated through a singular body (State Hazard Mitigation Team) to a process coordinated through subject matter-focused Working and Hazard Groups. The complete planning process is documented in Chapter 1, Section 1.2. This includes how the Plan was prepared, the schedule or timeframe, specific milestones and activities, agencies and other stakeholders who were involved, and the efforts to integrate that process into additional state planning efforts.

44 CFR Requirement	2018 SHMP	2023 SHMP
S2. Does the plan describe how the state coordinated with other agencies and stakeholders? [44 CFR 201.4(b) and (c)(1)]	Section 2.2.2 of the Plan identifies and chronicles the agency coordination efforts for that plan.	Chapter 1, Section 1.2.1 of the Plan documents how the agencies and stakeholders were coordinated with and how their input was utilized to inform the Plan update.

44 CFR Requirement	2018 SHMP	2023 SHMP
HAZARD IDENTIFICATION AND RISK ASSESSMENT		
S3. Does the risk assessment include an overview of the type and location of all natural hazards that can affect the state? [44 CFR 201.4(c)(2)(i)]	The Plan individually profiles three primary hazard categories (Earthquake and Geologic Hazards, Flood Hazards, and Fire Hazards), and then includes an aggregate profile of Other Hazards containing three separate categories (Other Climate and Weather-Influenced Hazards, Sociotechnical/Technological Hazards, and Threat and Disturbance Hazards). In total, 13 hazards of concern were profiled. Each profile included vulnerability and risk assessments.	The Plan individually assessed/profiled 34 hazards of concern that were segregated into 2 categories: • Natural Hazards of Interest • Other Hazards of Interest The reasoning for this split can be found in Part 2, Chapter 4 of the SHMP. Each hazard profile (Parts 2 and 3, Chapters 4 to 41) Includes a current overview of hazards that can affect the State: • Location (FEMA requirement) – information on where the hazards have occurred or could occur • Previous occurrences (FEMA requirement) – information about when hazards have occurred in the past, including information about the range of observed intensities of the hazards • Probability of future events (FEMA requirement) – discusses the projected changes in the location, range of anticipated intensities, frequency, and duration of hazards • An impact analysis – discusses the impacts of the hazard (e.g., severity and warning time) and the impacts it can have on the environment and other hazards. This section also includes LHMP rankings for each hazard. • Vulnerability of State Assets (FEMA requirement) - overview and analysis of the vulnerability to state assets from the identified hazards as well as a summary of the most vulnerable assets; estimated potential losses to state assets located in hazard areas • Mitigation Alternatives – provides examples of mitigation actions the State and local jurisdictions can implement to reduce impacts of each hazard
S4. Does the risk assessment provide an overview of the probabilities of future hazard events? [44 CFR 201.4(c)(2)(i)]	All 13 hazards profiled have a section dedicated to an overview of the probabilities of future hazard events.	All 34 hazard profiles have a section dedicated to an overview of the probabilities of future hazard events.

44 CFR Requirement	2018 SHMP	2023 SHMP
S5. Does the risk assessment address the vulnerability of state assets located in hazard areas and estimate the potential dollar losses to these assets? [44 CFR 201.4(c)(2)(ii) and 201.4(c)(2)(iii)]	All 13 hazards profiled have a section dedicated to "Assessment of Local Vulnerability and Potential Losses". The only hazard quantitatively assessed was the earthquake hazard with reference to an Annualized Avoided Loss (AAL) study. All other assessments were qualitatively assessed with reference to local plans for more information.	All 34 hazard profiles have a section dedicated to the vulnerability of State Assets. This includes exposure of state-owned/leased facilities, critical facilities, and community lifelines; estimates of loss; buildable land; and equity priority communities (exposed and vulnerable populations to the hazard). Vulnerability of local assets can be found in LHMPs for each county. Quantitative assessments were made for all hazards that have a clearly defined extent and location where exposure can be determined. All other hazards were assessed qualitatively.
S6. Does the risk assessment include an overview and analysis of jurisdictions' vulnerability to the identified hazards and the potential losses? [44 CFR 201.4(c)(2)(ii) and 201.4(c)(2)(iii)]	All 13 hazards profiled have a section dedicated to "Assessment of Local Vulnerability and Potential Losses".	Chapter 2, Section 2.5 of the Plan includes a review and discussion on which hazards have been identified to have high impacts on all 58 counties within the State. This was based on a review of local hazard mitigation plans within each of the 58 counties in the State. Note: One jurisdiction does not have an approved hazard mitigation plan as of December 31, 2022.
S7. Was the risk assessment revised to reflect changes in development? [44 CFR 201.4(d)]	The Plan includes a geospatial review of population change trends as well as a look at building permit volumes over a time frame.	The 2023 SHMP includes the same level of detailed analysis for population trends and permit volumes. This can be found in each vulnerability assessment under the 'buildable land' subsection.
STATE MITIGATION CAPABILITIES		
S8. Does the plan discuss the evaluation of the state's hazard management policies, programs, capabilities, and funding sources to mitigate the hazards identified in the risk assessment? [44 CFR 201.4(c)(3)(ii)]	The Plan addresses these requirements in different parts of the Plan.	The 2023 SHMP consolidates all information relating to this requirement into one section of the Plan. This information is in Part 4, Chapter 46.
MITIGATION STRATEGY		
S9. Does the mitigation strategy include goals to reduce long-term vulnerabilities from the identified hazards? [44 CFR 201.4(c)(3)(i)]	The Plan identified four goals and 26 objectives. The objectives were separated into subsets under each of the four goals.	The 2023 SHMP identified five goals and 16 objectives. These goals and objectives differed from those in the prior plan in that the goals were linear with each standing on its own merit. This transition was to provide more versatility to the Plan in support of identifying multi-objective actions. These goals and objectives were confirmed by a Working Group that was dedicated to goal setting for the Plan. The goals and objectives can be found in Part 5, Chapter 44.

44 CFR Requirement	2018 SHMP	2023 SHMP
S10. Does the plan prioritize mitigation actions to reduce vulnerabilities identified in the risk assessment? [44 CFR 201.4(c)(3)(i), 201.4(c)(3)(ii) and 201.4(c)(3)(iii)]	Chapter 3, Section 3.15 of the Plan establishes a range of priorities with the following parameters: • Setting Priorities Based on Mitigation Goals and Federal Mandates • Setting Priorities Based on State Legislation and Executive Orders • Priorities using Federal hazard mitigation funding • Integrating Federal, State, and Local Priorities	The 2023 SHMP applied an entirely new schema for action prioritization from the 2018 SHMP that was consistently applied to all actions. This new schema asked 15 quantifiable questions for each action, for which the answers were weighted and scored. Scoring was then applied to categorize each action "high", "medium", or "low" priority. The explanation for prioritization can be found in Part 5, Chapter 47, Section 47.2 of the 2023 SHMP.
S11. Does the plan identify current and potential sources of funding to implement mitigation actions and activities? [44 CFR 201.4(c)(3)(iv)]	The Plan identifies state priorities for federal hazard mitigation funding.	For every action identified, potential sources of funding have been identified in an action plan matrix. See Part 5, Chapter 47.
S12. Was the plan updated to reflect progress in statewide mitigation efforts and changes in priorities? [44 CFR 201.4(d)]	In Appendix C to the Plan, the status of all actions has been reported under the "2018 Progress Narrative."	All prior actions were fully reconciled by the State agencies responsible through an online tracking and reporting platform. See Part 5, Chapter 45. All actions, including those that were carried over from the 2018 Plan, were prioritized using a new schema, as noted above.
LOCAL PLANNING COORDINATION AND CAPABILITY BUILDING		
S13. Does the plan generally describe and analyze the effectiveness of local government mitigation policies, programs, and capabilities? [44 CFR 201.4(c)(3)(ii)]	This requirement was addressed by sections 1.4, 5.2, 5.3, Table 5.H and Annex 1.	This requirement is addressed under Plan Part 4, Chapter 42 in its entirety.
S14. Does the plan describe the process to support the development of approvable local government mitigation plans? [44 CFR 201.3(c)(5) and 201.4(c)(4)(i)]	All of Chapter 5 of the 2018 SHMP is dedicated to Local Hazard Mitigation Planning. This requirement was addressed by sections 5.1 and 5.3. Additionally, the grant support aspect for local planning is addressed under Chapter 10.	This requirement has been addressed under Plan Part 4, Chapter 43 in its entirety.
S15. Does the plan describe the criteria for prioritizing funding? [44 CFR 201.4(c)(4)(iii)]	This requirement is addressed by Chapter 3, Section 3.15, which sets clear priorities for use of federal funding.	Although all mitigation projects seeking FEMA Hazard Mitigation Assistance (HMA) funding must be included in the SHMP, Cal OES also provides guidelines for reviewing and ranking activities and projects put forth by state agencies, local jurisdictions, Tribes, and other eligible entities. This is described in Part 6, Chapter 54, section 54.2.
S16. Does the plan describe the process and time frame to review, coordinate, and link local and tribal mitigation plans with the state mitigation plan? [44 CFR 201.3(c)(6), 201.4(c)(2)(ii), 201.4(c)(3)(iii), and 201.4(c)(4)(ii)]	All of Chapter 5 of the 2018 SHMP is dedicated to Local Hazard Mitigation Planning. This requirement was addressed by sections 5.1, 5.2 and 5.3.	Part 4, Chapter 43, Section 43.4 has been dedicated to this requirement.

44 CFR Requirement	2018 SHMP	2023 SHMP
REVIEW, EVALUATION, AND IMPLEMENTATION		
S17. Is there a description of the method and schedule for keeping the plan current? [44 CFR 201.4(c)(5)(i) and 201.4(d)]	This requirement was addressed by Chapter 2, Section 2.5 of the plan.	Part 5, Chapter 48, Sections 48.2 and 48.3 have been dedicated to this requirement.
S18. Does the plan describe the systems for monitoring implementation and reviewing progress? [44 CFR 201.4(c)(5)(ii) and 201.4(c)(5)(iii)]	This requirement was addressed by Chapter 2, Section 2.5 of the plan.	Part 5, Chapter 48, Section 48.2.3 has been dedicated to this requirement.
ADOPTION AND ASSURANCES		
S19.Did the state provide documentation that the plan has been formally adopted? [44 CFR 201.4(c)(6)]	This requirement was addressed by Chapter 1, section 1.5 of the plan.	Part 5, Chapter 48 has been dedicated to this requirement.
Did the state provide assurances? [44 CFR 201.4(c)(7)]	This requirement was addressed by Chapter 1, Section 1.6 of the plan.	Part 5, Chapter 48, Section 48.4 has been dedicated to this requirement.
HIGH-HAZARD POTENTIAL DAMS		
HHPD1. Did Element S2 (planning process) describe how the state dam safety agency, other agencies, and stakeholders participated in the planning process and contributed expertise, data, studies, information, etc. relative to high hazard potential dams	Did not address as this was a program that was put in place after the 2018 plan was developed and adopted.	The State Mitigation Planning Unit collected significant input across Cal OES directorates and other state agencies and departments, such as the California Department of Forestry and Fire Protection (CAL FIRE), the Office of Planning and Research (OPR), the Department of Water Resources (DWR), the California Geological Survey (CGS), and the Department of Housing and Community Development (HCD). This included input and data from the DWR Division of Safety of Dams.
HHPD2. Did Element S6 (risk assessment) address all dam risk for high hazard potential dams in the risk assessment?	Did not address as this was a program that was put in place after the 2018 plan was developed and adopted.	Part 2, Chapter 15 includes a comprehensive assessment of state-owned and -regulated dams within California, and a limited assessment of federal dams. The federal dam assessment was limited due to the accessibility of data on federal dams.
HHPD3. Did Element S9 (mitigation goals) include mitigation goals to reduce long-term vulnerabilities from high hazard potential dams?	Did not address as this was a program that was put in place after the 2018 plan was developed and adopted.	See Part 5, Chapter 44. This requirement is addressed by: Goal #1: *Significantly reduce risk to life, community lifelines, the environment, property, and infrastructure (i.e., High Hazard Potential Dams) by planning and implementing whole-community risk reduction and resilience strategies.* *Objective #3: Improve the understanding of the locations, potential and cascading impacts, and linkages among the threats, hazards, vulnerabilities, and measures needed to protect life, community lifelines, the environment, property, and infrastructure.*

44 CFR Requirement	2018 SHMP	2023 SHMP
HHPD4. Did Element S10 (mitigation actions) prioritize mitigation actions and activities to reduce vulnerabilities from high hazard potential dams?	Did not address as this was a program that was put in place after the 2018 plan was developed and adopted.	The Plan identifies and prioritizes nine mitigation actions that would reduce vulnerabilities from high-hazard potential dams. These actions are as follows: • 2023-013 • 2018-002 • 2018-006 • 2018-007 • 2018-008 • 2018-062 • 2018-063 • 2018-110 • 2018-111 See Part 5, Chapter 47
HHPD5. Did Element S11 (funding sources) identify current and potential sources of funding to implement mitigation actions and activities for high hazard potential dams?	Did not address as this was a program that was put in place after the 2018 plan was developed and adopted.	For every action identified, potential sources of funding have been identified in an action plan matrix. See Part 5, Chapter 47.
HHPD6. Did Element S13 (local coordination) generally describe and analyze the effectiveness of local mitigation policies, programs, and capabilities that address high hazard potential dams?	Did not address as this was a program that was put in place after the 2018 plan was developed and adopted.	Part 4, Chapter 42, describes the role of building codes in California and Section 40.9 describes the High Hazard Potential Dam Program and how the State will meet the HHPD requirement, including the average BCEGS classifications.
HHPD7. Did Element S15 (prioritizing funding) describe the criteria for prioritizing funding for high hazard potential dams?	Did not address as this was a program that was put in place after the 2018 plan was developed and adopted.	Part 6, Chapter 54, section 54.2.8 identifies the HHPD program as a programmatic ranking criteria for the prioritization of funding .
FIRE MANAGEMENT ASSISTANCE GRANTS		
FMAG1. Does the plan address wildfire risks? [44 CFR 201.4(c)(2); 44 CFR 204.51(d)(2)]	These requirements we addressed by Chapter 8 of the Plan.	Part 2, Chapter 10 fully profiled and assessed the risk from the wildfire hazard.
FMAG 2. Does the plan's mitigation strategy contain wildfire-related mitigation initiatives? [44 CFR 201.4(c)(3); 44 CFR 204.51(d)(2)]	The 2018 SHMP identified and prioritized seven wildfire mitigation initiatives.	The 2023 SHMP identifies and prioritizes eight wildfire-specific mitigation initiatives. The Plan also identifies numerous "all-hazard" initiatives that would apply to mitigating impacts from the wildfire hazard.
ENHANCED STATE PLAN REQUIREMENTS		
ENHANCED STATE PREREQUISITES		
E1. Does the enhanced plan include all elements of the standard state mitigation plan? [44 CFR 201.5(b)]	Chapters 1-9 All Annexes & Appendices	Parts 1 to 5, Chapters 1 to 48, and all Appendices.
MEET HMA GRANTS MANAGEMENT PERFORMANCE REQUIREMENTS		
E2. Regarding HMA, is the state maintaining the capability to meet application time frames and submitting complete project applications? [44 CFR 201.5(b)(2)(iii)(A)]	Chapter 10, Sections 10.5.1, 10.5.1.1-10.5.1.4, and Appendix L.	Part 6, Chapter 50 in its entirety.

44 CFR Requirement	2018 SHMP	2023 SHMP
E3. Regarding HMA, is the state maintaining the capability to prepare and submit accurate environmental reviews and benefit-cost analyses? [44 CFR 201.5(b)(2)(iii)(B)]	Chapter 10, Sections 10.5, 10.5.1, 10.5.1.3, and 10.5.1.4	Part 6, Chapter 50 in its entirety
E4. Regarding HMA, is the state maintaining the capability to submit complete and accurate quarterly progress and financial reports on time? [44 CFR 201.5(b)(2)(iii)(C)]	Chapter 10, Sections 10.5.2 and 10.5.2.1-10.5.2.3	Part 6, Chapter 50 in its entirety.
E5. Regarding HMA, is the state maintaining the capability to complete HMA projects within established performance periods, including financial reconciliation? [44 CFR 201.5(b)(2)(iii)(D)]	Chapter 10, Sections 10.5.2 and 10.5.2.2-10.5.2.4	Part 6, Chapter 50 in its entirety.
INTEGRATED PLANNING		
E6. Does the plan demonstrate integration, to the extent practicable, with other state and/or regional planning initiatives and FEMA mitigation programs and initiatives? [44 CFR 201.5(b)(1)]	This requirement was addressed by multiple sections of the Plan, including sections of Chapters 1, 2, 3, 4, 5, and 10, and Appendix A.	Part 6, Chapter 51 in its entirety.
DEMONSTRATING COMMITMENT TO A COMPREHENSIVE STATE MITIGATION PROGRAM		
E7. Does the state demonstrate commitment to a comprehensive mitigation program? [44 CFR §§ 201.3(c), 201.5(b)(4) and 201.6(d)]	This requirement was addressed by multiple sections of the Plan, including sections of Chapters 1, 3, 4, 5, 6, 7, 8, 9, and 10.	Part 6, Chapter 52 in its entirety.
EFFECTIVE USE OF EXISTING MITIGATION PROGRAMS TO ACHIEVE MITIGATION GOALS		
E8. Is the state effectively using existing mitigation programs to achieve mitigation goals? [44 CFR 201.5(a) and 201.5(b)(3)]	Chapter 10, Sections 10.3, 10.4, and 10.5.	Part 6, Chapter 53 in its entirety.
DOCUMENTATION OF THE STATE'S IMPLEMENTATION CAPABILITY		
E9. Does the enhanced plan document capability to implement mitigation actions? [44 CFR 201.5(b)(2)(i), 201.5(b)(2)(ii), and 201.5(b)(2)(iv)]	Chapter 10, Section 10.5, and Appendix L.	Part 6, Chapter 54 in its entirety.

Appendix F. Disaster Declarations



F EMERGENCY PROCLAMATIONS AND DISASTER DECLARATIONS

The following table provides a summary of the state of emergency proclamations and federal disaster declarations experienced by the State of California after November 21, 1950. The table also includes the areas declared, number of reported deaths and injuries, and reported damage. All jurisdictions listed were impacted by disasters, had some type of disaster declaration, and received some type of disaster funding; however, not every jurisdiction listed received every available type of disaster funding assistance listed.

Table F-1. History of State and Federal Declarations for the State of California

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1950 Floods	Flood	50-01	1950	Statewide	11/21/1950	Not declared	9	—	$32,183,000
Flood and Erosion	Flood	DR-15	1954	Statewide	—	2/5/1954	—	—	—
Fire, Flood, and Erosion	Flood	DR-28	1954	Los Angeles, San Bernardino	Not Proclaimed	Federal funds made available	—	—	—
1955 Floods	Flood	DR-47	1955	Statewide	12/22/1955	12/23/1955	74	—	$200,000,000
1956 Fires	Fire	DR-65	1956	Los Angeles (Malibu area), Ventura	Not Proclaimed	12/29/1956	1	Several hundred	$70,000,000
Heavy Rains	Flood	—	1957	Cherry-producing areas of Northern California	Not Proclaimed	Not declared	—	2	$6,000,000
Newton Fires (Monrovia Fires)	Fire	58-01	1958	Los Angeles	1/3/1958	Not declared	1	23	—
High Tides	Flood	58-02	1958	City of Imperial Beach, San Diego County	1/31/1958	Not declared	—	—	—
1958 February Storms & Floods	Flood	58-03	1958	Northern California (Southern boundaries of Santa Cruz, Santa Clara, Stanislaus, Tuolumne, Alpine counties to the Oregon border)	2/26/1958	Not declared	—	—	—
1958 April Storms & Floods	Flood	DR-82	1958	Statewide	4/2/1958	4/4/1958	13	several	$24,000,000
Potential Flood Damage and Landsides as a Result of Fires	Flood	59-01	1959	Los Angeles	1/8/1959	Not declared	—	—	—
1959 Heavy rains	Flood	—	1959	Tokay grape producing areas of Northern California	9/17/1959	Not declared	2	—	$100,000

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1960 Major Fires	Fire	—	1960	Lassen, Plumas, Shasta, Sierra, Tehama	8/16/1960	Not declared	—	—	$3,075,000
1960 Major Fires	Fire	—	1960	Los Angeles, San Bernardino	7/21-22/60	Not declared	—	12	$10,000,000
1961 Major Fires	Fire	—	1961	Amador, Butte, El Dorado, Napa, Nevada, Placer, San Diego, Sonoma, Tehama	9/8/1961	Not declared	—	—	$5,696,813
1961 Major Fires (Madera)	Fire	—	1961	Madera	Not Proclaimed	Not declared	2	—	—
Bel Air Fires	Fire	DR-119	1961	Los Angeles (Bel Air area)	Not Proclaimed	11/16/1961	—	103	—
High Tides and Waves	Flood	—	1961	Ventura	1/16/1961	Not declared	—	—	—
Fires and Explosions	Fire	—	1962	Alameda	9/14/1962	Not declared	1	12	$500,000
1962 Floods and Rains	Flood	—	1962	Alameda, Butte, Contra Costa, Modoc, Napa San Mateo, Sierra, Sutter, Yuba, Placer, Trinity, Lassen	10/17/62, 10/25/62, 10/30/62, & 11/4/62	10/24/1962	—	—	$4,000,000
Flood and Rainstorm	Flood	DR-122	1962	Los Angeles, Ventura	2/16/62 and 2/23/62	3/6/1962	—	—	—
1963 Floods	Flood	—	1963	Northern California (boundaries of San Luis Obispo, Ventura, Los Angeles, and San Bernardino counties to the Oregon border)	2/14/1964	Not declared	—	—	—
High Tides and Heavy Surf	Flood	—	1963	Orange, City of Redondo Beach	Not Proclaimed	Not declared	5	—	$500,000
1963 Floods and Rains	Flood	—	1963	Alpine, Nevada, Placer, Plumas, Sierra, Amador, Colusa, El Dorado, Glenn, Lake, Lassen, Tehama, Santa Clara, Santa Cruz, Siskiyou, Yolo, Tulare, Mono, Trinity, Yuba	2/7/63, 2/26/63, 2/29/63, 4/22/63	145 (2/25/63)	—	—	—
Severe Storms and Flooding	Flood	DR-138	1963	Statewide	—	10/24/1962	—	—	—
Severe Storms, Heavy Rains and Flooding	Flood	DR-145	1963	Statewide	—	2/25/1963	—	—	—
Baldwin Hills Dam Failure	Flood	DR-161	1963	Los Angeles	12/16/1963	12/21/1963	—	—	$5,233,203
Weldon Fire	Fire	—	1964	Los Angeles	3/16/1964	Not declared	—	—	$2,000,000
Fires and High Winds	Fire	—	1964	Napa, Sonoma, Santa Barbara	9/22/64, 9/23/64, 9/25/64	Not declared	—	—	$16,500,000

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1964 Heavy Rains	Flood	—	1964	Humboldt	2/10/1964	Not declared	—	—	$1,407,000
1964 Storms	Flood	—	1964	Los Angeles	4/3/1964	Not declared	—	—	$1,610,300
1964 Late Winter Storms	Flood	DR-183	1964	Del Norte, Humboldt, Shasta, Mendocino, Colusa, Glenn, Lassen, Plumas, Sierra, Siskiyou, Sonoma, Sutter, Tehama, Trinity, Amador, Butte, El Dorado, Modoc, Nevada, Placer, Yuba, Alpine, Lake, Sacramento, Yolo, Marin	12/22/64, 12/23/64, 12/28/64, 1/5/65, 1/14/65	12/24/1964	—	—	$213,149,000
Seismic Sea Wave	Other	DR-169	1964	Statewide	—	4/1/1964	—	—	—
(Del Norte)	Tsunami	—	1964	Del Norte	3/28/1964	4/1/1964	12		$10,000,000
1964 Tsunami (Marin)	Tsunami	—	1964	Marin	9/15/1964	Not declared	—	—	—
1965 Riots	Civil Unrest	—	1965	Los Angeles	8/14/1965	Not declared	32	874	$44,991,000
1965 Fires	Fire	—	1965	Marin, Napa, Placer, Solano, Sonoma	9/18/1965	Not declared	—	—	—
Flooding and Landslides	Flood	—	1965	City of Burbank, Los Angeles	1/5/1965	Not declared	—	—	—
1965 Heavy Rainfall	Flood	DR-211	1965	Riverside, San Bernardino, Ventura, San Diego	11/24/65, 11/26/65, 12/23/65	12/7/1965, 1/3/1966	—	—	$21,843,739
1965 Landslide	Landslide	—	1965	City of Los Angeles (Pacific Palisades area), Los Angeles County	6/21/1965	Not declared	—	—	$6,488,600
1966 Riots	Civil Unrest	—	1966	San Francisco	9/27/1966	Not declared	—	42	—
1966 Rains	Flood	DR-212	1966	Humboldt	1/14/1966	1/22/1966	—	—	$6,918,000
1966 Winter Storms	Flood	DR-223	1966	Kern, Riverside, Tulare, San Bernardino, San Luis Obispo, Monterey, City of Escondido (San Diego County), Inyo	12/9/66, 12/13/66, 12/16/66, 12/23/66	1/2/1967	—	—	$28,761,041
1966 Landslides	Landslide	—	1966	Redwood City (San Mateo)	12/16/1966	Not declared	—	—	$100,000
Woodson Fire	Fire	—	1967	Los Angeles, Orange, San Diego, Ventura	1/7/1967	Not declared	—	—	$11,345,000
1968 Riots	Civil Unrest	—	1968	City of Richmond (Contra Costa County)	8/2/1968	Not declared	—	—	—
Berkeley Riots	Civil Unrest	—	1969	City of Berkeley (Alameda County)	Not Proclaimed	Not declared	—	—	—
Heavy Snow Runoff	Flood	DR-227	1969	Kings	1/28/1996	8/15/1969	—	—	$2,812,500

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1969 Storms	Flood	DR-253	1969	Los Angeles, San Luis Obispo, Fresno, Inyo, Riverside, San Bernardino, Santa Barbara, Tulare, Ventura, Amador, El Dorado, Kern, Kings, Madera, Modoc, Mono, Monterey, Orange, Placer, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Tuolumne, Mariposa, Merced, Calaveras, San Benito, Sierra, Contra Costa, Humboldt, Mendocino, Sonoma, Plumas, Tehama, Yuba, Butte, Marin, Yolo	1/23/69, 1/25,69, 1/28/69, 1/29/69, 2/8/69, 2/10/69, 2/16/69, 3/12/69	1/26/1969	47	161	$300,000,000
Flooding & Falling Trees	Flood	DR-270	1969	Kings	Not Proclaimed	8/15/1969	–	–	–
1969 Freeze	Freeze	–	1969	San Diego	2/5/1969	Not declared	–	–	$10,000,000
Santa Barbara Oil Spill	HazMat	–	1969	Coastal Areas of Southern California	Not Proclaimed	Not declared	–	–	–
1970 Riots	Civil Unrest	–	1970	Santa Barbara	2/26/1970	Not declared	–	12+	$300,000
Fire (Tuolumne)	Fire	–	1970	City of Sonora (Tuolumne County), Tuolumne	2/26/1970	Not declared	–	–	
Fires (Riverside)	Fire	–	1970	Riverside	12/22/1970	Not declared	–	–	$3,200,000
1970 Fires	Fire	DR-295	1970	City of Oakland (Alameda County), Los Angeles, Ventura, San Diego, Kern, San Bernardino, Monterey, Riverside	9/24/70, 9/28/70, 10/1/70, 10/2/70, 10/20/70, 11/14/70	9/29/1970	19	– $2,300,000	$223,611,000
1970 Storms and Floods	Flood	–	1970	Contra Costa	4/10/1970	Not declared	–	–	–
1970 Northern California Flooding	Flood	DR-283	1970	Butte, Colusa, Glenn, Lake, Lassen, Marin, Modoc, Plumas, Shasta, Siskiyou, Tehama, Trinity, Sutter, Yuba, Del Norte, Alameda, El Dorado, Mendocino	1/27/1970, 2/3/1970, 2/10/1970, 3/2/1970	2/16/1970	–	– $27,657,478	

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
————1970 Freeze	Freeze	—	1970	Napa, Sonoma, Mendocino, San Joaquin, Lake	5/1/70, 5/19/70, 6/8/70, 6/10/70, 7/24/70	Not declared	—	—	$19,749,200
————1970 Landslide (Los Angeles)	Landslide	—	1970	City of Los Angeles (Los Angeles County)	3/10/1970	Not declared	—	—	$8,500,000
1970 Landslide (Oakland)	Landslide	—	1970	City of Oakland (Alameda)	Not Proclaimed	Not declared	—	—	—
San Fernando Earthquake	Earthquake	DR-299	1971	Los Angeles	2/9/1971	2/9/1971	58	2,000	$483,957,000
1971 Fires	Fire	—	1971	Santa Barbara	10/13/1971	Not declared	4	—	$9,000,000
1972 High Tides	Flood	—	1971	Ventura	5/19/1971	Not declared		—	$250,000
Exotic Newcastle Disease Epidemic	Agricultural	—	1972	Los Angeles, Orange, Riverside, San Bernardino, San Diego, Ventura, Santa Barbara	4/10/72, 5/22/72	Not declared	—	—	$10,000,000
1972 Drought	Drought	—	1972	Glenn, San Benito, Santa Clara	7/3/1972	Not declared	—	—	
1972 Severe Weather	Flood	—	1972	Sutter	9/3/1972	Not declared	—	—	$2,004,300
1972 Heavy Rains and Mud Slides	Flood	—		Monterey	10/24/1972	Not declared	—	— $8,000,000	
1972 Storms	Flood	DR-316	1972	Santa Barbara	1/3/1972	2/11/1972	—	—	$2,660,000
1972 Continuing Storms	Flood	DR-329 1972	1972	Del Norte, Humboldt	2/28/1972, 3/28/72	4/5/1972	—	— $720,000	
Andrus Island Levee Break	Flood	DR-342	1972	Sacramento	6/21/1972	6/27/1972	—	— $6,817,618	$23,681,630
1972 Freeze (Lake)	Freeze	—		Lake	7/13/1972	Not declared	—	—	
1972 Freeze	Freeze	— 1972	1972	Fresno, Kings, Tulare, Merced, Kern, Madera, San Benito, Stanislaus, El Dorado, Tehama, Placer, Nevada, San Joaquin, Colusa, Siskiyou, Modoc, Santa Clara	4/17/72, 5/22/72, 5/31/72	Not declared	—	— $357,000	$111,517,260
Southern Pacific Railroad Fires and Explosions (Roseville)	Fire	—	1973	Sacramento, Placer	4/30/1973	Not declared	—		$2,925,000
1973 Fires	Fire	—	1973	Los Angeles	7/16/1973	Not declared	—37	—	$1,300,000
Boulder Fire	Fire	—	1973	San Diego	12/12/1973	Not declared	—	—	
1973 High Tides	Flood	—	1973	Ventura	2/1/1973	Not declared	—	— $215,700	$1,027,000

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1973 Storms and Floods	Flood	—	1973	Colusa, Glenn, Napa, Placer, Sutter, Yuba	2/28/1973	Not declared	—	—	$1,864,000
Storms and Floods (Mendocino)	Flood	—	1973	Mendocino	3/15/1973	Not declared	—	—	$1,523,200
Storms and Floods (San Mateo)	Flood	—	1973	City of Pacifica (San Mateo County)	4/11/1973	Not declared	—	—	$700,000
Severe Storms, High Tides & Flooding	Flood	DR-364	1973	Marin, San Luis Obispo, City of South San Francisco (San Mateo County), Santa Barbara, Solano, Ventura	1/23/73, 1/30/73, 2/8/73, 2/28/73	2/3/1973	—	—	$17,998,250
————1973 Freeze	Freeze	—	1973	Butte	2/28/1973	Not declared	—	—	$300,000
Eucalyptus Tree Freeze	Freeze	—	1973	Alameda, Contra Costa	4/4/1973	Not declared	—	—	—
Gasoline Shortage	Economic	—	1974	Alameda, Contra Costa, Los Angeles, Orange, Riverside, San Mateo, Solano, Santa Clara, Ventura	2/28/74, 3/4/74, 3/10/74	Not declared	—	—	—
———Storms (Santa Cruz)	Flood	—	1974	Santa Cruz	2/28/1974	Not declared	—	—	$763,267
1974 Storms	Flood	DR-412	1974	Humboldt, Shasta, Siskiyou, Trinity, Glenn, Mendocino, Tehama	1/17/74, 1/18/74	1/25/1974	—	—	$35,192,500
———1974 Storms	Flood	DR-432	1974	Mendocino	4/23/1974	5/7/1974	—	—	$4,475,900
Butte Earthquake	Earthquake	75-03	1975	Butte	Unknown	8/1/1975	—	—	—
1975 Fires	Fire	—	1975	Los Angeles	11/24/1975	Not declared	—	—	$19,486,960
Heavy Rain and Snow (El Dorado)	Flood	75-01	1975	El Dorado	2/1/1975	Not declared	—	—	—
Heavy Rain and Snow (Kern)	Flood	75-04	1975	Kern	11/1/1975	Not declared	—	—	—
1976 Drought	Drought	—	1976	Alpine, Calaveras, Colusa, Fresno, Glenn, Madera, Merced, San Diego, San Joaquin, Solano, Stanislaus, Sutter, Tuolumne, Alameda, Butte, Contra Costa, Kings, Los Angeles, Riverside, San Luis Obispo, Tulare, Yolo, Amador, Monterey, Napa, Nevada, San Benito, San Bernardino, Tehama, San Mateo, Marin	2/9/76, 2/13,76, 2/24/76, 3/26/76, 7/6/76	Not declared	—	—	$2,664,000,000

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
————1976 Heavy Rains and Windstorms	Flood	76-02	1976	San Diego	9/1/1976	Not declared	—	—	—
1976 High Winds and Flooding	Flood	DR-521	1976	Imperial, Riverside, San Bernardino, San Diego	9/13/76, 9/22/76	9/21/1976	—	—	
Drought	Drought	EM-3023	1977	Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba	Not Proclaimed	1/20/1977	—	—$120,132,77+	
Sycamore Fire	Fire	—		Santa Barbara	7/27/1977	Not declared	—	—	
Scarface Fire	Fire	FM-2028	1977	Modoc	Not Proclaimed	8/1/1977	—	—	—
1977 Heavy Rains and Windstorms	Flood	1977 76-03/04	1977	San Bernardino	1/1/1977	Not declared	—	$25,540,755 —	—
Imperial County Flooding	Flood	77-02	1977	Imperial	8/23/1977	Not declared	—	—	$28,498,469
Desert Hot Springs Heavy Rains	Flood	77-01	1977	Imperial	8/31/1977	Not declared	—	—	—
Threat of Floods	Flood	—	1977	Monterey, Riverside	9/8/1977	Not declared	—	—	$6,110,000
Heavy Rainstorms	Flood	77-03/04	1977	Imperial, Mendocino, Riverside	10/1/1977	Not declared	—	—	—
——1977 Storms	Flood	77-05	1977	San Diego, Kern, Humboldt, City of Arvin (Kern County)	1/10/78, 12/23/77, 1/22/77, 12/21/77	Not declared	—	—	$38,009,035
PSA Air Crash	Air Disaster	—	1978	City of San Diego (San Diego County)	1/15/1979	Not declared	150	—	—
Santa Barbara Earthquake	Earthquake	—	1978	Santa Barbara	8/15/1978	Not declared	—	65	$12,987,000
1978 Los Angeles Fire	Fire	EM-3067	1978	Los Angeles	10/24/1978	10/29/1978	1	—	
Heavy Rains (Marin)	Flood	78-02	1978	Marin	1/1/1978	Not declared	—	—	—
									$61,279,374

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1978 Storms and Flooding	Flood	78-01/03	1978	Riverside, San Diego	1/26/1978	Not declared	—	—	—
Heavy rains excluded	Flood	78-06-11	1978	Santa Clara, Solano, Sonoma, Tuolumne, Colusa	2/13/1978	Not declared	—	—	—
Inyo County Flooding	Flood	78-13	1978	Inyo	9/1/1978	Not declared	—	—	—
1978 Storms	Flood	78-03/04	1978	Humboldt, Mendocino, Santa Cruz	1/27/78, 1/20/78	Not declared	—	—	$6,126,409
1978 Winter Storms	Flood	DR-547	1978	Inyo, Mono, San Diego, San Luis Obispo, Kings, Monterey, Kern, Los Angeles, Orange, Riverside, San Bernardino, Santa Barbara, Tulare, Ventura	3/9/78, 2/27,78, 2/13/78	2/15/1978	14	21	$117,802,785
Laguna Landslide	Landslide	DR-566	1978	City of Laguna Beach (Orange County)	10/5/1978	10/9/1978	—	—	$16,595,000
Imperial Earthquake	Earthquake	DR-609	1979	Imperial	10/16/1979	10/16/1979	—		$21,197,250
Gasoline Shortage	Economic	—	1979	Alameda, Contra Costa, Los Angeles, Marin, Monterey, Orange, Riverside, San Francisco, San Diego, Santa Clara, Santa Cruz, San Mateo, Ventura, San Bernardino, Sonoma	5/8/79 - 11/13/79	Not declared	— 91	—	—
1979 Fires	Fire	—	1979	Santa Barbara, Ventura, Los Angeles, El Dorado	9/28/79, 9/21/79, 9/20/79	Not declared	—	—	$9,970,119
1979 Storms and Floods (San Diego)	Flood	79-01	1979	San Diego	2/1/1979	Not declared	—	—	—
Excessive Rains	Flood	—	1979	Riverside	Not Proclaimed	Not declared	—	—	—
1979 Severe Storms (Riverside)	Flood	DR-594	1979	Riverside	7/26/1980	7/27/1979	—	—	$25,867,100
1980 Mediterranean Fruit Fly Infestation	Agricultural	—	1980	Alameda, Santa Clara	12/1/1980	Not declared	—	—	—
Owens Valley Earthquake	Earthquake	—	1980	Mono	5/28/1980	Not declared	—	9	$2,000,000
1980 Southern California Fires	Fire	DR-635	1980	San Bernardino, Los Angeles, Orange, Riverside	11/18/1980, 11/25/80	11/27/1980	—	—	$64,795,200
—1980 March Storms	Flood	—	1980	Stanislaus, Monterey, Solano, Santa Cruz	3/5/1980	Not declared	—	—	—

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1980 April Storms	Flood	80-01 - 80-25	1980	Alpine, Amador, El Dorado, Inyo, Lake, Marin, Monterey, Placer, Plumas, San Mateo, Santa Cruz, Sierra, Solano, Stanislaus, Tuolumne, Calaveras	4/1/1980	Not declared	–	–	–
1980 Winter Storms	Flood	DR-615	1980	Santa Barbara, Los Angeles, Orange, Riverside, Ventura, San Bernardino, San Diego	2/21/80, 2/7/80, 2/19/80	2/21/1980	–	–	–
Jones Tract Levee Break	Flood	DR-633	1980	San Joaquin	9/30/1980	9/30/1980	–	–	$21,510,956
Delta Levee Break	Flood	EM-3078	1980	Contra Costa, Sacramento, San Joaquin	1/23/1980	1/23/1980	–	–	$17,388,013
1981 Mediterranean Fruit Fly Infestation	Agricultural	–	1981	Contra Costa, Los Angeles, San Benito, Stanislaus, Santa Cruz, San Mateo	8/8/81 - 9/25/81	Not declared	–	–	$22,000,000
Imperial County Earthquake	Earthquake	81-02	1981	Imperial	4/1/1981	Not declared	–	–	–
Major Brush Fire	Fire	–	1981	Napa	6/1/1981	Not declared	–	–	–
Atlas Peak Fire	Fire	–	1981	Napa	6/24/1981	Not declared	–	–	$31,000,000
Strong Winds & Fire	Fire	82-01	1981	Humboldt	10/81	Not declared	–	–	–
Wave Action & High Tides	Flood	81-01	1981	San Mateo	3/81	Not declared	–	–	–
Rains Causing Agricultural Losses	Agricultural	–	1982	Fresno, Madera, Merced, Monterey, Kern, Tulare, Sacramento, San Joaquin, Solano, Stanislaus, Yolo	10/26/1982	Not declared	–	–	$345,195,974
Dayton Hills Fire	Fire	–	1982	Los Angeles, Orange, Ventura	10/10/1982	Not declared	–	–	$19,277,102
Orange Fire	Fire	DR-657	1982	Orange	4/21/1982	4/21/1982	–	–	$50,877,040
Heavy Rains and Flooding	Flood	82-03	1982	Amador, Calaveras, Madera, Mono, Sacramento, Santa Clara, Santa Cruz, Sierra, Yuba	4/1/1982	Not declared	–	–	–
1982 Heavy Rains	Flood	82-16	1982	Inyo	9/27/1982	Not declared	–	–	$6,161,320
High Tides and Rains	Flood	–	1982	Contra Costa, Sacramento, San Joaquin	12/8/1982	Not declared	–	–	$6,964,998
Rain and Flooding (Imperial)	Flood	82-17	1982	Imperial	12/82	Not declared	–	–	–

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1982 Winter Storms	Flood	DR-651	1982	Alameda, Santa Clara, Solano, San Joaquin, Contra Costa, Humboldt, Marin, San Mateo, Santa Cruz, Sonoma	1/5/82 - 1/9/82	1/7/1982	33	481	$273,850,000
McDonald Island Levee Break	Flood	DR-669	1982	McDonald Island (San Joaquin County)	8/24/1982	8/24/1982	—	—	
1982-83 Floods	Flood	DR-677, 82-18	1982	Contra Costa, San Joaquin, Sacramento, Marin, San Mateo, Los Angeles, San Diego, Alameda, Orange, San Benito, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sonoma, Ventura, Trinity, Colusa, Lake, Mendocino, Monterey, San Luis Obispo, Solano, Yolo, Butte, Glenn, Kern, Kings, San Bernardino, Sutter, Tehama, Merced, Del Norte, Fresno, Madera, Napa, Placer, Riverside, Stanislaus, Tulare, Humboldt, Mariposa, Nevada, Yuba	12/8/82 - 3/21/83	2/9/1983	—	—	$523,617,032 $11,561,870
Mexican Fruit Fly	Agricultural	—	1983	Los Angeles	11/4/1983	Not declared	—	—	—
Coalinga Earthquake	Earthquake	DR-682	1983	Fresno	5/2/1983	5/3/1983	—	47	$31,076,300
Bradford Levee Failure	Flood	83-05	1983	Contra Costa, Alameda	12/9/83, 1/18/84	Not declared	—	—	
1983 Floods	Flood	82-19	1983	Los Angeles	3/83	Not declared	—	—	— $10,909,785
River Junction Storms	Flood	83-02	1983	San Joaquin	3/83	Not declared	—	—	—
Colorado River Flooding	Flood	DR-687, 83-07	1983	Riverside, San Bernardino, Imperial	6/23/83, 6/28/83	7/1/1983	—	—	$4,640,315
1983 Summer Storms	Flood	DR-690, 83-09	1983	Inyo, Riverside, San Bernardino	8/29/1983	8/29/1983	3	—	
San Bernardino Flooding	Flood	84-01	1983	San Bernardino	11/83	Not declared	—	—	—
High Winds	Wind	83-01	1983	Yuba, Los Angeles	3/83	Not declared	—	—	$34,689,155 —
Morgan Hill Earthquake	Earthquake	EM-4043	1984	Santa Clara	Not Proclaimed	4/25/1984	—	27	$7,265,000
High Tides / Storms	Flood	83-06	1984	Contra Costa	1/1/1984	Not declared	—	—	—
1984 Storms (Kern)	Flood	84-01	1984	Kern	Unknown	Not declared	—	—	$1,600,000
1984 Floods	Flood	84-02, 84-03	1984	Inyo, Mono	Unknown	9/1/1984	—	—	—
Wheeler Fire	Fire	—	1985	Ventura	10/14/1985	Not declared	1	2	—

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1985 Statewide Fires	Fire	DR-739	1985	San Diego, City of Los Angeles (Los Angeles County), San Luis Obispo, Monterey, Santa Clara, Santa Cruz, Ventura	7/1/85 - 7/11/85	7/18/1985	3	470	$64,845,864
Lexington Fire	Fire	FM-2054	1985	Santa Clara	Not Proclaimed	7/11/1985	—	—	—
Hidden Valley Lake Fire	Fire	FM-2055	1985	Lake	Not Proclaimed	7/11/1985	—	—	—
——Hydrilla Infestation	Invasive Species	—	1985	Shasta	9/13/1985	Not declared	—	—	—
Plane Crash	Air Disaster	—	1986	City of Cerritos (Los Angeles County)	8/31/1986	Not declared	82	2	—
Earthquake (Riverside)	Earthquake	86-02	1986	Riverside	10/86	Not declared	—	—	—
Heavy Rains	Flood	—	1986	Monterey, Siskiyou	3/26/1986	Not declared	—	—	$400,000
1986 Storms	Flood	DR-758, 86-01	1986	Humboldt, Napa, Sonoma, Glenn, Lake, Marin, Modoc, Sacramento, Santa Clara, Santa Cruz, Solano, Yuba, Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Lassen, Mendocino, Nevada, Placer, Plumas, San Joaquin, Sierra, Sutter, Tehama, Tuolumne, Yolo, Fresno, Madera, San Mateo, Alameda, Contra Costa, Del Norte, Trinity, Mono, San Benito, Shasta	2/18/86 – 3/12/86	2/18/1986	13	67	$407,538,904
Mediterranean Fruit Fly	Agricultural	—	1987	Los Angeles	8/25/1987	Not declared	—	—	—
Imperial County Earthquake	Earthquake	87-03	1987	Imperial	11/23/1987	Not declared	—	94	$2,638,833
Whittier Earthquake	Earthquake	DR-799, 87-01	1987	Monterey Park (Los Angeles County), City of Whittier (Los Angeles County), Los Angeles, Orange	10/2/87 - 10/5/87	10/7/1987	9	200+	$358,052,144
Del Monte Fire	Fire	—	1987	Monterey	5/1/1987	Not declared	—	8	$15,000,000
Acorn Fire	Fire	—	1987	Alpine	8/3/1987	Not declared	—	3	$8,500,000
Wildfires/ Flooding/ Mud Slides	Fire	87-01	1987	San Diego	11/19/1987	Not declared	—	—	$5,371,150

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1987 Wildland Fires	Fire	—	1987	Colusa, Del Norte, Butte, Fresno, Humboldt, Inyo, Kern, Lake, Lassen, Mariposa, Mendocino, Modoc, Mono, Nevada, Placer, Plumas, Riverside, San Bernardino, Shasta, Sierra, Siskiyou, Trinity, Tulare, Tuolumne	9/10/87, 9/3/87	Not declared	3	76	$18,000,000
Stanislaus Fire Complex	Fire	FM-2065	1987	Mariposa	Not Proclaimed	9/2/1987	—	—	—
Mediterranean Fruit Fly	Agricultural	—	1988	Los Angeles	7/21/1988	Not declared	—	—	—
Fire and Wind Driven Waves	Fire	—	1988	City of Redondo Beach (Los Angeles County)	6/15/1988	Not declared	—	—	$25,000,000
Wildland Fires (Calaveras)	Fire	88-01	1988	Calaveras	7/21/1988	Not declared	—	—	—
Fires (Los Angeles)	Fire	88-03	1988	Los Angeles	12/9/1988	Not declared	—	2	$12,400,000
1988 Fires	Fire	87-07	1988	Los Angeles	5/88	Not declared	—	—	—
Fires (Forty-Niner, Miller, Fern)	Fire	DR-815	1988	Shasta, Solano, Yuba, Nevada	9/11/88-9/20/88	9/13/1988	—	—	—
Forty-Niner Fire	Fire	FM-2071	1988	Nevada	Not Proclaimed	9/13/1988	—	—	—
1988 Storms	Flood	87-06	1988	Santa Barbara, City of San Buenaventura	Unknown	Not declared	—	—	—
Coastal Storms	Flood	DR-812, 87-04	1988	Los Angeles, Orange, San Diego, San Bernardino, Ventura	1/21/1988	2/5/1988	—	—	—
Mediterranean Fruit Fly (Los Angeles)	Agricultural	—	1989	Los Angeles	8/9/1989	Not declared	—	—	—
Mediterranean Fruit Fly (Santa Clara)	Agricultural	—	1989	Santa Clara	9/6/1989	Not declared	—	—	—
Mediterranean Fruit Fly (San Bernardino)	Agricultural	—	1989	San Bernardino	10/3/1989	Not declared	—	—	—
Mediterranean Fruit Fly	Agricultural	—	1989	Orange, Mariposa	11/20/1989	Not declared	—	—	—
Loma Prieta Earthquake	Earthquake	DR-845, 89-05	1989	Alameda, Monterey, San Benito, San Mateo, Santa Clara, Santa Cruz, San Francisco, Contra Costa, Marin, City of Isleton (Sacramento County), City of Tracy (San Joaquin County), Solano	10/18/89 - 10/30/89	10/18/1989	63	3,757	$888,662,382

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Mediterranean Fruit Fly (Riverside)	Agricultural	—	1990	Riverside	4/18/1990	Not declared	—	—	—
Mexican Fruit Fly	Agricultural	—	1990	Los Angeles, San Diego	5/14/1990	Not declared	—	—	—
1990 Drought	Drought	—	1990	City of Santa Barbara (Santa Barbara County)	7/17/1990	Not declared	—	—	—
Santa Barbara Drought	Drought	—	1990	Santa Barbara	11/13/1990	Not declared	—	—	—
Upland Earthquake	Earthquake	89-07	1990	Los Angeles, San Bernardino	3/9/90, 3/13/90	Not declared	—	38	$12,034,150
Finley Fire/Yosemite Fire	Fire	90-01, 90-02	1990	Mariposa, Kern, Tehama	8/13/90, 8/14/90	Not declared	1	84	$548,000,000
Santa Barbara Fires	Fire	DR-872, 89-08	1990	Los Angeles, Santa Barbara, Riverside, San Bernardino	6/28/90, 6/29/90	6/30/1990	3	89	$4,061,861
1990 Severe Storms	Flood	989-06	1990	Butte, Nevada	2/22/1990	Not declared	1	17	$11,500,000
1990 Freeze	Freeze	DR-894	1990	Santa Cruz, Fresno, Glenn, Imperial, Kern, Mendocino, Monterey, Riverside, San Benito, San Bernardino, San Diego, San Mateo, Santa Barbara, Santa Clara, Solano, Sonoma, Tulare, Ventura, Alameda, Butte, Colusa, Los Angeles, Madera, Marin, Merced, Napa, San Joaquin, San Luis Obispo, Sutter, Yolo, Yuba, Stanislaus, Tehama	12/19/90-1/18/91	2/11/1991	—	—	$856,329,675
Sweet potato Whitefly	Agricultural	—	1991	Imperial, Riverside	Not Proclaimed	Not declared	—	—	$12,700,000
Sierra Madre Earthquake	Earthquake	91-04	1991	Los Angeles	7/5/1991	Not declared	1	30	$33,500,000
East Bay Hills Fire	Fire	DR-919, 91-05	1991	Alameda County	10/20/1991	10/22/1991	25	150	$56,996,503
1991 Heavy Rains	Flood	91-01, 91-03	1991	San Bernardino, San Diego	4/1/1991	Not declared	—	—	—
Los Angeles Civil Unrest	Civil Unrest	DR-942, 92-03	1992	Los Angeles	4/29/1992	5/22/1992	53	2,383	$122,431,732
1992 Humboldt Earthquake	Earthquake	DR-943, 92-02	1992	Humboldt	4/25/1992	5/5/1992		356	$17,829,642
Landers/Big Bear Earthquake	Earthquake	DR-947, 92-04	1992	Riverside, San Bernardino, Los Angeles	6/28/1992	6/28/1992	1	402	$15,579,530
Fountain Fire	Fire	DR-958, 92-05	1992	Calaveras, Shasta	8/21/1992	8/29/1992		8	$38,152,133
1992 Winter Storms	Flood	DR-935, 92-01	1992	Los Angeles, Ventura, City of Los Angeles, Kern, Orange, San Bernardino	2/12/92, 2/19/92	2/25/1992	5		$53,897,542

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1992 Late Winter Storms	Flood	DR-979, 93-01	1992	Alpine, Los Angeles, Humboldt, Napa, Santa Barbara, Culver City (Los Angeles County), City of Los Angeles (Los Angeles County), Contra Costa, Mendocino, Sonoma, Fresno, Imperial, Madera, Monterey, San Bernardino, Sierra, Tehama, Trinity, Tulare, Modoc, Orange, Riverside, Lassen, Siskiyou, Plumas, San Diego	1/7/93 - 2/19/93	1/15/1993	20	10	$226,018,111
Point Loma Sewage Spill	HazMat	—	1992	San Diego, City of Chula Vista, City of Coronado, San Diego	2/6/92, 2/7/92	Not declared	—	—	—
——Mediterranean Fruit Fly (Riverside)	Agricultural	—	1993	Riverside	12/93	Not declared	—	—	—
Klamath Earthquake	Earthquake	93-03	1993	Modoc	10/93	Not declared	—	—	—
1993 Southern California Firestorms	Fire	DR-1005, 93-05	1993	Los Angeles, Ventura, San Diego, Orange, Riverside, San Bernardino	10/27/93, 10/28/93	10/28/1993	4	162	$83,032,567
Flash flooding	Flood	92-06, 92-09	1993	San Bernardino	1/93	Not declared	—	—	—
Tijuana River Pollution	HazMat	—	1993	San Diego	9/10/1993	Not declared	—	—	—
New River Pollution	HazMat	—	1993	Imperial	10/6/1993	Not declared	—	—	—
Tornado	Tornado	93-02	1993	Imperial	9/10/1993	Not declared	—	—	—
Mediterranean Fruit Fly (Ventura)	Agricultural	—	1994	Ventura	10/7/1994	Not declared	—	—	—
Northridge Earthquake	Earthquake	DR-1008, 94-01	1994	Los Angeles, Ventura, Orange	1/17/94, 1/24/94	1/17/1994	57	11,846	$6,115,103,071
1994 Humboldt Earthquake	Earthquake	94-03	1994	Humboldt	12/29/1994	Not declared	—	—	$1,300,000
San Luis Obispo Fire - Hwy 41	Fire	94-02	1994	San Luis Obispo	8/24/1994	Not declared	—	12	$6,382,235
Salmon fisheries	Fishing Losses	DR-1038	1994	Del Norte, Humboldt, Mendocino, Sonoma	5/20/1994	9/20/1994	—	—	$30,300,000
Vision Fire (Marin)	Fire	95-05	1995	Marin	10/95	Not declared	—	—	—
Humboldt County Flooding	Flood	96-02	1995	Humboldt	12/95	Not declared	—	—	—

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1995 Winter Storms (Southern CA)	Flood	DR-1044, 95-02	1995	Los Angeles, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Ventura	01/06/95 - 01/11/95	1/10/1995	–	–	–
1995 Winter Storms (Northern CA)	Flood	DR-1044, 95-01	1995	Alameda, Amador, Butte, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kern, Kings, Lake, Lassen, Madera, Marin, Mendocino, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Mateo, Santa Clara, Santa Cruz, Shasta, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo, Yuba	Varies from 01/09/95 - 02/17/95	1/10/1995	–	–	–
1995 Severe Winter Storms	Flood	DR-1044, 95-01, 95-02, 95-03, 95-04	1995	Los Angeles, Orange, Humboldt, Lake, Sonoma, Butte, Colusa, Contra Costa, Del Norte, Glenn, Kern, Lassen, Mendocino, Modoc, Monterey, Napa, Placer, Plumas, San Luis Obispo, Santa Barbara, Santa Clara, Santa Cruz, Tehama, Ventura, Yolo, Yuba, Alpine, Amador, Nevada, Riverside, Sacramento, San Bernardino, San Mateo, Shasta, Sutter, Trinity, San Diego, Alameda, Marin, Fresno, Kings, El Dorado, Madera, Solano, Siskiyou	1/6/95 - 3/14/95	1/13/1995	11	–	$221,948,347
1995 Late Winter Storms (Southern CA)	Flood	DR-1046, 95-04	1995	Imperial, Inyo, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Ventura	03/12/95, 03/14/95	3/12/1995	–	–	–

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
——1995 Late Winter Storms (Northern CA)	Flood	DR-1046, 95-03	1995	Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Humboldt, Kern, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, Yuba	Varies from 03/12/95 - 03/24/95	3/12/1995	—	—	—
1995 Late Winter Storms	Flood	DR-1046, 95-03-N, 95-04-S	1995	All counties except Del Norte	Varies from 03/12/95 - 03/24/95	1/10/1995	17		$132,040,111
Lake County Fire	Fire	96-03	1996	Lake	8/1/1996	Not declared	—	—	—
1996 Severe Fires	Fire	96-04	1996	Los Angeles, Orange, San Diego, City of San Buenaventura (Ventura)	10/22/1996	Not declared	—	—	—
1996 Southern California Firestorms	Fire	EM-3120	1996	Los Angeles, Orange, San Diego, Ventura	10/1/1996	Emergency Dec only	—	5	$12,589,808
Torrential Winds and Rain	Flood	96-01	1996	Humboldt, Mendocino, Plumas, Sacramento, San Francisco, San Mateo, Santa Cruz, Shasta	1/2/1996	Not declared	—	—	—
——Heavy rain & Flooding	Flood	96-02	1996	Humboldt	1/18/1996	Not declared	—	—	—
Storms & Flooding	Flood	96-05	1996	Humboldt	12/9/1996	Not declared	—	—	—
Flood, Storm & Rain	Flood	96-06	1996	Del Norte	12/10/1996	Not declared	—	—	—
Flooding & Falling Trees	Flood	96-07	1996	Santa Cruz	12/10/1996	Not declared	—	—	—
Fires (Yuba)	Fire	97-02	1997	Yuba	9/28/1997	Not declared	—	—	—
Fires	Fire	97-03	1997	Orange	10/14/1997	Not declared	—	—	—
Floods (Orange)	Flood	97-04	1997	Orange	12/6/1997	Not declared	—	—	—

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Winter Storms	Flood	97-01	1997	Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, Yuba	Varies from 01/02/97 - 01/31/97	Not declared	—	—	—
1997 January Floods	Flood	DR-1155, 97-01	1997	Alpine, Amador, Butte, Colusa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Modoc, Napa, Nevada, Plumas, Sacramento, San Joaquin, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yuba, Calaveras, Madera, Mono, Monterey, Placer, San Benito, San Luis Obispo, San Mateo, Santa Cruz, Shasta, Stanislaus, Tuolumne, Yolo, Contra Costa, Fresno, Marin, Tulare, Mariposa, Merced, Santa Clara, Alameda, San					
Francisco, Kings, Mendocino	1/2/97 -								
1/31/97	1/4/1997	8		$194,352,509					

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
1998 El Nino Floods	Flood	DR-1203, 98-01	1998	Alameda, Amador, Butte, Calaveras, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Kern, Kings, Lake, Los Angeles, Marin, Mendocino, Merced, Monterey, Napa, Orange, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Ventura, Yolo, Yuba,					
Del Norte	Varies from 02/04/98 - 05/15/98	2/9/1998	17		$385,141,192		–	–	–
1998 Freeze (Citrus Crop Damage)	Freeze	DR-1267, 98-02	1998	Fresno, Kern, Kings, Madera, Merced, Monterey, Riverside, Tulare, Ventura	12/29/1998	2/9/1999	–	–	$17,481,385
Avenal Water Pipeline Failure	Facility	99-01	1999	City of Avenal (Kings County)	2/1/1999	Not declared	–	–	$256,609
1999 August Fires	Fire	EM-3140, 99-05	1999	Butte, Humboldt, Napa, Plumas, San Bernardino, Shasta, Tehama, Trinity, Tuolumne, Yuba	8/26/1999	9/1/1999	–	–	$1,154,573
Sonoma Road Failure	Flood	99-03	1999	Sonoma	3/29/1999	Not declared	–	–	$396,521
Mudslides (San Bernardino)	Landslide	99-04	1999	San Bernardino	7/26/1999	Not declared	–	–	$67,272,822
Beaumont Windstorms	Wind	99-02	1999	San Bernardino	2/1/1999	Not declared	–	–	$4,019
Millbrae Landslide	Flood	2000-01	2000	San Mateo	2/1/2000	Not declared	–	–	$8,206,349
Windstorms	Wind	2000-02	2000	Los Angeles	4/1/2000	Not declared	–	–	$78,081
Napa Earthquake	Earthquake	DR-1342, 2000-03	2000	Napa	9/6/2000	9/14/2000	–	–	$17,700,867
2001 March Storms	Flood	2001-01	2001	Los Angeles, San Luis Obispo, Santa Barbara	3/1/2001	Not declared	–	–	$9,353,703
Energy Emergency	Economic	–	2001	Statewide	1/1/2001	Not declared	–	–	–
Rio Dell Water Shortage	Economic	2001-02	2001	City of Rio Dell (Humboldt)	Not Proclaimed	Not declared	–	–	–

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Modoc/Siskiyou Drought	Drought	2001-03	2001	Modoc, Siskiyou	5/4/2001	Not declared	–	–	$14,858,480
Trinity Wildfire	Fire	2001-05	2001	Trinity	9/1/2001	Not declared	–	–	$242,935
Calaveras Wildfire	Fire	2001-04	2001	Calaveras	9/10/2001	Not declared	–	–	$6,693,498
Mexican Fruit Fly (San Diego)	Agricultural	–	2002	San Diego	12/1/2002	Not declared	–	–	–
Williams Fire	Fire	2002-01	2002	Los Angeles	10/10/2002	Not declared	–	–	–
Gavilan Fire	Fire	FM-2396	2002	San Diego	Not Proclaimed	2/11/2002	–	–	$3,035,562
Antonio Fire	Fire	FM-2405	2002	Orange	Not Proclaimed	5/13/2002	–	–	$467,678
Copper Fire	Fire	FM-2417	2002	Los Angeles	Not Proclaimed	6/6/2002	–	–	$2,927,981
BlueCut Fire	Fire	FM-2425	2002	San Bernardino	Not Proclaimed	6/17/2002	–	–	$1,256,818
Louisiana	Fire	FM-2433	2002	San Bernardino	Not Proclaimed	6/27/2002	–	–	$1,445,999
Deer Fire	Fire	FM-2450	2002	Kern	Not Proclaimed	7/21/2002	–	–	$926,099
Pines Fire	Fire	FM-2456	2002	San Diego	Not Proclaimed	7/30/2002	–	–	$26,820,605
Squirrel Fire	Fire	FM-2461	2002	Shasta	Not Proclaimed	9/3/2002	–	–	$2,931,942
Leona Fire	Fire	FM-2462	2002	Los Angeles	Not Proclaimed	9/3/2002	–	–	$2,410,655
Sierra Fire	Fire	FM-2463	2002	Placer	Not Proclaimed	9/19/2002	–	–	$720,595
Williams Fire	Fire	FM-2464	2002	Los Angeles	Not Proclaimed	9/23/2002	–	–	$6,028,991
Croy Fire	Fire	FM-2465	2002	Santa Clara	Not Proclaimed	9/25/2002	–	–	$8,700,329
Storms & Flooding	Flood	2003-01	2003	Humboldt, Mendocino, Trinity	1/1/2003	Not declared	–	–	$5,875,940
2003 August Storms	Flood	2003-02	2003	Imperial, Inyo, San Bernardino	8/8/2003	8/1/2003	–	–	$4,126,902
2003 Southern CA Fires	Fire	DR-1498, 2003-03	2003	Ventura, Los Angeles, San Bernardino, Riverside, San Diego	10/26/2003	10/27/2003	24	246	$177,515,291
Flash Flooding	Flood	2003-04	2003	Los Angeles	11/14/2003	Not declared	–	–	$903,275
San Simeon Earthquake	Earthquake	DR-1505, 2003-05	2003	San Luis Obispo, Santa Barbara	12/23/2003	1/13/2004	–	–	$64,558,853

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Exotic Newcastle Disease Epidemic	Agricultural	—	2003	Los Angeles, Orange, Riverside, San Bernardino, San Diego, Ventura	1/3/2007	Not declared	—	—	—
Bark Beetle Infestation	Economic	—	2003	San Bernardino, San Diego, Riverside	3/7/2003	Not declared	—	—	—
Pass Fire	Fire	FM-2500	2003	Riverside	Not Proclaimed	10/21/2003	—	—	—
Grand Prix Fire	Fire	FM-2501	2003	San Bernardino	Not Proclaimed	10/23/2003	—	—	—
Verdale Fire	Fire	FM-2502	2003	Los Angeles, Ventura	Not Proclaimed	10/25/2003	—	—	—
Old Fire	Fire	FM-2503	2003	San Bernardino	Not Proclaimed	10/25/2003	—	—	—
Simi Fire	Fire	FM-2504	2003	Ventura	Not Proclaimed	10/26/2003	—	—	—
Cedar Fire	Fire	FM-2505	2003	San Diego	Not Proclaimed	10/26/2003	—	—	—
Paradise Fire	Fire	FM-2506	2003	San Diego	Not Proclaimed	10/26/2003	—	—	—
Mountain Fire	Fire	FM-2507	2003	Riverside	Not Proclaimed	10/26/2003	—	—	—
State Road Damage	Flood	—	2003	Alameda, Colusa, Contra Costa, Del Norte, Humboldt, Lake, Marin, Mendocino, Napa, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma, Trinity	1/1/2003	Not declared	—	—	—
Pacific Fire	Fire	FM-2466	2003	Los Angeles	Not Proclaimed	1/7/2003	—	—	$2,017,043
Sawmill Fire	Fire	FM-2473	2003	Kern	Not Proclaimed	6/27/2003	—	—	$946,806
Tejon Fire	Fire	FM-2474	2003	Kern	Not Proclaimed	6/29/2003	—	—	$1,323,296
Railroad Fire	Fire	FM-2475	2003	Riverside	Not Proclaimed	7/3/2003	—	—	$276,200
Canyon Fire	Fire	FM-2487	2003	Riverside	Not Proclaimed	7/25/2003	—	—	$3,681,947
Locust Fire	Fire	FM-2491	2003	Riverside	Not Proclaimed	8/19/2003	—	—	$1,319,887

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Bridge Fire	Fire	FM-2497	2003	San Bernardino	Not Proclaimed	9/5/2003	–	–	$784,529
Whitmore Fire	Fire	FM-2508	2003	Shasta	Not Proclaimed	10/28/2003	–	–	$1,999,031
Snowstorm (Trinity)	Snow	2004-01	2004	Trinity	1/1/2004	Not declared	–	–	$1,122,549
Daly City Flooding	Flood	2004-02	2004	City of Daly City (San Mateo)	2/1/2004	Not declared	–	–	$337,614
Upper Jones Levee Break	Flood	DR-1529, 2004-04	2004	San Joaquin	6/4/2004	6/30/2004	–	–	$27,214,428
Death Valley Flood	Flood	2004-08	2004	Inyo	11/1/2004	Not declared	–	–	$186,052
Wildfires (Eagle & Cerritos Fires)	Fire	2004-03	2004	Riverside	5/4/2004	Not declared	–	–	–
Deep Fire	Fire	2004-06	2004	Tulare	8/1/2004	Not declared	–	–	–
Pattison Fire	Fire	2004-07	2004	Calaveras	9/5/2004	Not declared	–	–	–
Pleasure Fire	Fire	FM-2515	2004	Riverside	Not Proclaimed	4/26/2004	–	–	–
Shasta County Wildfires (French, Bear & Lake Fires)	Fire	FM-2548, FM-2547, FM-2544, 2004-05	2004	Shasta	8/17/2004	8/11/04, 8/14/04	–	–	–
Eagle Fire	Fire	FM-2516	2004	Riverside	Not Proclaimed	5/4/2004	–	8	$6,257,005
Cerritos Fire	Fire	FM-2517	2004	Riverside	Not Proclaimed	5/4/2004	–	10	$5,816,297
Gaviota Fire	Fire	FM-2519	2004	Santa Barbara	Not Proclaimed	6/5/2004	–	44	$6,143,627
Pine Fire	Fire	FM-2528	2004	Los Angeles	Not Proclaimed	7/14/2004	–	–	$9,028,675
Mataguay Fire	Fire	FM-2529	2004	San Diego	Not Proclaimed	7/14/2004	–	7	$2,084,052
Lakeview Fire	Fire	FM-2530	2004	Riverside	Not Proclaimed	7/14/2004	–	–	$74,349
Hollow Fire	Fire	FM-2532	2004	El Dorado	Not Proclaimed	7/14/2004	–	–	$179,440
Melton Fire	Fire	FM-2533	2004	Riverside	Not Proclaimed	7/17/2004	–	–	$2,715,200
Foothill Fire	Fire	FM-2534	2004	Los Angeles	Not Proclaimed	7/18/2004	–	–	$4,319,501

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Crown Fire	Fire	FM-2535	2004	Los Angeles	Not Proclaimed	7/21/2004	–	–	$2,604,924
Calaveras Complex	Fire	FM-2540	2004	Calaveras	Not Proclaimed	8/8/2004	–	14	$4,656,887
Stevens Fire	Fire	FM-2541	2004	Placer	Not Proclaimed	8/8/2004	–	9	$3,469,004
Oregon Fire	Fire	FM-2545	2004	Butte	Not Proclaimed	8/11/2004	–	3	$822,904
Bear Fire (Mariposa)	Fire	FM-2552	2004	Mariposa	Not Proclaimed	9/3/2004	–	–	$1,118,783
Pattison Fire	Fire	FM-2553	2004	Calaveras	Not Proclaimed	9/4/2004	–	2	$3,625,196
Geysers Fire	Fire	FM-2554	2004	Sonoma	Not Proclaimed	9/4/2004	–	19	$2,434,325
Old Hwy Fire	Fire	FM-2555	2004	Mariposa	Not Proclaimed	9/13/2004	–	3	$2,691,934
2005 January Winter Storms	Flood	DR-1577, 2005-01	2005	Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara, Ventura, Kern (HM only)	1/12/2005	2/4/2005	–	–	$281,765,975
2005 Floods Excluded from DR-1585	Flood	DR-1585, 2005-02	2005	Kern, Los Angeles, Orange, Riverside, San Bernardino, San Diego, Ventura	2/1/2005	4/14/2005	–	–	$8,055,058
2005 March Flooding (Mariposa)	Flood	2005-03	2005	Mariposa	3/1/2005	Not declared	–	–	$2,758,943
March Storms and Landslide (San Mateo)	Flood	2005-05	2005	San Mateo	3/1/2005	Not declared	–	–	$337,252
Rain and Flooding (Modoc)	Flood	2005-04	2005	Modoc	5/1/2005	Not declared	–	–	$295,809
Severe Thunderstorms and Flash Flooding	Flood	2005-06	2005	California City (Kern), City of Needles & Town of Yucca Valley (San Bernardino)	9/26/2005	Not declared	–	–	$615,945
Extreme Rainfall	Flood	2005-07	2005	Sierra County	11/7/2005	Not declared	–	–	$504,323
Hurricane Katrina Evacuations	Economic	EM-3248	2005	Statewide	Not Proclaimed	9/13/2005	–	–	$763,576
Quartz Fire	Fire	FM-2571	2005	Madera	Not Proclaimed	7/25/2005	–	–	$1,428,429

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Manton Fire	Fire	FM-2580	2005	Tehama, Shasta	Not Proclaimed	8/26/2005	—	—	$4,048,525
Sundevil Fire	Fire	FM-2582	2005	San Diego	Not Proclaimed	9/5/2005	—	31	$233,530
Topanga Fire	Fire	FM-2583	2005	Los Angeles, Ventura	Not Proclaimed	9/28/2005	—	—	$19,787,415
Woodhouse Fire	Fire	FM-2584	2005	Riverside County	Not Proclaimed	10/5/2005	—	3	$1,040,087
Border #50 Fire	Fire	FM-2585	2005	San Diego County	Not Proclaimed	10/6/2005	—	—	$3,406,702
School Fire	Fire	FM-2586	2005	Ventura County	Not Proclaimed	11/18/2005	—	—	$4,468,439
2005/06 Winter Storms	Flood	DR-1628, 2006-01	2006	Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Del Norte, El Dorado, Humboldt, Lake, Lassen, Marin, Mendocino, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, San Luis Obispo, San Mateo, Santa Cruz, Sierra, Siskiyou, Solano, Sonoma, Sutter, Trinity, Yolo, Yuba counties + statewide HM	1/12/2006	2/3/2006	—	—	$203,050,747
Levee Erosion	Flood	2006-02	2006	City of East Palo Alto (San Mateo)	3/28/2006	Not declared	—	—	$551,736
Spring Storms 2006	Flood	DR-1646, 2006-03	2006	Alameda, Amador, Calaveras, El Dorado, Fresno, Kings, Lake, Madera, Marin, Mariposa, Merced, Napa, Nevada, Placer, San Joaquin, San Mateo, Santa Cruz, Sonoma, Stanislaus, Tulare, Tuolumne	4/10/2006	6/5/2006	—	—	$45,219,721
Well Failure	Other	2006-04	2006	City of Corcoran (Kings)	6/23/2006	Not declared	—	—	$362,988
Sawtooth Complex (Fire)	Fire	FM-2653, 2006-05	2006	San Bernardino	7/13/2006		1	17	$12,346,391
Orchard Fire	Fire	FM-2676	2006	Riverside	9/19/2006	9/16/2006	—	—	$315,525
Major Levee Erosion	Flood	2006-06	2006	Trinity	9/19/2006	Not declared	—	—	$43,913
Day Fire	Fire	FM-2677, 2006-08	2006	Ventura	9/24/2006	—	—	—	$2,050,612

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Esperanza Fire	Fire	FM-2678, 2006-09	2006	Riverside	10/26/2006	—	5	17	$11,083,665
Shekell Complex (Fire)	Fire	FM-2681, 2006-13	2006	Ventura	12/4/2006	—	—	—	$105,849
Pigeon Fire	Fire	2006-10	2006	Trinity	9/7/2006	Not declared	—	—	—
Junction Fire	Fire	FM-2662, 2006-07	2006	Trinity	8/7/2006	7/29/2006	—	—	—
Microburst	Flood	2006-11	2006	City of San Bernardino (San Bernardino)	10/19/2006	Not declared	—	—	—
Lake Tahoe Sewage Spill	HazMat	SBA-10224	2006	El Dorado	Not Proclaimed	Not declared	—	—	—
Ferguson Rockslide	Landslide	SBA-10535	2006	Mariposa (Merced River)	Not Proclaimed	Not declared	—	—	—
Storm Surge (Tsunami)	Tsunami	2006-12	2006	Del Norte	11/21/2006	Not declared	—	—	—
Sierra Fire	Fire	FM-2630	2006	Orange, Riverside	Not Proclaimed	2/6/2006	—	8	$161,790
Horse Fire	Fire	FM-2656	2006	San Diego	Not Proclaimed	7/24/2006	—	23	$2,121,800
Needles Rainstorms	Flood	2007-08	2007	City of Needles (San Bernardino)	7/25/2007	Not declared	—	—	$345,508
Zaca Fire	Fire	2007-09	2007	Santa Barbara, Ventura	8/18/2007	Not declared	—	43	$4,265,384
Imperial Microburst	Flood	2007-11	2007	Imperial	9/16/2007	Not declared	—	—	$1,232,315
Mount Soledad Landslide	Landslide	2007-12	2007	City of San Diego (San Diego)	10/3/2007	Not declared	—	—	$7,509,266
I-5 Major Collision Fire	Fire	2007-13	2007	Los Angeles	10/14/2007	Not declared	—	—	$66,465
2007 Southern CA Fires	Fire	DR-1731, 2007-14	2007	Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara,			—	—	—
Ventura counties	10/21/2007	10/21/2007	10	139	$198,562,023				
Martins Ferry Bridge	Other	2007-16	2007	Humboldt	12/21/2007	Not declared			$8,871,077
2007 Drought	Drought	2007-05	2007	Kings, Riverside	6/19/2007	Not declared			$0
Freeway Collapse Fire	Fire	2007-03	2007	Alameda, Contra Costa, San Francisco	4/29/2007	Not declared			
Wildfires	Fire	EM-3279	2007	Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara, and Ventura	Not Proclaimed	10/23/2007			
Griffith Park Fire	Fire	FM-2691, 2007-04	2007	City of Los Angeles (Los Angeles)	5/17/2007	5/9/2007			

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
2007 Severe Freeze	Freeze	DR-1689, 2007-02	2007	Statewide	01/12/07, 01/16/07, 01/19/07, 01/20/07, 01/26/07	3/13/2007			$2,700,400
Island Fire (Catalina)	Fire	FM-2694	2007	Los Angeles	Not Proclaimed	5/10/2007			
Angora Fire	Fire	FM-2700, 2007-06	2007	El Dorado	6/24/2007	6/24/2007			
Inyo Complex (Fire)	Fire	FM-2706, 2007-07	2007	Inyo	7/6/2007	7/7/2007			
Butler 2 Fire	Fire	FM-2728, 2007-10	2007	San Bernardino	9/15/2007	9/15/2007			
Severe Winter Storms	Flood	2007-01	2007	Siskiyou	12/29/2006	Not declared			
Bay Area Oil Spill	HazMat	2007-15	2007	Alameda, Contra Costa, Marin, San Francisco, San Mateo, Solano, Sonoma	11/9/2007	Not declared			$0
241 Fire	Fire	FM-2683	2007	Orange	Not Proclaimed	3/11/2007			$1,622,014
Griffith Park Brush Fire	Fire	FM-2691	2007	Los Angeles	Not Proclaimed	5/8/2007			$2,508,441
Creek Fire	Fire	FM-2702	2007	Shasta County	Not Proclaimed	6/29/2007		3	$178,678
Canyon Fire	Fire	FM-2708	2007	Los Angeles County	Not Proclaimed	7/8/2007			$517,152
Angel Fire	Fire	FM-2729	2007	San Diego County	Not Proclaimed	9/15/2007			$4,444,159
2008 January Storms	Flood	2008-01	2008	Alameda, Butte, Colusa, Del Norte, El Dorado, Glenn, Kings, Mendocino, Nevada, Placer, Sacramento, San Francisco, Sierra, Sutter, Yolo, Yuba	1/5/2008	Not declared			$2,570,876
Modoc Storms	Flood	2008-04	2008	Modoc County	2/8/2008	Not declared			$909,499
excluded EM-									
3287	Fire	FM-2766, FM-2770, FM-2771, FM-2772, 2008-02	2008	Humboldt County	6/28/2008			1	$4,394,159

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Inyo Severe Thunderstorms	Flood	2008-05	2008	Inyo County	7/15/2008	Not declared			$352,789
Twentynine Palms Thunderstorms	Flood	2008-08	2008	San Bernardino County	8/5/2008	Not declared			$4,629
Wildfires	Fire	FM-2788, FM-2789, 2008-10	2008	San Bernardino County	10/13/2008				$82,985,527
November 2008 California Wildfires	Fire	DR-1810, FM-2792, 2008-11	2008	Los Angeles, Orange, Riverside, and Santa Barbara counties	11/18/2008	11/18/2008	0	28	$221,219
Central Valley Drought	Drought	2008-03	2008	Calaveras, Kern, Madera, Merced, Sacramento, San Joaquin, Stanislaus, Tulare	6/12/2008	Not declared			$0
2008 Mid-Year Fires	Fire	—	2008		Not Proclaimed	Not declared	15	*	
2008 Mid-Year Fires	Fire	EM-3287	2008	Butte, Kern, Mariposa, Mendocino, Monterey, Plumas, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Trinity	Not Proclaimed	6/28/2008	—	—	—
Santa Anita Fire	Fire	FM-2763, 2008-09	2008	Los Angeles County	4/27/2008	4/27/2008	—	—	—
Freeway Complex	Fire	FM-2792	2008	San Bernardino County	Not Proclaimed	11/15/2008	—	0	—
Cathedral City Flooding	Flood	2008-06	2008	Riverside County	7/20/2008	Not declared	—	—	$0
Ridgecrest Thunderstorms	Flood	2008-07	2008	Kern County	7/29/2008	Not declared	—	—	$0
Summit Fire	Fire	FM-2766	2008	Santa Clara, Santa Cruz counties	Not Proclaimed	5/22/2008	—	1	$44,903
Ophir Fire	Fire	FM-2770	2008	Butte County	Not Proclaimed	6/10/2008	15	*	$18,134,595
Humboldt Fire	Fire	FM-2771	2008	Butte County	Not Proclaimed	6/11/2008	—	16	$3,714,441
Martin Fire	Fire	FM-2772	2008	Santa Cruz County	Not Proclaimed	6/11/2008	—	1	$1,275,377
Wildfire	Fire	FM-2776	2008	Napa County	Not Proclaimed	6/22/2008	—	10	$330,856,351
Gladding Fire	Fire	FM-2786	2008	Placer County	Not Proclaimed	9/1/2008	—	—	$3,227,824
Marek Fire	Fire	FM-2788	2008	Los Angeles County	Not Proclaimed	10/12/2008	—	—	$6,060,351

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Sesnon Fire	Fire	FM-2789	2008	Los Angeles County, Ventura County	Not Proclaimed	10/13/2008	–	–	$2,634,935
2009 Los Angeles County Wildfires	Fire	2009-05	2009	Los Angeles	8/28/2009	Not declared	0	6	$9,286,724
Monterey County Wildfires	Fire	2009-06	2009	Monterey	8/28/2009	Not declared	–	–	$37,991
Big Meadow Fire	Fire	2009-07	2009	Mariposa	8/29/2009	Not declared	–	–	$21,299
San Bernardino County Wildfires	Fire	2009-09	2009	San Bernardino	9/1/2009	Not declared	–	–	$95,020
Imperial County Storms	Flood	2009-10	2009	Imperial	9/18/2009	Not declared	–	–	$458,749
Santa Cruz County Storms	Flood	2009-13	2009	Santa Cruz	11/20/2009	Not declared	–	–	$4,483,715
Fresno Drought	Drought	2009-02	2009	Fresno	7/21/2009, 03/25/2010	Not declared	–	–	$0
Jesusita Fire	Fire	2009-01	2009	Santa Barbara	5/6/2009	Not declared	–	–	–
Lockheed Fire	Fire	2009-03	2009	Santa Cruz	8/14/2009	Not declared	–	–	–
Yuba Fire	Fire	2009-04	2009	Yuba	8/20/2009	Not declared	–	–	–
49er Fire	Fire	2009-08	2009	Placer	8/30/2009	Not declared	–	–	–
Guiberson Fire	Fire	2009-11	2009	Ventura	9/22/2009	Not declared	–	–	–
Sheep Fire	Fire	2009-12	2009	San Bernardino	10/4/2009	Not declared	–	–	–
Jesusita Fire	Fire	FM-2817	2009	Santa Barbara County	Not Proclaimed	5/6/2009	–	0	$32,588,540
Lockheed Fire	Fire	FM-2824	2009	Santa Cruz County	Not Proclaimed	8/13/2009	–	10	$23,977,717
Yuba Fire	Fire	FM-2825	2009	Nevada County, Yuba County	Not Proclaimed	8/15/2009	–	41	$10,013,956
PV Fire	Fire	FM-2828	2009	Los Angeles County	Not Proclaimed	8/28/2009	0	0	$317,175
Station Fire	Fire	FM-2830	2009	Los Angeles County	Not Proclaimed	8/28/2009	2	23	$19,053,328
49er Fire	Fire	FM-2832	2009	Orange County	Not Proclaimed	8/31/2009	–	–	$1,196,092
Oak Glen Fire	Fire	FM-2833	2009	San Bernardino County	Not Proclaimed	8/31/2009	–	4	$5,247,456
Pendleton Fire	Fire	FM-2836	2009	San Bernardino County	Not Proclaimed	9/1/2009	–	1	$4,383,907

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Guiberson Fire	Fire	FM-2839	2009	Ventura County	Not Proclaimed	9/22/2009	–	10	$10,869,516
Sheep Fire	Fire	FM-2841	2009	San Bernardino County	Not Proclaimed	10/4/2009	–	–	$1,500,883
Humboldt Earthquake	Earthquake	2010-01	2010	Humboldt	1/12/2010	Not declared	–	–	$11,966,685
Baja Earthquake	Earthquake	DR-1911, 2010-03	2010	Imperial	4/5/2010	5/7/2010	–	–	$39,384,403
Pacifica Storm Drain Outfall	Severe Storms	2010-04	2010	City of Pacifica (San Mateo)	4/7/2010	Not declared	–	–	$896,520
Richmond Sinkhole	Sinkhole	2010-15	2010	Contra Costa	4/27/2010	Not declared	–	–	$10,586,339
Bull Fire	Fire	FM-2849, 2010-05	2010	Kern	7/27/2010	7/26/2010	–	–	$631,156
West Fire	Fire	FM-2850, 2010-05	2010	Kern	7/27/2010	7/27/2010	–	–	$5,833,041
Post Fire	Fire	FM-2852, 2010-07	2010	Kern	8/25/2010	8/24/2010	–	–	$1,664,357
Yuba County Wildfires	Fire	2010-08	2010	Yuba	8/28/2010	Not declared	–	–	$34,829
Canyon Fire	Fire	FM-2858, 2010-10	2010	Kern	9/15/2010	9/15/2010	–	7	$883,828
Galleria Incident	Fire	2010-12	2010	Placer	10/22/2010	Not declared	–	–	$478,119
Via Scott Incident	Other	2010-16	2010	San Diego	12/1/2010	Not declared	–	–	$73,981
2010 Severe Winter Storms	Flood	DR-1884, 2010-02	2010	Calaveras, Imperial, Los Angeles, Riverside, San Bernardino, Siskiyou	1/21/2010, 1/22/2010, 1/27/2010	3/8/2010	2	*	$37,056,584
November Storms	Severe Storms	2010-14	2010	Calaveras, Tuolumne	11/30/10, 12/09/10	Not declared			$160,280
December 2010 Statewide Storms	Severe Storms	DR-1952, 2010-17	2010	Inyo, Kern, Kings, Madera, Mariposa, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Tulare	12/21/2010, 12/23/2010, 12/24/2010, 12/30/2010	1/26/2010	–	–	$66,318,201
Glenview Fire (San Bruno Explosion)	Fire (Explosion)	FM-2856, 2010-09	2010	San Mateo	9/9/2010	9/9/2010	–	–	–
Imperial County Storm	Flood	2010-11	2010	Imperial	10/12/2010	Not declared	–	–	–
Contaminated Drinking Water Supply	HazMat	2010-13	2010	San Bernardino	11/20/2010	Not declared	–	–	$0
2010 Los Angeles County Wildfires	Severe Storms	2010-06	2010	Los Angeles	8/7/2010	Not declared	–	–	–

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Crown Fire	Fire	FM-2851	2010	Los Angeles	Not Proclaimed	7/29/2010	–	–	$6,565,808
Tuolumne Feb 2011 Storms	Severe Storms	2011-03	2011	Tuolumne	2/25/2011	Not declared	–	–	$509,329
Modoc Jan 2011 Storms	Severe Storms	2011-01	2011	Modoc	3/3/2011	Not declared	–	–	$385,788
March 2011 California Tsunami	Tsunami	DR-1968, 2011-02	2011	Del Norte, Humboldt, Mendocino, San Luis Obispo, San Mateo, Santa Cruz	3/11/2011	4/18/2011	1	1	$39,617,379
Hill Fire	Fire	FM-2955	2011	San Bernardino	Not Proclaimed	9/2/2011	–	–	$1,280,591
Canyon Fire	Fire	FM-2961	2011	Kern	Not Proclaimed	9/5/2011	–	–	$8,787,604
Keene Complex	Fire	FM-2970	2011	Kern	Not Proclaimed	9/11/2011	–	–	$3,996,343
Comanche Complex	Fire	FM-2971	2011	Kern	Not Proclaimed	9/11/2011	–	6	$6,472,957
Wye Incident	Fire	FM-5004	2012	Lake	Not Proclaimed	8/13/2012	–	3	$84,613
Ponderosa Fire	Fire	FM-5007	2012	Shasta, Tehama	Not Proclaimed	8/19/2012	–	7	$477,537
Shockey Fire	Fire	FM-5021	2012	San Diego	Not Proclaimed	9/24/2012	1	3	$108,959
Inyo July 2013 Storms	Severe Storms	2013-01	2013	Inyo	9/30/2013	Not declared	–	–	$3,837,141
Rim Fire	Fire	DR-4158, FM-5049, 2013-02	2013	Mariposa, Tuolumne	10/23/2013	12/13/2013	–	–	(DR-4158) 24,465,538, (GP 2013-02) 174,688
Wildfire	Fire	DR-4142	2013	Karuk Reservation	Not Proclaimed	8/29/2013	–	–	–
Summit Fire	Fire	FM-5023	2013	Riverside	Not Proclaimed	5/2/2013	–	–	$2,221,604
Springs Fire	Fire	FM-5024	2013	Ventura	Not Proclaimed	5/2/2013	–	–	$8,332,445
Powerhouse Fire	Fire	FM-5025	2013	Los Angeles	Not Proclaimed	6/2/2013	–	–	$2,023,801
Falls Fire	Fire	FM-5040	2013	Riverside	Not Proclaimed	8/6/2013	–	–	$1,715,016

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Silver Fire	Fire	FM-5041	2013	Riverside	Not Proclaimed	8/12/2013	–	–	$5,721,361
Clover Fire	Fire	FM-5050	2013	Shasta	Not Proclaimed	9/10/2013	1	–	$4,558,433
Poinsettia Fire	Fire	FM-5054, 2014-01	2014	San Diego	5/14/2014	5/14/2014	–	–	$1,459,862
Cocos Fire	Fire	FM-5055, 2014-01	2014	San Diego	5/14/2014	5/14/2014	–	–	(FM-5055) 10,313,305, (GP 2014-01) 2,131,397
South Napa Earthquake	Earthquake	DR-4193, 2014-02	2014	Napa, Solano, Sonoma	8/24/2014	9/11/2014	1	285	(DR-4193) 33,897,764 (GP 2014-02) 233,042
Boles Fire	Fire	FM-5079, 2014-04	2014	Siskiyou	10/6/2014	9/15/2014	–	–	$5,327,462
Drinking Water Shortage	Drought	2014-03	2014	Statewide	9/18/2014	Not declared	–	–	–
Sand Fire Incident	Fire	2014-06	2014	City of Plymouth (Amador)	8/12/2014	Not declared	–	–	–
Colby Fire	Fire	FM-5051	2014	Los Angeles	Not Proclaimed	1/16/2014	–	–	–
Oregon Gulch Fire	Fire	FM-5068	2014	Siskiyou	Not Proclaimed	8/2/2014	–	–	–
San Bernardino County Storms	Severe Storms	2014-05	2014	San Bernardino	8/4/2014	Not declared	–	–	–
December 2014 Storms	Severe Storms	2014-07	2014	Lake, Tehama	3/2/2015	Not declared	–	–	–
Butts Fire	Fire	FM-5057	2014	Napa	Not Proclaimed	7/2/2014	–	–	$5,180,771
Eiler Fire	Fire	FM-5067	2014	Shasta	Not Proclaimed	8/2/2014	–	–	$8,062,197
Bald Fire	Fire	FM-5069	2014	Lassen, Shasta	Not Proclaimed	8/3/2014	–	–	$2,060,557
Day Fire	Fire	FM-5070	2014	Modoc	Not Proclaimed	8/3/2014	–	–	$9,800,752
Junction Fire	Fire	FM-5074	2014	Madera	Not Proclaimed	8/19/2014	–	–	$3,469,116
Way Fire	Fire	FM-5075	2014	Kern	Not Proclaimed	8/19/2014	–	–	$2,566,094

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Oregon Fire	Fire	FM-5076	2014	Trinity	Not Proclaimed	8/25/2014	—	—	$1,960,046
Bridge Fire	Fire	FM-5077	2014	Mariposa	Not Proclaimed	9/5/2014	—	—	$3,340,241
Courtney Fire	Fire	FM-5078	2014	Madera	Not Proclaimed	9/14/2014	—	—	$3,440,104
King Fire	Fire	FM-5081	2014	El Dorado, Placer	Not Proclaimed	9/17/2014	—	—	$17,367,831
Applegate Fire	Fire	FM-5082	2014	Placer	Not Proclaimed	10/8/2014	—	—	$4,199,623
Round Fire	Fire	2015-01	2015	Mono	2/26/2015	Not declared	—	—	$5,607,764
Summer 2015 Wildfires	Fire	DR-4240, 2015-03	2015	Amador, Calaveras, Lake, Napa, Trinity	8/27/2015	9/22/2015	Reported under individual fires below	—	(DR-4240) 242,803,440, (GP 2015-03) 2,401,287
—Tree Mortality	Drought	2015-05	2015	Statewide	10/30/2015	Not declared	—	—	—
Hurricane Marie	Fire	2015-02	2015	City of Avalon (Los Angeles)	Not Proclaimed	Not declared	—	—	—
Rocky Fire	Fire	FM-5093	2015	Madera	Not Proclaimed	8/2/2015	—	—	$30,857,410
Severe Storms, Flooding, and Mudslides	Flood	DR-4206	2015	Soboba Indian Reservation	Not Proclaimed	1/27/2015	—	—	—
Tropical Storm Dolores	Severe Storms	2015-04	2015	Kern	7/19/2015	Not declared	—	—	—
Waterman Terrorist Incident	Terrorism	2015-06	2015	San Bernardino	12/10/2015	Not declared	—	—	—
North Fire	Fire	FM-5089	2015	San Bernardino	Not Proclaimed	7/17/2015	—	—	$851,448
Wragg Fire	Fire	FM-5091	2015	Napa, Solano, Yolo	Not Proclaimed	7/23/2015	—	—	$13,934,643
Butte Fire	Fire	FM-5111	2015	Amador	Not Proclaimed	9/10/2015	2	—	$3,191,496
Valley Fire	Fire	FM-5112	2015	Napa, Sonoma	Not Proclaimed	9/12/2015	4	—	$3,029,711
Erskine Fire	Fire	FM-5131, 2016-03	2016	Kern	6/24/2016	6/23/2016	2	—	(FM-5131) 4,433,146, (GP 2016-03) 26,610,979

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Clayton Fire	Fire	FM-5145, 2016-04	2016	Madera	9/15/2016	8/14/2016	–	–	(FM-5145) $13,579,947, (GP 2016-04) $14,826,022
December 2016 Storms	Severe Storms	2016-05	2016	Del Norte, City of Fort Bragg (Mendocino)	12/21/2016	Not declared	–	–	$274,823
Old Fire	Fire	FM-5124	2016	Los Angeles	Not Proclaimed	6/5/2016	–	–	$1,923,392
Border 3 Fire	Fire	FM-5128	2016	San Diego	Not Proclaimed	6/19/2016	2	–	$12,759,142
Fish Fire	Fire	FM-5129	2016	Los Angeles	Not Proclaimed	6/21/2016	–	–	$1,394,208
Sage Fire	Fire	FM-5132	2016	Los Angeles	Not Proclaimed	7/9/2016	–	–	$1,993,954
Pacifica Storms	Severe Storms	2016-01	2016	City of Pacifica (San Mateo)	1/22/2016	Not declared	–	–	–
March 2016 Storms	Severe Storms	2016-02	2016	Santa Cruz, Trinity	3/15/2016	Not declared	–	–	–
Sand Fire	Fire	FM-5135	2016	Los Angeles	Not Proclaimed	7/23/2016	1	–	$5,128,119
Soberanes Fire	Fire	FM-5137	2016	Monterey	Not Proclaimed	7/28/2016	1	–	$2,267,213
Goose Fire	Fire	FM-5140	2016	Fresno	Not Proclaimed	7/31/2016	–	–	$6,538,221
Pilot Fire	Fire	FM-5144	2016	San Bernardino	Not Proclaimed	8/8/2016	–	–	$3,187,835
Chimney Fire	Fire	FM-5146	2016	Lake	Not Proclaimed	8/14/2016	–	–	$52,798,980
Blue Cut Fire	Fire	FM-5147	2016	San Bernardino	Not Proclaimed	8/16/2016	–	–	$2,266,434
Cedar Fire	Fire	FM-5150	2016	Kern, Tulare	Not Proclaimed	8/22/2016	–	–	$1,441,015

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
January 2017 Storms	Flood	DR-4301, 2017-01	2017	Alameda, Amador, Butte, Calaveras, Contra Costa, El Dorado, Humboldt, Inyo, Lake, Lassen, Marin, Mendocino, Merced, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Luis Obispo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Trinity, Tuolumne, Yolo, Yuba	1/23/2017	2/14/2017	–	–	$39,956,354
Late January 2017 Storms	Flood	DR-4305, 2017-02	2017	Alameda, Calaveras, Contra Cost, El Dorado, Inyo, Kern, Los Angeles, Mendocino, Modoc, Mono, Napa, Orange, Riverside, Sacramento, San Diego, San Luis Obispo, San Mateo, Santa Barbara, Santa Cruz, Trinity, Tuolumne, Yolo	2/10/2017	3/16/2017	–	–	$14,320,716
—Modoc County Wildfires	Fire	2017-06	2017	Modoc	8/2/2017	Not declared	–	–	$46,542
Helena Fire	Fire	FM-5199, 2017-07	2017	Trinity	8/31/2017	9/1/2017	–	–	$9,688,890
Ponderosa Fire	Fire	2017-10	2017	Butte	9/1/2017	Not declared	–	–	$4,562
October 2017 Wildfires	Fire	DR-4344, 2017-09	2017	Butte, Lake, Mendocino, Napa, Nevada, Orange, Solano, Sonoma, Yuba	10/9/2017	10/9/2017	12	1	$63,000,000
Wall Fire	Fire	2017-05	2017	Butte	7/9/2017	Not declared	–	–	–
Detwiler Fire	Fire	2017-04	2017	Mariposa	7/18/2017	Not declared	–	–	–
Alamo and Whittier Fires	Fire	2017-08	2017	Santa Barbara	7/16/2017	Not declared	–	–	–
Inyo/Mono Snowmelt	Fire	2017-11	2017	Inyo, Mono	Various	Not declared	–	–	–
December 2017 California Wildfires & Debris Flows	Fire	DR-4353, 2017-12	2017	Santa Barbara, Ventura, Los Angeles, San Diego, Santa Barbara, Ventura	12/7/2017	1/2/2018	21	–	–
December 2017 California Wildfires	Fire	EM-3396	2017	Los Angeles, Riverside, San Diego, Santa Barbara, Ventura	Not Proclaimed	12/8/2017	Reported under Thomas Fire (FM-5224)	–	–

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Wall Fire	Fire	FM-5189, 2017-05	2017	Butte	7/9/2017	7/9/2017	–	–	–
Detwiler Fire	Fire	FM-5192, 2017-04	2017	Mariposa	7/18/2017	7/17/2017	–	–	–
La Tuna Fire	Fire	FM-5201	2017	Los Angeles	Not Proclaimed	9/2/2017	–	–	–
Railroad Fire	Fire	FM-5202	2017	Madera, Mariposa	Not Proclaimed	9/2/2017	–	–	–
Mission Fire	Fire	FM-5204	2017	Madera	Not Proclaimed	9/4/2017	–	–	–
Pier Fire	Fire	FM-5205	2017	Tulare	Not Proclaimed	9/5/2017	–	–	–
Canyon Fire	Fire	FM-5213	2017	Orange, Riverside	Not Proclaimed	9/25/2017	–	–	–
Atlas Fire	Fire	FM-5214	2017	Napa, Solano	Not Proclaimed	10/9/2017	6	–	–
Tubbs Fire	Fire	FM-5215	2017	Napa, Sonoma	Not Proclaimed	10/9/2017	22	–	–
Cascade Fire	Fire	FM-5216	2017	Butte, Yuba	Not Proclaimed	10/9/2017	4	–	–
Lobo Fire	Fire	FM-5217	2017	Nevada	Not Proclaimed	10/9/2017	–	–	–
La Porte Fire	Fire	FM-5218	2017	Butte	Not Proclaimed	10/9/2017	–	–	–
Redwood/Potter Fires	Fire	FM-5219	2017	Mendocino	Not Proclaimed	10/9/2017	9	–	–
Nuns Fire	Fire	FM-5220	2017	Sonoma	Not Proclaimed	10/9/2017	3	–	–
Sulphur Fire	Fire	FM-5221	2017	Lake	Not Proclaimed	10/9/2017	–	–	–
Patrick Fire	Fire	FM-5222	2017	Napa, Sonoma	Not Proclaimed	10/9/2017	–	–	–
Canyon 2 Fire	Fire	FM-5223	2017	Orange, Riverside	Not Proclaimed	10/9/2017	–	–	–
Thomas Fire	Fire	FM-5224	2017	Santa Barbara, Ventura	Not Proclaimed	12/5/2017	2	–	–

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Severe Winter Storms, Flooding, and Mudslides	Flood	DR-4308	2017	Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Kings, Lake, Lassen, Marin, Mariposa, Merced, Modoc, Mono, Monterey, Napa, Nevada, Plumas, Sacramento, San Benito, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tule River Indian Reservation Tuolumne, Yolo, and Yuba	Not Proclaimed	4/1/2017	—	—	—
Potential Failure of Oroville Dam Emergency Spillway	Other	EM-3381	2017	Butte, Sutter, Yuba	Not Proclaimed	2/14/2017	—	—	—
February 2017 Storms	Severe Storms	2017-03	2017	Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Kings, Lake, Lassen, Marin, Mariposa, Merced, Modoc, Mono, Monterey, Napa, Nevada, Plumas, Sacramento, San Benito, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama Trinity, Tuolumne, Yolo, Yuba	3/7/2017	Not declared	—	—	—
Severe Winter Storm	Severe Storms	DR-4302	2017	Hoopa Valley Indian Reservation	Not Proclaimed	2/14/2017	—	—	—
Flooding	Severe Storms	DR-4312	2017	Resighini Rancheria (Indian Reservation)	Not Proclaimed	5/2/2017	—	—	—
Pawnee Fire	Fire	2018-03	2018	Lake	6/25/2018	Not declared	—	—	—
Klamathon Fire	Fire	2018-04	2018	Siskiyou	7/5/2018	Not declared	—	—	—
Ferguson Fire	Fire	2018-05	2018	Mariposa	7/26/2018	Not declared	—	—	—

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Creek Fire	Fire	2018-07	2018	Shasta	6/24/2018	Not declared	–	–	–
Whaleback Fire	Fire	2018-08	2018	Lassen	7/31/2018	Not declared	–	–	–
Summer 2018 California Wildfires and High Winds	Fire	DR-4382, 2018-06	2018	Colusa, Lake, Mendocino, Napa, Shasta	7/28/2018	8/4/2018	–	–	–
November 2018 California Wildfires, Mud and Debris Flows	Fire	DR-4407, 2018-09	2018	Ventura, Los Angeles, Butte	11/8/2018	11/12/2018	–	–	–
Wildfires	Fire	EM-3398	2018	Shasta	Not Proclaimed	7/28/2018	–	–	–
Wildfires	Fire	EM-3409	2018	Ventura, Los Angeles, Butte	Not Proclaimed	11/9/2018	–	–	–
Pawnee Fire	Fire	FM-5244	2018	Lake (County)	Not Proclaimed	6/24/2018	–	–	–
Creek Fire	Fire	FM-5245	2018	Shasta (County)	Not Proclaimed	6/25/2018	–	–	–
Klamathon Fire	Fire	FM-5250	2018	Siskiyou (County)	Not Proclaimed	7/5/2018	–	–	–
West Fire	Fire	FM-5251	2018	San Diego (County)	Not Proclaimed	7/6/2018	–	–	–
Holiday Fire	Fire	FM-5252	2018	Santa Barbara (County)	Not Proclaimed	7/7/2018	–	–	–
Carr Fire	Fire	FM-5259	2018	Trinity (County), Shasta	Not Proclaimed	7/23/2018	–	–	–
Cranston Fire	Fire	FM-5260	2018	Riverside (County)	Not Proclaimed	7/25/2018	–	–	–
Mendocino Fire Complex	Fire	FM-5262	2018	Lake (County), Hopland Rancheria (Indian Reservation), Mendocino (County)	Not Proclaimed	7/28/2018	–	–	–
Holy Fire	Fire	FM-5268	2018	Riverside (County)	Not Proclaimed	8/9/2018	–	–	–
Camp Fire	Fire	FM-5278	2018	Butte (County)	Not Proclaimed	11/8/2018	–	–	–
Hill Fire	Fire	FM-5279	2018	Ventura (County)	Not Proclaimed	11/8/2018	–	–	–
Woolsey Fire	Fire	FM-5280	2018	Ventura, Los Angeles	Not Proclaimed	11/9/2018	–	–	–
March 2018 Storms	Severe Storms	2018-01	2018	Mariposa, Merced, Tuolumne	4/19/2018	Not declared	–	–	–

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
January 2018 Debris and Mudflow	Severe Storms	2018-02	2018	City Of Burbank (Los Angeles)	1/7/2018	Not declared	—	—	—
October 2018 Monsoon	Severe Storms	2018-10	2018	San Bernardino	10/26/2018	Not declared	—	—	—
Earthquake	Earthquake	DR-3415	2019	Kern, San Bernardino	Not Proclaimed	7/8/2019	—	—	—
Earthquake	Earthquake	EM-3415	2019	Kern, San Bernardino	Not Proclaimed	7/18/2019	—	—	—
California Earthquakes	Earthquake	2019-05	2019	Kern, San Bernardino	7/4/2019	Not declared	—	—	—
Kincade Fire	Fire	2019-06	2019	Sonoma	10/25/2019	Not declared	—	—	—
Saddleridge Fire	Fire	FM-5293	2019	Ventura, Los Angeles	Not Proclaimed	10/11/2019	—	—	—
Kindcade Fire	Fire	FM-5295	2019	Sonoma (County)	Not Proclaimed	10/24/2019	—	—	—
Tick Fire	Fire	FM-5296	2019	Los Angeles (County)	Not Proclaimed	10/24/2019	—	—	—
Getty Fire	Fire	FM-5297	2019	Los Angeles (County)	Not Proclaimed	10/28/2019	—	—	—
Easy Fire	Fire	FM-5298	2019	Ventura (County)	Not Proclaimed	10/30/2019	—	—	—
Hill Fire	Fire	FM-5299	2019	Riverside (County)	Not Proclaimed	10/30/2019	—	—	—
46 Fire	Fire	FM-5300	2019	Riverside (County)	Not Proclaimed	10/31/2019	—	—	—
Hillside Fire	Fire	FM-5301	2019	San Bernardino (County)	Not Proclaimed	10/31/2019	—	—	—
Maria Fire	Fire	FM-5302	2019	Ventura (County)	Not Proclaimed	11/1/2019	—	—	—
Cave Fire	Fire	FM-5303	2019	Santa Barbara (County)	Not Proclaimed	11/26/2019	—	—	—
Late January 2019 Storms	Severe Storms	2019-01	2019	Yolo	5/10/2019	Not declared	—	—	—
April 2019 Spring Storm	Severe Storms	2019-04	2019	Modoc	4/15/2019	Not declared	—	—	—
Severe Storms, Flooding, Landslides, and Mudslides	Severe Storms	DR-4422	2019	La Jolla Indian Reservation	Not Proclaimed	3/26/2019	—	—	—
Severe Storms and Flooding	Severe Storms	DR-4423	2019	Cahuilla Indian Reservation	Not Proclaimed	3/28/2019	—	—	—

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Severe Storms and Flooding	Severe Storms	DR-4425	2019	Soboba Indian Reservation	Not Proclaimed	4/8/2019	–	–	–
Mid-February 2019 Storms	Severe Storms	DR-4431, 2019-02	2019	Calaveras (County), Colusa (County), Marin (County), Mariposa (County), Mendocino (County), Modoc (County), Napa (County), Riverside (County), Santa Barbara (County), Shasta (County), Trinity (County)	5/1/2019	5/1/2019	–	–	–
Late February 2019 Storms	Severe Storms	DR-4434, 2019-03	2019	Amador (County), Butte (County), Colusa (County), Del Norte (County), El Dorado (County), Glenn (County), Humboldt (County), Lake (County), Marin (County), Mariposa (County), Mendocino (County), Monterey (County), Napa (County), Sonoma (County), Tehama (County), Trinity (County), Tuolumne (County), Yolo (County)	5/18/2019	5/17/2019	–	–	–
COVID-19	Biological	DR-4482, EM-3428, 2020-01	2020	Statewide	3/4/2020	3/22/202	–	–	–
Saddleridge Fire	Fire	2020-02	2020	Los Angeles	10/11/2019	Not declared	–	–	–
Sandalwood Fire	Fire	2020-04	2020	Riverside	10/11/2019	Not declared	–	–	–
Easy/Maria Fires	Fire	2020-03	2020	Ventura	Various	Not declared	–	–	–
August 2020 Wildfires	Fire	DR-4558, 2020-06	2020	Tuolumne (County), Santa Cruz (County), Yolo (County), Plumas (County), Napa (County), Sierra (County), San Mateo (County), Tulare (County), Lassen (County), Trinity (County), Yuba (County), Solano (County), Lake (County), Stanislaus (County), Mendocino (County), Nevada (County), Monterey (County), Santa Clara (County), Butte (County), Sonoma (County)	8/18/2020	8/22/2020	–	–	–

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
September 2020 Wildfires	Fire	DR-4569, 2020-07	2020	Del Norte, Fresno, Los Angeles, Madera, Mendocino, Napa, San Bernardino, San Diego, Shasta, Siskiyou, Sonoma, Yuba	9/6/2020	10/16/2020	–	–	–
Apple Fire	Fire	FM-5325	2020	San Bernardino (County), Riverside (County), Morongo Indian Reservation	Not Proclaimed	8/2/2020	–	–	–
River Fire	Fire	FM-5329	2020	Monterey (County)	Not Proclaimed	8/17/2020	–	–	–
LNU Lightning Fire Complex	Fire	FM-5331	2020	Lake (County), Sonoma (County), Yolo (County), Napa (County), Solano (County)	Not Proclaimed	8/18/2020	–	–	–
Jones Fire	Fire	FM-5332	2020	Nevada (County)	Not Proclaimed	8/18/2020	–	–	–
Carmel Fire	Fire	FM-5333	2020	Monterey (County)	Not Proclaimed	8/19/2020	–	–	–
CZU Lightning Fire Complex	Fire	FM-5336	2020	San Mateo, Santa Cruz	Not Proclaimed	8/20/2020	–	–	–
SCU Lightning Complex Fire	Fire	FM-5338	2020	Stanislaus, Santa Clara	Not Proclaimed	8/21/2020	–	–	–
Sheep Fire	Fire	FM-5339	2020	Lassen (County)	Not Proclaimed	8/22/2020	–	–	–
Creek Fire	Fire	FM-5348	2020	Fresno, Madera	Not Proclaimed	9/6/2020	–	–	–
El Dorado Fire	Fire	FM-5350	2020	San Bernardino (County)	Not Proclaimed	9/6/2020	–	–	–
Slater Fire	Fire	FM-5361	2020	Siskiyou (County)	Not Proclaimed	9/9/2020	–	–	–
Bear Fire	Fire	FM-5363	2020	Butte (County), Plumas, Yuba	Not Proclaimed	9/9/2020	–	–	–
SQF Fire Complex	Fire	FM-5373	2020	Tulare (County)	Various	9/13/2020	–	–	–
Bobcat Fire	Fire	FM-5374	2020	Los Angeles (County)	Not Proclaimed	9/13/2020	–	–	–
Glass Fire	Fire	FM-5376	2020	Napa (County), Sonoma (County)	Not Proclaimed	9/27/2020	–	–	–
Zogg Fire	Fire	FM-5377	2020	Shasta (County)	Not Proclaimed	9/28/2020	–	–	–

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Silverado Fire	Fire	FM-5380	2020	Orange (County)	Not Proclaimed	10/26/2020	–	–	–
Blue Ridge Fire	Fire	FM-5381	2020	San Bernardino (County), Riverside (County), Orange	Not Proclaimed	10/26/2020	–	–	–
Bond Fire	Fire	FM-5383	2020	Orange (County)	Not Proclaimed	12/3/2020	–	2	–
Mountain View Fire	Fire	2020-08	2020	Mono	11/18/2020	Not declared	–	–	–
Monterey County Atmospheric River Event	Severe Storms	2020-05	2020	Monterey	Various	Not declared	–	–	–
Tamarack Fire	Fire	2021-02	2021	Alpine	7/23/2021	Not declared	–	–	–
Dixie Fire	Fire	2021-03	2021	Lassen, Plumas, Tehama	7/23/2021	Not declared	1	–	–
Summer 2021 Wildfires	Fire	2021-04	2021	Kern, Lassen, Mendocino, Nevada, Placer, Plumas, Shasta, Siskiyou, Tehama, Trinity, Tulare, Tuolumne	8/6/2021	Not declared	–	–	–
Wildfires	Fire	DR-4610, 2021-02, 2021-03, 2021-04, 2021-05, 2021-06	2021	Lassen, Nevada, Placer, Plumas, Tehama, Trinity	Various	8/24/2021	–	–	–
Caldor and Cache Fires	Fire	DR-4619, 2021-06	2021	Alpine, Amador, El Dorado, Lake, Placer	9/1/2021	9/12/2021	–	–	–
Caldor Fire	Fire	EM-3571	2021	Alpine, Amador, El Dorado, Placer	7/6/2007	9/1/2021	–	–	–
Lava Fire	Fire	FM-5393	2021	Siskiyou (County)	Not Proclaimed	6/29/2021	–	–	–
Dixie Fire	Fire	FM-5400	2021	Lassen, Plumas	Not Proclaimed	7/20/2021	1	–	–
River Fire	Fire	FM-5405	2021	Placer	Not Proclaimed	8/5/2021	0	0	$17,950,000
Monument Fire	Fire	FM-5412	2021	Trinity (County)	Not Proclaimed	8/17/2021	0	0	$21,500,000
Caldor Fire	Fire	FM-5413	2021	El Dorado (County)	Not Proclaimed	8/17/2021	–	–	–
French Fire	Fire	FM-5416	2021	Kern (County)	Not Proclaimed	8/25/2021	–	–	–

Disaster Name	Disaster Type	Disaster #	Year	Areas Declared	State Proclamation Date	Federal Declaration Date	Deaths	Injuries	Damage in $
Fawn Fire	Fire	FM-5417	2021	Shasta (County)	Not Proclaimed	9/23/2021	—	—	—
Alisal Fire	Fire	FM-5419	2021	Santa Barbara (County)	Not Proclaimed	10/13/2021	—	—	—
Late January and February 2021 Winter Storms	Severe Storms	2021-05	2021	Monterey, San Benito, San Luis Obispo, Santa Cruz	1/29/2021	Not declared	—	—	—
Mono Winds Event	Winds	2021-01	2021	Madera, Mariposa	6/22/2021	Not declared	—	—	—
2021 Drought	Drought	2022-05	2022	Colusa	4/21/2021	Not declared	—	—	—
Oak Fire	Fire	2022-06	2022	Mariposa	7/23/2022	Not declared	—	—	—
McKinney Fire	Fire	2022-07	2022	Siskiyou	7/30/2022	Not declared	—	—	—
Alisal Fire	Fire	2022-04	2022	Santa Barbara	10/12/2021	Not declared	—	—	—
Coastal Fire	Fire	FM-5439	2022	Orange (County)	Not Proclaimed	5/12/2022	0	0	$60,000,000
Oak Fire	Fire	FM-5445	2022	Mariposa (County)	Not Proclaimed	7/22/2022	—	—	—
Mill Fire	Fire	FM-5450	2022	Siskiyou (County)	Not Proclaimed	9/2/2022	—	—	—
Fairview Fire	Fire	FM-5451	2022	Riverside (County)	Not Proclaimed	9/5/2022	—	—	—
Mosquito Fire	Fire	FM-5453	2022	Placer, El Dorado	Not Proclaimed	9/9/2022	—	—	—
August 2021 Monsoon	Monsoon	2022-01	2022	Imperial, Riverside	Various	Not declared	—	—	—
December 2021 Storms	Severe Storms	2022-03	2022	Amador, Calaveras, Humboldt, Nevada, Orange, Placer, Santa Cruz, Sierra, Trinity and cities of Arcadia, Malibu, Monrovia, and Yucaipa	12/30/2021	Not declared	—	—	—
October 2021 Atmospheric River	Severe Storms	2022-02	2022	Glenn, Marin, Trinity	3/23/2022	Not declared	—	—	—

Appendix G. Risk Assessment Methodology



G RISK ASSESSMENT METHODOLOGY

G.1 ASSET INVENTORIES

FEMA requires the State to identify its assets which may include state facilities, infrastructure, and community lifelines that serve a critical function on behalf of the State of California. For the 2023 State Hazard Mitigation Plan (SHMP), the State of California assessed the exposure and vulnerability of the following types of state assets: state-owned and -leased facilities; state highways and bridges; state-owned dams; and the State Water Project infrastructure.

G.1.1 State Facilities

The California Department of General Services (DGS) provided its Statewide Property Inventory (SPI) dataset that includes 23,961 state-owned and 1,893 state-leased facilities. The SPI contains a point location (latitude and longitude) and information, including the facility name, state agency, and square footage for each building but does not include the replacement cost. A process that combined information from the SPI, the California Structure Inventory (CSI), and the LandVision statewide parcel dataset was used to estimate the building replacement cost.

The California Department of Water Resources (DWR) and the U.S. Army Corp of Engineers (USACE) developed the CSI. The CSI provides a point location for buildings throughout the State of California and the depreciated replacement cost of the buildings. However, the point locations from the SPI do not directly align with the CSI point locations. Because of the differences in the point locations, the LandVision parcel data was used to spatially aggregate the CSI replacement cost data to tax parcels. The replacement costs were then disaggregated back to the SPI dataset. This aggregation/disaggregation process was carried out using the following steps:

1. The CSI replacement cost estimates for each building were summed to each parcel in the LandVision dataset.
2. The total building square footage from the SPI was summed to each parcel in the LandVision dataset that contains one or more state-owned or -leased buildings.
3. Each point in the SPI was assigned the total building square footage and replacement cost from the parcel it falls within.
4. The proportion of the individual building's square footage to the total building square footage for the parcel was calculated.

5. The building square footage proportion was then multiplied by the total replacement cost for the parcel to determine the building replacement cost.

The replacement cost aggregation/disaggregation process allowed for the deprecated replacement cost values developed as part of the CSI to be applied to the State Property Inventory. Replacement cost values were determined for approximately 75% of the state-owned facilities and 93% of the state-leased facilities.

A summary of the state facilities by agency and by county is included in Attachment G1 provided at the end of this appendix.

G.1.2 State Highways

The State Highways dataset – *SHN Lines* – was downloaded from the California Department of Transportation's (Caltrans) GIS Data website. The State Highways are based upon the Caltrans Linear Referencing System developed from the Caltrans Transportation System Network extraction on October 1, 2021. A summary of the number of miles of highway in each county is included in Attachment G1 provided at the end of this appendix.

G.1.3 State Bridges

The bridges dataset – *State Highway Bridges* – was downloaded from the California Department of Transportation's (Caltrans) GIS Data website. The data points represent bridges along the State Highway Network. The dataset was last updated on February 16, 2022. A summary of the number of bridges in each county is included in Attachment G1 provided at the end of this appendix.

G.1.4 State-owned Dams

The state-owned dams were extracted from the California Department of Water Resources' *i17 California Jurisdictional Dams* dataset downloaded from the California State Geoportal website. The data points represent dams owned by various state agencies and have hazard ratings ranging from low to extremely high. The dataset was last updated on February 16, 2022. A summary of the number of dams in each county is included in Attachment G1 provided at the end of this appendix.

G.1.5 State Water Project

The State Water Project canals and pipelines were extracted from the California Department of Water Resources' *i17_StateWaterProject_Centerline* dataset downloaded from the California State Geoportal website. The data represent the centerlines of the system. The dataset was last updated on February 16, 2022. A summary of the miles of pipelines and canals in each branch of the State Water Project is included in Attachment G1 provided at the end of this appendix.

G.2 CRITICAL FACILITIES AND COMMUNITY LIFELINES

As part of the 2023 State Hazard Mitigation Plan update, the Critical Infrastructure Protection unit of the State Threat Assessment Center (STAC) conducted the hazard risk assessment for the state-identified critical infrastructure. The Critical Infrastructure Protection unit of the STAC maintains a list of state-identified critical infrastructure. STAC staff reviewed each item in the list and classified them into the seven community lifelines identified by FEMA. The lifeline categories include:

- Safety and Security
- Food, Water, and Shelter
- Health and Medical
- Energy
- Communications
- Transportation
- Hazardous Materials

Additionally, STAC staff determined the potential economic losses for each piece of state-identified critical infrastructure based on if that piece of infrastructure was impacted or damaged by a hazard event. The potential economic losses have been summarized into five categories, which include:

- $0 to $10 million
- $10 million to $100 million
- $100 million to $500 million
- $500 million to $1 billion
- Greater than $1 billion

Using GIS software, the locations of state-identified critical infrastructure were compared against hazard areas. County-level summaries were generated, providing

a count of facilities and range of economic losses for each hazard type by community lifeline. The county-level summaries are included in Attachment G1 provided at the end of this appendix.

G.3 POPULATION AND EQUITY PRIORITY COMMUNITIES

For this SHMP, the Equity Working Group identified the CDC's 2018 Social Vulnerability Index (SVI) dataset as the most appropriate and authoritative dataset for determining geographic areas where efforts can be prioritized to ensure equitable outcomes from mitigation planning and actions. SVI updates for 2020 had not yet been made public at the time of this direction and analysis. The planning team adjusted the 2018 data as explained below to account for more current population date.

The SVI dataset was created by the CDC's Agency for Toxic Substances and Disease Registry (ATSDR) as a tool to help emergency managers and public health officials identify communities that will likely need support during and after a hazardous event. CDC/ATSDR uses 15 different social factors derived from U.S. Census data to identify vulnerable communities. These 15 factors are calculated for each census tract and grouped into four themes. Each census tract is assigned an overall ranking along with individual ranks for the four themes. For this analysis, the census tract rankings limited to only census tracts that occur within the State of California.

The SVI dataset was processed in preparation for the analysis:

- The boundaries of the 2018 SVI dataset were adjusted to better represent residential areas.
- The population counts from the 2020 Census were used to rescale the 2018 SVI population estimates to better represent current conditions.

For the risk assessment analysis, residential areas were defined using the LandVision parcel dataset. The LandVision dataset represents tax parcels throughout California and was last updated in April 2022. Additionally, the LandVision dataset has a standardized land use classification system which consolidates the different land use categories used by California's fifty-eight counties. The standardized classification system was used to identify residential parcels. The standardized categories used to select residential parcels include:

- Single Family Residential
- Condominium Unit (Residential)
- Mobile/Manufactured Home (Regardless of Land Ownership)

- Timeshare (Residential)
- Duplex (2 Units, Any Combination)
- Rural/Agricultural Residence
- Planned Unit Development (PUD) (Residential)
- Apartment House (5+ Units)
- Triplex (3 Units, Any Combination)
- Quadruplex (4 Units, Any Combination)
- Multi-Family Dwellings (Generic, Any Combination 2+)
- Townhouse (Residential)
- Apartments (Generic)
- Residential Income (General) (Multi-Family)
- Residential Common Area (Condo/PUD/Etc.)
- Residential-Vacant Land
- Residential (General) (Single)
- Mobile Home Park, Trailer Park
- Condominiums (Industrial)
- Single Family Residential (Assumed)
- Modular/Prefabricated Homes
- Retail/Residential (Mixed Use)
- Homes (Retired; Handicap, Rest; Convalescent; Nursing)
- Apartment House (100+ Units)
- Boarding House, Rooming House, Apt Hotel, Transient Lodgings, Hostel
- Highrise Apartments
- Cooperative Unit (Residential)
- Seasonal, Cabin, Vacation Residence
- Campground, RV Park
- Commercial/Office/Residential (Mixed Use)
- Garden Apt, Court Apt (5+ Units)

Residential parcels were selected and dissolved into residential areas. The 2018 SVI dataset was then clipped using these residential areas. The clipping process adjusted the census tract boundaries so that they represent residential locations. The adjusted

census tract boundaries were used in the risk assessment exposure analyses as they more accurately represent locations where people live.

In addition to the boundary adjustments, the population estimates in the 2018 SVI dataset were adjusted to reflect 2020 conditions. The population estimates were created for each County in California by aggregating the data from the 2018 SVI dataset. County population counts from the 2020 Census were used to generate county-specific population adjustment factors. These adjustment factors were then applied to the 2018 SVI dataset, and a 2020 population estimate was calculated for each Census tract. Table G-1 provides a summary of the adjustment factors for each County.

Table G-1. Population Adjustment Factors

County	2018 Population	2020 Population	Adjustment Factor (2020 Population/ 2018 Population)
Alameda	1,643,700	1,682,353	1.02
Alpine	1,146	1,204	1.05
Amador	37,829	40,474	1.07
Butte	227,075	211,632	0.93
Calaveras	45,235	45,292	1.00
Colusa	21,464	21,839	1.02
Contra Costa	1,133,247	1,165,927	1.03
Del Norte	27,424	27,743	1.01
El Dorado	186,661	191,185	1.02
Fresno	978,130	1,008,654	1.03
Glenn	27,897	28,917	1.04
Humboldt	135,768	136,463	1.01
Imperial	180,216	179,702	1.00
Inyo	18,085	19,016	1.05
Kern	883,053	909,235	1.03
Kings	150,075	152,486	1.02
Lake	64,148	68,163	1.06
Lassen	31,185	32,730	1.05
Los Angeles	10,098,052	10,014,009	0.99
Madera	155,013	156,255	1.01
Marin	260,295	262,321	1.01
Mariposa	17,540	17,131	0.98
Mendocino	87,422	91,601	1.05
Merced	269,075	281,202	1.05
Modoc	8,938	8,700	0.97
Mono	14,174	13,195	0.93
Monterey	433,212	439,035	1.01

County	2018 Population	2020 Population	Adjustment Factor (2020 Population/ 2018 Population)
Napa	140,530	138,019	0.98
Nevada	99,092	102,241	1.03
Orange	3,164,182	3,186,989	1.01
Placer	380,077	404,739	1.06
Plumas	18,699	19,790	1.06
Riverside	2,383,286	2,418,185	1.01
Sacramento	1,510,023	1,585,055	1.05
San Benito	59,416	64,209	1.08
San Bernardino	2,135,413	2,181,654	1.02
San Diego	3,302,833	3,298,634	1.00
San Francisco	870,044	873,965	1.00
San Joaquin	732,212	779,233	1.06
San Luis Obispo	281,455	282,424	1.00
San Mateo	765,935	764,442	1.00
Santa Barbara	443,738	448,229	1.01
Santa Clara	1,922,200	1,936,259	1.01
Santa Cruz	273,765	270,861	0.99
Shasta	179,085	182,155	1.02
Sierra	2,930	3,236	1.10
Siskiyou	43,540	44,076	1.01
Solano	438,530	453,491	1.03
Sonoma	501,317	488,863	0.98
Stanislaus	539,301	552,878	1.03
Sutter	95,872	99,633	1.04
Tehama	63,373	65,829	1.04
Trinity	12,862	16,112	1.25
Tulare	460,477	473,117	1.03
Tuolumne	53,932	55,620	1.03
Ventura	848,112	843,843	0.99
Yolo	214,977	216,403	1.01
Yuba	75,493	81,575	1.08

For the risk assessment analysis in this plan, Census tracts with an SVI overall index value of 0.7 or greater were considered to be "highly vulnerable." A summary of the total population and the highly vulnerable population for each county is included in Attachment G1 provided at the end of this appendix.

G.4 BUILDABLE LANDS

A buildable lands dataset was generated for the 2023 SHMP risk assessment analysis using the LandVision parcel dataset. Vacant properties were identified using the standardized land use classifications in the LandVision parcel dataset that was last updated in April 2022. The specific standardized land use descriptions used to identify buildable parcels include:

- Commercial-Vacant Land
- Government-Vacant Land
- Industrial-Vacant Land
- Institutional-Vacant Land
- Multi-Family-Vacant Land
- Residential-Vacant Land
- Rural/Agricultural-Vacant Land
- Vacant Land (General)

Approximately 1.22 million buildable parcels were initially identified statewide. However, in some Counties these parcels included areas that are owned by federal agencies within the U.S. Department of Interior, or that fell within National Forests, National Preserves, National Monuments, or Wilderness Areas. These parcels are not likely to be developed into residential, commercial, or industrial properties, and therefore have been identified and removed from the buildable lands dataset. Parcels with a local land use description of "Vacant Land Non-Taxable" were also removed from the buildable lands dataset. Additionally, parcels with one of the following property owners were removed from the dataset:

- United States of America
- U S A Unpatented
- Stanislaus National Forest
- Sierra National Forest
- USA
- U S A
- USA BIA
- USA 705
- Government Land
- U S Govt

- Name beginning with "USA"

The additional filtering by owner name reduced the potential buildable lands from 1.22 million parcels to 1.16 million parcels.

A summary of the acres of buildable lands in each county is included in Attachment G1 provided at the end of this appendix.

G.5 HAZARD DATA

The following summarizes the spatial hazard areas data used for the 2023 SHMP Update risk assessment exposure analyses.

G.5.1 Dam Failure

Two spatial datasets for the dam failure hazard were identified and used for the exposure analyses:

- Inundation boundaries for California State jurisdictional dams
- Inundation area for Whittier Narrows Dam Western Embankment breach

The inundation boundaries for State jurisdictional dams dataset – *Approved_InnundationBoundaries_As_of_July01_2022* – was downloaded from CA DWR's California Dam Breach Inundation Maps website. A State jurisdictional dam is defined as a dam not wholly under the control of the federal government. Extremely high and high-hazard dams were used for the exposure analyses.

The inundation area for Whittier Narrows Dam – *Whittier Narrows Dam Western Embankment Breach Pool Elevation 239.9 Feet NAVD* – was provided by the USACE. This dataset, produced in 2018, models a breach of the western embankment.

G.5.2 Earthquake

Three spatial datasets for the earthquake hazard were identified and used for the exposure analyses:

- Seismic Hazard Zone Maps for Liquefaction
- National Earthquake Hazard Reduction Program (NEHRP) soils
- Shaking potential

The liquefaction zones dataset - *CGS_Seismic_Hazards_Program%3A_Liquefaction_Zones* – was downloaded from the CA Department of Conservation map server website. This dataset was published in 2017. Liquefaction zones have not been delineated statewide.

The NEHRP soils dataset was generated from the Shear-wave Velocity in Upper 30m of Surficial Geology (Vs30) map data – *Vs30_ShearWaveVelocity2015* – included in the CGS Map Sheet 48 dataset downloaded from the CA Department of Conservation map server website. The Vs30 map data was published in 2015. NEHRP D & E soils classes were used for the exposure analyses.

Shaking potential is indicated using the 1.0 second spectral acceleration with 2% probability of exceedance in 50 years data – *SA10_2pct50yrs* – which is also included in CGS Map Sheet 48 dataset. This data was published in 2016. Areas of significant shaking, defined as an expected ground motion of 1 g or more, were used for the exposure analyses. This definition of significant shaking was also used for the Prepare CA project.

G.5.3 Flood

FEMA flood hazard area data was identified and used for the exposure analyses. The statewide, effective Digital Flood Insurance Rate Map (DFIRM) data – *NFHL_06_20220724* – was downloaded from the FEMA Flood Map Service Center website. The latest effective date of the flood studies included in this DFIRM data is 7/19/2022 and the latest LOMR effective date is 7/25/2022. There are some gaps in the geographic coverage of the DFIRM data:

- Alpine County has a preliminary countywide DFIRM only. This preliminary data was not used for the exposure analyses.
- Sutter County does not have a countywide DFIRM, DFIRM data is not available for some parts of the county.

1% annual chance and 0.2% annual chance flood areas were extracted from the DFIRM data. These areas were further divided into coastal and riverine flood components for the exposure analyses.

G.5.4 Landslide

Three spatial datasets for the landslide hazard were identified and used for the exposure analyses:

- Seismic Hazard Zone Maps for Landslide
- Susceptibility to deep-seated landslides
- Post-fire debris flow

The landslide zones dataset - *CGS_Seismic_Hazards_Program%3A_Landslide_Zones* – was downloaded from the CA Department of Conservation map server website. This dataset was published in 2017. Landslide zones have not been delineated statewide.

The susceptibility to deep-seated landslides data (CGS Map Sheet 58) – *ms58_ls_susceptibility_20181001* – was downloaded from the CA Department of Conservation map server website. This data was originally published in 2011 and revised in 2018. The data was categorized into very high (susceptibility class 10) and high (susceptibility classes 7, 8, & 9) categories for the exposure analysis.

The post-fire debris flow data for all fires in California from 2018 through 2022 was downloaded from the U.S. Geological Survey's (USGS) post-fire debris flow hazards website. The data is based on the models that USGS developed for their design rainstorm event, with a peak 15-minute rainfall intensity of 24 mm/h. The areas where the combined hazard (likelihood of a debris flow and the potential volume of the debris) classification is moderate or high were used for the exposure analysis.

G.5.5 Levee Failure

Levee Flood Protection Zones (LFPZ) data was identified and used for the exposure analyses. The LFPZ data – *LFPZ_2013_updated_3-10-16* – was provided by CA DWR. Levee Flood Protection Zones estimate the maximum area that may be inundated if a project levee fails when the water surface elevation is at the top of a project levee. The data was published in 2013 and updated in 2016. The zones are delineated for the Central Valley only. The zones were divided into deep (greater than or equal to 3 ft of flooding) and shallow/unknown categories for the exposure analyses.

G.5.6 Sea Level Rise

Two spatial datasets for the sea level rise hazard were identified and used for the exposure analyses:

- Coastal Storm Modeling System (CoSMoS) data for the southern coast from San Diego County north to the southern border of Mendocino County.
- NOAA Sea Level Rise Viewer data for the northern coast from Mendocino County north.

CoSMoS is a modeling approach developed by the U.S. Geological Survey that projects coastal flooding and shoreline change (sandy beach change and cliff retreat) due to both sea level rise and coastal storms driven by climate change. The CoSMoS data was downloaded from the Our Coast Our Future (OCOF) website. The 3.3 ft (100cm), no storm data was used for the year 2050 scenario. The 6.6 ft (200cm), no storm data was used for the year 2100 scenario.

The NOAA data uses a "bathtub" modeling approach; the inundation areas were delineated by subtracting the NOAA VDATUM mean higher high water (MHHW) surface from the digital elevation model. This modeling approach does not consider natural processes such as erosion, subsidence, or future construction. This data was downloaded from the Digital Coast Sea Level Rise Viewer website. The 3 ft data was used for the year 2050 scenario, and the 6 ft data was used for the year 2100 scenario.

G.5.7 Tsunami

Tsunami hazards area data was identified and used for the exposure analyses. The data was provided by the California Geological Survey (CGS). The hazard areas data was updated for all coastal counties in 2021 or 2022. The second-generation state inundation maps, published in 2009, were modeled at a 30-to-90m resolution for various local and distant tsunami sources. The new (2021/2022) modeling results, use 10-m resolution data and are part of a probabilistic tsunami hazard analysis (PTHA). The tsunami sources selected for inclusion in development of the new maps represent large, realistic events primarily from the Alaska and Cascadia subduction zones, equivalent to a baseline of the 975-year average return period (ARP).

G.5.8 Volcano

Volcano eruption hazards data was identified and used for the exposure analyses. The potential volcano eruption hazards (USGS Data Series 661) dataset – *DS-661* – was downloaded from the USGS publications website. The dataset includes layers for lava flow, tephra, base surge, pyroclastic flow, flowage, and vent area hazards. The geographic areas covered include: Shasta/Medicine Lake/Lassen; Clear Lake; Mono Lake/Long Valley; Owens River/Ubehebe Crater/Coso; Amboy Crater/Lavic Lake; and Salton Buttes. The hazard types for all geographic areas were combined into one hazard layer for the exposure analysis.

G.5.9 Wildfire

Fire hazard severity zones data was identified and used for the exposure analyses. The zones are areas of significant fire hazards based on fuels, terrain, weather, and other relevant factors. The statewide, adopted State Responsibility Areas (SRA) fire hazard severity zones data – *fhszssn* – was downloaded from the Ca FIRE State Fire Marshall website. The recommended Local Responsibility Area (LRA) fire hazard zones data for each county, where available, was also downloaded from the State Fire Marshall website. The SRA very high and high hazard zones, and the LRA very high hazard zones were combined into one hazard layer for the exposure analyses.

Attachment G1
State Asset Inventory

Risk Analysis Results – No Hazard – Buildable Lands by County

County	Total Acres of Buildable Lands
Alameda	83,922
Alpine	50,861
Amador	97,686
Butte	88,320
Calaveras	124,320
Colusa	39,975
Contra Costa	28,731
Del Norte	10,802
El Dorado	184,442
Fresno	51,792
Glenn	2,085
Humboldt	78,482
Imperial	710,020
Inyo	246,441
Kern	1,014,386
Kings	8,907
Lake	82,544
Lassen	180,689
Los Angeles	911,564
Madera	41,190
Marin	24,696
Mariposa	228,533
Mendocino	855,474
Merced	12,030
Modoc	2,853
Mono	130,547
Monterey	92,667
Napa	169,772
Nevada	146,358
Orange	151,777

Risk Analysis Results – No Hazard – Buildable Lands by County

County	Total Acres of Buildable Lands
Placer	122,653
Plumas	60,257
Riverside	1,065,179
Sacramento	75,501
San Benito	8,877
San Bernardino	1,734,287
San Diego	522,630
San Francisco	4,245
San Joaquin	28,214
San Luis Obispo	733,458
San Mateo	32,801
Santa Barbara	28,657
Santa Clara	43,054
Santa Cruz	40,770
Shasta	381,315
Sierra	35,361
Siskiyou	508,754
Solano	55,831
Sonoma	57,738
Stanislaus	14,179
Sutter	2,369
Tehama	84,053
Trinity	116,464
Tulare	6,847
Tuolumne	70,255
Ventura	31,804
Yolo	40,856
Yuba	30,685
Total	11,788,962

Risk Analysis Results – No Hazard – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	6	18	2	2	3	11	42
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	4	0	1	0	0	0	5
Calaveras	0	0	1	0	0	0	0	1
Colusa	0	3	0	4	0	0	0	7
Contra Costa	0	15	7	5	3	1	5	36
Del Norte	0	0	0	0	0	1	0	1
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	7	17	5	1	2	0	32
Glenn	0	0	0	1	0	0	0	1
Humboldt	0	1	0	0	0	1	1	3
Imperial	0	5	7	1	0	0	3	16
Inyo	0	1	5	0	0	0	0	6
Kern	0	14	12	3	0	1	2	32
Kings	0	1	8	0	0	0	0	9
Lake	0	1	0	0	0	0	0	1
Lassen	0	0	0	0	0	0	0	0
Los Angeles	13	43	36	12	10	5	39	158
Madera	0	1	0	0	0	0	0	1
Marin	0	0	0	0	1	0	2	3
Mariposa	0	0	0	0	0	0	0	0
Mendocino	1	0	0	0	0	0	0	1
Merced	0	3	6	0	0	0	0	9
Modoc	0	1	0	0	0	0	0	1
Mono	0	0	3	0	0	0	0	3
Monterey	0	2	2	0	0	1	0	5
Napa	0	0	0	0	1	0	0	1
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – No Hazard – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	4	11	2	4	3	3	27
Placer	0	0	1	1	0	1	1	4
Plumas	0	0	0	0	0	0	0	0
Riverside	3	10	17	4	1	1	1	37
Sacramento	5	7	4	2	3	6	3	30
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	16	18	1	3	2	6	46
San Diego	3	8	24	0	9	3	26	73
San Francisco	2	0	3	0	3	1	10	19
San Joaquin	1	2	9	3	0	1	4	20
San Luis Obispo	4	4	4	0	1	2	0	15
San Mateo	0	1	8	0	2	1	4	16
Santa Barbara	0	1	1	1	0	1	0	4
Santa Clara	10	3	4	0	2	2	3	24
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	5	0	0	0	1	2	8
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	1	0	0	0	0	0	1
Solano	0	3	8	1	0	2	2	16
Sonoma	0	0	0	0	0	1	0	1
Stanislaus	0	0	5	4	0	1	0	10
Sutter	0	1	1	1	0	0	0	3
Tehama	0	1	1	0	0	0	0	2
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	3	0	1	1	0	5
Tuolumne	0	0	7	0	0	0	0	7
Ventura	0	1	4	0	0	1	1	7
Yolo	0	0	2	2	0	0	2	6

Risk Analysis Results – No Hazard – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	42	176	257	56	47	46	131	755

Risk Analysis Results – No Hazard – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	$2.2 Billion to Greater Than $4.0 Billion	$5.9 Billion to Greater Than $10.2 Billion	$200.0 Million to $1.0 Billion	$1.1 Billion to Greater Than $1.5 Billion	$1.0 Billion to $2.1 Billion	$3.3 Billion to Greater Than $5.9 Billion
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	$2.1 Billion to Greater Than $2.6 Billion	-	$100.0 Million to $500.0 Million	-	-	-
Calaveras	-	-	$100.0 Million to $500.0 Million	-	-	-	-
Colusa	-	$300.0 Million to $1.5 Billion	-	$220.0 Million to $1.2 Billion	-	-	-
Contra Costa	-	$6.3 Billion to Greater Than $10.1 Billion	$520.0 Million to $2.7 Billion	$1.3 Billion to Greater Than $2.6 Billion	$3.0 Billion to Greater Than $3.0 Billion	$0 to $10.0 Million	$1.6 Billion to Greater Than $2.7 Billion
Del Norte	-	-	-	-	-	$10.0 Million to $100.0 Million	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	$4.2 Billion to Greater Than $6.0 Billion	$1.7 Billion to $7.3 Billion	$320.0 Million to $1.7 Billion	$1.0 Billion to Greater Than $1.0 Billion	$10.0 Million to $110.0 Million	-
Glenn	-	-	-	$10.0 Million to $100.0 Million	-	-	-

Risk Analysis Results – No Hazard – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Humboldt	-	$10.0 Million to $100.0 Million	-	-	-	$0 to $10.0 Million	$100.0 Million to $500.0 Million
Imperial	-	$2.2 Billion to Greater Than $3.1 Billion	$1.2 Billion to Greater Than $2.2 Billion	$10.0 Million to $100.0 Million	-	-	$1.1 Billion to $2.5 Billion
Inyo	-	$100.0 Million to $500.0 Million	$2.1 Billion to Greater Than $3.5 Billion	-	-	-	-
Kern	-	$7.6 Billion to Greater Than $11.0 Billion	$780.0 Million to $2.8 Billion	$210.0 Million to $1.1 Billion	-	$0 to $10.0 Million	$20.0 Million to $200.0 Million
Kings	-	$100.0 Million to $500.0 Million	$1.2 Billion to $3.4 Billion	-	-	-	-
Lake	-	$10.0 Million to $100.0 Million	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	$3.0 Billion to Greater Than $6.9 Billion	$22.0 Billion to Greater Than $33.7 Billion	$7.0 Billion to Greater Than $17.2 Billion	$750.0 Million to $4.0 Billion	$8.1 Billion to Greater Than $8.6 Billion	$230.0 Million to $1.3 Billion	$7.8 Billion to Greater Than $18.8 Billion
Madera	-	$100.0 Million to $500.0 Million	-	-	-	-	-

Risk Analysis Results – No Hazard – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Marin	-	-	-	-	$10.0 Million to $100.0 Million	-	$1.0 Billion to Greater Than $1.1 Billion
Mariposa	-	-	-	-	-	-	-
Mendocino	$100.0 Million to $500.0 Million	-	-	-	-	-	-
Merced	-	$1.1 Billion to Greater Than $1.6 Billion	$820.0 Million to $2.7 Billion	-	-	-	-
Modoc	-	$100.0 Million to $500.0 Million	-	-	-	-	-
Mono	-	-	$1.5 Billion to Greater Than $2.1 Billion	-	-	-	-
Monterey	-	$1.1 Billion to Greater Than $1.5 Billion	$600.0 Million to $1.5 Billion	-	-	$10.0 Million to $100.0 Million	-
Napa	-	-	-	-	$500.0 Million to $1.0 Billion	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	$310.0 Million to $1.6 Billion	$3.4 Billion to Greater Than $6.3 Billion	$200.0 Million to $1.0 Billion	$1.0 Billion to Greater Than $1.2 Billion	$20.0 Million to $210.0 Million	$210.0 Million to $1.1 Billion
Placer	-	-	$1.0 Billion to Greater Than $1.0 Billion	$10.0 Million to $100.0 Million	-	$100.0 Million to $500.0 Million	$10.0 Million to $100.0 Million
Plumas	-	-	-	-	-	-	-
Riverside	$300.0 Million to $1.5 Billion	$5.4 Billion to Greater	$1.5 Billion to Greater Than $4.1 Billion	$220.0 Million to $1.2 Billion	$10.0 Million to $100.0 Million	$10.0 Million to $100.0 Million	$10.0 Million to $100.0 Million

Risk Analysis Results – No Hazard – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
		Than $8.0 Billion					
Sacramento	$1.1 Billion to Greater Than $1.8 Billion	$430.0 Million to $2.3 Billion	$710.0 Million to $2.1 Billion	$110.0 Million to $600.0 Million	$1.0 Billion to Greater Than $1.2 Billion	$230.0 Million to $1.3 Billion	$610.0 Million to $1.6 Billion
San Benito	-	-	-	-	-	-	-
San Bernardino	-	$6.0 Billion to Greater Than $11.0 Billion	$4.3 Billion to Greater Than $7.1 Billion	$10.0 Million to $100.0 Million	$2.0 Billion to Greater Than $2.0 Billion	$100.0 Million to $510.0 Million	$240.0 Million to $1.4 Billion
San Diego	$1.1 Billion to Greater Than $1.6 Billion	$1.5 Billion to Greater Than $3.7 Billion	$1.8 Billion to $6.8 Billion	-	$8.1 Billion to Greater Than $8.5 Billion	$30.0 Million to $300.0 Million	$7.6 Billion to Greater Than $16.9 Billion
San Francisco	$600.0 Million to $1.5 Billion	-	$520.0 Million to $1.2 Billion	-	$2.0 Billion to Greater Than $2.1 Billion	$10.0 Million to $100.0 Million	$6.8 Billion to Greater Than $8.5 Billion
San Joaquin	$100.0 Million to $500.0 Million	$1.5 Billion to Greater Than $2.0 Billion	$1.6 Billion to $3.9 Billion	$300.0 Million to $1.5 Billion	-	$100.0 Million to $500.0 Million	$1.0 Billion to Greater Than $1.3 Billion
San Luis Obispo	$1.6 Billion to $3.5 Billion	$3.1 Billion to Greater Than $3.5 Billion	$40.0 Million to $400.0 Million	-	$1.0 Billion to Greater Than $1.0 Billion	$110.0 Million to $600.0 Million	-
San Mateo	-	$10.0 Million to $100.0 Million	$1.8 Billion to Greater Than $3.8 Billion	-	$1.0 Billion to Greater Than $1.1 Billion	$100.0 Million to $500.0 Million	$2.2 Billion to Greater Than $3.0 Billion
Santa Barbara	-	$1.0 Billion to Greater	$10.0 Million to $100.0 Million	$100.0 Million to $500.0 Million	-	$100.0 Million to $500.0 Million	-

Risk Analysis Results – No Hazard – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
		Than $1.0 Billion					
Santa Clara	$1.2 Billion to $4.7 Billion	$210.0 Million to $1.1 Billion	$1.1 Billion to Greater Than $1.7 Billion	-	$2.0 Billion to Greater Than $2.0 Billion	$20.0 Million to $200.0 Million	$1.1 Billion to Greater Than $1.6 Billion
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	$1.4 Billion to Greater Than $3.0 Billion	-	-	-	$10.0 Million to $100.0 Million	$200.0 Million to $1.0 Billion
Sierra	-	-	-	-	-	-	-
Siskiyou	-	$10.0 Million to $100.0 Million	-	-	-	-	-
Solano	-	$2.1 Billion to Greater Than $2.5 Billion	$740.0 Million to $2.4 Billion	$10.0 Million to $100.0 Million	-	$10.0 Million to $110.0 Million	$1.1 Billion to Greater Than $1.5 Billion
Sonoma	-	-	-	-	-	$0 to $10.0 Million	-
Stanislaus	-	-	$1.6 Billion to Greater Than $2.7 Billion	$220.0 Million to $1.2 Billion	-	$10.0 Million to $100.0 Million	-
Sutter	-	$100.0 Million to $500.0 Million	$100.0 Million to $500.0 Million	$10.0 Million to $100.0 Million	-	-	-
Tehama	-	$100.0 Million to $500.0 Million	$100.0 Million to $500.0 Million	-	-	-	-
Trinity	-	-	-	-	-	-	-

Risk Analysis Results – No Hazard – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Tulare	-	-	$300.0 Million to $1.5 Billion	-	$1.0 Billion to Greater Than $1.0 Billion	$10.0 Million to $100.0 Million	-
Tuolumne	-	-	$3.3 Billion to Greater Than $5.5 Billion	-	-	-	-
Ventura	-	$100.0 Million to $500.0 Million	$40.0 Million to $400.0 Million	-	-	$10.0 Million to $100.0 Million	$1.0 Billion to Greater Than $1.0 Billion
Yolo	-	-	$1.1 Billion to Greater Than $1.5 Billion	$20.0 Million to $200.0 Million	-	-	$600.0 Million to $1.5 Billion
Yuba	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

Risk Analysis Results – No Hazard – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	294,179	1,682,361	17.5%
Alpine	1,204	1,204	100.0%
Amador	0	40,474	0.0%
Butte	38,659	211,632	18.3%
Calaveras	0	45,293	0.0%
Colusa	11,483	21,841	52.6%
Contra Costa	228,654	1,165,925	19.6%
Del Norte	11,064	27,743	39.9%
El Dorado	9,595	191,186	5.0%
Fresno	565,682	1,008,656	56.1%
Glenn	20,183	28,917	69.8%
Humboldt	13,174	136,466	9.7%
Imperial	147,701	179,700	0.0%
Inyo	3,080	19,016	16.2%
Kern	461,465	909,235	50.8%
Kings	72,932	152,486	0.0%
Lake	16,489	68,162	24.2%
Lassen	2,663	32,730	8.1%
Los Angeles	4,094,334	10,013,997	40.9%
Madera	73,086	156,254	46.8%
Marin	13,243	262,324	5.0%
Mariposa	0	17,132	0.0%
Mendocino	43,406	91,600	47.4%
Merced	202,666	281,201	72.1%
Modoc	3,414	8,701	39.2%
Mono	0	13,195	0.0%
Monterey	163,898	439,029	37.3%
Napa	17,637	138,019	12.8%
Nevada	6,996	102,241	6.8%
Orange	771,118	3,186,999	24.2%

Risk Analysis Results – No Hazard – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	12,627	404,739	3.1%
Plumas	0	19,789	0.0%
Riverside	771,388	2,418,184	31.9%
Sacramento	414,267	1,585,054	26.1%
San Benito	4,463	64,211	7.0%
San Bernardino	860,408	2,181,654	39.4%
San Diego	711,586	3,298,644	21.6%
San Francisco	90,211	873,964	10.3%
San Joaquin	305,191	779,231	39.2%
San Luis Obispo	0	282,427	0.0%
San Mateo	58,741	764,438	7.7%
Santa Barbara	122,539	448,226	27.3%
Santa Clara	217,303	1,936,253	11.2%
Santa Cruz	62,705	270,863	23.2%
Shasta	26,050	182,158	14.3%
Sierra	0	3,236	0.0%
Siskiyou	9,371	44,077	21.3%
Solano	75,995	453,492	16.8%
Sonoma	60,919	488,863	12.5%
Stanislaus	242,468	552,876	43.9%
Sutter	43,611	99,632	43.8%
Tehama	37,594	65,828	57.1%
Trinity	0	16,112	0.0%
Tulare	329,496	473,120	69.6%
Tuolumne	0	55,620	0.0%
Ventura	178,965	843,843	21.2%
Yolo	63,820	216,404	29.5%
Yuba	35,843	81,575	43.9%
Total	12,023,566	39,538,232	30.4%

Risk Analysis Results – No Hazard – State Bridges by County

County	# of Bridges
Alameda	495
Alpine	19
Amador	21
Butte	121
Calaveras	33
Colusa	64
Contra Costa	323
Del Norte	42
El Dorado	73
Fresno	361
Glenn	73
Humboldt	202
Imperial	291
Inyo	33
Kern	357
Kings	56
Lake	39
Lassen	38
Los Angeles	2,273
Madera	67
Marin	90
Mariposa	35
Mendocino	197
Merced	204
Modoc	28
Mono	31
Monterey	217
Napa	55
Nevada	74
Orange	657

Risk Analysis Results – No Hazard – State Bridges by County

County	# of Bridges
Placer	147
Plumas	37
Riverside	653
Sacramento	310
San Benito	27
San Bernardino	919
San Diego	1,075
San Francisco	114
San Joaquin	315
San Luis Obispo	189
San Mateo	240
Santa Barbara	233
Santa Clara	529
Santa Cruz	93
Shasta	168
Sierra	22
Siskiyou	145
Solano	179
Sonoma	181
Stanislaus	129
Sutter	31
Tehama	132
Trinity	55
Tulare	177
Tuolumne	36
Ventura	310
Yolo	154
Yuba	32
Total	13,201

Risk Analysis Results – No Hazard – State Dams by County

County	Number of State-Owned Dams
Alameda	4
Alpine	2
Amador	1
Butte	5
Calaveras	0
Colusa	0
Contra Costa	1
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	1
Los Angeles	4
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	4
Nevada	0
Orange	0

Risk Analysis Results – No Hazard – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	5
Riverside	1
Sacramento	1
San Benito	0
San Bernardino	3
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	1
San Mateo	1
Santa Barbara	1
Santa Clara	3
Santa Cruz	2
Shasta	0
Sierra	1
Siskiyou	3
Solano	0
Sonoma	3
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	1
Ventura	0
Yolo	1
Yuba	0
Total	49

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	2	456,000	$6,708,484	$6,708,484	$13,416,969
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	3,896	42,442,942	$3,419,731,320	$2,254,012,157	$5,673,743,477
CA Dept of Developmental Services	247	2,320,939	$305,783,571	$390,885,847	$696,669,418
CA Dept of Education	140	1,007,880	$72,292,955	$71,471,656	$143,764,611
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	845	1,330,340	$89,666,843	$83,408,895	$173,075,738
CA Dept of Food and Agriculture	76	122,874	$30,910,938	$29,788,728	$60,699,666
CA Dept of Forestry and Fire Protection	1,902	3,643,642	$736,735,169	$701,301,076	$1,438,036,245
CA Dept of General Services	310	20,654,110	$1,732,903,909	$1,791,018,582	$3,523,922,491
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	25	1,588,233	$655,289,706	$341,691,270	$996,980,976
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	2	14,645	$3,285,839	$3,285,839	$6,571,679
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	97	1,785,342	$325,180,246	$324,392,800	$649,573,047
CA Dept of Parks and Recreation	5,991	7,162,144	$376,063,052	$316,591,750	$692,654,802
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	7	697,153	$79,327,904	$90,002,833	$169,330,737
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	4	42,278	$5,950,867	$5,950,867	$11,901,734
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	525	6,470,903	$382,822,433	$454,638,764	$837,461,197
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	3	34,840	$0	$0	$0
CA Dept of Transportation	2,167	6,172,409	$1,287,730,307	$1,193,880,906	$2,481,611,213
CA Dept of Veterans Affairs	120	2,539,986	$226,667,113	$186,735,522	$413,402,634
CA Dept of Water Resources	24	409,655	$31,568,273	$34,584,036	$66,152,309
CA Employment Development Department	19	387,590	$59,018,440	$59,438,012	$118,456,452
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	1	48	$8,699,380	$8,699,380	$17,398,761
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	105	291,500	$75,585,606	$74,054,727	$149,640,332
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	47	1,156,350	$399,139,462	$383,882,594	$783,022,056
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	1	8,949	$1,208,407	$1,208,407	$2,416,814
California Highway Patrol	179	854,645	$209,732,731	$274,788,363	$484,521,095
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	12	413,774	$60,532,682	$60,608,298	$121,140,980
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	14	129,228	$6,937,317	$6,937,317	$13,874,633
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	1	3,325	$0	$0	$0
California State Legislature	1	237,000	$100,716,549	$100,716,549	$201,433,099
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	1,705	79,627,259	$3,704,027,181	$3,806,699,329	$7,510,726,510

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	2	8,550	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	1	21,200	$0	$0	$0
Coachella Valley Mountains Conservancy	4	3,150	$282,137	$141,069	$423,206
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	1,296	8,255,285	$1,096,377,394	$1,114,735,804	$2,211,113,197
Exposition Park California	9	1,828,101	$51,659,745	$51,659,745	$103,319,490
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	113	11,425,381	$1,584,526,727	$1,706,366,178	$3,290,892,905
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	8	13,917	$57,781	$28,891	$86,672
Santa Monica Mountains Conservancy	50	45,249	$3,147,728	$1,573,864	$4,721,592
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	4,010	39,019,880	$2,032,657,630	$1,630,837,050	$3,663,494,680

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	23,961	242,626,696	$19,162,925,827	$17,562,725,589	$36,725,651,416

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	1	$823,326	$411,663	$1,234,988
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	50	$111,267,273	$115,491,232	$226,758,505
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	1	$16,931,946	$16,931,946	$33,863,892
CA Delta Protection Commission	1	$8,545,399	$12,818,099	$21,363,498
CA Dept of Aging	1	$304,150	$152,075	$456,224
CA Dept of Alcoholic Beverage Control	21	$83,260,200	$83,260,200	$166,520,400
CA Dept of Cannabis Control	6	$35,230,874	$35,230,874	$70,461,749
CA Dept of Child Support Services	3	$18,963,001	$18,963,001	$37,926,003
CA Dept of Community Services and Development	1	$3,989,743	$3,989,743	$7,979,485
CA Dept of Conservation	9	$55,995,909	$55,995,909	$111,991,818
CA Dept of Consumer Affairs	71	$415,192,610	$444,128,251	$859,320,860
CA Dept of Corrections and Rehabilitation	97	$502,731,166	$514,921,870	$1,017,653,037
CA Dept of Developmental Services	4	$19,418,453	$15,189,315	$34,607,768
CA Dept of Education	43	$162,070,656	$162,823,215	$324,893,871
CA Dept of Fair Employment and Housing	4	$24,767,634	$25,672,132	$50,439,766
CA Dept of Financial Protection and Innovation	8	$127,320,864	$127,320,864	$254,641,727
CA Dept of Fish and Wildlife	182	$431,766,181	$445,858,356	$877,624,537
CA Dept of Food and Agriculture	89	$206,518,428	$222,392,319	$428,910,747

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	157	$269,362,465	$290,043,072	$559,405,538
CA Dept of General Services	25	$423,040,700	$436,882,698	$859,923,398
CA Dept of Health Care Access and Information	3	$87,962,182	$92,639,442	$180,601,624
CA Dept of Health Care Services	14	$87,667,586	$90,320,873	$177,988,459
CA Dept of Housing & Community Development	4	$20,151,137	$20,151,137	$40,302,274
CA Dept of Human Resources	1	$15,260,354	$15,260,354	$30,520,708
CA Dept of Industrial Relations	55	$512,585,508	$523,397,285	$1,035,982,793
CA Dept of Insurance	15	$96,305,603	$98,102,034	$194,407,637
CA Dept of Justice	11	$59,757,599	$59,757,599	$119,515,198
CA Dept of Managed Health Care	1	$16,931,946	$16,931,946	$33,863,892
CA Dept of Motor Vehicles	131	$482,558,437	$492,089,759	$974,648,196
CA Dept of Parks and Recreation	23	$62,625,014	$68,396,758	$131,021,772
CA Dept of Pesticide Regulation	5	$58,814,877	$62,576,444	$121,391,321
CA Dept of Public Health	41	$233,791,952	$239,427,100	$473,219,052
CA Dept of Real Estate	3	$13,304,291	$13,304,291	$26,608,582
CA Dept of Rehabilitation	74	$362,200,726	$369,515,496	$731,716,223
CA Dept of Resources Recycling and Recovery	13	$120,772,396	$120,772,396	$241,544,791
CA Dept of Social Services	62	$435,241,971	$449,170,662	$884,412,633
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	21	$140,540,103	$140,946,452	$281,486,554
CA Dept of Technology	3	$14,476,580	$14,476,580	$28,953,160
CA Dept of Toxic Substances Control	9	$30,642,026	$32,034,425	$62,676,452
CA Dept of Transportation	57	$191,125,894	$185,763,689	$376,889,583
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	25	$88,110,843	$91,075,637	$179,186,479

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	105	$551,088,828	$558,010,825	$1,109,099,653
CA Franchise Tax Board	9	$127,845,597	$127,845,597	$255,691,193
CA Governor's Office of Emergency Services	36	$130,198,916	$132,803,647	$263,002,564
CA Governor's Office of Business and Economic Development	4	$68,508,726	$68,508,726	$137,017,453
CA Native American Heritage Commission	1	$3,317,820	$3,317,820	$6,635,641
CA Office of Administrative Law	1	$18,452,265	$18,452,265	$36,904,529
CA Office of Lieutenant Governor	1	$7,901,513	$7,901,513	$15,803,026
CA Office of Systems Integration	5	$31,126,211	$31,126,211	$62,252,421
CA Office of Tax Appeals	5	$180,329,360	$180,329,360	$360,658,720
CA Office of the Inspector General	3	$11,196,515	$11,196,515	$22,393,030
CA State Controller's Office	6	$91,499,479	$91,499,479	$182,998,958
California Agricultural Labor Relations Board	5	$30,060,827	$30,060,827	$60,121,655
California Arts Council	1	$3,551,663	$3,551,663	$7,103,325
California Board of State and Community Corrections	1	$2,750,277	$2,750,277	$5,500,553
California Children and Families Commission	1	$3,989,743	$3,989,743	$7,979,485
California Citizens Redistricting Commission	1	$188,557	$188,557	$377,115
California Coastal Commission	7	$17,633,096	$19,194,800	$36,827,896
California Commission on Teacher Credentialing	1	$6,293,415	$6,293,415	$12,586,829
California Commission on the Status of Women and Girls	1	$12,179,499	$12,179,499	$24,358,999
California Community Colleges Board of Governors	1	$27,224,918	$27,224,918	$54,449,835
California Conservation Corps	24	$39,311,636	$42,484,051	$81,795,687
California Education Audit Appeals Panel	1	$28,396,102	$28,396,102	$56,792,204

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	2	$69,619,747	$69,619,747	$139,239,493
California Energy Commission	1	$9,354,520	$14,031,779	$23,386,299
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	1	$27,224,918	$27,224,918	$54,449,835
California Gambling Control Commission	2	$7,917,273	$7,917,273	$15,834,545
California Government Operation Agency	2	$58,507,901	$58,507,901	$117,015,802
California Health and Human Services Agency	1	$12,179,499	$12,179,499	$24,358,999
California Health Benefit Exchange	2	$34,164,754	$45,566,119	$79,730,872
California High-Speed Rail Authority	7	$241,288,711	$241,288,711	$482,577,422
California Highway Patrol	91	$216,318,340	$255,294,067	$471,612,407
California Horse Racing Board	1	$8,143,542	$8,143,542	$16,287,084
California Law Revision Commission	1	$1,421,468	$1,421,468	$2,842,936
California Lottery	4	$20,213,717	$20,213,717	$40,427,433
California Mental Health Services Oversight and Accountability Commission	2	$32,573,769	$32,573,769	$65,147,537
California Military Department	8	$17,426,805	$17,402,588	$34,829,394
California Office of the State Public Defender	2	$36,507,772	$36,507,772	$73,015,544
California Prison Industry Authority	2	$11,918,431	$13,811,919	$25,730,350
California Public Employment Relations Board	3	$11,649,984	$11,649,984	$23,299,968
California Public Utilities Commission	16	$207,859,627	$209,150,679	$417,010,306
California State Board of Equalization	6	$84,264,547	$84,264,547	$168,529,094
California State Independent Living Council	1	$5,094,778	$5,094,778	$10,189,556

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	5	$20,004,379	$20,004,379	$40,008,759
California State Legislature	0	$0	$0	$0
California State Personnel Board	2	$5,304,890	$5,304,890	$10,609,780
California State Summer School for the Arts	1	$3,483,235	$3,483,235	$6,966,470
California State Transportation Agency	1	$4,003,651	$4,003,651	$8,007,303
California State University	98	$186,994,716	$157,230,248	$344,224,963
California State Water Resources Control Board	32	$140,323,571	$142,991,337	$283,314,908
California Student Aid Commission	1	$7,166,325	$7,166,325	$14,332,650
California Tahoe Conservancy	2	$2,412,443	$2,823,962	$5,236,405
California Transportation Commission	1	$0	$0	$0
California Victim Compensation Board	1	$49,414,245	$49,414,245	$98,828,490
Cannabis Control Appeals Panel	1	$49,414,245	$49,414,245	$98,828,490
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	1	$5,028,686	$5,028,686	$10,057,372
Commission on Peace Officer Standards and Training	1	$4,312,511	$4,312,511	$8,625,023
District Agricultural Associations	4	$10,451,881	$10,376,100	$20,827,982
Exposition Park California	0	$0	$0	$0
Financial Information System for California	1	$12,712,930	$12,712,930	$25,425,861
Habeas Corpus Resource Center	2	$15,293,922	$15,293,922	$30,587,845
Judicial Council of California	5	$36,491,964	$36,080,301	$72,572,265
Milton Marks (Little Hoover) Commission	1	$12,179,499	$12,179,499	$24,358,999
Sacramento-San Joaquin Delta Conservancy	1	$3,600,158	$3,600,158	$7,200,315
San Diego River Conservancy	1	$244,719	$244,719	$489,439

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	1	$43,490,184	$43,490,184	$86,980,367
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	1	$789,576	$394,788	$1,184,364
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	6	$19,740,170	$19,841,361	$39,581,531
University of California	0	$0	$0	$0
Total	1,893	$9,216,928,646	$9,438,197,133	$18,655,125,778

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	1	$823,326	$411,663	$1,234,988
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	52	$117,975,758	$122,199,716	$240,175,474
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	1	$16,931,946	$16,931,946	$33,863,892
CA Delta Protection Commission	1	$8,545,399	$12,818,099	$21,363,498
CA Dept of Aging	1	$304,150	$152,075	$456,224
CA Dept of Alcoholic Beverage Control	21	$83,260,200	$83,260,200	$166,520,400
CA Dept of Cannabis Control	6	$35,230,874	$35,230,874	$70,461,749
CA Dept of Child Support Services	3	$18,963,001	$18,963,001	$37,926,003
CA Dept of Community Services and Development	1	$3,989,743	$3,989,743	$7,979,485
CA Dept of Conservation	9	$55,995,909	$55,995,909	$111,991,818
CA Dept of Consumer Affairs	71	$415,192,610	$444,128,251	$859,320,860
CA Dept of Corrections and Rehabilitation	3,993	$3,922,462,486	$2,768,934,028	$6,691,396,514

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	251	$325,202,024	$406,075,161	$731,277,185
CA Dept of Education	183	$234,363,611	$234,294,871	$468,658,482
CA Dept of Fair Employment and Housing	4	$24,767,634	$25,672,132	$50,439,766
CA Dept of Financial Protection and Innovation	8	$127,320,864	$127,320,864	$254,641,727
CA Dept of Fish and Wildlife	1,027	$521,433,024	$529,267,251	$1,050,700,275
CA Dept of Food and Agriculture	165	$237,429,367	$252,181,047	$489,610,413
CA Dept of Forestry and Fire Protection	2,059	$1,006,097,635	$991,344,149	$1,997,441,783
CA Dept of General Services	335	$2,155,944,609	$2,227,901,280	$4,383,845,889
CA Dept of Health Care Access and Information	3	$87,962,182	$92,639,442	$180,601,624
CA Dept of Health Care Services	14	$87,667,586	$90,320,873	$177,988,459
CA Dept of Housing & Community Development	29	$675,440,843	$361,842,407	$1,037,283,250
CA Dept of Human Resources	1	$15,260,354	$15,260,354	$30,520,708
CA Dept of Industrial Relations	55	$512,585,508	$523,397,285	$1,035,982,793
CA Dept of Insurance	15	$96,305,603	$98,102,034	$194,407,637
CA Dept of Justice	13	$63,043,439	$63,043,439	$126,086,877
CA Dept of Managed Health Care	1	$16,931,946	$16,931,946	$33,863,892
CA Dept of Motor Vehicles	228	$807,738,684	$816,482,559	$1,624,221,242
CA Dept of Parks and Recreation	6,014	$438,688,066	$384,988,508	$823,676,574
CA Dept of Pesticide Regulation	5	$58,814,877	$62,576,444	$121,391,321
CA Dept of Public Health	48	$313,119,856	$329,429,933	$642,549,789
CA Dept of Real Estate	3	$13,304,291	$13,304,291	$26,608,582
CA Dept of Rehabilitation	78	$368,151,593	$375,466,363	$743,617,957
CA Dept of Resources Recycling and Recovery	13	$120,772,396	$120,772,396	$241,544,791
CA Dept of Social Services	62	$435,241,971	$449,170,662	$884,412,633
CA Dept of State Hospitals	525	$382,822,433	$454,638,764	$837,461,197

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	21	$140,540,103	$140,946,452	$281,486,554
CA Dept of Technology	3	$14,476,580	$14,476,580	$28,953,160
CA Dept of Toxic Substances Control	12	$30,642,026	$32,034,425	$62,676,452
CA Dept of Transportation	2,224	$1,478,856,201	$1,379,644,595	$2,858,500,795
CA Dept of Veterans Affairs	120	$226,667,113	$186,735,522	$413,402,634
CA Dept of Water Resources	49	$119,679,115	$125,659,673	$245,338,788
CA Employment Development Department	124	$610,107,268	$617,448,837	$1,227,556,105
CA Franchise Tax Board	9	$127,845,597	$127,845,597	$255,691,193
CA Governor's Office of Emergency Services	37	$138,898,296	$141,503,028	$280,401,324
CA Governor's Office of Business and Economic Development	4	$68,508,726	$68,508,726	$137,017,453
CA Native American Heritage Commission	1	$3,317,820	$3,317,820	$6,635,641
CA Office of Administrative Law	1	$18,452,265	$18,452,265	$36,904,529
CA Office of Lieutenant Governor	1	$7,901,513	$7,901,513	$15,803,026
CA Office of Systems Integration	5	$31,126,211	$31,126,211	$62,252,421
CA Office of Tax Appeals	5	$180,329,360	$180,329,360	$360,658,720
CA Office of the Inspector General	3	$11,196,515	$11,196,515	$22,393,030
CA State Controller's Office	6	$91,499,479	$91,499,479	$182,998,958
California Agricultural Labor Relations Board	5	$30,060,827	$30,060,827	$60,121,655
California Arts Council	1	$3,551,663	$3,551,663	$7,103,325
California Board of State and Community Corrections	1	$2,750,277	$2,750,277	$5,500,553
California Children and Families Commission	1	$3,989,743	$3,989,743	$7,979,485
California Citizens Redistricting Commission	1	$188,557	$188,557	$377,115
California Coastal Commission	7	$17,633,096	$19,194,800	$36,827,896

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	1	$6,293,415	$6,293,415	$12,586,829
California Commission on the Status of Women and Girls	1	$12,179,499	$12,179,499	$24,358,999
California Community Colleges Board of Governors	1	$27,224,918	$27,224,918	$54,449,835
California Conservation Corps	129	$114,897,241	$116,538,778	$231,436,019
California Education Audit Appeals Panel	1	$28,396,102	$28,396,102	$56,792,204
California Emergency Medical Services Authority	2	$69,619,747	$69,619,747	$139,239,493
California Energy Commission	1	$9,354,520	$14,031,779	$23,386,299
California Exposition and State Fair	47	$399,139,462	$383,882,594	$783,022,056
California Fair Political Practices Commission	1	$27,224,918	$27,224,918	$54,449,835
California Gambling Control Commission	2	$7,917,273	$7,917,273	$15,834,545
California Government Operation Agency	2	$58,507,901	$58,507,901	$117,015,802
California Health and Human Services Agency	1	$12,179,499	$12,179,499	$24,358,999
California Health Benefit Exchange	2	$34,164,754	$45,566,119	$79,730,872
California High-Speed Rail Authority	8	$242,497,118	$242,497,118	$484,994,237
California Highway Patrol	270	$426,051,071	$530,082,430	$956,133,501
California Horse Racing Board	1	$8,143,542	$8,143,542	$16,287,084
California Law Revision Commission	1	$1,421,468	$1,421,468	$2,842,936
California Lottery	16	$80,746,399	$80,822,014	$161,568,413
California Mental Health Services Oversight and Accountability Commission	2	$32,573,769	$32,573,769	$65,147,537
California Military Department	22	$24,364,122	$24,339,905	$48,704,027
California Office of the State Public Defender	2	$36,507,772	$36,507,772	$73,015,544

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	2	$11,918,431	$13,811,919	$25,730,350
California Public Employment Relations Board	3	$11,649,984	$11,649,984	$23,299,968
California Public Utilities Commission	16	$207,859,627	$209,150,679	$417,010,306
California State Board of Equalization	6	$84,264,547	$84,264,547	$168,529,094
California State Independent Living Council	1	$5,094,778	$5,094,778	$10,189,556
California State Lands Commission	6	$20,004,379	$20,004,379	$40,008,759
California State Legislature	1	$100,716,549	$100,716,549	$201,433,099
California State Personnel Board	2	$5,304,890	$5,304,890	$10,609,780
California State Summer School for the Arts	1	$3,483,235	$3,483,235	$6,966,470
California State Transportation Agency	1	$4,003,651	$4,003,651	$8,007,303
California State University	1,803	$3,891,021,896	$3,963,929,577	$7,854,951,473
California State Water Resources Control Board	32	$140,323,571	$142,991,337	$283,314,908
California Student Aid Commission	1	$7,166,325	$7,166,325	$14,332,650
California Tahoe Conservancy	4	$2,412,443	$2,823,962	$5,236,405
California Transportation Commission	1	$0	$0	$0
California Victim Compensation Board	1	$49,414,245	$49,414,245	$98,828,490
Cannabis Control Appeals Panel	1	$49,414,245	$49,414,245	$98,828,490
Central Valley Flood Protection Board	1	$0	$0	$0
Coachella Valley Mountains Conservancy	5	$5,310,823	$5,169,755	$10,480,578
Commission on Peace Officer Standards and Training	1	$4,312,511	$4,312,511	$8,625,023
District Agricultural Associations	1,300	$1,106,829,275	$1,125,111,904	$2,231,941,179
Exposition Park California	9	$51,659,745	$51,659,745	$103,319,490

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	1	$12,712,930	$12,712,930	$25,425,861
Habeas Corpus Resource Center	2	$15,293,922	$15,293,922	$30,587,845
Judicial Council of California	118	$1,621,018,691	$1,742,446,479	$3,363,465,170
Milton Marks (Little Hoover) Commission	1	$12,179,499	$12,179,499	$24,358,999
Sacramento-San Joaquin Delta Conservancy	1	$3,600,158	$3,600,158	$7,200,315
San Diego River Conservancy	1	$244,719	$244,719	$489,439
San Francisco Bay Conservation and Development Commission	1	$43,490,184	$43,490,184	$86,980,367
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	1	$789,576	$394,788	$1,184,364
San Joaquin River Conservancy	8	$57,781	$28,891	$86,672
Santa Monica Mountains Conservancy	50	$3,147,728	$1,573,864	$4,721,592
Sierra Nevada Conservancy	6	$19,740,170	$19,841,361	$39,581,531
University of California	4,010	$2,032,657,630	$1,630,837,050	$3,663,494,680
Total	25,854	$28,379,854,473	$27,000,922,722	$55,380,777,194

Risk Analysis Results – No Hazard– State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	706	12,509,863	$963,198,608	$1,060,001,453	$2,023,200,061
Alpine	13	41,227	$3,410,887	$2,287,927	$5,698,814
Amador	286	2,288,899	$100,731,813	$84,109,672	$184,841,485
Butte	366	3,240,775	$194,503,457	$160,310,327	$354,813,783
Calaveras	149	335,689	$22,506,434	$22,094,277	$44,600,711
Colusa	57	226,610	$3,712,024	$3,422,251	$7,134,274
Contra Costa	134	1,483,162	$228,844,292	$241,613,973	$470,458,265
Del Norte	224	1,494,836	$189,467,347	$153,434,424	$342,901,771
El Dorado	250	413,226	$43,961,240	$43,371,552	$87,332,792
Fresno	591	7,090,955	$591,359,464	$562,833,479	$1,154,192,943
Glenn	64	243,627	$33,710,789	$40,717,926	$74,428,715
Humboldt	623	3,012,340	$132,464,749	$106,642,120	$239,106,869
Imperial	340	2,660,086	$181,994,255	$169,433,538	$351,427,793
Inyo	144	304,425	$94,092,391	$69,755,804	$163,848,195
Kern	728	6,876,970	$559,489,139	$484,900,828	$1,044,389,967
Kings	480	5,303,429	$335,301,129	$171,887,525	$507,188,654
Lake	127	241,850	$15,615,471	$12,669,738	$28,285,209
Lassen	348	2,188,772	$168,452,444	$92,684,511	$261,136,955
Los Angeles	1,533	46,839,683	$2,496,116,270	$2,833,661,784	$5,329,778,054
Madera	224	2,170,243	$131,302,982	$126,435,160	$257,738,142
Marin	568	2,427,908	$148,959,860	$121,276,817	$270,236,677
Mariposa	84	175,462	$33,808,914	$35,482,133	$69,291,047
Mendocino	663	617,728	$39,176,113	$35,791,602	$74,967,715
Merced	139	468,570	$59,921,682	$47,053,081	$106,974,762
Modoc	65	279,334	$19,298,007	$11,018,310	$30,316,317
Mono	262	312,309	$21,262,874	$15,505,074	$36,767,947
Monterey	834	4,592,929	$404,098,021	$224,515,920	$628,613,941
Napa	360	2,916,884	$154,379,548	$152,510,822	$306,890,370
Nevada	309	582,299	$45,115,597	$46,489,415	$91,605,011

Risk Analysis Results – No Hazard– State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	898	10,633,985	$731,662,869	$709,583,695	$1,441,246,564
Placer	227	355,343	$71,202,570	$80,507,499	$151,710,068
Plumas	77	95,956	$5,936,459	$4,615,305	$10,551,764
Riverside	1,290	7,886,642	$463,439,136	$395,299,658	$858,738,795
Sacramento	783	26,035,909	$2,782,469,139	$2,713,106,989	$5,495,576,128
San Benito	149	302,046	$70,058,387	$69,285,899	$139,344,286
San Bernardino	765	7,804,186	$795,163,463	$533,491,982	$1,328,655,446
San Diego	1,652	20,768,580	$1,243,213,530	$1,148,943,831	$2,392,157,361
San Francisco	184	7,861,033	$832,512,236	$764,149,741	$1,596,661,977
San Joaquin	406	4,847,291	$222,510,539	$213,872,238	$436,382,777
San Luis Obispo	671	8,879,994	$495,688,716	$485,507,107	$981,195,824
San Mateo	171	485,568	$202,170,250	$225,549,792	$427,720,042
Santa Barbara	567	3,598,530	$267,071,427	$184,292,713	$451,364,140
Santa Clara	299	6,028,895	$1,061,904,822	$781,061,369	$1,842,966,191
Santa Cruz	873	2,905,004	$844,191,081	$482,271,091	$1,326,462,172
Shasta	322	978,334	$65,353,902	$74,035,575	$139,389,477
Sierra	17	25,186	$2,500,202	$2,002,901	$4,503,104
Siskiyou	234	570,116	$17,052,365	$16,978,000	$34,030,365
Solano	327	3,218,122	$314,690,628	$208,242,540	$522,933,169
Sonoma	622	3,984,236	$386,413,399	$365,580,124	$751,993,522
Stanislaus	148	1,680,247	$115,091,156	$104,819,053	$219,910,209
Sutter	51	324,591	$22,380,565	$25,172,168	$47,552,733
Tehama	158	499,794	$21,903,744	$22,204,358	$44,108,102
Trinity	47	102,416	$28,867,986	$36,115,061	$64,983,047
Tulare	375	1,827,154	$227,889,270	$272,403,698	$500,292,968
Tuolumne	388	1,095,776	$34,434,686	$34,300,978	$68,735,664
Ventura	282	1,823,838	$294,197,882	$350,411,169	$644,609,051
Yolo	1,248	6,388,339	$104,727,276	$104,499,747	$209,227,023
Yuba	59	279,495	$21,972,345	$22,509,861	$44,482,206

Risk Analysis Results – No Hazard– State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	23,961	242,626,696	$19,162,925,827	$17,562,725,589	$36,725,651,416

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	33	$270,479,184	$270,879,030	$541,358,214
Alpine	0	$0	$0	$0
Amador	11	$2,958,089	$1,789,505	$4,747,594
Butte	48	$131,013,036	$148,551,151	$279,564,187
Calaveras	7	$5,773,625	$8,088,544	$13,862,170
Colusa	3	$11,826,640	$11,826,640	$23,653,279
Contra Costa	21	$59,051,985	$56,361,549	$115,413,534
Del Norte	6	$6,409,108	$6,409,108	$12,818,217
El Dorado	22	$19,752,716	$20,210,434	$39,963,150
Fresno	83	$359,317,670	$387,214,200	$746,531,870
Glenn	2	$2,149,720	$2,149,720	$4,299,439
Humboldt	37	$87,845,896	$93,483,839	$181,329,735
Imperial	11	$18,460,884	$17,167,009	$35,627,893
Inyo	12	$17,281,385	$15,872,749	$33,154,134
Kern	56	$167,633,223	$172,713,210	$340,346,434
Kings	4	$3,330,340	$3,250,250	$6,580,590
Lake	5	$26,599,804	$15,332,369	$41,932,173
Lassen	9	$38,566,027	$34,129,525	$72,695,552
Los Angeles	238	$1,767,419,638	$1,781,537,174	$3,548,956,812
Madera	4	$5,603,730	$8,099,960	$13,703,690
Marin	10	$10,615,005	$9,881,593	$20,496,598
Mariposa	3	$251,650	$125,825	$377,476
Mendocino	31	$56,320,093	$59,658,421	$115,978,513

Risk Analysis Results – No Hazard– State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	9	$7,671,899	$9,011,809	$16,683,708
Modoc	3	$1,744,378	$1,668,597	$3,412,975
Mono	0	$0	$0	$0
Monterey	30	$50,781,991	$43,767,407	$94,549,397
Napa	8	$22,102,576	$22,887,759	$44,990,334
Nevada	13	$15,578,056	$16,009,371	$31,587,427
Orange	59	$446,241,451	$443,853,685	$890,095,136
Placer	23	$56,063,087	$71,459,850	$127,522,938
Plumas	7	$9,575,060	$9,864,179	$19,439,239
Riverside	62	$165,773,260	$171,474,756	$337,248,016
Sacramento	392	$3,413,490,407	$3,482,916,356	$6,896,406,763
San Benito	6	$1,700,088	$1,574,112	$3,274,200
San Bernardino	73	$200,899,348	$202,139,917	$403,039,265
San Diego	98	$277,022,417	$287,151,363	$564,173,780
San Francisco	19	$201,171,598	$200,691,588	$401,863,186
San Joaquin	33	$96,043,159	$107,514,815	$203,557,975
San Luis Obispo	37	$56,922,893	$56,808,526	$113,731,419
San Mateo	20	$186,325,756	$187,879,116	$374,204,872
Santa Barbara	16	$24,639,964	$21,934,796	$46,574,760
Santa Clara	45	$107,244,528	$109,826,122	$217,070,650
Santa Cruz	13	$10,376,212	$10,786,076	$21,162,288
Shasta	34	$90,702,597	$116,312,433	$207,015,030
Sierra	0	$0	$0	$0
Siskiyou	21	$14,306,971	$14,255,439	$28,562,411
Solano	26	$109,704,548	$118,465,587	$228,170,135
Sonoma	33	$70,906,410	$77,150,986	$148,057,396
Stanislaus	18	$35,245,957	$29,808,332	$65,054,289
Sutter	3	$2,052,943	$2,052,943	$4,105,885
Tehama	13	$10,306,872	$11,206,986	$21,513,858

Risk Analysis Results – No Hazard– State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	3	$1,560,806	$1,560,806	$3,121,612
Tulare	20	$53,848,313	$53,032,428	$106,880,741
Tuolumne	12	$10,075,633	$10,852,910	$20,928,543
Ventura	43	$113,432,223	$110,013,894	$223,446,117
Yolo	42	$281,422,790	$306,197,377	$587,620,168
Yuba	3	$3,335,004	$3,335,004	$6,670,008
Total	1,893	$9,216,928,646	$9,438,197,133	$18,655,125,778

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	739	$1,233,677,792	$1,330,880,483	$2,564,558,274
Alpine	13	$3,410,887	$2,287,927	$5,698,814
Amador	297	$103,689,902	$85,899,177	$189,589,079
Butte	414	$325,516,493	$308,861,477	$634,377,970
Calaveras	156	$28,280,059	$30,182,822	$58,462,881
Colusa	60	$15,538,663	$15,248,890	$30,787,554
Contra Costa	155	$287,896,277	$297,975,522	$585,871,799
Del Norte	230	$195,876,455	$159,843,532	$355,719,987
El Dorado	272	$63,713,956	$63,581,986	$127,295,942
Fresno	674	$950,677,134	$950,047,679	$1,900,724,813
Glenn	66	$35,860,508	$42,867,646	$78,728,154
Humboldt	660	$220,310,644	$200,125,960	$420,436,604
Imperial	351	$200,455,139	$186,600,547	$387,055,686
Inyo	156	$111,373,776	$85,628,553	$197,002,329
Kern	784	$727,122,363	$657,614,038	$1,384,736,401
Kings	484	$338,631,469	$175,137,775	$513,769,244
Lake	132	$42,215,275	$28,002,108	$70,217,382

Risk Analysis Results – No Hazard– State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	357	$207,018,471	$126,814,037	$333,832,508
Los Angeles	1,771	$4,263,535,908	$4,615,198,959	$8,878,734,866
Madera	228	$136,906,712	$134,535,121	$271,441,833
Marin	578	$159,574,865	$131,158,410	$290,733,275
Mariposa	87	$34,060,564	$35,607,959	$69,668,523
Mendocino	694	$95,496,206	$95,450,023	$190,946,229
Merced	148	$67,593,581	$56,064,890	$123,658,470
Modoc	68	$21,042,385	$12,686,907	$33,729,292
Mono	262	$21,262,874	$15,505,074	$36,767,947
Monterey	864	$454,880,012	$268,283,326	$723,163,338
Napa	368	$176,482,124	$175,398,580	$351,880,705
Nevada	322	$60,693,653	$62,498,786	$123,192,438
Orange	957	$1,177,904,320	$1,153,437,380	$2,331,341,700
Placer	250	$127,265,657	$151,967,349	$279,233,006
Plumas	84	$15,511,519	$14,479,485	$29,991,004
Riverside	1,352	$629,212,397	$566,774,414	$1,195,986,811
Sacramento	1,175	$6,195,959,546	$6,196,023,345	$12,391,982,891
San Benito	155	$71,758,475	$70,860,010	$142,618,486
San Bernardino	838	$996,062,812	$735,631,899	$1,731,694,711
San Diego	1,750	$1,520,235,947	$1,436,095,194	$2,956,331,141
San Francisco	203	$1,033,683,834	$964,841,329	$1,998,525,163
San Joaquin	439	$318,553,698	$321,387,053	$639,940,751
San Luis Obispo	708	$552,611,609	$542,315,634	$1,094,927,243
San Mateo	191	$388,496,006	$413,428,908	$801,924,914
Santa Barbara	583	$291,711,391	$206,227,510	$497,938,900
Santa Clara	344	$1,169,149,350	$890,887,491	$2,060,036,842
Santa Cruz	886	$854,567,293	$493,057,167	$1,347,624,460
Shasta	356	$156,056,499	$190,348,008	$346,404,508
Sierra	17	$2,500,202	$2,002,901	$4,503,104

Risk Analysis Results – No Hazard– State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	255	$31,359,336	$31,233,440	$62,592,776
Solano	353	$424,395,177	$326,708,127	$751,103,304
Sonoma	655	$457,319,809	$442,731,110	$900,050,918
Stanislaus	166	$150,337,113	$134,627,386	$284,964,498
Sutter	54	$24,433,507	$27,225,111	$51,658,618
Tehama	171	$32,210,616	$33,411,344	$65,621,960
Trinity	50	$30,428,791	$37,675,867	$68,104,659
Tulare	395	$281,737,583	$325,436,126	$607,173,709
Tuolumne	400	$44,510,319	$45,153,887	$89,664,207
Ventura	325	$407,630,105	$460,425,063	$868,055,168
Yolo	1,290	$386,150,066	$410,697,125	$796,847,191
Yuba	62	$25,307,349	$25,844,865	$51,152,214
Total	25,854	$28,379,854,473	$27,000,922,722	$55,380,777,194

Risk Analysis Results – No Hazard – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	3,896	42,442,942	$3,419,731,320	$2,254,012,157	$5,673,743,477
Development Center	247	2,320,939	$305,783,571	$390,885,847	$696,669,418
Hospital	525	6,470,903	$382,822,433	$454,638,764	$837,461,197
Migrant Center	25	1,588,233	$655,289,706	$341,691,270	$996,980,976
Special School	137	959,233	$64,705,505	$63,904,858	$128,610,363
Other Facility	19,131	188,844,446	$14,334,593,292	$14,057,592,693	$28,392,185,985
Total	23,961	242,626,696	$19,162,925,827	$17,562,725,589	$36,725,651,416

Risk Analysis Results – No Hazard – State Highways by County

County	Miles of Highway
Alameda	391.5
Alpine	165.4
Amador	250.9
Butte	362.7
Calaveras	299.5
Colusa	229.2
Contra Costa	223.0
Del Norte	182.5
El Dorado	343.7
Fresno	1,035.0
Glenn	220.8
Humboldt	670.7
Imperial	819.2
Inyo	845.0
Kern	1,719.5
Kings	313.9
Lake	271.6
Lassen	605.9
Los Angeles	1,699.6
Madera	261.7
Marin	179.6
Mariposa	233.5
Mendocino	769.0
Merced	513.3
Modoc	355.3
Mono	627.9
Monterey	575.3
Napa	221.2
Nevada	258.3
Orange	552.4

Risk Analysis Results – No Hazard – State Highways by County

County	Miles of Highway
Placer	305.3
Plumas	362.0
Riverside	1,259.8
Sacramento	423.7
San Benito	180.2
San Bernardino	2,388.6
San Diego	1,268.5
San Francisco	67.4
San Joaquin	526.2
San Luis Obispo	713.4
San Mateo	426.5
Santa Barbara	589.2
Santa Clara	502.8
Santa Cruz	245.0
Shasta	620.8
Sierra	194.9
Siskiyou	698.5
Solano	318.8
Sonoma	470.8
Stanislaus	360.6
Sutter	166.1
Tehama	411.6
Trinity	400.5
Tulare	701.6
Tuolumne	303.1
Ventura	526.0
Yolo	339.1
Yuba	129.8
Total	30,098.0

Risk Analysis Results – No Hazard – State Water Project by Branch

County	Number of State-Owned Dams
California Aqueduct	298.6
Coastal Branch	130.4
East Branch	139.1
East Branch Extension	43.3
North Bay Aqueduct	27.8
Oroville	3.7
South Bay Aqueduct	51.9
West Branch	19.7
Total	714.5

Appendix H. Hazard Impact Rating



H HAZARD IMPACT RATING

A hazard impact rating was performed for the hazards of concern described in this Plan following the fundamental definition of risk:

Probability x Impact = Risk

This impact rating assesses such factors as:

- **Probability** – The probability of each hazard's occurrence
- **Impact on Assets** – The likely impact on the state-owned and leased assets which are critical lifelines to the state's capability to respond and recover from hazard events
- **Impact on People** – The population exposed (both total population and the population of equity priority communities)
- **Future Impacts** – The potential for the expansion of risk due to buildable lands and future impacts from the hazard due to climate change.

This impact rating was conducted using a combination of quantitative and qualitative data on each hazard for these selected metrics. Metrics are the quantifiable measures that is used to compare and assess the identified impacts of each hazard. The impacts to each hazard were rated as high, medium, or low based on parameters established by the SHMP planning team. These impacts are then multiplied by the probability factor to generate the hazard impact rating for each hazard. The quantitative analysis aspect of this exercise was limited to hazards with a clearly defined extent and location. For other hazards, a more qualitative approach was applied. For example, a hazard that does not have a clearly defined extent and location like air pollution, you cannot differentiate exposure based on a clear "in-or-out" assessment. In this case, rankings were assigned qualitatively based on assumptions on impacts the hazard might have on the metrics identified (state-owned/leased facilities, lifelines, population, etc.)

H.1 FREQUENCY OF OCCURRENCE

A significant factor in determining "risk" is how often and hazard event has happened or is likely to happen. This is referred to as the frequency of occurrence. Some hazards will have a rich history of past events to help establish the metrics for this factor, while other hazards that may not have a rich history, may have studies or analytics that

have established probabilities for occurrence (i.e., the 100-year floodplain or 100-year probabilistic earthquake). Time-frame values have been identified to set the metrics for A hazard's frequency of occurrence as shown in table I-1. The values assigned to each hazard were assigned based on historical occurrence data, or probabilistic data that may be available for a given hazard.

Table H-1. Probability of Occurrence

Probability	Occurrence	Probability Factor
High	Hazard event likely to occur within 25 years	3
Medium	Hazard event likely to occur within 100 years	2
Low	Hazard event is not likely to occur within 100 years	1
No exposure	There is no probability of occurrence	0

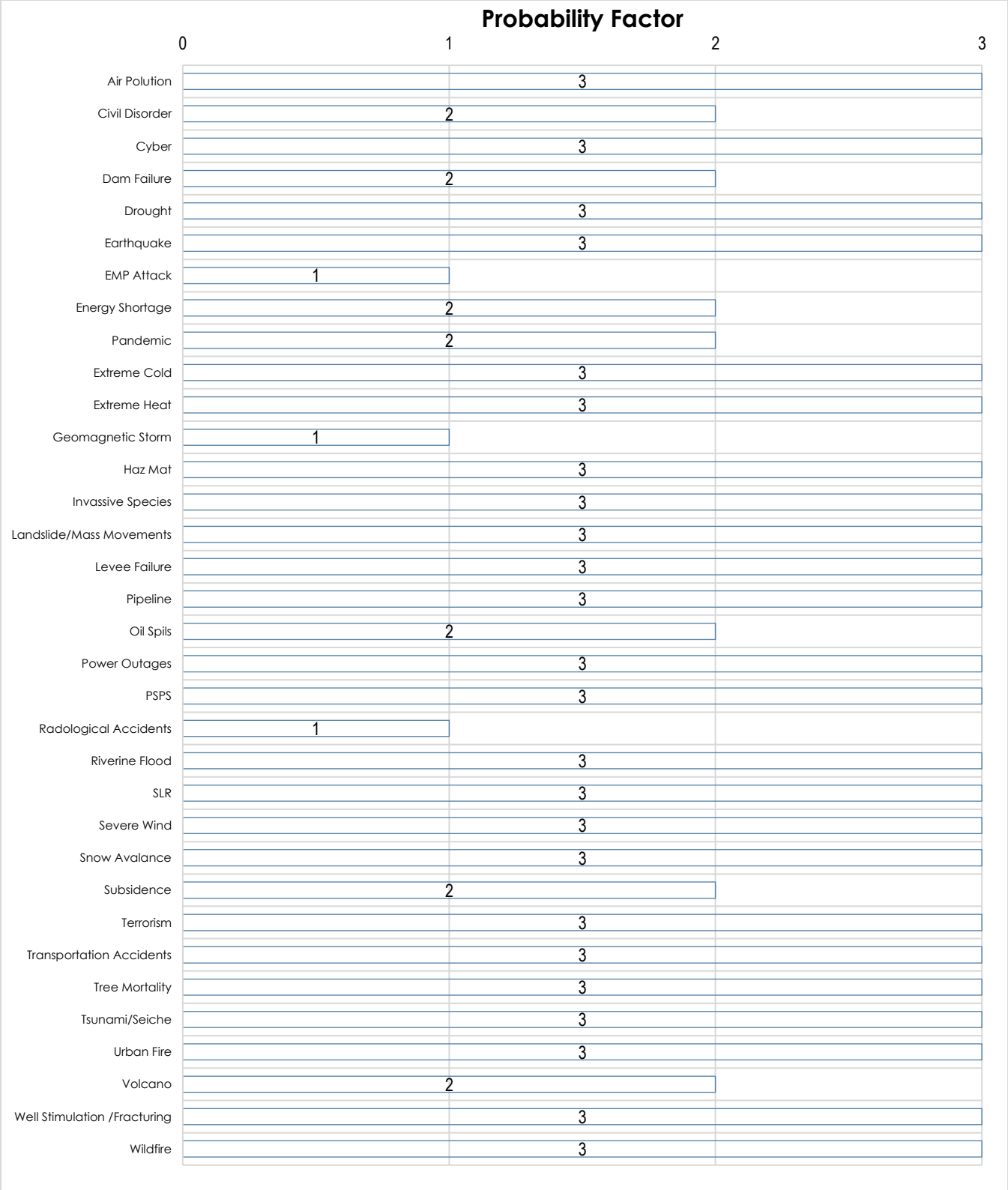


Figure H-1. Probability Factors for Hazards of Concern

H.2 IMPACT ON ASSETS

H.2.1 State-Owned and Leased Assets

Values were assigned based on the percentage of the total replacement cost value (RCV) for State-owned and -leased assets exposed to the hazard. The basis for this value is a spatial evaluation of the RCV of assets exposed to each hazard compared to the total RCV of all assets. For example, if there are 50 state-owned/leased facilities located with the 100-year floodplain that have an aggregate RCV of $50 million, and that $50 million represents 17% of the aggregate RCV for all state-owned/leased facilities, the metric assigned for the impact flood on state-owned/leased facilities would be "medium". This assessment makes no determination of the importance of each asset. All assets have been weighted equally. Impact factors were assigned as shown in Table H-2. Hazard impacts are shown in Figure H-2.

Table H-2. Impact Factors for State-Owned/Leased Assets

Impact	Percentage	Impact Factor
High	≥30% of the total RCV for state owned and leased facilities exposed to a hazard	3
Medium	15 – 29% of total RCV for state-owned and leased facilities exposed to hazard	2
Low	≤14% of the total RCV for state-owned and leased facilities exposed to a hazard	1
No Impact	Hazard is not likely to impact state-owned and leased facilities	0

H.2.2 Lifelines

Values were assigned based on raw count of identified lifelines exposed to the hazard. The basis for this value is a spatial evaluation of the location of lifelines relative to the extent and location of the hazard. For example, if there are 100 lifelines located with the severe wildfire severity zones that have an aggregate RCV of $20 million, and that $20 million represents 8% of the aggregate RCV for all lifelines in the state, the metric assigned for the impact of wildfire on lifelines would be "low". This assessment makes no determination of the importance of each category of lifeline. All lifelines have been weighted equally. Impact factors were assigned as shown in Table H-3. Hazard impacts are shown in Figure H-3.

Table H-3. Impact Factor for Lifelines

Impact	Percentage	Impact Factor
High	≥30% or more of total Lifelines exposed to a hazard	3
Medium	15 – 29% of total Lifelines exposed to hazard	2
Low	≤14% of the total Lifelines exposed to a hazard	1
No Impact	None of the Lifelines are exposed to a hazard	0

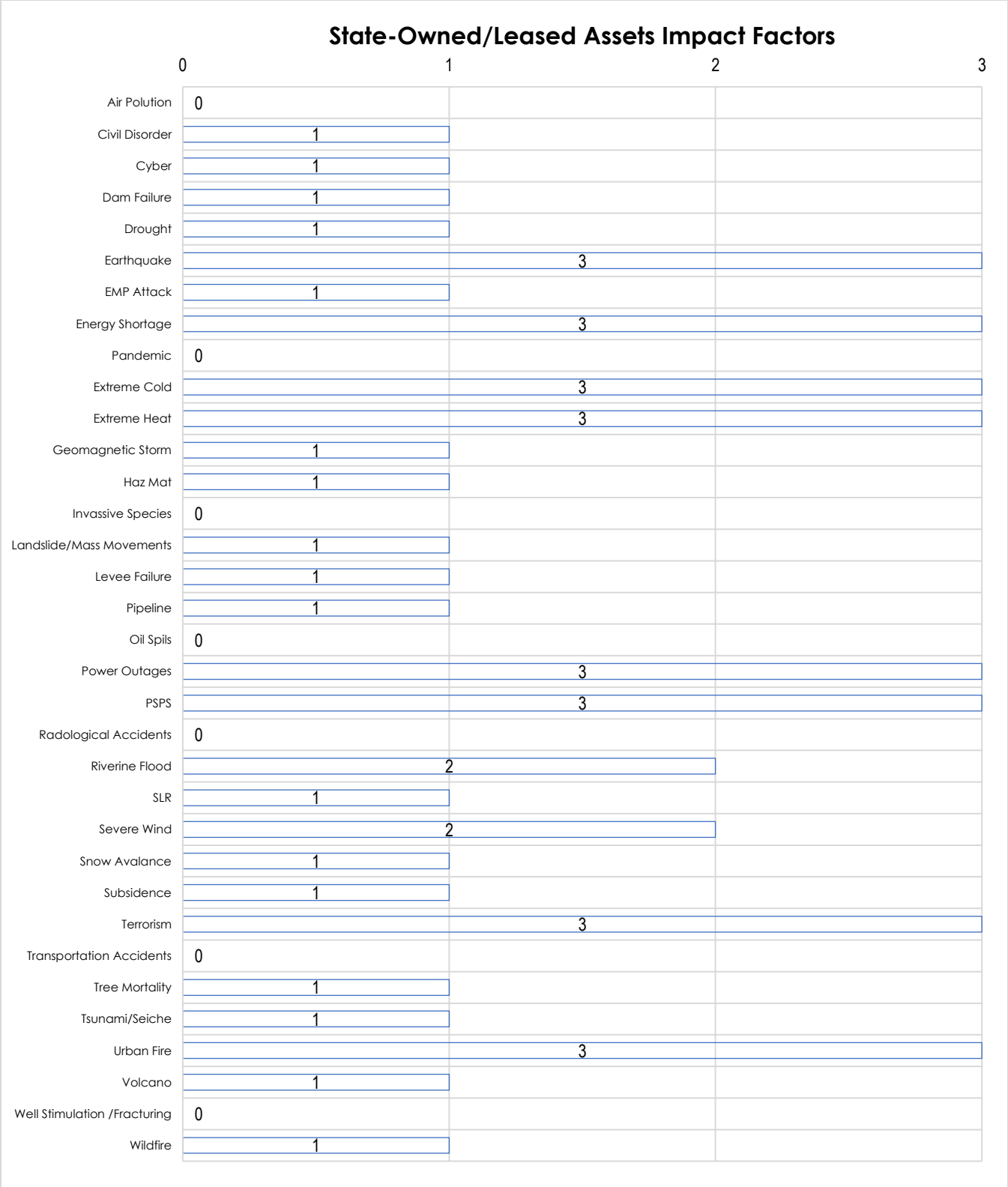


Figure H-2. State-Owned/Leased Assets Factors for Hazards of Concern

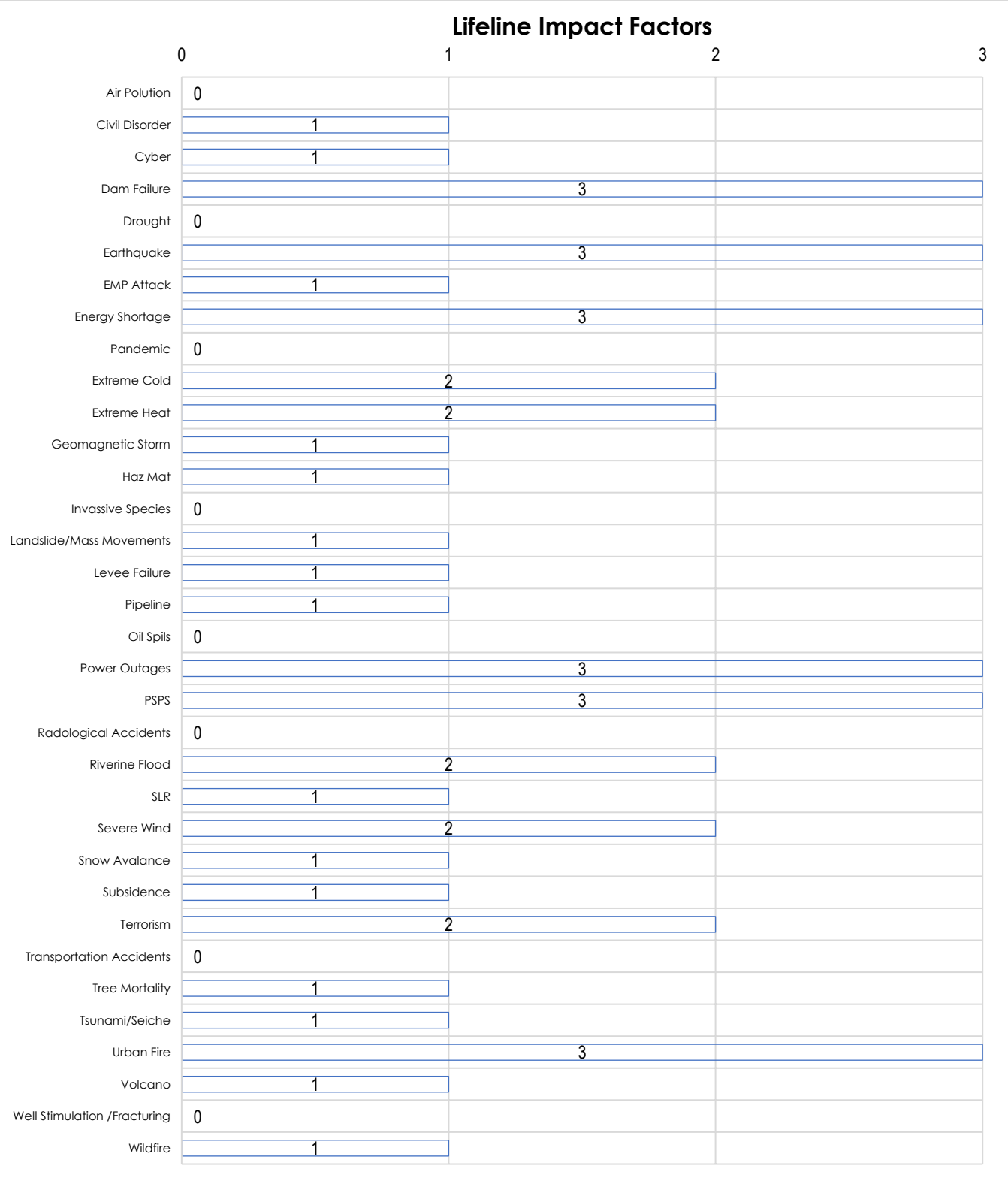


Figure H-3. Lifeline Factors for Hazards of Concern

H.3 IMPACT ON PEOPLE

H.3.1 Total Population

Values were assigned based on the percentage of the total population exposed to the hazard event in comparison to the entire population of the state. For those hazards that have a clearly defined extent and location (i.e., flood, dam failure, etc.), the population exposed is that population within the identified zone. The degree of impact on individuals will vary and is not accurately measurable. For simplicity and consistency, the calculation assumes that all people, because they live in a hazard zone, will be exposed to the hazard and will be equally impacted when a hazard event occurs. Impact factors were assigned as shown in Table H-4. Hazard impacts are shown in Figure H-4.

Table H-4. Impact Factor for Total Population

Impact	Percentage	Impact Factor
High	≥50% or more of the population is exposed to a hazard	3
Medium	25 - 49% of the population is exposed to hazard	2
Low	≤25% of the population is exposed to a hazard	1
No Impact	None of the population is exposed to a hazard	0

H.3.2 Equity Priority Population

Values were assigned based on the percentage of the population that has been identified as an equity priority population exposed to the hazard event. For those hazards that have a clearly defined extent and location (i.e., flood, dam failure, etc.), the population exposed is that population within the identified zone. The degree of impact on individuals will vary and is not accurately measurable. For simplicity and consistency, the calculation assumes that all people in the equity priority population, because they live in a defined hazard zone, will be exposed to the hazard and will be equally impacted when a hazard event occurs. Impact factors were assigned as shown in Table H-5. Hazard impacts are shown in Figure H-5.

Table H-5. Impact Factor for Equity Priority Population

Impact	Percentage	Impact Factor
High	≥30% or more of the population is exposed to a hazard	3
Medium	15 - 29% of the population is exposed to hazard	2
Low	≤14% of the population is exposed to a hazard	1
No Impact	None of the population is exposed to a hazard	0

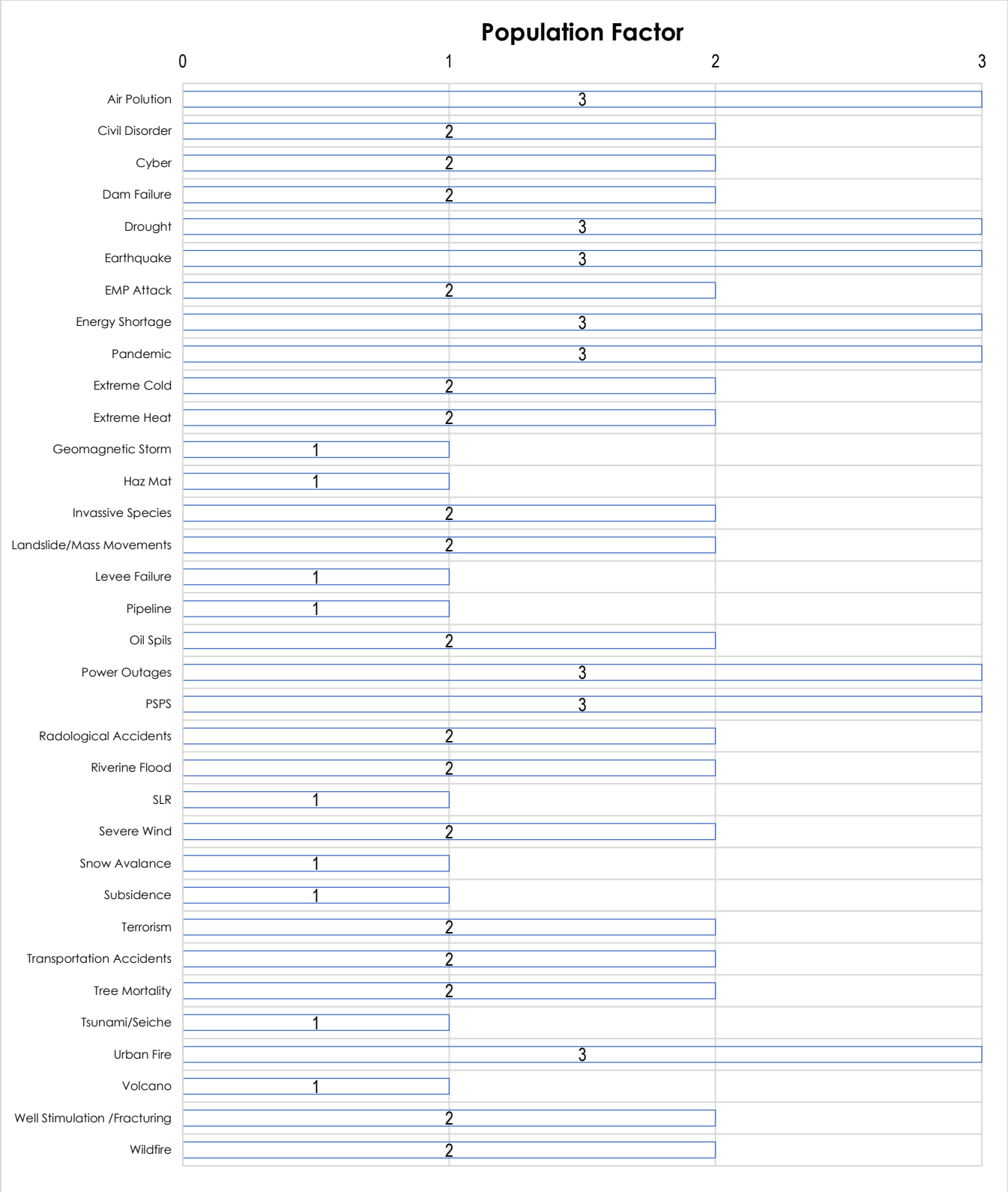


Figure H-4. Population Factors for Hazards of Concern

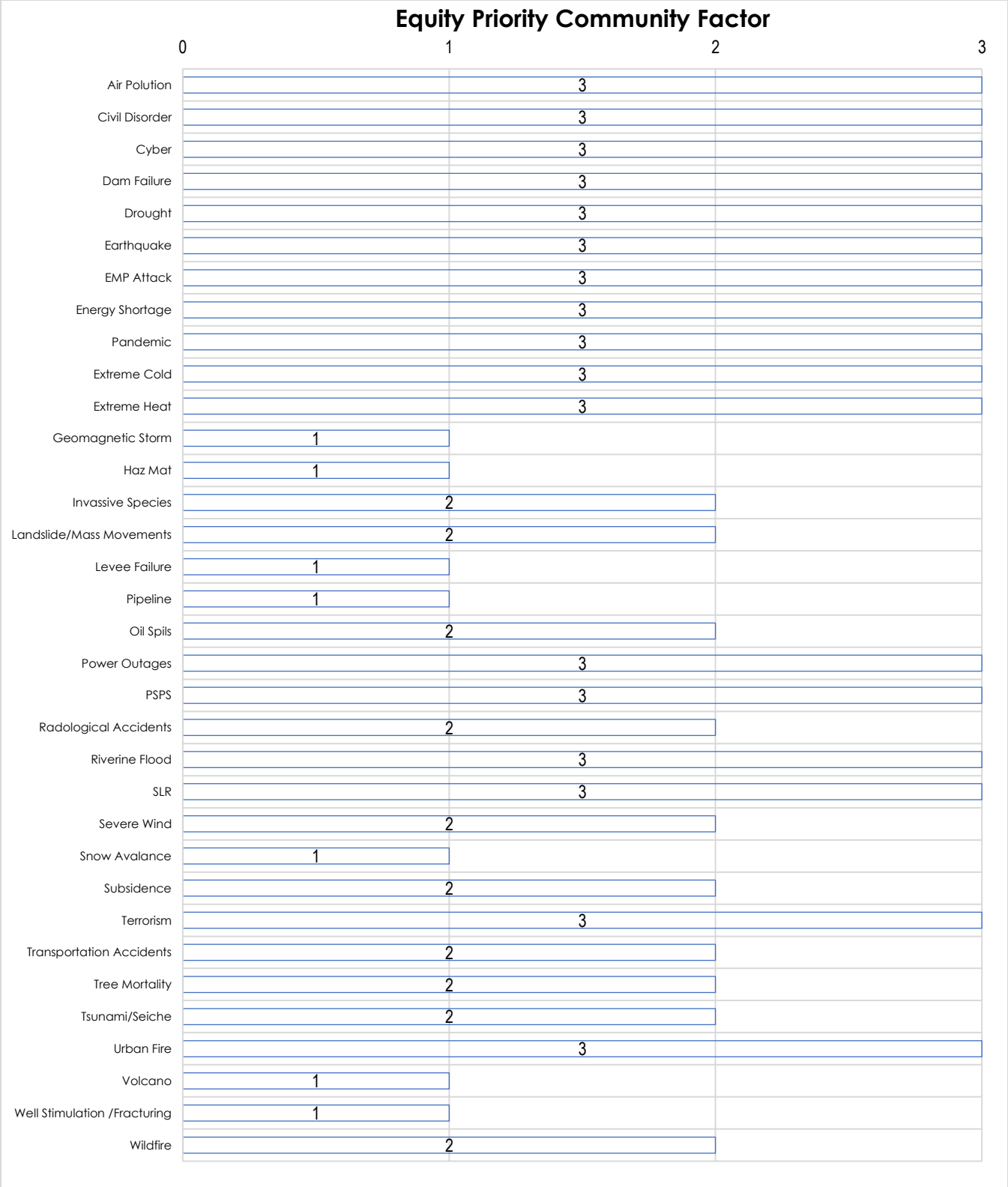


Figure H-5. Equity Priority Community Factors for Hazards of Concern

H.4 FUTURE IMPACTS

H.4.1 Buildable Lands

This category considers how the risk from the hazard could potentially increase because of future development. Values were assigned based on the percentage of the buildable lands within the hazard area compared to the total area of buildable lands within the state. For this SHMP planning effort and "buildable land" is any parcel that is currently undeveloped that could be developed in the future due to current land use regulations that apply to the parcel. This could be residential, commercial, or industrial zoning. Calculations were based on a spatial analysis of the intersection between lands identified as "buildable" and the extent and location of the hazard. Impact factors were assigned as shown in Table H-6. Hazard impacts are shown in Figure H-6.

Table H-6. Impact Factor for Buildable Lands

No Impact	None of the buildable land is exposed to a hazard	0

H.5 CLIMATE CHANGE

Using current data and projected models, the analysis for this category was based on the anticipated impacts that the changing climate will have on increasing the frequency, severity, and extent of each hazard assessed. Impact factors were assigned as shown in Table H-7. Hazard impacts are shown in Figure H-7.

Table H-7. Impact Factor for Climate Change

Impact	Percentage	Impact Factor
High	Measurable impacts to frequency, severity and extent of the hazard are likely to increase measurably within the next 30 years	3
Medium	Measurable impacts to frequency, severity and extent of the hazard are likely to increase measurably in greater than 50 years	2
Low	Measurable impacts to frequency, severity and extent of the hazard are likely to increase in greater than 50 years.	1
None	Climate change is not anticipated to have any impact on the hazard	0

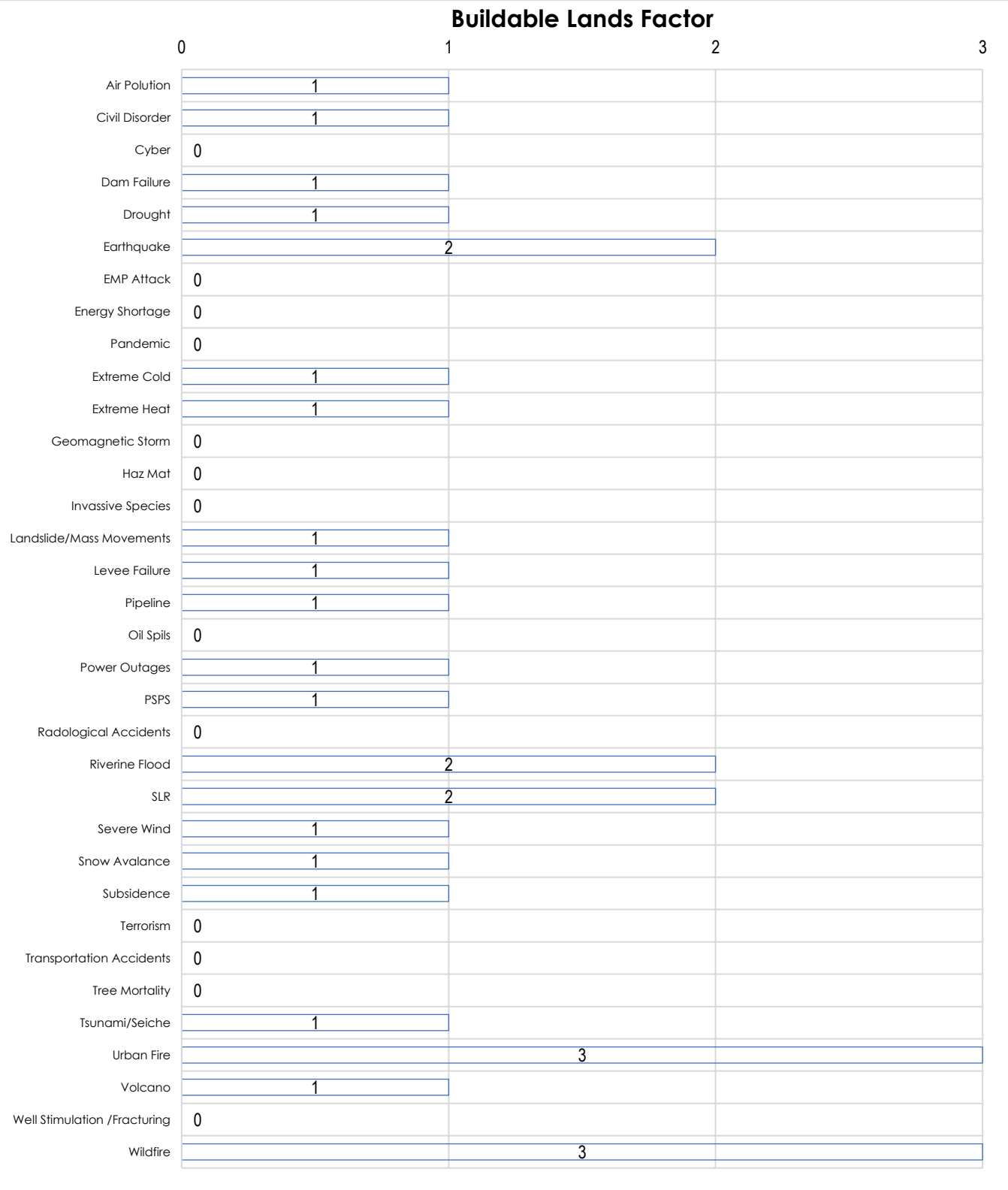


Figure H-6. Buildable Land Factors for Hazards of Concern

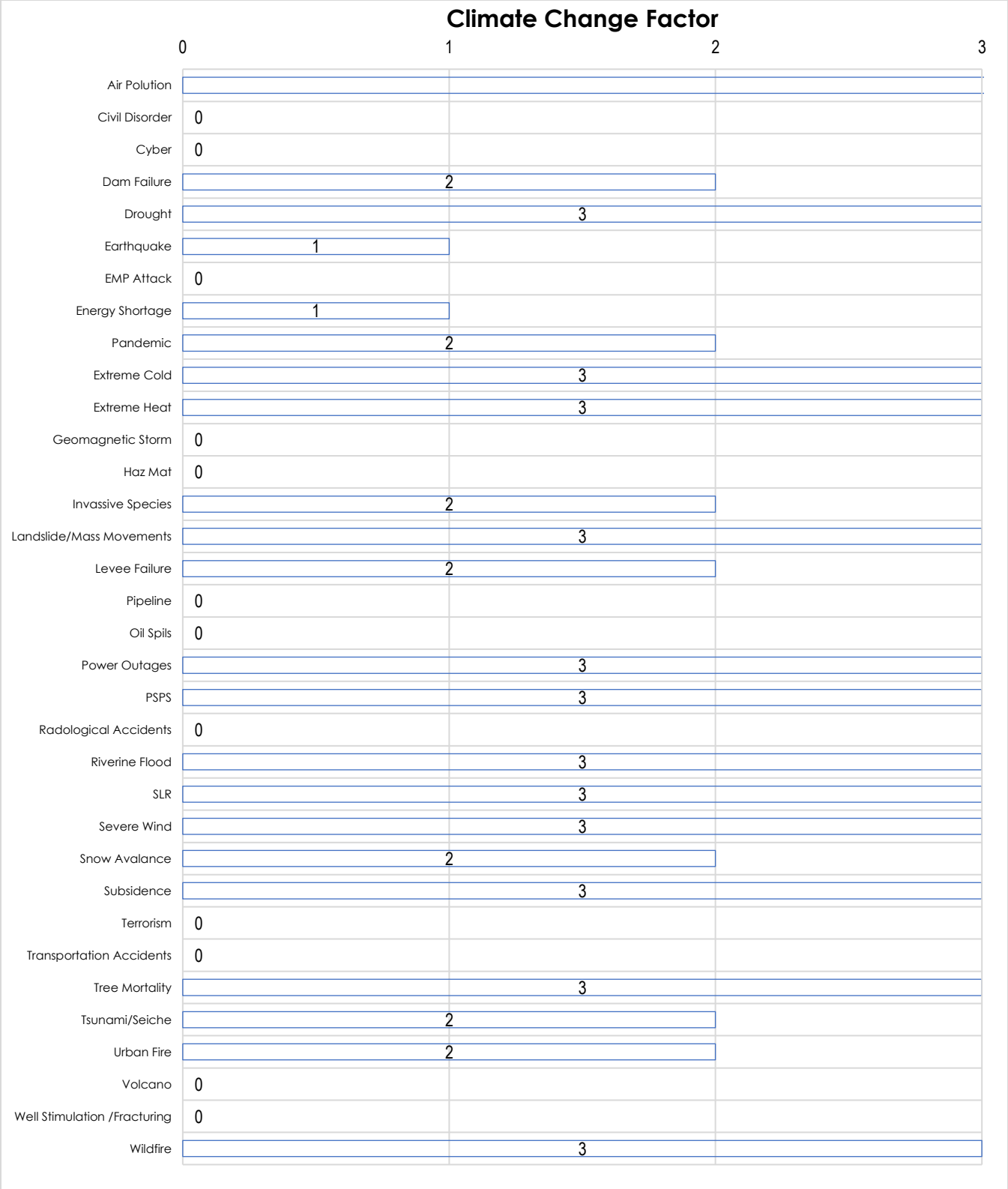


Figure H-7. Climate Change Factors for Hazards of Concern

H.6 HAZARD IMPACT RATING

As noted in Chapter 4, section 4.1.3 of the base SHMP, the State has segregated the risk assessment into 2 categories: natural hazards of interest and other hazards of interest. The primary driver for the decision to separate these hazards is to clearly establish for the local planning efforts in the state which hazards should be considered the baseline hazards and which hazards could be considered as optional. As stated in chapter 4, none of these hazards are considered to be binding on the local planning efforts within the state. Each local planning effort should determine the hazards of concern to be addressed for their plans through a planning process. The role of the SHMP is to provide guidance and alternatives to support these planning processes.

H.6.1 Hazard Impact Rating for Natural Hazards of Interest

The hazard impact rating for each natural hazard of interest was determined by multiplying the probability factor by the sum of the impact factors for state-owned/leased facilities, lifelines, total population, equity priority community population, buildable lands and climate change as summarized in Figure H-8.

The hazards that ranked as being of **highest** concern are listed below and color coded in red:

- Earthquake
- Riverine Flood
- Extreme Heat
- Extreme Cold
- Wildfire
- Severe Wind, Weather and Storms
- Sea-Level Rise, Coastal Flood and Erosion
- Riverine flood
- Landslide, Debris Flow & Other Mass Movements

The hazards that ranked as being of **medium** concern are listed below and color-coded in yellow:

- Drought
- Tsunami/Seiche
- Dam Failure
- Levee Failure
- Snow Avalanche
- Subsidence
- Levee failure
- Pipeline

The hazards that ranked as being of **lowest** concern are listed below and color-coded in green:

- Volcano

Figure H-8 lists the hazards by category – high, medium, or low.

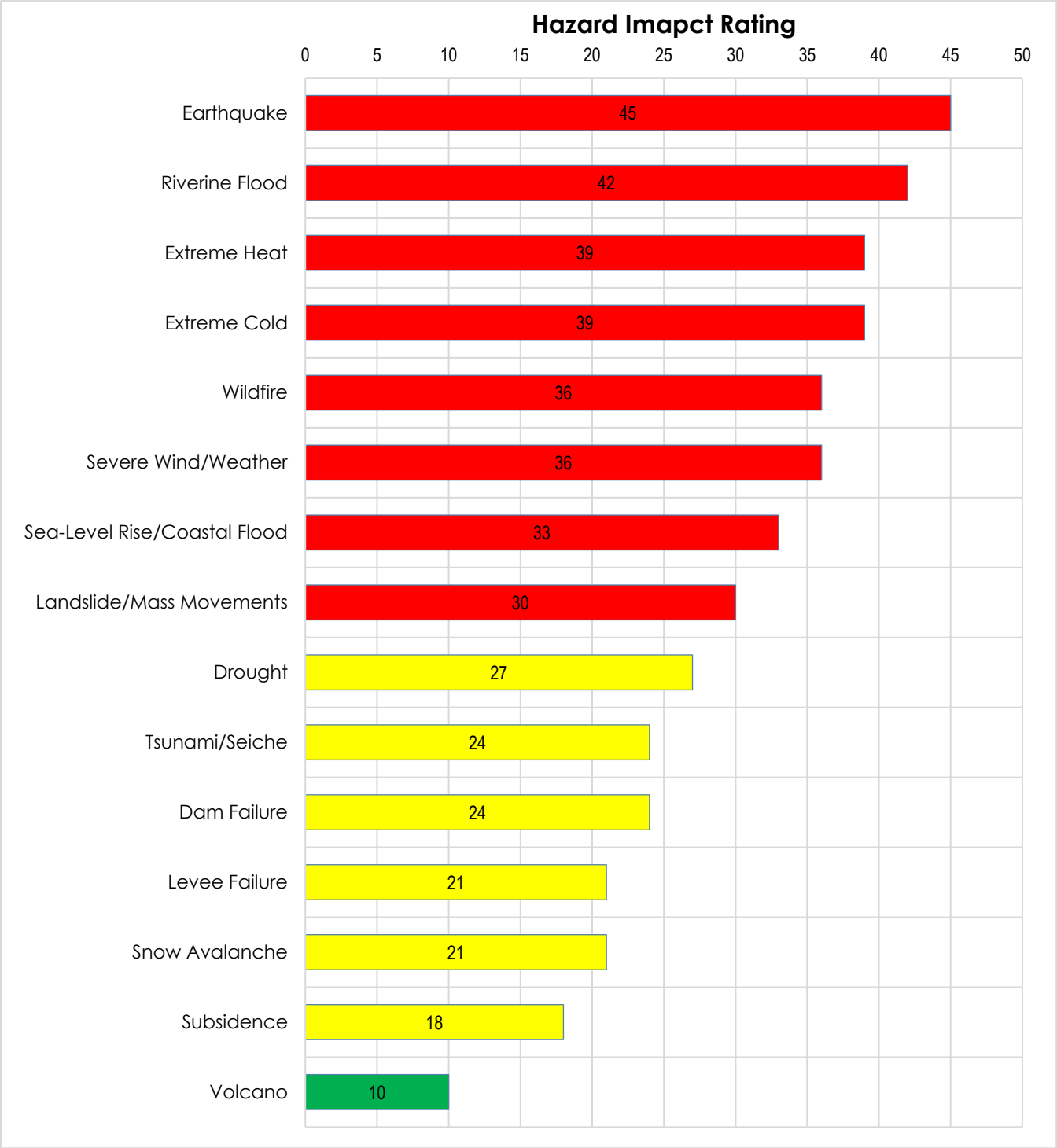


Figure H-8. Total Hazard Impact Rating for Natural Hazards of Concern

H.7 HAZARD IMPACT RATING FOR OTHER HAZARDS OF INTEREST

The hazard impact rating for each other hazard of interest was determined by multiplying the probability factor by the sum of the impact factors for state-owned/leased facilities, lifelines, total population, equity priority community population, buildable lands and climate change as summarized in Figure I 8.

The hazards that ranked as being of **highest** concern are listed below and color coded in red:

- Urban Fire
- Other Electrical Outages
- Public Safety Power Shutoff
- Terrorism
- Air Pollution

The hazards that ranked as being of **medium** concern are listed below and color-coded in yellow:

- Energy Shortage
- Cyber Threats
- Tree Mortality
- Invasive Species
- Epidemic/Pandemic/Vector Borne Disease
- Civil Disorder
- Natural Gas Pipeline

The hazards that ranked as being of **lowest** concern are listed below and color-coded in green:

- Hazardous Materials
- Transportation Accidents
- Well Stimulation/Fracturing
- Oil Spills
- EMP's
- Radiological
- Geomagnetic Storms

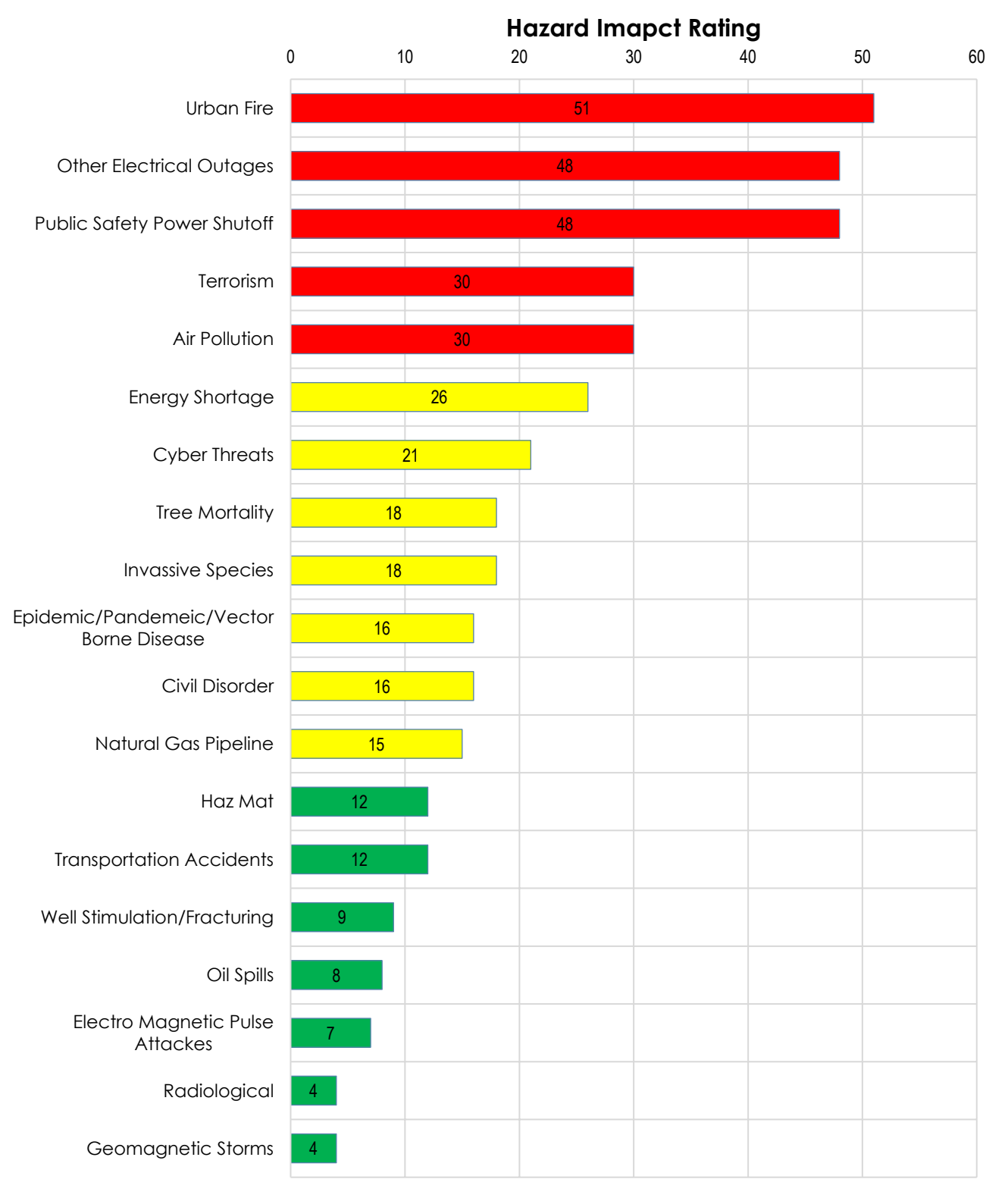


Figure H-9. Total Hazard Impact Rating for Other Hazards of Interest

Appendix I. Risk Analysis Results



Inventory of Existing Facilities

Risk Analysis Results – No Hazard – Buildable Lands by County

County	Total Acres of Buildable Lands
Alameda	83,922
Alpine	50,861
Amador	97,686
Butte	88,320
Calaveras	124,320
Colusa	39,975
Contra Costa	28,731
Del Norte	10,802
El Dorado	184,442
Fresno	51,792
Glenn	2,085
Humboldt	78,482
Imperial	710,020
Inyo	246,441
Kern	1,014,386
Kings	8,907
Lake	82,544
Lassen	180,689
Los Angeles	911,564
Madera	41,190
Marin	24,696
Mariposa	228,533
Mendocino	855,474
Merced	12,030
Modoc	2,853
Mono	130,547
Monterey	92,667
Napa	169,772
Nevada	146,358
Orange	151,777

Risk Analysis Results – No Hazard – Buildable Lands by County

County	Total Acres of Buildable Lands
Placer	122,653
Plumas	60,257
Riverside	1,065,179
Sacramento	75,501
San Benito	8,877
San Bernardino	1,734,287
San Diego	522,630
San Francisco	4,245
San Joaquin	28,214
San Luis Obispo	733,458
San Mateo	32,801
Santa Barbara	28,657
Santa Clara	43,054
Santa Cruz	40,770
Shasta	381,315
Sierra	35,361
Siskiyou	508,754
Solano	55,831
Sonoma	57,738
Stanislaus	14,179
Sutter	2,369
Tehama	84,053
Trinity	116,464
Tulare	6,847
Tuolumne	70,255
Ventura	31,804
Yolo	40,856
Yuba	30,685
Total	11,788,962

Risk Analysis Results – No Hazard – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	6	18	2	2	3	11	42
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	4	0	1	0	0	0	5
Calaveras	0	0	1	0	0	0	0	1
Colusa	0	3	0	4	0	0	0	7
Contra Costa	0	15	7	5	3	1	5	36
Del Norte	0	0	0	0	0	1	0	1
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	7	17	5	1	2	0	32
Glenn	0	0	0	1	0	0	0	1
Humboldt	0	1	0	0	0	1	1	3
Imperial	0	5	7	1	0	0	3	16
Inyo	0	1	5	0	0	0	0	6
Kern	0	14	12	3	0	1	2	32
Kings	0	1	8	0	0	0	0	9
Lake	0	1	0	0	0	0	0	1
Lassen	0	0	0	0	0	0	0	0
Los Angeles	13	43	36	12	10	5	39	158
Madera	0	1	0	0	0	0	0	1
Marin	0	0	0	0	1	0	2	3
Mariposa	0	0	0	0	0	0	0	0
Mendocino	1	0	0	0	0	0	0	1
Merced	0	3	6	0	0	0	0	9
Modoc	0	1	0	0	0	0	0	1
Mono	0	0	3	0	0	0	0	3
Monterey	0	2	2	0	0	1	0	5
Napa	0	0	0	0	1	0	0	1
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – No Hazard – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	4	11	2	4	3	3	27
Placer	0	0	1	1	0	1	1	4
Plumas	0	0	0	0	0	0	0	0
Riverside	3	10	17	4	1	1	1	37
Sacramento	5	7	4	2	3	6	3	30
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	16	18	1	3	2	6	46
San Diego	3	8	24	0	9	3	26	73
San Francisco	2	0	3	0	3	1	10	19
San Joaquin	1	2	9	3	0	1	4	20
San Luis Obispo	4	4	4	0	1	2	0	15
San Mateo	0	1	8	0	2	1	4	16
Santa Barbara	0	1	1	1	0	1	0	4
Santa Clara	10	3	4	0	2	2	3	24
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	5	0	0	0	1	2	8
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	1	0	0	0	0	0	1
Solano	0	3	8	1	0	2	2	16
Sonoma	0	0	0	0	0	1	0	1
Stanislaus	0	0	5	4	0	1	0	10
Sutter	0	1	1	1	0	0	0	3
Tehama	0	1	1	0	0	0	0	2
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	3	0	1	1	0	5
Tuolumne	0	0	7	0	0	0	0	7
Ventura	0	1	4	0	0	1	1	7
Yolo	0	0	2	2	0	0	2	6

Risk Analysis Results – No Hazard – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	42	176	257	56	47	46	131	755

Risk Analysis Results – No Hazard – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	$2.2 Billion to Greater Than $4.0 Billion	$5.9 Billion to Greater Than $10.2 Billion	$200.0 Million to $1.0 Billion	$1.1 Billion to Greater Than $1.5 Billion	$1.0 Billion to $2.1 Billion	$3.3 Billion to Greater Than $5.9 Billion
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	$2.1 Billion to Greater Than $2.6 Billion	-	$100.0 Million to $500.0 Million	-	-	-
Calaveras	-	-	$100.0 Million to $500.0 Million	-	-	-	-
Colusa	-	$300.0 Million to $1.5 Billion	-	$220.0 Million to $1.2 Billion	-	-	-
Contra Costa	-	$6.3 Billion to Greater Than $10.1 Billion	$520.0 Million to $2.7 Billion	$1.3 Billion to Greater Than $2.6 Billion	$3.0 Billion to Greater Than $3.0 Billion	$0 to $10.0 Million	$1.6 Billion to Greater Than $2.7 Billion
Del Norte	-	-	-	-	-	$10.0 Million to $100.0 Million	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	$4.2 Billion to Greater Than $6.0 Billion	$1.7 Billion to $7.3 Billion	$320.0 Million to $1.7 Billion	$1.0 Billion to Greater Than $1.0 Billion	$10.0 Million to $110.0 Million	-
Glenn	-	-	-	$10.0 Million to $100.0 Million	-	-	-

Risk Analysis Results – No Hazard – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Humboldt	-	$10.0 Million to $100.0 Million	-	-	-	$0 to $10.0 Million	$100.0 Million to $500.0 Million
Imperial	-	$2.2 Billion to Greater Than $3.1 Billion	$1.2 Billion to Greater Than $2.2 Billion	$10.0 Million to $100.0 Million	-	-	$1.1 Billion to $2.5 Billion
Inyo	-	$100.0 Million to $500.0 Million	$2.1 Billion to Greater Than $3.5 Billion	-	-	-	-
Kern	-	$7.6 Billion to Greater Than $11.0 Billion	$780.0 Million to $2.8 Billion	$210.0 Million to $1.1 Billion	-	$0 to $10.0 Million	$20.0 Million to $200.0 Million
Kings	-	$100.0 Million to $500.0 Million	$1.2 Billion to $3.4 Billion	-	-	-	-
Lake	-	$10.0 Million to $100.0 Million	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	$3.0 Billion to Greater Than $6.9 Billion	$22.0 Billion to Greater Than $33.7 Billion	$7.0 Billion to Greater Than $17.2 Billion	$750.0 Million to $4.0 Billion	$8.1 Billion to Greater Than $8.6 Billion	$230.0 Million to $1.3 Billion	$7.8 Billion to Greater Than $18.8 Billion
Madera	-	$100.0 Million to $500.0 Million	-	-	-	-	-

Risk Analysis Results – No Hazard – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Marin	-	-	-	-	$10.0 Million to $100.0 Million	-	$1.0 Billion to Greater Than $1.1 Billion
Mariposa	-	-	-	-	-	-	-
Mendocino	$100.0 Million to $500.0 Million	-	-	-	-	-	-
Merced	-	$1.1 Billion to Greater Than $1.6 Billion	$820.0 Million to $2.7 Billion	-	-	-	-
Modoc	-	$100.0 Million to $500.0 Million	-	-	-	-	-
Mono	-	-	$1.5 Billion to Greater Than $2.1 Billion	-	-	-	-
Monterey	-	$1.1 Billion to Greater Than $1.5 Billion	$600.0 Million to $1.5 Billion	-	-	$10.0 Million to $100.0 Million	-
Napa	-	-	-	-	$500.0 Million to $1.0 Billion	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	$310.0 Million to $1.6 Billion	$3.4 Billion to Greater Than $6.3 Billion	$200.0 Million to $1.0 Billion	$1.0 Billion to Greater Than $1.2 Billion	$20.0 Million to $210.0 Million	$210.0 Million to $1.1 Billion
Placer	-	-	$1.0 Billion to Greater Than $1.0 Billion	$10.0 Million to $100.0 Million	-	$100.0 Million to $500.0 Million	$10.0 Million to $100.0 Million
Plumas	-	-	-	-	-	-	-
Riverside	$300.0 Million to $1.5 Billion	$5.4 Billion to Greater	$1.5 Billion to Greater Than $4.1 Billion	$220.0 Million to $1.2 Billion	$10.0 Million to $100.0 Million	$10.0 Million to $100.0 Million	$10.0 Million to $100.0 Million

Risk Analysis Results – No Hazard – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
		Than $8.0 Billion					
Sacramento	$1.1 Billion to Greater Than $1.8 Billion	$430.0 Million to $2.3 Billion	$710.0 Million to $2.1 Billion	$110.0 Million to $600.0 Million	$1.0 Billion to Greater Than $1.2 Billion	$230.0 Million to $1.3 Billion	$610.0 Million to $1.6 Billion
San Benito	-	-	-	-	-	-	-
San Bernardino	-	$6.0 Billion to Greater Than $11.0 Billion	$4.3 Billion to Greater Than $7.1 Billion	$10.0 Million to $100.0 Million	$2.0 Billion to Greater Than $2.0 Billion	$100.0 Million to $510.0 Million	$240.0 Million to $1.4 Billion
San Diego	$1.1 Billion to Greater Than $1.6 Billion	$1.5 Billion to Greater Than $3.7 Billion	$1.8 Billion to $6.8 Billion	-	$8.1 Billion to Greater Than $8.5 Billion	$30.0 Million to $300.0 Million	$7.6 Billion to Greater Than $16.9 Billion
San Francisco	$600.0 Million to $1.5 Billion	-	$520.0 Million to $1.2 Billion	-	$2.0 Billion to Greater Than $2.1 Billion	$10.0 Million to $100.0 Million	$6.8 Billion to Greater Than $8.5 Billion
San Joaquin	$100.0 Million to $500.0 Million	$1.5 Billion to Greater Than $2.0 Billion	$1.6 Billion to $3.9 Billion	$300.0 Million to $1.5 Billion	-	$100.0 Million to $500.0 Million	$1.0 Billion to Greater Than $1.3 Billion
San Luis Obispo	$1.6 Billion to $3.5 Billion	$3.1 Billion to Greater Than $3.5 Billion	$40.0 Million to $400.0 Million	-	$1.0 Billion to Greater Than $1.0 Billion	$110.0 Million to $600.0 Million	-
San Mateo	-	$10.0 Million to $100.0 Million	$1.8 Billion to Greater Than $3.8 Billion	-	$1.0 Billion to Greater Than $1.1 Billion	$100.0 Million to $500.0 Million	$2.2 Billion to Greater Than $3.0 Billion
Santa Barbara	-	$1.0 Billion to Greater	$10.0 Million to $100.0 Million	$100.0 Million to $500.0 Million	-	$100.0 Million to $500.0 Million	-

Risk Analysis Results – No Hazard – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
		Than $1.0 Billion					
Santa Clara	$1.2 Billion to $4.7 Billion	$210.0 Million to $1.1 Billion	$1.1 Billion to Greater Than $1.7 Billion	-	$2.0 Billion to Greater Than $2.0 Billion	$20.0 Million to $200.0 Million	$1.1 Billion to Greater Than $1.6 Billion
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	$1.4 Billion to Greater Than $3.0 Billion	-	-	-	$10.0 Million to $100.0 Million	$200.0 Million to $1.0 Billion
Sierra	-	-	-	-	-	-	-
Siskiyou	-	$10.0 Million to $100.0 Million	-	-	-	-	-
Solano	-	$2.1 Billion to Greater Than $2.5 Billion	$740.0 Million to $2.4 Billion	$10.0 Million to $100.0 Million	-	$10.0 Million to $110.0 Million	$1.1 Billion to Greater Than $1.5 Billion
Sonoma	-	-	-	-	-	$0 to $10.0 Million	-
Stanislaus	-	-	$1.6 Billion to Greater Than $2.7 Billion	$220.0 Million to $1.2 Billion	-	$10.0 Million to $100.0 Million	-
Sutter	-	$100.0 Million to $500.0 Million	$100.0 Million to $500.0 Million	$10.0 Million to $100.0 Million	-	-	-
Tehama	-	$100.0 Million to $500.0 Million	$100.0 Million to $500.0 Million	-	-	-	-
Trinity	-	-	-	-	-	-	-

Risk Analysis Results – No Hazard – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Tulare	-	-	$300.0 Million to $1.5 Billion	-	$1.0 Billion to Greater Than $1.0 Billion	$10.0 Million to $100.0 Million	-
Tuolumne	-	-	$3.3 Billion to Greater Than $5.5 Billion	-	-	-	-
Ventura	-	$100.0 Million to $500.0 Million	$40.0 Million to $400.0 Million	-	-	$10.0 Million to $100.0 Million	$1.0 Billion to Greater Than $1.0 Billion
Yolo	-	-	$1.1 Billion to Greater Than $1.5 Billion	$20.0 Million to $200.0 Million	-	-	$600.0 Million to $1.5 Billion
Yuba	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

Risk Analysis Results – No Hazard – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	294,179	1,682,361	17.5%
Alpine	1,204	1,204	100.0%
Amador	0	40,474	0.0%
Butte	38,659	211,632	18.3%
Calaveras	0	45,293	0.0%
Colusa	11,483	21,841	52.6%
Contra Costa	228,654	1,165,925	19.6%
Del Norte	11,064	27,743	39.9%
El Dorado	9,595	191,186	5.0%
Fresno	565,682	1,008,656	56.1%
Glenn	20,183	28,917	69.8%
Humboldt	13,174	136,466	9.7%
Imperial	147,701	179,700	0.0%
Inyo	3,080	19,016	16.2%
Kern	461,465	909,235	50.8%
Kings	72,932	152,486	0.0%
Lake	16,489	68,162	24.2%
Lassen	2,663	32,730	8.1%
Los Angeles	4,094,334	10,013,997	40.9%
Madera	73,086	156,254	46.8%
Marin	13,243	262,324	5.0%
Mariposa	0	17,132	0.0%
Mendocino	43,406	91,600	47.4%
Merced	202,666	281,201	72.1%
Modoc	3,414	8,701	39.2%
Mono	0	13,195	0.0%
Monterey	163,898	439,029	37.3%
Napa	17,637	138,019	12.8%
Nevada	6,996	102,241	6.8%
Orange	771,118	3,186,999	24.2%

Risk Analysis Results – No Hazard – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	12,627	404,739	3.1%
Plumas	0	19,789	0.0%
Riverside	771,388	2,418,184	31.9%
Sacramento	414,267	1,585,054	26.1%
San Benito	4,463	64,211	7.0%
San Bernardino	860,408	2,181,654	39.4%
San Diego	711,586	3,298,644	21.6%
San Francisco	90,211	873,964	10.3%
San Joaquin	305,191	779,231	39.2%
San Luis Obispo	0	282,427	0.0%
San Mateo	58,741	764,438	7.7%
Santa Barbara	122,539	448,226	27.3%
Santa Clara	217,303	1,936,253	11.2%
Santa Cruz	62,705	270,863	23.2%
Shasta	26,050	182,158	14.3%
Sierra	0	3,236	0.0%
Siskiyou	9,371	44,077	21.3%
Solano	75,995	453,492	16.8%
Sonoma	60,919	488,863	12.5%
Stanislaus	242,468	552,876	43.9%
Sutter	43,611	99,632	43.8%
Tehama	37,594	65,828	57.1%
Trinity	0	16,112	0.0%
Tulare	329,496	473,120	69.6%
Tuolumne	0	55,620	0.0%
Ventura	178,965	843,843	21.2%
Yolo	63,820	216,404	29.5%
Yuba	35,843	81,575	43.9%
Total	12,023,566	39,538,232	30.4%

Risk Analysis Results – No Hazard – State Bridges by County

County	# of Bridges
Alameda	495
Alpine	19
Amador	21
Butte	121
Calaveras	33
Colusa	64
Contra Costa	323
Del Norte	42
El Dorado	73
Fresno	361
Glenn	73
Humboldt	202
Imperial	291
Inyo	33
Kern	357
Kings	56
Lake	39
Lassen	38
Los Angeles	2,273
Madera	67
Marin	90
Mariposa	35
Mendocino	197
Merced	204
Modoc	28
Mono	31
Monterey	217
Napa	55
Nevada	74
Orange	657

Risk Analysis Results – No Hazard – State Bridges by County

County	# of Bridges
Placer	147
Plumas	37
Riverside	653
Sacramento	310
San Benito	27
San Bernardino	919
San Diego	1,075
San Francisco	114
San Joaquin	315
San Luis Obispo	189
San Mateo	240
Santa Barbara	233
Santa Clara	529
Santa Cruz	93
Shasta	168
Sierra	22
Siskiyou	145
Solano	179
Sonoma	181
Stanislaus	129
Sutter	31
Tehama	132
Trinity	55
Tulare	177
Tuolumne	36
Ventura	310
Yolo	154
Yuba	32
Total	13,201

Risk Analysis Results – No Hazard – State Dams by County

County	Number of State-Owned Dams
Alameda	4
Alpine	2
Amador	1
Butte	5
Calaveras	0
Colusa	0
Contra Costa	1
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	1
Los Angeles	4
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	4
Nevada	0
Orange	0

Risk Analysis Results – No Hazard – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	5
Riverside	1
Sacramento	1
San Benito	0
San Bernardino	3
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	1
San Mateo	1
Santa Barbara	1
Santa Clara	3
Santa Cruz	2
Shasta	0
Sierra	1
Siskiyou	3
Solano	0
Sonoma	3
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	1
Ventura	0
Yolo	1
Yuba	0
Total	49

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	2	456,000	$6,708,484	$6,708,484	$13,416,969
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	3,896	42,442,942	$3,419,731,320	$2,254,012,157	$5,673,743,477
CA Dept of Developmental Services	247	2,320,939	$305,783,571	$390,885,847	$696,669,418
CA Dept of Education	140	1,007,880	$72,292,955	$71,471,656	$143,764,611
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	845	1,330,340	$89,666,843	$83,408,895	$173,075,738
CA Dept of Food and Agriculture	76	122,874	$30,910,938	$29,788,728	$60,699,666
CA Dept of Forestry and Fire Protection	1,902	3,643,642	$736,735,169	$701,301,076	$1,438,036,245
CA Dept of General Services	310	20,654,110	$1,732,903,909	$1,791,018,582	$3,523,922,491
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	25	1,588,233	$655,289,706	$341,691,270	$996,980,976
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	2	14,645	$3,285,839	$3,285,839	$6,571,679
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	97	1,785,342	$325,180,246	$324,392,800	$649,573,047
CA Dept of Parks and Recreation	5,991	7,162,144	$376,063,052	$316,591,750	$692,654,802
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	7	697,153	$79,327,904	$90,002,833	$169,330,737
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	4	42,278	$5,950,867	$5,950,867	$11,901,734
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	525	6,470,903	$382,822,433	$454,638,764	$837,461,197
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	3	34,840	$0	$0	$0
CA Dept of Transportation	2,167	6,172,409	$1,287,730,307	$1,193,880,906	$2,481,611,213
CA Dept of Veterans Affairs	120	2,539,986	$226,667,113	$186,735,522	$413,402,634
CA Dept of Water Resources	24	409,655	$31,568,273	$34,584,036	$66,152,309
CA Employment Development Department	19	387,590	$59,018,440	$59,438,012	$118,456,452
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	1	48	$8,699,380	$8,699,380	$17,398,761
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	105	291,500	$75,585,606	$74,054,727	$149,640,332
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	47	1,156,350	$399,139,462	$383,882,594	$783,022,056
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	1	8,949	$1,208,407	$1,208,407	$2,416,814
California Highway Patrol	179	854,645	$209,732,731	$274,788,363	$484,521,095
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	12	413,774	$60,532,682	$60,608,298	$121,140,980
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	14	129,228	$6,937,317	$6,937,317	$13,874,633
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	1	3,325	$0	$0	$0
California State Legislature	1	237,000	$100,716,549	$100,716,549	$201,433,099
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	1,705	79,627,259	$3,704,027,181	$3,806,699,329	$7,510,726,510

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	2	8,550	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	1	21,200	$0	$0	$0
Coachella Valley Mountains Conservancy	4	3,150	$282,137	$141,069	$423,206
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	1,296	8,255,285	$1,096,377,394	$1,114,735,804	$2,211,113,197
Exposition Park California	9	1,828,101	$51,659,745	$51,659,745	$103,319,490
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	113	11,425,381	$1,584,526,727	$1,706,366,178	$3,290,892,905
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	8	13,917	$57,781	$28,891	$86,672
Santa Monica Mountains Conservancy	50	45,249	$3,147,728	$1,573,864	$4,721,592
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	4,010	39,019,880	$2,032,657,630	$1,630,837,050	$3,663,494,680

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	23,961	242,626,696	$19,162,925,827	$17,562,725,589	$36,725,651,416

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	1	$823,326	$411,663	$1,234,988
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	50	$111,267,273	$115,491,232	$226,758,505
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	1	$16,931,946	$16,931,946	$33,863,892
CA Delta Protection Commission	1	$8,545,399	$12,818,099	$21,363,498
CA Dept of Aging	1	$304,150	$152,075	$456,224
CA Dept of Alcoholic Beverage Control	21	$83,260,200	$83,260,200	$166,520,400
CA Dept of Cannabis Control	6	$35,230,874	$35,230,874	$70,461,749
CA Dept of Child Support Services	3	$18,963,001	$18,963,001	$37,926,003
CA Dept of Community Services and Development	1	$3,989,743	$3,989,743	$7,979,485
CA Dept of Conservation	9	$55,995,909	$55,995,909	$111,991,818
CA Dept of Consumer Affairs	71	$415,192,610	$444,128,251	$859,320,860
CA Dept of Corrections and Rehabilitation	97	$502,731,166	$514,921,870	$1,017,653,037
CA Dept of Developmental Services	4	$19,418,453	$15,189,315	$34,607,768
CA Dept of Education	43	$162,070,656	$162,823,215	$324,893,871
CA Dept of Fair Employment and Housing	4	$24,767,634	$25,672,132	$50,439,766
CA Dept of Financial Protection and Innovation	8	$127,320,864	$127,320,864	$254,641,727
CA Dept of Fish and Wildlife	182	$431,766,181	$445,858,356	$877,624,537
CA Dept of Food and Agriculture	89	$206,518,428	$222,392,319	$428,910,747

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	157	$269,362,465	$290,043,072	$559,405,538
CA Dept of General Services	25	$423,040,700	$436,882,698	$859,923,398
CA Dept of Health Care Access and Information	3	$87,962,182	$92,639,442	$180,601,624
CA Dept of Health Care Services	14	$87,667,586	$90,320,873	$177,988,459
CA Dept of Housing & Community Development	4	$20,151,137	$20,151,137	$40,302,274
CA Dept of Human Resources	1	$15,260,354	$15,260,354	$30,520,708
CA Dept of Industrial Relations	55	$512,585,508	$523,397,285	$1,035,982,793
CA Dept of Insurance	15	$96,305,603	$98,102,034	$194,407,637
CA Dept of Justice	11	$59,757,599	$59,757,599	$119,515,198
CA Dept of Managed Health Care	1	$16,931,946	$16,931,946	$33,863,892
CA Dept of Motor Vehicles	131	$482,558,437	$492,089,759	$974,648,196
CA Dept of Parks and Recreation	23	$62,625,014	$68,396,758	$131,021,772
CA Dept of Pesticide Regulation	5	$58,814,877	$62,576,444	$121,391,321
CA Dept of Public Health	41	$233,791,952	$239,427,100	$473,219,052
CA Dept of Real Estate	3	$13,304,291	$13,304,291	$26,608,582
CA Dept of Rehabilitation	74	$362,200,726	$369,515,496	$731,716,223
CA Dept of Resources Recycling and Recovery	13	$120,772,396	$120,772,396	$241,544,791
CA Dept of Social Services	62	$435,241,971	$449,170,662	$884,412,633
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	21	$140,540,103	$140,946,452	$281,486,554
CA Dept of Technology	3	$14,476,580	$14,476,580	$28,953,160
CA Dept of Toxic Substances Control	9	$30,642,026	$32,034,425	$62,676,452
CA Dept of Transportation	57	$191,125,894	$185,763,689	$376,889,583
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	25	$88,110,843	$91,075,637	$179,186,479

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	105	$551,088,828	$558,010,825	$1,109,099,653
CA Franchise Tax Board	9	$127,845,597	$127,845,597	$255,691,193
CA Governor's Office of Emergency Services	36	$130,198,916	$132,803,647	$263,002,564
CA Governor's Office of Business and Economic Development	4	$68,508,726	$68,508,726	$137,017,453
CA Native American Heritage Commission	1	$3,317,820	$3,317,820	$6,635,641
CA Office of Administrative Law	1	$18,452,265	$18,452,265	$36,904,529
CA Office of Lieutenant Governor	1	$7,901,513	$7,901,513	$15,803,026
CA Office of Systems Integration	5	$31,126,211	$31,126,211	$62,252,421
CA Office of Tax Appeals	5	$180,329,360	$180,329,360	$360,658,720
CA Office of the Inspector General	3	$11,196,515	$11,196,515	$22,393,030
CA State Controller's Office	6	$91,499,479	$91,499,479	$182,998,958
California Agricultural Labor Relations Board	5	$30,060,827	$30,060,827	$60,121,655
California Arts Council	1	$3,551,663	$3,551,663	$7,103,325
California Board of State and Community Corrections	1	$2,750,277	$2,750,277	$5,500,553
California Children and Families Commission	1	$3,989,743	$3,989,743	$7,979,485
California Citizens Redistricting Commission	1	$188,557	$188,557	$377,115
California Coastal Commission	7	$17,633,096	$19,194,800	$36,827,896
California Commission on Teacher Credentialing	1	$6,293,415	$6,293,415	$12,586,829
California Commission on the Status of Women and Girls	1	$12,179,499	$12,179,499	$24,358,999
California Community Colleges Board of Governors	1	$27,224,918	$27,224,918	$54,449,835
California Conservation Corps	24	$39,311,636	$42,484,051	$81,795,687
California Education Audit Appeals Panel	1	$28,396,102	$28,396,102	$56,792,204

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	2	$69,619,747	$69,619,747	$139,239,493
California Energy Commission	1	$9,354,520	$14,031,779	$23,386,299
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	1	$27,224,918	$27,224,918	$54,449,835
California Gambling Control Commission	2	$7,917,273	$7,917,273	$15,834,545
California Government Operation Agency	2	$58,507,901	$58,507,901	$117,015,802
California Health and Human Services Agency	1	$12,179,499	$12,179,499	$24,358,999
California Health Benefit Exchange	2	$34,164,754	$45,566,119	$79,730,872
California High-Speed Rail Authority	7	$241,288,711	$241,288,711	$482,577,422
California Highway Patrol	91	$216,318,340	$255,294,067	$471,612,407
California Horse Racing Board	1	$8,143,542	$8,143,542	$16,287,084
California Law Revision Commission	1	$1,421,468	$1,421,468	$2,842,936
California Lottery	4	$20,213,717	$20,213,717	$40,427,433
California Mental Health Services Oversight and Accountability Commission	2	$32,573,769	$32,573,769	$65,147,537
California Military Department	8	$17,426,805	$17,402,588	$34,829,394
California Office of the State Public Defender	2	$36,507,772	$36,507,772	$73,015,544
California Prison Industry Authority	2	$11,918,431	$13,811,919	$25,730,350
California Public Employment Relations Board	3	$11,649,984	$11,649,984	$23,299,968
California Public Utilities Commission	16	$207,859,627	$209,150,679	$417,010,306
California State Board of Equalization	6	$84,264,547	$84,264,547	$168,529,094
California State Independent Living Council	1	$5,094,778	$5,094,778	$10,189,556

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	5	$20,004,379	$20,004,379	$40,008,759
California State Legislature	0	$0	$0	$0
California State Personnel Board	2	$5,304,890	$5,304,890	$10,609,780
California State Summer School for the Arts	1	$3,483,235	$3,483,235	$6,966,470
California State Transportation Agency	1	$4,003,651	$4,003,651	$8,007,303
California State University	98	$186,994,716	$157,230,248	$344,224,963
California State Water Resources Control Board	32	$140,323,571	$142,991,337	$283,314,908
California Student Aid Commission	1	$7,166,325	$7,166,325	$14,332,650
California Tahoe Conservancy	2	$2,412,443	$2,823,962	$5,236,405
California Transportation Commission	1	$0	$0	$0
California Victim Compensation Board	1	$49,414,245	$49,414,245	$98,828,490
Cannabis Control Appeals Panel	1	$49,414,245	$49,414,245	$98,828,490
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	1	$5,028,686	$5,028,686	$10,057,372
Commission on Peace Officer Standards and Training	1	$4,312,511	$4,312,511	$8,625,023
District Agricultural Associations	4	$10,451,881	$10,376,100	$20,827,982
Exposition Park California	0	$0	$0	$0
Financial Information System for California	1	$12,712,930	$12,712,930	$25,425,861
Habeas Corpus Resource Center	2	$15,293,922	$15,293,922	$30,587,845
Judicial Council of California	5	$36,491,964	$36,080,301	$72,572,265
Milton Marks (Little Hoover) Commission	1	$12,179,499	$12,179,499	$24,358,999
Sacramento-San Joaquin Delta Conservancy	1	$3,600,158	$3,600,158	$7,200,315
San Diego River Conservancy	1	$244,719	$244,719	$489,439

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	1	$43,490,184	$43,490,184	$86,980,367
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	1	$789,576	$394,788	$1,184,364
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	6	$19,740,170	$19,841,361	$39,581,531
University of California	0	$0	$0	$0
Total	1,893	$9,216,928,646	$9,438,197,133	$18,655,125,778

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	1	$823,326	$411,663	$1,234,988
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	52	$117,975,758	$122,199,716	$240,175,474
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	1	$16,931,946	$16,931,946	$33,863,892
CA Delta Protection Commission	1	$8,545,399	$12,818,099	$21,363,498
CA Dept of Aging	1	$304,150	$152,075	$456,224
CA Dept of Alcoholic Beverage Control	21	$83,260,200	$83,260,200	$166,520,400
CA Dept of Cannabis Control	6	$35,230,874	$35,230,874	$70,461,749
CA Dept of Child Support Services	3	$18,963,001	$18,963,001	$37,926,003
CA Dept of Community Services and Development	1	$3,989,743	$3,989,743	$7,979,485
CA Dept of Conservation	9	$55,995,909	$55,995,909	$111,991,818
CA Dept of Consumer Affairs	71	$415,192,610	$444,128,251	$859,320,860
CA Dept of Corrections and Rehabilitation	3,993	$3,922,462,486	$2,768,934,028	$6,691,396,514

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	251	$325,202,024	$406,075,161	$731,277,185
CA Dept of Education	183	$234,363,611	$234,294,871	$468,658,482
CA Dept of Fair Employment and Housing	4	$24,767,634	$25,672,132	$50,439,766
CA Dept of Financial Protection and Innovation	8	$127,320,864	$127,320,864	$254,641,727
CA Dept of Fish and Wildlife	1,027	$521,433,024	$529,267,251	$1,050,700,275
CA Dept of Food and Agriculture	165	$237,429,367	$252,181,047	$489,610,413
CA Dept of Forestry and Fire Protection	2,059	$1,006,097,635	$991,344,149	$1,997,441,783
CA Dept of General Services	335	$2,155,944,609	$2,227,901,280	$4,383,845,889
CA Dept of Health Care Access and Information	3	$87,962,182	$92,639,442	$180,601,624
CA Dept of Health Care Services	14	$87,667,586	$90,320,873	$177,988,459
CA Dept of Housing & Community Development	29	$675,440,843	$361,842,407	$1,037,283,250
CA Dept of Human Resources	1	$15,260,354	$15,260,354	$30,520,708
CA Dept of Industrial Relations	55	$512,585,508	$523,397,285	$1,035,982,793
CA Dept of Insurance	15	$96,305,603	$98,102,034	$194,407,637
CA Dept of Justice	13	$63,043,439	$63,043,439	$126,086,877
CA Dept of Managed Health Care	1	$16,931,946	$16,931,946	$33,863,892
CA Dept of Motor Vehicles	228	$807,738,684	$816,482,559	$1,624,221,242
CA Dept of Parks and Recreation	6,014	$438,688,066	$384,988,508	$823,676,574
CA Dept of Pesticide Regulation	5	$58,814,877	$62,576,444	$121,391,321
CA Dept of Public Health	48	$313,119,856	$329,429,933	$642,549,789
CA Dept of Real Estate	3	$13,304,291	$13,304,291	$26,608,582
CA Dept of Rehabilitation	78	$368,151,593	$375,466,363	$743,617,957
CA Dept of Resources Recycling and Recovery	13	$120,772,396	$120,772,396	$241,544,791
CA Dept of Social Services	62	$435,241,971	$449,170,662	$884,412,633
CA Dept of State Hospitals	525	$382,822,433	$454,638,764	$837,461,197

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	21	$140,540,103	$140,946,452	$281,486,554
CA Dept of Technology	3	$14,476,580	$14,476,580	$28,953,160
CA Dept of Toxic Substances Control	12	$30,642,026	$32,034,425	$62,676,452
CA Dept of Transportation	2,224	$1,478,856,201	$1,379,644,595	$2,858,500,795
CA Dept of Veterans Affairs	120	$226,667,113	$186,735,522	$413,402,634
CA Dept of Water Resources	49	$119,679,115	$125,659,673	$245,338,788
CA Employment Development Department	124	$610,107,268	$617,448,837	$1,227,556,105
CA Franchise Tax Board	9	$127,845,597	$127,845,597	$255,691,193
CA Governor's Office of Emergency Services	37	$138,898,296	$141,503,028	$280,401,324
CA Governor's Office of Business and Economic Development	4	$68,508,726	$68,508,726	$137,017,453
CA Native American Heritage Commission	1	$3,317,820	$3,317,820	$6,635,641
CA Office of Administrative Law	1	$18,452,265	$18,452,265	$36,904,529
CA Office of Lieutenant Governor	1	$7,901,513	$7,901,513	$15,803,026
CA Office of Systems Integration	5	$31,126,211	$31,126,211	$62,252,421
CA Office of Tax Appeals	5	$180,329,360	$180,329,360	$360,658,720
CA Office of the Inspector General	3	$11,196,515	$11,196,515	$22,393,030
CA State Controller's Office	6	$91,499,479	$91,499,479	$182,998,958
California Agricultural Labor Relations Board	5	$30,060,827	$30,060,827	$60,121,655
California Arts Council	1	$3,551,663	$3,551,663	$7,103,325
California Board of State and Community Corrections	1	$2,750,277	$2,750,277	$5,500,553
California Children and Families Commission	1	$3,989,743	$3,989,743	$7,979,485
California Citizens Redistricting Commission	1	$188,557	$188,557	$377,115
California Coastal Commission	7	$17,633,096	$19,194,800	$36,827,896

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	1	$6,293,415	$6,293,415	$12,586,829
California Commission on the Status of Women and Girls	1	$12,179,499	$12,179,499	$24,358,999
California Community Colleges Board of Governors	1	$27,224,918	$27,224,918	$54,449,835
California Conservation Corps	129	$114,897,241	$116,538,778	$231,436,019
California Education Audit Appeals Panel	1	$28,396,102	$28,396,102	$56,792,204
California Emergency Medical Services Authority	2	$69,619,747	$69,619,747	$139,239,493
California Energy Commission	1	$9,354,520	$14,031,779	$23,386,299
California Exposition and State Fair	47	$399,139,462	$383,882,594	$783,022,056
California Fair Political Practices Commission	1	$27,224,918	$27,224,918	$54,449,835
California Gambling Control Commission	2	$7,917,273	$7,917,273	$15,834,545
California Government Operation Agency	2	$58,507,901	$58,507,901	$117,015,802
California Health and Human Services Agency	1	$12,179,499	$12,179,499	$24,358,999
California Health Benefit Exchange	2	$34,164,754	$45,566,119	$79,730,872
California High-Speed Rail Authority	8	$242,497,118	$242,497,118	$484,994,237
California Highway Patrol	270	$426,051,071	$530,082,430	$956,133,501
California Horse Racing Board	1	$8,143,542	$8,143,542	$16,287,084
California Law Revision Commission	1	$1,421,468	$1,421,468	$2,842,936
California Lottery	16	$80,746,399	$80,822,014	$161,568,413
California Mental Health Services Oversight and Accountability Commission	2	$32,573,769	$32,573,769	$65,147,537
California Military Department	22	$24,364,122	$24,339,905	$48,704,027
California Office of the State Public Defender	2	$36,507,772	$36,507,772	$73,015,544

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	2	$11,918,431	$13,811,919	$25,730,350
California Public Employment Relations Board	3	$11,649,984	$11,649,984	$23,299,968
California Public Utilities Commission	16	$207,859,627	$209,150,679	$417,010,306
California State Board of Equalization	6	$84,264,547	$84,264,547	$168,529,094
California State Independent Living Council	1	$5,094,778	$5,094,778	$10,189,556
California State Lands Commission	6	$20,004,379	$20,004,379	$40,008,759
California State Legislature	1	$100,716,549	$100,716,549	$201,433,099
California State Personnel Board	2	$5,304,890	$5,304,890	$10,609,780
California State Summer School for the Arts	1	$3,483,235	$3,483,235	$6,966,470
California State Transportation Agency	1	$4,003,651	$4,003,651	$8,007,303
California State University	1,803	$3,891,021,896	$3,963,929,577	$7,854,951,473
California State Water Resources Control Board	32	$140,323,571	$142,991,337	$283,314,908
California Student Aid Commission	1	$7,166,325	$7,166,325	$14,332,650
California Tahoe Conservancy	4	$2,412,443	$2,823,962	$5,236,405
California Transportation Commission	1	$0	$0	$0
California Victim Compensation Board	1	$49,414,245	$49,414,245	$98,828,490
Cannabis Control Appeals Panel	1	$49,414,245	$49,414,245	$98,828,490
Central Valley Flood Protection Board	1	$0	$0	$0
Coachella Valley Mountains Conservancy	5	$5,310,823	$5,169,755	$10,480,578
Commission on Peace Officer Standards and Training	1	$4,312,511	$4,312,511	$8,625,023
District Agricultural Associations	1,300	$1,106,829,275	$1,125,111,904	$2,231,941,179
Exposition Park California	9	$51,659,745	$51,659,745	$103,319,490

Risk Analysis Results – No Hazard – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	1	$12,712,930	$12,712,930	$25,425,861
Habeas Corpus Resource Center	2	$15,293,922	$15,293,922	$30,587,845
Judicial Council of California	118	$1,621,018,691	$1,742,446,479	$3,363,465,170
Milton Marks (Little Hoover) Commission	1	$12,179,499	$12,179,499	$24,358,999
Sacramento-San Joaquin Delta Conservancy	1	$3,600,158	$3,600,158	$7,200,315
San Diego River Conservancy	1	$244,719	$244,719	$489,439
San Francisco Bay Conservation and Development Commission	1	$43,490,184	$43,490,184	$86,980,367
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	1	$789,576	$394,788	$1,184,364
San Joaquin River Conservancy	8	$57,781	$28,891	$86,672
Santa Monica Mountains Conservancy	50	$3,147,728	$1,573,864	$4,721,592
Sierra Nevada Conservancy	6	$19,740,170	$19,841,361	$39,581,531
University of California	4,010	$2,032,657,630	$1,630,837,050	$3,663,494,680
Total	25,854	$28,379,854,473	$27,000,922,722	$55,380,777,194

Risk Analysis Results – No Hazard– State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	706	12,509,863	$963,198,608	$1,060,001,453	$2,023,200,061
Alpine	13	41,227	$3,410,887	$2,287,927	$5,698,814
Amador	286	2,288,899	$100,731,813	$84,109,672	$184,841,485
Butte	366	3,240,775	$194,503,457	$160,310,327	$354,813,783
Calaveras	149	335,689	$22,506,434	$22,094,277	$44,600,711
Colusa	57	226,610	$3,712,024	$3,422,251	$7,134,274
Contra Costa	134	1,483,162	$228,844,292	$241,613,973	$470,458,265
Del Norte	224	1,494,836	$189,467,347	$153,434,424	$342,901,771
El Dorado	250	413,226	$43,961,240	$43,371,552	$87,332,792
Fresno	591	7,090,955	$591,359,464	$562,833,479	$1,154,192,943
Glenn	64	243,627	$33,710,789	$40,717,926	$74,428,715
Humboldt	623	3,012,340	$132,464,749	$106,642,120	$239,106,869
Imperial	340	2,660,086	$181,994,255	$169,433,538	$351,427,793
Inyo	144	304,425	$94,092,391	$69,755,804	$163,848,195
Kern	728	6,876,970	$559,489,139	$484,900,828	$1,044,389,967
Kings	480	5,303,429	$335,301,129	$171,887,525	$507,188,654
Lake	127	241,850	$15,615,471	$12,669,738	$28,285,209
Lassen	348	2,188,772	$168,452,444	$92,684,511	$261,136,955
Los Angeles	1,533	46,839,683	$2,496,116,270	$2,833,661,784	$5,329,778,054
Madera	224	2,170,243	$131,302,982	$126,435,160	$257,738,142
Marin	568	2,427,908	$148,959,860	$121,276,817	$270,236,677
Mariposa	84	175,462	$33,808,914	$35,482,133	$69,291,047
Mendocino	663	617,728	$39,176,113	$35,791,602	$74,967,715
Merced	139	468,570	$59,921,682	$47,053,081	$106,974,762
Modoc	65	279,334	$19,298,007	$11,018,310	$30,316,317
Mono	262	312,309	$21,262,874	$15,505,074	$36,767,947
Monterey	834	4,592,929	$404,098,021	$224,515,920	$628,613,941
Napa	360	2,916,884	$154,379,548	$152,510,822	$306,890,370
Nevada	309	582,299	$45,115,597	$46,489,415	$91,605,011

Risk Analysis Results – No Hazard– State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	898	10,633,985	$731,662,869	$709,583,695	$1,441,246,564
Placer	227	355,343	$71,202,570	$80,507,499	$151,710,068
Plumas	77	95,956	$5,936,459	$4,615,305	$10,551,764
Riverside	1,290	7,886,642	$463,439,136	$395,299,658	$858,738,795
Sacramento	783	26,035,909	$2,782,469,139	$2,713,106,989	$5,495,576,128
San Benito	149	302,046	$70,058,387	$69,285,899	$139,344,286
San Bernardino	765	7,804,186	$795,163,463	$533,491,982	$1,328,655,446
San Diego	1,652	20,768,580	$1,243,213,530	$1,148,943,831	$2,392,157,361
San Francisco	184	7,861,033	$832,512,236	$764,149,741	$1,596,661,977
San Joaquin	406	4,847,291	$222,510,539	$213,872,238	$436,382,777
San Luis Obispo	671	8,879,994	$495,688,716	$485,507,107	$981,195,824
San Mateo	171	485,568	$202,170,250	$225,549,792	$427,720,042
Santa Barbara	567	3,598,530	$267,071,427	$184,292,713	$451,364,140
Santa Clara	299	6,028,895	$1,061,904,822	$781,061,369	$1,842,966,191
Santa Cruz	873	2,905,004	$844,191,081	$482,271,091	$1,326,462,172
Shasta	322	978,334	$65,353,902	$74,035,575	$139,389,477
Sierra	17	25,186	$2,500,202	$2,002,901	$4,503,104
Siskiyou	234	570,116	$17,052,365	$16,978,000	$34,030,365
Solano	327	3,218,122	$314,690,628	$208,242,540	$522,933,169
Sonoma	622	3,984,236	$386,413,399	$365,580,124	$751,993,522
Stanislaus	148	1,680,247	$115,091,156	$104,819,053	$219,910,209
Sutter	51	324,591	$22,380,565	$25,172,168	$47,552,733
Tehama	158	499,794	$21,903,744	$22,204,358	$44,108,102
Trinity	47	102,416	$28,867,986	$36,115,061	$64,983,047
Tulare	375	1,827,154	$227,889,270	$272,403,698	$500,292,968
Tuolumne	388	1,095,776	$34,434,686	$34,300,978	$68,735,664
Ventura	282	1,823,838	$294,197,882	$350,411,169	$644,609,051
Yolo	1,248	6,388,339	$104,727,276	$104,499,747	$209,227,023
Yuba	59	279,495	$21,972,345	$22,509,861	$44,482,206

Risk Analysis Results – No Hazard– State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	23,961	242,626,696	$19,162,925,827	$17,562,725,589	$36,725,651,416

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	33	$270,479,184	$270,879,030	$541,358,214
Alpine	0	$0	$0	$0
Amador	11	$2,958,089	$1,789,505	$4,747,594
Butte	48	$131,013,036	$148,551,151	$279,564,187
Calaveras	7	$5,773,625	$8,088,544	$13,862,170
Colusa	3	$11,826,640	$11,826,640	$23,653,279
Contra Costa	21	$59,051,985	$56,361,549	$115,413,534
Del Norte	6	$6,409,108	$6,409,108	$12,818,217
El Dorado	22	$19,752,716	$20,210,434	$39,963,150
Fresno	83	$359,317,670	$387,214,200	$746,531,870
Glenn	2	$2,149,720	$2,149,720	$4,299,439
Humboldt	37	$87,845,896	$93,483,839	$181,329,735
Imperial	11	$18,460,884	$17,167,009	$35,627,893
Inyo	12	$17,281,385	$15,872,749	$33,154,134
Kern	56	$167,633,223	$172,713,210	$340,346,434
Kings	4	$3,330,340	$3,250,250	$6,580,590
Lake	5	$26,599,804	$15,332,369	$41,932,173
Lassen	9	$38,566,027	$34,129,525	$72,695,552
Los Angeles	238	$1,767,419,638	$1,781,537,174	$3,548,956,812
Madera	4	$5,603,730	$8,099,960	$13,703,690
Marin	10	$10,615,005	$9,881,593	$20,496,598
Mariposa	3	$251,650	$125,825	$377,476
Mendocino	31	$56,320,093	$59,658,421	$115,978,513

Risk Analysis Results – No Hazard– State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	9	$7,671,899	$9,011,809	$16,683,708
Modoc	3	$1,744,378	$1,668,597	$3,412,975
Mono	0	$0	$0	$0
Monterey	30	$50,781,991	$43,767,407	$94,549,397
Napa	8	$22,102,576	$22,887,759	$44,990,334
Nevada	13	$15,578,056	$16,009,371	$31,587,427
Orange	59	$446,241,451	$443,853,685	$890,095,136
Placer	23	$56,063,087	$71,459,850	$127,522,938
Plumas	7	$9,575,060	$9,864,179	$19,439,239
Riverside	62	$165,773,260	$171,474,756	$337,248,016
Sacramento	392	$3,413,490,407	$3,482,916,356	$6,896,406,763
San Benito	6	$1,700,088	$1,574,112	$3,274,200
San Bernardino	73	$200,899,348	$202,139,917	$403,039,265
San Diego	98	$277,022,417	$287,151,363	$564,173,780
San Francisco	19	$201,171,598	$200,691,588	$401,863,186
San Joaquin	33	$96,043,159	$107,514,815	$203,557,975
San Luis Obispo	37	$56,922,893	$56,808,526	$113,731,419
San Mateo	20	$186,325,756	$187,879,116	$374,204,872
Santa Barbara	16	$24,639,964	$21,934,796	$46,574,760
Santa Clara	45	$107,244,528	$109,826,122	$217,070,650
Santa Cruz	13	$10,376,212	$10,786,076	$21,162,288
Shasta	34	$90,702,597	$116,312,433	$207,015,030
Sierra	0	$0	$0	$0
Siskiyou	21	$14,306,971	$14,255,439	$28,562,411
Solano	26	$109,704,548	$118,465,587	$228,170,135
Sonoma	33	$70,906,410	$77,150,986	$148,057,396
Stanislaus	18	$35,245,957	$29,808,332	$65,054,289
Sutter	3	$2,052,943	$2,052,943	$4,105,885
Tehama	13	$10,306,872	$11,206,986	$21,513,858

Risk Analysis Results – No Hazard– State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	3	$1,560,806	$1,560,806	$3,121,612
Tulare	20	$53,848,313	$53,032,428	$106,880,741
Tuolumne	12	$10,075,633	$10,852,910	$20,928,543
Ventura	43	$113,432,223	$110,013,894	$223,446,117
Yolo	42	$281,422,790	$306,197,377	$587,620,168
Yuba	3	$3,335,004	$3,335,004	$6,670,008
Total	1,893	$9,216,928,646	$9,438,197,133	$18,655,125,778

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	739	$1,233,677,792	$1,330,880,483	$2,564,558,274
Alpine	13	$3,410,887	$2,287,927	$5,698,814
Amador	297	$103,689,902	$85,899,177	$189,589,079
Butte	414	$325,516,493	$308,861,477	$634,377,970
Calaveras	156	$28,280,059	$30,182,822	$58,462,881
Colusa	60	$15,538,663	$15,248,890	$30,787,554
Contra Costa	155	$287,896,277	$297,975,522	$585,871,799
Del Norte	230	$195,876,455	$159,843,532	$355,719,987
El Dorado	272	$63,713,956	$63,581,986	$127,295,942
Fresno	674	$950,677,134	$950,047,679	$1,900,724,813
Glenn	66	$35,860,508	$42,867,646	$78,728,154
Humboldt	660	$220,310,644	$200,125,960	$420,436,604
Imperial	351	$200,455,139	$186,600,547	$387,055,686
Inyo	156	$111,373,776	$85,628,553	$197,002,329
Kern	784	$727,122,363	$657,614,038	$1,384,736,401
Kings	484	$338,631,469	$175,137,775	$513,769,244
Lake	132	$42,215,275	$28,002,108	$70,217,382

Risk Analysis Results – No Hazard– State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	357	$207,018,471	$126,814,037	$333,832,508
Los Angeles	1,771	$4,263,535,908	$4,615,198,959	$8,878,734,866
Madera	228	$136,906,712	$134,535,121	$271,441,833
Marin	578	$159,574,865	$131,158,410	$290,733,275
Mariposa	87	$34,060,564	$35,607,959	$69,668,523
Mendocino	694	$95,496,206	$95,450,023	$190,946,229
Merced	148	$67,593,581	$56,064,890	$123,658,470
Modoc	68	$21,042,385	$12,686,907	$33,729,292
Mono	262	$21,262,874	$15,505,074	$36,767,947
Monterey	864	$454,880,012	$268,283,326	$723,163,338
Napa	368	$176,482,124	$175,398,580	$351,880,705
Nevada	322	$60,693,653	$62,498,786	$123,192,438
Orange	957	$1,177,904,320	$1,153,437,380	$2,331,341,700
Placer	250	$127,265,657	$151,967,349	$279,233,006
Plumas	84	$15,511,519	$14,479,485	$29,991,004
Riverside	1,352	$629,212,397	$566,774,414	$1,195,986,811
Sacramento	1,175	$6,195,959,546	$6,196,023,345	$12,391,982,891
San Benito	155	$71,758,475	$70,860,010	$142,618,486
San Bernardino	838	$996,062,812	$735,631,899	$1,731,694,711
San Diego	1,750	$1,520,235,947	$1,436,095,194	$2,956,331,141
San Francisco	203	$1,033,683,834	$964,841,329	$1,998,525,163
San Joaquin	439	$318,553,698	$321,387,053	$639,940,751
San Luis Obispo	708	$552,611,609	$542,315,634	$1,094,927,243
San Mateo	191	$388,496,006	$413,428,908	$801,924,914
Santa Barbara	583	$291,711,391	$206,227,510	$497,938,900
Santa Clara	344	$1,169,149,350	$890,887,491	$2,060,036,842
Santa Cruz	886	$854,567,293	$493,057,167	$1,347,624,460
Shasta	356	$156,056,499	$190,348,008	$346,404,508
Sierra	17	$2,500,202	$2,002,901	$4,503,104

Risk Analysis Results – No Hazard– State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	255	$31,359,336	$31,233,440	$62,592,776
Solano	353	$424,395,177	$326,708,127	$751,103,304
Sonoma	655	$457,319,809	$442,731,110	$900,050,918
Stanislaus	166	$150,337,113	$134,627,386	$284,964,498
Sutter	54	$24,433,507	$27,225,111	$51,658,618
Tehama	171	$32,210,616	$33,411,344	$65,621,960
Trinity	50	$30,428,791	$37,675,867	$68,104,659
Tulare	395	$281,737,583	$325,436,126	$607,173,709
Tuolumne	400	$44,510,319	$45,153,887	$89,664,207
Ventura	325	$407,630,105	$460,425,063	$868,055,168
Yolo	1,290	$386,150,066	$410,697,125	$796,847,191
Yuba	62	$25,307,349	$25,844,865	$51,152,214
Total	25,854	$28,379,854,473	$27,000,922,722	$55,380,777,194

Risk Analysis Results – No Hazard – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	3,896	42,442,942	$3,419,731,320	$2,254,012,157	$5,673,743,477
Development Center	247	2,320,939	$305,783,571	$390,885,847	$696,669,418
Hospital	525	6,470,903	$382,822,433	$454,638,764	$837,461,197
Migrant Center	25	1,588,233	$655,289,706	$341,691,270	$996,980,976
Special School	137	959,233	$64,705,505	$63,904,858	$128,610,363
Other Facility	19,131	188,844,446	$14,334,593,292	$14,057,592,693	$28,392,185,985
Total	23,961	242,626,696	$19,162,925,827	$17,562,725,589	$36,725,651,416

Risk Analysis Results – No Hazard – State Highways by County

County	Miles of Highway
Alameda	391.5
Alpine	165.4
Amador	250.9
Butte	362.7
Calaveras	299.5
Colusa	229.2
Contra Costa	223.0
Del Norte	182.5
El Dorado	343.7
Fresno	1,035.0
Glenn	220.8
Humboldt	670.7
Imperial	819.2
Inyo	845.0
Kern	1,719.5
Kings	313.9
Lake	271.6
Lassen	605.9
Los Angeles	1,699.6
Madera	261.7
Marin	179.6
Mariposa	233.5
Mendocino	769.0
Merced	513.3
Modoc	355.3
Mono	627.9
Monterey	575.3
Napa	221.2
Nevada	258.3
Orange	552.4

Risk Analysis Results – No Hazard – State Highways by County

County	Miles of Highway
Placer	305.3
Plumas	362.0
Riverside	1,259.8
Sacramento	423.7
San Benito	180.2
San Bernardino	2,388.6
San Diego	1,268.5
San Francisco	67.4
San Joaquin	526.2
San Luis Obispo	713.4
San Mateo	426.5
Santa Barbara	589.2
Santa Clara	502.8
Santa Cruz	245.0
Shasta	620.8
Sierra	194.9
Siskiyou	698.5
Solano	318.8
Sonoma	470.8
Stanislaus	360.6
Sutter	166.1
Tehama	411.6
Trinity	400.5
Tulare	701.6
Tuolumne	303.1
Ventura	526.0
Yolo	339.1
Yuba	129.8
Total	30,098.0

Risk Analysis Results – No Hazard – State Water Project by Branch

County	Number of State-Owned Dams
California Aqueduct	298.6
Coastal Branch	130.4
East Branch	139.1
East Branch Extension	43.3
North Bay Aqueduct	27.8
Oroville	3.7
South Bay Aqueduct	51.9
West Branch	19.7
Total	714.5

Risk Analysis Results for Dam Failure

Risk Analysis Results – Dam Failure (State Jurisdiction) – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	3,299	83,922	3.9%
Alpine	718	50,861	1.4%
Amador	7,485	97,686	7.7%
Butte	11,390	88,320	12.9%
Calaveras	1,534	124,320	1.2%
Colusa	5,932	39,975	14.8%
Contra Costa	2,620	28,731	9.1%
Del Norte	501	10,802	4.6%
El Dorado	5,632	184,442	3.1%
Fresno	4,733	51,792	9.1%
Glenn	14	2,085	0.7%
Humboldt	8,009	78,482	10.2%
Imperial	0	710,020	0.0%
Inyo	81,542	246,441	33.1%
Kern	1,214	1,014,386	0.1%
Kings	0	8,907	0.0%
Lake	1,455	82,544	1.8%
Lassen	1,988	180,689	1.1%
Los Angeles	31,123	911,564	3.4%
Madera	1,248	41,190	3.0%
Marin	609	24,696	2.5%
Mariposa	3,143	228,533	1.4%
Mendocino	3,148	855,474	0.4%
Merced	2,486	12,030	20.7%
Modoc	1,089	2,853	38.2%
Mono	3,300	130,547	2.5%
Monterey	728	92,667	0.8%
Napa	2,285	169,772	1.3%
Nevada	3,680	146,358	2.5%

Risk Analysis Results – Dam Failure (State Jurisdiction) – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	10,986	151,777	7.2%
Placer	3,114	122,653	2.5%
Plumas	5,795	60,257	9.6%
Riverside	40,021	1,065,179	3.8%
Sacramento	3,924	75,501	5.2%
San Benito	63	8,877	0.7%
San Bernardino	28,936	1,734,287	1.7%
San Diego	19,328	522,630	3.7%
San Francisco	203	4,245	4.8%
San Joaquin	16,178	28,214	57.3%
San Luis Obispo	2,202	733,458	0.3%
San Mateo	702	32,801	2.1%
Santa Barbara	265	28,657	0.9%
Santa Clara	5,845	43,054	13.6%
Santa Cruz	252	40,770	0.6%
Shasta	6,248	381,315	1.6%
Sierra	13	35,361	0.0%
Siskiyou	6,055	508,754	1.2%
Solano	2,508	55,831	4.5%
Sonoma	645	57,738	1.1%
Stanislaus	7,990	14,179	56.4%
Sutter	1,674	2,369	70.7%
Tehama	2,437	84,053	2.9%
Trinity	1,002	116,464	0.9%
Tulare	21	6,847	0.3%
Tuolumne	2,225	70,255	3.2%
Ventura	4,881	31,804	15.3%
Yolo	5,266	40,856	12.9%
Yuba	6,178	30,685	20.1%

Risk Analysis Results – Dam Failure (State Jurisdiction) – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	375,861	11,788,962	3.2%

Risk Analysis Results – Dam Failure (State Jurisdiction) – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	7	8	0	0	0	1	16
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	4	0	1	0	0	0	5
Calaveras	0	0	11	0	0	0	0	11
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	0	13	0	0	0	1	14
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	4	7	0	0	1	0	12
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	0	0
Imperial	0	0	0	0	0	0	0	0
Inyo	0	2	12	0	0	0	0	14
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	0	2	12	0	5	0	7	26
Madera	0	3	0	0	0	0	0	3
Marin	0	0	0	0	0	0	0	0
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	3	0	0	0	0	3
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	5	0	0	0	0	5
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Dam Failure (State Jurisdiction) – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	4	0	3	2	1	10
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	10	0	0	1	0	11
Sacramento	0	0	0	0	0	0	11	11
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	2	4	0	1	1	1	9
San Diego	0	2	1	0	2	0	26	31
San Francisco	0	0	0	0	0	0	0	0
San Joaquin	2	2	14	6	0	1	5	30
San Luis Obispo	1	0	0	0	0	1	0	2
San Mateo	0	0	4	0	0	0	0	4
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	9	1	1	0	0	1	3	15
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	3	0	0	0	0	18	21
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	15	4	0	1	0	20
Sutter	0	2	2	2	0	0	0	6
Tehama	0	0	3	0	0	0	0	3
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	3	6	0	0	0	2	11
Yolo	0	0	0	3	0	0	4	7

Risk Analysis Results – Dam Failure (State Jurisdiction) – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	12	37	135	16	11	9	80	300

Risk Analysis Results – Dam Failure (State Jurisdiction) – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	$700.0 Million to $3.5 Billion	$1.1 Billion to $3.0 Billion	-	-	-	$100.0 Million to $500.0 Million
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	$3.0 Billion to Greater Than $3.1 Billion	-	$100.0 Million to $500.0 Million	-	-	-
Calaveras	-	-	$1.1 Billion to $5.5 Billion	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	-	$1.2 Billion to $6.1 Billion	-	-	-	$10.0 Million to $100.0 Million
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	$400.0 Million to $2.0 Billion	$2.7 Billion to $6.0 Billion	-	-	$10.0 Million to $100.0 Million	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-
Imperial	-	-	-	-	-	-	-
Inyo	-	$200.0 Million to $1.0 Billion	$8.0 Billion to Greater Than $12.0 Billion	-	-	-	-
Kern	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-

Risk Analysis Results – Dam Failure (State Jurisdiction) – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Los Angeles	-	$200.0 Million to $1.0 Billion	$1.8 Billion to Greater Than $3.8 Billion	-	$2.3 Billion to Greater Than $3.5 Billion	-	$520.0 Million to $2.7 Billion
Madera	-	$300.0 Million to $1.5 Billion	-	-	-	-	-
Marin	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	-	$300.0 Million to $1.5 Billion	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	$1.5 Billion to $3.2 Billion	-	-	-	-
Monterey	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	-	$130.0 Million to $800.0 Million	-	$20.0 Million to $210.0 Million	$20.0 Million to $200.0 Million	$100.0 Million to $500.0 Million
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	-	$150.0 Million to $1.0 Billion	-	-	$10.0 Million to $100.0 Million	-
Sacramento	-	-	-	-	-	-	$5.5 Billion to $11.0 Billion
San Benito	-	-	-	-	-	-	-
San Bernardino	-	$1.1 Billion to Greater Than $1.5 Billion	$530.0 Million to $1.3 Billion	-	$0 to $10.0 Million	$100.0 Million to $500.0 Million	$10.0 Million to $100.0 Million

Risk Analysis Results – Dam Failure (State Jurisdiction) – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
San Diego	-	$20.0 Million to $200.0 Million	$10.0 Million to $100.0 Million	-	$200.0 Million to $1.0 Billion	-	$9.1 Billion to Greater Than $19.4 Billion
San Francisco	-	-	-	-	-	-	-
San Joaquin	$200.0 Million to $1.0 Billion	$1.5 Billion to Greater Than $2.0 Billion	$3.6 Billion to $7.7 Billion	$600.0 Million to $3.0 Billion	-	$100.0 Million to $500.0 Million	$2.0 Billion to Greater Than $2.3 Billion
San Luis Obispo	$500.0 Million to $1.0 Billion	-	-	-	-	$100.0 Million to $500.0 Million	-
San Mateo	-	-	$620.0 Million to $1.7 Billion	-	-	-	-
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	$810.0 Million to $4.1 Billion	$100.0 Million to $500.0 Million	$100.0 Million to $500.0 Million	-	-	$10.0 Million to $100.0 Million	$2.0 Billion to Greater Than $2.1 Billion
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	$3.0 Billion to Greater Than $3.0 Billion	-	-	-	-	$1.8 Billion to $9.0 Billion
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	$730.0 Million to $2.8 Billion	$220.0 Million to $1.2 Billion	-	$10.0 Million to $100.0 Million	-
Sutter	-	$200.0 Million to $1.0 Billion	$200.0 Million to $1.0 Billion	$20.0 Million to $200.0 Million	-	-	-

Risk Analysis Results – Dam Failure (State Jurisdiction) – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Tehama	-	-	$300.0 Million to $1.5 Billion	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	$300.0 Million to $1.5 Billion	$60.0 Million to $600.0 Million	-	-	-	$2.0 Billion to Greater Than $2.0 Billion
Yolo	-	-	-	$30.0 Million to $300.0 Million	-	-	$2.0 Billion to $4.0 Billion
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – Dam Failure (State Jurisdiction) – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	72,818	370,176	19.7%
Alpine	72	72	100.0%
Amador	0	1,307	0.0%
Butte	22,843	48,440	47.2%
Calaveras	0	681	0.0%
Colusa	3,015	5,988	50.3%
Contra Costa	43,149	108,167	39.9%
Del Norte	139	139	100.0%
El Dorado	133	2,603	5.1%
Fresno	121,038	203,962	59.3%
Glenn	0	163	0.0%
Humboldt	0	4,420	0.0%
Imperial	0	0	0.0%
Inyo	174	9,085	1.9%
Kern	1,869	2,241	83.4%
Kings	0	0	0.0%
Lake	1,286	2,346	54.8%
Lassen	0	63	0.0%
Los Angeles	332,952	928,962	35.8%
Madera	1,139	1,694	67.2%
Marin	0	8,296	0.0%
Mariposa	0	41	0.0%
Mendocino	172	488	35.2%
Merced	44,599	71,593	62.3%
Modoc	61	456	13.5%
Mono	0	18	0.0%
Monterey	6,056	19,189	31.6%
Napa	3,438	16,139	21.3%
Nevada	0	2,194	0.0%
Orange	103,141	377,446	27.3%

Risk Analysis Results – Dam Failure (State Jurisdiction) – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	231	2,206	10.5%
Plumas	0	1,766	0.0%
Riverside	94,194	220,325	42.8%
Sacramento	657	11,668	5.6%
San Benito	0	266	0.0%
San Bernardino	70,424	104,307	67.5%
San Diego	54,217	199,247	27.2%
San Francisco	6,535	54,854	11.9%
San Joaquin	224,034	533,586	42.0%
San Luis Obispo	0	7,118	0.0%
San Mateo	9,833	122,618	8.0%
Santa Barbara	102	1,892	5.4%
Santa Clara	100,368	613,258	16.4%
Santa Cruz	6	7,913	0.1%
Shasta	2,694	18,866	14.3%
Sierra	0	15	0.0%
Siskiyou	599	1,072	55.8%
Solano	7,056	14,440	48.9%
Sonoma	2,990	27,396	10.9%
Stanislaus	216,466	450,484	48.1%
Sutter	43,611	94,739	46.0%
Tehama	2,736	3,055	89.6%
Trinity	0	61	0.0%
Tulare	4,367	5,940	73.5%
Tuolumne	0	500	0.0%
Ventura	113,668	266,445	42.7%
Yolo	14,788	24,327	60.8%
Yuba	29,048	52,283	55.6%
Total	1,756,718	5,027,019	34.9%

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Bridges by County

County	# of Bridges
Alameda	63
Alpine	1
Amador	9
Butte	44
Calaveras	6
Colusa	4
Contra Costa	11
Del Norte	0
El Dorado	11
Fresno	50
Glenn	13
Humboldt	3
Imperial	0
Inyo	10
Kern	4
Kings	0
Lake	1
Lassen	4
Los Angeles	164
Madera	4
Marin	11
Mariposa	1
Mendocino	2
Merced	33
Modoc	9
Mono	7
Monterey	34
Napa	9
Nevada	5
Orange	62

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Bridges by County

County	# of Bridges
Placer	10
Plumas	18
Riverside	73
Sacramento	21
San Benito	2
San Bernardino	64
San Diego	172
San Francisco	1
San Joaquin	186
San Luis Obispo	13
San Mateo	24
Santa Barbara	2
Santa Clara	166
Santa Cruz	5
Shasta	13
Sierra	0
Siskiyou	28
Solano	10
Sonoma	7
Stanislaus	70
Sutter	16
Tehama	10
Trinity	1
Tulare	3
Tuolumne	7
Ventura	46
Yolo	26
Yuba	21
Total	1590

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Dams by County

County	Number of State-Owned Dams
Alameda	0
Alpine	0
Amador	1
Butte	5
Calaveras	0
Colusa	0
Contra Costa	1
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	1
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	1
Yuba	0
Total	9

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	188	2103228	$79,249,251	$72,977,386	$152,226,636
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	65	523918	$11,006,106	$10,184,807	$21,190,914
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	252	340117	$8,993,022	$8,169,692	$17,162,714
CA Dept of Food and Agriculture	0	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	64	184756	$28,801,110	$34,867,052	$63,668,162
CA Dept of General Services	20	1300507	$129,534,260	$122,376,021	$251,910,280
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	6	426750	$51,675,434	$32,181,714	$83,857,148
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	19	195311	$47,206,944	$50,133,777	$97,340,720
CA Dept of Parks and Recreation	420	515621	$28,184,550	$27,826,604	$56,011,154
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	390	752114	$139,433,056	$123,322,342	$262,755,397
CA Dept of Veterans Affairs	13	301586	$67,465,510	$66,420,310	$133,885,820
CA Dept of Water Resources	7	139668	$18,271,732	$21,757,102	$40,028,835
CA Employment Development Department	3	69122	$738,838	$1,108,257	$1,847,095
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	1	17000	$2,082,310	$2,082,310	$4,164,620
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	24	100366	$22,947,368	$32,062,394	$55,009,762
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	1	10042	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	4	41138	$2,548,963	$2,548,963	$5,097,926
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	217	8137659	$493,435,687	$451,040,392	$944,476,079

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	1	21200	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	318	2119224	$516,242,503	$514,638,774	$1,030,881,278
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	14	1994587	$205,364,341	$212,182,443	$417,546,783
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	6	6684	$57,781	$28,891	$86,672
Santa Monica Mountains Conservancy	0	0	$0	$0	$0
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	2033	19300598	$1,853,238,764	$1,785,909,230	$3,639,147,994

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	5	$4,029,080	$5,481,641	$9,510,721
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	1	$3,716,239	$3,716,239	$7,432,477
CA Dept of Cannabis Control	1	$12,637,585	$12,637,585	$25,275,169
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	1	$15,198,612	$15,198,612	$30,397,225
CA Dept of Consumer Affairs	8	$22,818,380	$24,747,420	$47,565,800
CA Dept of Corrections and Rehabilitation	11	$46,924,933	$46,852,737	$93,777,670
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	3	$8,796,957	$8,796,957	$17,593,914
CA Dept of Fair Employment and Housing	2	$13,289,334	$14,193,831	$27,483,165
CA Dept of Financial Protection and Innovation	1	$19,214,034	$19,214,034	$38,428,068
CA Dept of Fish and Wildlife	43	$59,057,340	$56,126,742	$115,184,082
CA Dept of Food and Agriculture	14	$15,103,754	$14,704,834	$29,808,588

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	9	$6,117,549	$7,007,913	$13,125,462
CA Dept of General Services	2	$29,736,250	$29,736,250	$59,472,501
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	2	$18,763,002	$18,763,002	$37,526,003
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	11	$56,798,825	$64,893,832	$121,692,657
CA Dept of Insurance	2	$14,806,360	$15,979,449	$30,785,809
CA Dept of Justice	2	$13,867,168	$13,867,168	$27,734,335
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	28	$158,319,251	$146,427,485	$304,746,736
CA Dept of Parks and Recreation	2	$5,047,809	$5,047,809	$10,095,619
CA Dept of Pesticide Regulation	2	$16,147,235	$16,925,173	$33,072,409
CA Dept of Public Health	7	$41,400,995	$41,400,995	$82,801,991
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	9	$44,097,597	$44,854,286	$88,951,883
CA Dept of Resources Recycling and Recovery	1	$214,720	$214,720	$429,440
CA Dept of Social Services	16	$69,277,053	$70,013,181	$139,290,235
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	2	$16,140,863	$16,140,863	$32,281,727
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	6	$16,654,413	$16,423,066	$33,077,479
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	1	$1,483,294	$1,483,294	$2,966,588

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	17	$158,294,343	$159,096,342	$317,390,685
CA Franchise Tax Board	2	$20,887,609	$20,887,609	$41,775,219
CA Governor's Office of Emergency Services	7	$11,238,301	$11,054,974	$22,293,274
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	3	$1,864,534	$932,267	$2,796,802
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	5	$14,484,617	$14,484,617	$28,969,234
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	18	$39,075,920	$39,440,822	$78,516,742
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	2	$8,426,535	$8,426,535	$16,853,071
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	2	$4,024,225	$4,024,225	$8,048,450
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	2	$21,796,139	$23,087,191	$44,883,330
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	20	$52,677,466	$57,146,331	$109,823,797
California State Water Resources Control Board	2	$4,303,511	$6,246,900	$10,550,411
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	1	$789,576	$394,788	$1,184,364
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	275	$1,075,039,281	$1,083,589,590	$2,158,628,872

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	5	$4,029,080	$5,481,641	$9,510,721
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	1	$3,716,239	$3,716,239	$7,432,477
CA Dept of Cannabis Control	1	$12,637,585	$12,637,585	$25,275,169
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	1	$15,198,612	$15,198,612	$30,397,225
CA Dept of Consumer Affairs	8	$22,818,380	$24,747,420	$47,565,800
CA Dept of Corrections and Rehabilitation	199	$126,174,183	$119,830,123	$246,004,306

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	68	$19,803,063	$18,981,764	$38,784,828
CA Dept of Fair Employment and Housing	2	$13,289,334	$14,193,831	$27,483,165
CA Dept of Financial Protection and Innovation	1	$19,214,034	$19,214,034	$38,428,068
CA Dept of Fish and Wildlife	295	$68,050,362	$64,296,434	$132,346,796
CA Dept of Food and Agriculture	14	$15,103,754	$14,704,834	$29,808,588
CA Dept of Forestry and Fire Protection	73	$34,918,659	$41,874,964	$76,793,623
CA Dept of General Services	22	$159,270,510	$152,112,271	$311,382,781
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	2	$18,763,002	$18,763,002	$37,526,003
CA Dept of Housing & Community Development	6	$51,675,434	$32,181,714	$83,857,148
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	11	$56,798,825	$64,893,832	$121,692,657
CA Dept of Insurance	2	$14,806,360	$15,979,449	$30,785,809
CA Dept of Justice	2	$13,867,168	$13,867,168	$27,734,335
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	47	$205,526,194	$196,561,262	$402,087,456
CA Dept of Parks and Recreation	422	$33,232,359	$32,874,414	$66,106,773
CA Dept of Pesticide Regulation	2	$16,147,235	$16,925,173	$33,072,409
CA Dept of Public Health	7	$41,400,995	$41,400,995	$82,801,991
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	9	$44,097,597	$44,854,286	$88,951,883
CA Dept of Resources Recycling and Recovery	1	$214,720	$214,720	$429,440
CA Dept of Social Services	16	$69,277,053	$70,013,181	$139,290,235
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	2	$16,140,863	$16,140,863	$32,281,727
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	396	$156,087,469	$139,745,407	$295,832,876
CA Dept of Veterans Affairs	13	$67,465,510	$66,420,310	$133,885,820
CA Dept of Water Resources	8	$19,755,026	$23,240,396	$42,995,423
CA Employment Development Department	20	$159,033,181	$160,204,599	$319,237,780
CA Franchise Tax Board	2	$20,887,609	$20,887,609	$41,775,219
CA Governor's Office of Emergency Services	7	$11,238,301	$11,054,974	$22,293,274
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	3	$1,864,534	$932,267	$2,796,802

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	6	$16,566,927	$16,566,927	$33,133,854
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	42	$62,023,288	$71,503,216	$133,526,504
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	3	$8,426,535	$8,426,535	$16,853,071
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	6	$6,573,188	$6,573,188	$13,146,376
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	2	$21,796,139	$23,087,191	$44,883,330
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	237	$546,113,154	$508,186,723	$1,054,299,876
California State Water Resources Control Board	2	$4,303,511	$6,246,900	$10,550,411
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	1	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	318	$516,242,503	$514,638,774	$1,030,881,278
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	14	$205,364,341	$212,182,443	$417,546,783
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	1	$789,576	$394,788	$1,184,364
San Joaquin River Conservancy	6	$57,781	$28,891	$86,672
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	2308	$2,928,278,046	$2,869,498,820	$5,797,776,866

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	86	648581	$38,499,075	$40,884,315	$79,383,390
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	73	271755	$20,035,481	$24,566,701	$44,602,182
Calaveras	0	0	$0	$0	$0
Colusa	40	122602	$3,132,478	$3,132,478	$6,264,955
Contra Costa	37	145933	$17,965,636	$17,965,636	$35,931,272
Del Norte	0	0	$0	$0	$0
El Dorado	77	68476	$653,836	$326,918	$980,754
Fresno	222	2900198	$167,160,266	$149,430,958	$316,591,223
Glenn	7	13994	$0	$0	$0
Humboldt	7	17346	$0	$0	$0
Imperial	0	0	$0	$0	$0
Inyo	57	149118	$10,083,802	$10,439,660	$20,523,462
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	1	0			$0
Lassen	0	0	$0	$0	$0
Los Angeles	149	1836610	$126,920,233	$130,929,591	$257,849,824
Madera	4	3900	$0	$0	$0
Marin	46	25154	$4,140,980	$2,413,036	$6,554,016
Mariposa	0	0	$0	$0	$0
Mendocino	3	3389	$0	$0	$0
Merced	18	53314	$16,271,379	$8,135,689	$24,407,068
Modoc	0	0	$0	$0	$0
Mono	1	1486	$1,053,281	$1,579,921	$2,633,202
Monterey	15	12114	$36,615,002	$19,118,539	$55,733,541
Napa	40	175653	$12,793,001	$14,623,202	$27,416,203
Nevada	15	13485	$0	$0	$0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	62	683329	$40,358,088	$48,267,272	$88,625,360
Placer	2	1440	$26,627	$31,166	$57,793
Plumas	2	3080	$0	$0	$0
Riverside	32	205015	$24,006,980	$24,800,202	$48,807,182
Sacramento	2	18000	$2,202,132	$2,142,221	$4,344,353
San Benito	0	0	$0	$0	$0
San Bernardino	42	560184	$16,978,172	$16,978,172	$33,956,344
San Diego	244	1635203	$481,719,514	$465,135,510	$946,855,024
San Francisco	0	0	$0	$0	$0
San Joaquin	166	2003367	$153,302,338	$145,942,954	$299,245,292
San Luis Obispo	27	29539	$8,556,905	$11,668,785	$20,225,690
San Mateo	8	24339	$5,099,915	$6,140,381	$11,240,297
Santa Barbara	0	0	$0	$0	$0
Santa Clara	104	4990179	$498,456,867	$469,870,906	$968,327,772
Santa Cruz	44	99084	$3,500,532	$3,500,532	$7,001,063
Shasta	21	37925	$134,656	$67,328	$201,984
Sierra	0	0	$0	$0	$0
Siskiyou	30	43823	$2,666,061	$3,805,671	$6,471,733
Solano	14	15662	$0	$0	$0
Sonoma	12	128730	$11,902,338	$11,902,338	$23,804,675
Stanislaus	138	1556444	$77,937,428	$81,894,680	$159,832,108
Sutter	47	322403	$22,380,565	$25,172,168	$47,552,733
Tehama	12	4064	$300,277	$241,680	$541,958
Trinity	0	0	$0	$0	$0
Tulare	0	0	$0	$0	$0
Tuolumne	16	26086	$0	$0	$0
Ventura	66	57755	$4,239,140	$3,970,435	$8,209,575
Yolo	13	137809	$23,248,467	$19,932,872	$43,181,339
Yuba	31	254030	$20,897,314	$20,897,314	$41,794,628

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	2033	19300598	$1,853,238,764	$1,785,909,230	$3,639,147,994

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	8	$99,463,271	$99,463,271	$198,926,542
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	22	$52,265,546	$53,348,537	$105,614,083
Calaveras	0	$0	$0	$0
Colusa	1	$8,603,568	$8,603,568	$17,207,136
Contra Costa	2	$5,561,178	$5,488,982	$11,050,160
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	29	$181,504,811	$187,785,378	$369,290,189
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	10	$17,281,385	$15,872,749	$33,154,134
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	1	$22,534,869	$11,267,435	$33,802,304
Lassen	0	$0	$0	$0
Los Angeles	25	$152,191,551	$150,769,166	$302,960,718
Madera	0	$0	$0	$0
Marin	2	$1,001,112	$1,001,112	$2,002,223
Mariposa	0	$0	$0	$0
Mendocino	1	$5,194,529	$5,194,529	$10,389,057

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	2	$2,305,626	$3,458,438	$5,764,064
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	4	$1,850,975	$1,736,525	$3,587,501
Napa	3	$8,681,289	$8,602,808	$17,284,098
Nevada	0	$0	$0	$0
Orange	8	$60,217,084	$60,217,084	$120,434,168
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	8	$15,885,764	$16,642,453	$32,528,217
Sacramento	6	$158,264	$79,132	$237,397
San Benito	0	$0	$0	$0
San Bernardino	14	$43,990,427	$43,990,427	$87,980,855
San Diego	22	$116,561,113	$124,501,619	$241,062,732
San Francisco	0	$0	$0	$0
San Joaquin	22	$67,047,395	$78,519,051	$145,566,446
San Luis Obispo	1	$198,556	$198,556	$397,111
San Mateo	2	$18,917,562	$18,917,562	$37,835,124
Santa Barbara	0	$0	$0	$0
Santa Clara	26	$72,578,611	$76,785,415	$149,364,026
Santa Cruz	2	$1,773,589	$886,794	$2,660,383
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	2	$359,661	$539,492	$899,153
Solano	7	$5,753,057	$5,753,057	$11,506,113
Sonoma	4	$1,250,204	$1,250,204	$2,500,407
Stanislaus	15	$33,108,955	$27,758,434	$60,867,389
Sutter	2	$2,052,943	$2,052,943	$4,105,885
Tehama	2	$2,573,639	$2,573,639	$5,147,278

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	2	$1,321,652	$1,321,652	$2,643,304
Tuolumne	0	$0	$0	$0
Ventura	15	$41,365,062	$37,623,216	$78,988,278
Yolo	2	$28,151,030	$28,051,360	$56,202,390
Yuba	3	$3,335,004	$3,335,004	$6,670,008
Total	275	$1,075,039,281	$1,083,589,590	$2,158,628,872

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	94	$137,962,346	$140,347,586	$278,309,932
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	95	$72,301,027	$77,915,237	$150,216,264
Calaveras	0	$0	$0	$0
Colusa	41	$11,736,046	$11,736,046	$23,472,091
Contra Costa	39	$23,526,814	$23,454,618	$46,981,432
Del Norte	0	$0	$0	$0
El Dorado	77	$653,836	$326,918	$980,754
Fresno	251	$348,665,077	$337,216,336	$685,881,413
Glenn	7	$0	$0	$0
Humboldt	7	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	67	$27,365,187	$26,312,409	$53,677,596
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	2	$22,534,869	$11,267,435	$33,802,304

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	174	$279,111,785	$281,698,757	$560,810,542
Madera	4	$0	$0	$0
Marin	48	$5,142,092	$3,414,148	$8,556,240
Mariposa	0	$0	$0	$0
Mendocino	4	$5,194,529	$5,194,529	$10,389,057
Merced	20	$18,577,004	$11,594,128	$30,171,132
Modoc	0	$0	$0	$0
Mono	1	$1,053,281	$1,579,921	$2,633,202
Monterey	19	$38,465,978	$20,855,064	$59,321,041
Napa	43	$21,474,291	$23,226,010	$44,700,301
Nevada	15	$0	$0	$0
Orange	70	$100,575,172	$108,484,356	$209,059,528
Placer	2	$26,627	$31,166	$57,793
Plumas	2	$0	$0	$0
Riverside	40	$39,892,744	$41,442,655	$81,335,399
Sacramento	8	$2,360,396	$2,221,353	$4,581,750
San Benito	0	$0	$0	$0
San Bernardino	56	$60,968,599	$60,968,599	$121,937,198
San Diego	266	$598,280,626	$589,637,130	$1,187,917,756
San Francisco	0	$0	$0	$0
San Joaquin	188	$220,349,733	$224,462,005	$444,811,738
San Luis Obispo	28	$8,755,461	$11,867,341	$20,622,801
San Mateo	10	$24,017,477	$25,057,943	$49,075,421
Santa Barbara	0	$0	$0	$0
Santa Clara	130	$571,035,478	$546,656,320	$1,117,691,798
Santa Cruz	46	$5,274,120	$4,387,326	$9,661,446
Shasta	21	$134,656	$67,328	$201,984
Sierra	0	$0	$0	$0

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	32	$3,025,723	$4,345,163	$7,370,886
Solano	21	$5,753,057	$5,753,057	$11,506,113
Sonoma	16	$13,152,541	$13,152,541	$26,305,083
Stanislaus	153	$111,046,383	$109,653,114	$220,699,497
Sutter	49	$24,433,507	$27,225,111	$51,658,618
Tehama	14	$2,873,917	$2,815,320	$5,689,236
Trinity	0	$0	$0	$0
Tulare	2	$1,321,652	$1,321,652	$2,643,304
Tuolumne	16	$0	$0	$0
Ventura	81	$45,604,202	$41,593,651	$87,197,853
Yolo	15	$51,399,497	$47,984,232	$99,383,729
Yuba	34	$24,232,318	$24,232,318	$48,464,636
Total	2308	$2,928,278,046	$2,869,498,820	$5,797,776,866

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	188	2103228	$79,249,251	$72,977,386	$152,226,636
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	6	426750	$51,675,434	$32,181,714	$83,857,148
Special School	64	510744	$10,729,356	$9,928,709	$20,658,065
Other Facility	1775	16259876	$1,711,584,724	$1,670,821,422	$3,382,406,146
Total	2033	19300598	$1,853,238,764	$1,785,909,230	$3,639,147,994

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Highways by County

County	Miles of Highway
Alameda	83.6
Alpine	2.7
Amador	8.1
Butte	127.2
Calaveras	5.7
Colusa	22.4
Contra Costa	24.8
Del Norte	0.8
El Dorado	17.8
Fresno	42.9
Glenn	11.1
Humboldt	4.9
Imperial	0.0
Inyo	63.8
Kern	7.3
Kings	0.0
Lake	10.3
Lassen	4.0
Los Angeles	119.1
Madera	1.0
Marin	14.0
Mariposa	0.6
Mendocino	9.4
Merced	105.7
Modoc	13.7
Mono	30.0
Monterey	61.7
Napa	20.6
Nevada	5.7
Orange	55.3

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Highways by County

County	Miles of Highway
Placer	16.8
Plumas	74.5
Riverside	58.6
Sacramento	75.9
San Benito	0.9
San Bernardino	39.9
San Diego	131.8
San Francisco	0.3
San Joaquin	246.9
San Luis Obispo	18.2
San Mateo	28.7
Santa Barbara	4.0
Santa Clara	104.3
Santa Cruz	6.1
Shasta	14.6
Sierra	0.0
Siskiyou	109.7
Solano	20.7
Sonoma	7.3
Stanislaus	170.5
Sutter	107.7
Tehama	7.2
Trinity	3.1
Tulare	13.5
Tuolumne	13.6
Ventura	95.1
Yolo	87.2
Yuba	73.8
Total	2405.3

Risk Analysis Results – Dam Failure (State Jurisdiction) – State Water Project by Branch

County	Number of State-Owned Dams
California Aqueduct	6.1
Coastal Branch	4.4
East Branch	18.0
East Branch Extension	5.8
North Bay Aqueduct	2.8
Oroville	3.7
South Bay Aqueduct	6.0
West Branch	0.0
Total	46.8

Risk Analysis Results for Whittier Dam Failure

Risk Analysis Results – Whittier Dam Failure – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	0	83,922	0.0%
Alpine	0	50,861	0.0%
Amador	0	97,686	0.0%
Butte	0	88,320	0.0%
Calaveras	0	124,320	0.0%
Colusa	0	39,975	0.0%
Contra Costa	0	28,731	0.0%
Del Norte	0	10,802	0.0%
El Dorado	0	184,442	0.0%
Fresno	0	51,792	0.0%
Glenn	0	2,085	0.0%
Humboldt	0	78,482	0.0%
Imperial	0	710,020	0.0%
Inyo	0	246,441	0.0%
Kern	0	1,014,386	0.0%
Kings	0	8,907	0.0%
Lake	0	82,544	0.0%
Lassen	0	180,689	0.0%
Los Angeles	8,108	911,564	0.9%
Madera	0	41,190	0.0%
Marin	0	24,696	0.0%
Mariposa	0	228,533	0.0%
Mendocino	0	855,474	0.0%
Merced	0	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	0	130,547	0.0%
Monterey	0	92,667	0.0%
Napa	0	169,772	0.0%
Nevada	0	146,358	0.0%

Risk Analysis Results – Whittier Dam Failure – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	1,794	151,777	1.2%
Placer	0	122,653	0.0%
Plumas	0	60,257	0.0%
Riverside	0	1,065,179	0.0%
Sacramento	0	75,501	0.0%
San Benito	0	8,877	0.0%
San Bernardino	0	1,734,287	0.0%
San Diego	0	522,630	0.0%
San Francisco	0	4,245	0.0%
San Joaquin	0	28,214	0.0%
San Luis Obispo	0	733,458	0.0%
San Mateo	0	32,801	0.0%
Santa Barbara	0	28,657	0.0%
Santa Clara	0	43,054	0.0%
Santa Cruz	0	40,770	0.0%
Shasta	0	381,315	0.0%
Sierra	0	35,361	0.0%
Siskiyou	0	508,754	0.0%
Solano	0	55,831	0.0%
Sonoma	0	57,738	0.0%
Stanislaus	0	14,179	0.0%
Sutter	0	2,369	0.0%
Tehama	0	84,053	0.0%
Trinity	0	116,464	0.0%
Tulare	0	6,847	0.0%
Tuolumne	0	70,255	0.0%
Ventura	0	31,804	0.0%
Yolo	0	40,856	0.0%
Yuba	0	30,685	0.0%

Risk Analysis Results – Whittier Dam Failure – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	9,902	11,788,962	0.1%

Risk Analysis Results – Whittier Dam Failure – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	0	0	0	0	0	0	0
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	0	0	0	0	0	0	0
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	0	0	0	0	0	0	0
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	0	0
Imperial	0	0	0	0	0	0	0	0
Inyo	0	0	0	0	0	0	0	0
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	0	0	0	0	0	0	0	0
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	0	0	0	0
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Whittier Dam Failure – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	0	0	0	0	0	0
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	0	0	0	0	0	0
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0	0	0
San Diego	0	0	0	0	0	0	0	0
San Francisco	0	0	0	0	0	0	0	0
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	0	0	0	0	0	0	0	0
San Mateo	0	0	0	0	0	0	0	0
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	0	0	0	0	0	0	0	0
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	0	0
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	0	0	0	0	0	0	0
Yolo	0	0	0	0	0	0	0	0

Risk Analysis Results – Whittier Dam Failure – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Risk Analysis Results – Whittier Dam Failure – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	$0	$0	$0	$0	$0	$0	$0
Alpine	$0	$0	$0	$0	$0	$0	$0
Amador	$0	$0	$0	$0	$0	$0	$0
Butte	$0	$0	$0	$0	$0	$0	$0
Calaveras	$0	$0	$0	$0	$0	$0	$0
Colusa	$0	$0	$0	$0	$0	$0	$0
Contra Costa	$0	$0	$0	$0	$0	$0	$0
Del Norte	$0	$0	$0	$0	$0	$0	$0
El Dorado	$0	$0	$0	$0	$0	$0	$0
Fresno	$0	$0	$0	$0	$0	$0	$0
Glenn	$0	$0	$0	$0	$0	$0	$0
Humboldt	$0	$0	$0	$0	$0	$0	$0
Imperial	$0	$0	$0	$0	$0	$0	$0
Inyo	$0	$0	$0	$0	$0	$0	$0
Kern	$0	$0	$0	$0	$0	$0	$0
Kings	$0	$0	$0	$0	$0	$0	$0
Lake	$0	$0	$0	$0	$0	$0	$0
Lassen	$0	$0	$0	$0	$0	$0	$0
Los Angeles	$0	$0	$0	$0	$0	$0	$0
Madera	$0	$0	$0	$0	$0	$0	$0
Marin	$0	$0	$0	$0	$0	$0	$0
Mariposa	$0	$0	$0	$0	$0	$0	$0
Mendocino	$0	$0	$0	$0	$0	$0	$0
Merced	$0	$0	$0	$0	$0	$0	$0
Modoc	$0	$0	$0	$0	$0	$0	$0
Mono	$0	$0	$0	$0	$0	$0	$0
Monterey	$0	$0	$0	$0	$0	$0	$0
Napa	$0	$0	$0	$0	$0	$0	$0
Nevada	$0	$0	$0	$0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Orange	$0	$0	$0	$0	$0	$0	$0
Placer	$0	$0	$0	$0	$0	$0	$0
Plumas	$0	$0	$0	$0	$0	$0	$0
Riverside	$0	$0	$0	$0	$0	$0	$0
Sacramento	$0	$0	$0	$0	$0	$0	$0
San Benito	$0	$0	$0	$0	$0	$0	$0
San Bernardino	$0	$0	$0	$0	$0	$0	$0
San Diego	$0	$0	$0	$0	$0	$0	$0
San Francisco	$0	$0	$0	$0	$0	$0	$0
San Joaquin	$0	$0	$0	$0	$0	$0	$0
San Luis Obispo	$0	$0	$0	$0	$0	$0	$0
San Mateo	$0	$0	$0	$0	$0	$0	$0
Santa Barbara	$0	$0	$0	$0	$0	$0	$0
Santa Clara	$0	$0	$0	$0	$0	$0	$0
Santa Cruz	$0	$0	$0	$0	$0	$0	$0
Shasta	$0	$0	$0	$0	$0	$0	$0
Sierra	$0	$0	$0	$0	$0	$0	$0
Siskiyou	$0	$0	$0	$0	$0	$0	$0
Solano	$0	$0	$0	$0	$0	$0	$0
Sonoma	$0	$0	$0	$0	$0	$0	$0
Stanislaus	$0	$0	$0	$0	$0	$0	$0
Sutter	$0	$0	$0	$0	$0	$0	$0
Tehama	$0	$0	$0	$0	$0	$0	$0
Trinity	$0	$0	$0	$0	$0	$0	$0
Tulare	$0	$0	$0	$0	$0	$0	$0
Tuolumne	$0	$0	$0	$0	$0	$0	$0
Ventura	$0	$0	$0	$0	$0	$0	$0
Yolo	$0	$0	$0	$0	$0	$0	$0
Yuba	$0	$0	$0	$0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	0	0	0.0%
Alpine	0	0	0.0%
Amador	0	0	0.0%
Butte	0	0	0.0%
Calaveras	0	0	0.0%
Colusa	0	0	0.0%
Contra Costa	0	0	0.0%
Del Norte	0	0	0.0%
El Dorado	0	0	0.0%
Fresno	0	0	0.0%
Glenn	0	0	0.0%
Humboldt	0	0	0.0%
Imperial	0	0	0.0%
Inyo	0	0	0.0%
Kern	0	0	0.0%
Kings	0	0	0.0%
Lake	0	0	0.0%
Lassen	0	0	0.0%
Los Angeles	405238	926914	43.7%
Madera	0	0	0.0%
Marin	0	0	0.0%
Mariposa	0	0	0.0%
Mendocino	0	0	0.0%
Merced	0	0	0.0%
Modoc	0	0	0.0%
Mono	0	0	0.0%
Monterey	0	0	0.0%
Napa	0	0	0.0%
Nevada	0	0	0.0%
Orange	0	50664	0.0%

Risk Analysis Results – Whittier Dam Failure – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	0	0.0%
Plumas	0	0	0.0%
Riverside	0	0	0.0%
Sacramento	0	0	0.0%
San Benito	0	0	0.0%
San Bernardino	0	0	0.0%
San Diego	0	0	0.0%
San Francisco	0	0	0.0%
San Joaquin	0	0	0.0%
San Luis Obispo	0	0	0.0%
San Mateo	0	0	0.0%
Santa Barbara	0	0	0.0%
Santa Clara	0	0	0.0%
Santa Cruz	0	0	0.0%
Shasta	0	0	0.0%
Sierra	0	0	0.0%
Siskiyou	0	0	0.0%
Solano	0	0	0.0%
Sonoma	0	0	0.0%
Stanislaus	0	0	0.0%
Sutter	0	0	0.0%
Tehama	0	0	0.0%
Trinity	0	0	0.0%
Tulare	0	0	0.0%
Tuolumne	0	0	0.0%
Ventura	0	0	0.0%
Yolo	0	0	0.0%
Yuba	0	0	0.0%
Total	405238	977578	41.5%

Risk Analysis Results – Whittier Dam Failure – State Bridges by County

County	# of Bridges
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	167
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	18

Risk Analysis Results – Whittier Dam Failure – State Bridges by County

County	# of Bridges
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	185

Risk Analysis Results – Whittier Dam Failure – State Dams by County

County	Number of State-Owned Dams
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	0
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – Whittier Dam Failure – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	26	166767	$0	$0	$0
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	0	0	$0	$0	$0
CA Dept of Food and Agriculture	62	78972	$25,734,109	$25,734,109	$51,468,217
CA Dept of Forestry and Fire Protection	0	0	$0	$0	$0
CA Dept of General Services	0	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	0	0	$0	$0	$0
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	2	24844	$2,950,861	$1,475,431	$4,426,292
CA Dept of Parks and Recreation	5	11050	$3,348,258	$2,367,046	$5,715,305
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	11	5160	$0	$0	$0
CA Dept of Veterans Affairs	0	0	$0	$0	$0
CA Dept of Water Resources	0	0	$0	$0	$0
CA Employment Development Department	0	0	$0	$0	$0
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	0	0	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	1	8667	$2,660,780	$3,991,170	$6,651,950
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	0	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	43	3269869	$39,975,514	$30,446,225	$70,421,739

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	0	0	$0	$0	$0
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	0	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	0	$0	$0	$0
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	150	3565329	$74,669,522	$64,013,981	$138,683,503

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	2	$13,636,926	$13,636,926	$27,273,851
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	1	$12,265,187	$12,265,187	$24,530,373
CA Dept of Consumer Affairs	2	$7,852,573	$8,369,628	$16,222,201
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	2	$37,522,906	$37,522,906	$75,045,812
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	1	$5,128,928	$5,128,928	$10,257,856
CA Dept of Food and Agriculture	1	$6,119,812	$6,119,812	$12,239,623

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	1	$12,265,187	$12,265,187	$24,530,373
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	0	$0	$0	$0
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	2	$21,253,191	$23,675,057	$44,928,248
CA Dept of Parks and Recreation	1	$296,628	$148,314	$444,942
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	1	$16,409,460	$16,409,460	$32,818,920
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	1	$6,818,463	$6,818,463	$13,636,926
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	3	$8,861,930	$8,985,164	$17,847,094
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	3	$17,292,761	$17,292,761	$34,585,522
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	1	$16,409,460	$16,409,460	$32,818,920
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	0	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	9	$1,366,144	$1,167,781	$2,533,925
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	31	$183,499,555	$186,215,032	$369,714,587

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	2	$13,636,926	$13,636,926	$27,273,851
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	1	$12,265,187	$12,265,187	$24,530,373
CA Dept of Consumer Affairs	2	$7,852,573	$8,369,628	$16,222,201
CA Dept of Corrections and Rehabilitation	26	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	2	$37,522,906	$37,522,906	$75,045,812
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	1	$5,128,928	$5,128,928	$10,257,856
CA Dept of Food and Agriculture	63	$31,853,920	$31,853,920	$63,707,841
CA Dept of Forestry and Fire Protection	1	$12,265,187	$12,265,187	$24,530,373
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	0	$0	$0	$0
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	4	$24,204,052	$25,150,487	$49,354,540
CA Dept of Parks and Recreation	6	$3,644,887	$2,515,361	$6,160,247
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	1	$16,409,460	$16,409,460	$32,818,920
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	1	$6,818,463	$6,818,463	$13,636,926
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	14	$8,861,930	$8,985,164	$17,847,094
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0
CA Employment Development Department	3	$17,292,761	$17,292,761	$34,585,522
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	1	$16,409,460	$16,409,460	$32,818,920
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	1	$2,660,780	$3,991,170	$6,651,950
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	52	$41,341,658	$31,614,006	$72,955,664
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	181	$258,169,077	$250,229,013	$508,398,090

Risk Analysis Results – Whittier Dam Failure – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	0	$0	$0	$0
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	0	0	$0	$0	$0
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	0	0	$0	$0	$0
Del Norte	0	0	$0	$0	$0
El Dorado	0	0	$0	$0	$0
Fresno	0	0	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	0	0	$0	$0	$0
Imperial	0	0	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	0	0	$0	$0	$0
Lassen	0	0	$0	$0	$0
Los Angeles	88	3486357	$48,935,413	$38,279,872	$87,215,286
Madera	0	0	$0	$0	$0
Marin	0	0	$0	$0	$0
Mariposa	0	0	$0	$0	$0
Mendocino	0	0	$0	$0	$0
Merced	0	0	$0	$0	$0
Modoc	0	0	$0	$0	$0
Mono	0	0	$0	$0	$0
Monterey	0	0	$0	$0	$0
Napa	0	0	$0	$0	$0
Nevada	0	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	62	78972	$25,734,109	$25,734,109	$51,468,217
Placer	0	0	$0	$0	$0
Plumas	0	0	$0	$0	$0
Riverside	0	0	$0	$0	$0
Sacramento	0	0	$0	$0	$0
San Benito	0	0	$0	$0	$0
San Bernardino	0	0	$0	$0	$0
San Diego	0	0	$0	$0	$0
San Francisco	0	0	$0	$0	$0
San Joaquin	0	0	$0	$0	$0
San Luis Obispo	0	0	$0	$0	$0
San Mateo	0	0	$0	$0	$0
Santa Barbara	0	0	$0	$0	$0
Santa Clara	0	0	$0	$0	$0
Santa Cruz	0	0	$0	$0	$0
Shasta	0	0	$0	$0	$0
Sierra	0	0	$0	$0	$0
Siskiyou	0	0	$0	$0	$0
Solano	0	0	$0	$0	$0
Sonoma	0	0	$0	$0	$0
Stanislaus	0	0	$0	$0	$0
Sutter	0	0	$0	$0	$0
Tehama	0	0	$0	$0	$0
Trinity	0	0	$0	$0	$0
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	0	0	$0	$0	$0
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	150	3565329	$74,669,522	$64,013,981	$138,683,503

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	31	$183,499,555	$186,215,032	$369,714,587
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	0	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	31	$183,499,555	$186,215,032	$369,714,587

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	119	$232,434,968	$224,494,905	$456,929,872
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	62	$25,734,109	$25,734,109	$51,468,217
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0

Risk Analysis Results – Whittier Dam Failure – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	0	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	181	$258,169,077	$250,229,013	$508,398,090

Risk Analysis Results – Whittier Dam Failure – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	26	166767	$0	$0	$0
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	0	0	$0	$0	$0
Special School	0	0	$0	$0	$0
Other Facility	124	3398562	$74,669,522	$64,013,981	$138,683,503
Total	150	3565329	$74,669,522	$64,013,981	$138,683,503

Risk Analysis Results – Whittier Dam Failure – State Highways by County

County	Miles of Highway
Alameda	0.0
Alpine	0.0
Amador	0.0
Butte	0.0
Calaveras	0.0
Colusa	0.0
Contra Costa	0.0
Del Norte	0.0
El Dorado	0.0
Fresno	0.0
Glenn	0.0
Humboldt	0.0
Imperial	0.0
Inyo	0.0
Kern	0.0
Kings	0.0
Lake	0.0
Lassen	0.0
Los Angeles	85.7
Madera	0.0
Marin	0.0
Mariposa	0.0
Mendocino	0.0
Merced	0.0
Modoc	0.0
Mono	0.0
Monterey	0.0
Napa	0.0
Nevada	0.0
Orange	8.1

Risk Analysis Results – Whittier Dam Failure – State Highways by County

County	Miles of Highway
Placer	0.0
Plumas	0.0
Riverside	0.0
Sacramento	0.0
San Benito	0.0
San Bernardino	0.0
San Diego	0.0
San Francisco	0.0
San Joaquin	0.0
San Luis Obispo	0.0
San Mateo	0.0
Santa Barbara	0.0
Santa Clara	0.0
Santa Cruz	0.0
Shasta	0.0
Sierra	0.0
Siskiyou	0.0
Solano	0.0
Sonoma	0.0
Stanislaus	0.0
Sutter	0.0
Tehama	0.0
Trinity	0.0
Tulare	0.0
Tuolumne	0.0
Ventura	0.0
Yolo	0.0
Yuba	0.0
Total	93.8

Risk Analysis Results – Whittier Dam Failure – State Water Project by Branch

County	Miles of Canals & Pipelines
California Aqueduct	0.0
Coastal Branch	0.0
East Branch	0.0
East Branch Extension	0.0
North Bay Aqueduct	0.0
Oroville	0.0
South Bay Aqueduct	0.0
West Branch	0.0
Total	0.0

Risk Analysis Results for Earthquake Liquefaction Zones

Risk Analysis Results – Earthquake Liquefaction Zones – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	5,647	83,922	6.7%
Alpine	0	50,861	0.0%
Amador	0	97,686	0.0%
Butte	0	88,320	0.0%
Calaveras	0	124,320	0.0%
Colusa	0	39,975	0.0%
Contra Costa	6,606	28,731	23.0%
Del Norte	0	10,802	0.0%
El Dorado	0	184,442	0.0%
Fresno	0	51,792	0.0%
Glenn	0	2,085	0.0%
Humboldt	0	78,482	0.0%
Imperial	0	710,020	0.0%
Inyo	0	246,441	0.0%
Kern	0	1,014,386	0.0%
Kings	0	8,907	0.0%
Lake	0	82,544	0.0%
Lassen	0	180,689	0.0%
Los Angeles	84,391	911,564	9.3%
Madera	0	41,190	0.0%
Marin	0	24,696	0.0%
Mariposa	0	228,533	0.0%
Mendocino	0	855,474	0.0%
Merced	0	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	0	130,547	0.0%
Monterey	0	92,667	0.0%
Napa	0	169,772	0.0%
Nevada	0	146,358	0.0%

Risk Analysis Results – Earthquake Liquefaction Zones – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	23,287	151,777	15.3%
Placer	0	122,653	0.0%
Plumas	0	60,257	0.0%
Riverside	7,017	1,065,179	0.7%
Sacramento	0	75,501	0.0%
San Benito	0	8,877	0.0%
San Bernardino	38	1,734,287	0.0%
San Diego	0	522,630	0.0%
San Francisco	986	4,245	23.2%
San Joaquin	2	28,214	0.0%
San Luis Obispo	0	733,458	0.0%
San Mateo	4,329	32,801	13.2%
Santa Barbara	2	28,657	0.0%
Santa Clara	5,184	43,054	12.0%
Santa Cruz	0	40,770	0.0%
Shasta	0	381,315	0.0%
Sierra	0	35,361	0.0%
Siskiyou	0	508,754	0.0%
Solano	0	55,831	0.0%
Sonoma	0	57,738	0.0%
Stanislaus	0	14,179	0.0%
Sutter	0	2,369	0.0%
Tehama	0	84,053	0.0%
Trinity	0	116,464	0.0%
Tulare	0	6,847	0.0%
Tuolumne	0	70,255	0.0%
Ventura	6,403	31,804	20.1%
Yolo	0	40,856	0.0%
Yuba	0	30,685	0.0%

Risk Analysis Results – Earthquake Liquefaction Zones – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	143,890	11,788,962	1.2%

Risk Analysis Results – Earthquake Liquefaction Zones – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	1	4	2	1	0	8	16
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	5	1	4	0	0	0	10
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	0	0	0	0	0	0	0
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	0	0
Imperial	0	0	0	0	0	0	0	0
Inyo	0	0	0	0	0	0	0	0
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	4	18	13	4	4	3	23	69
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	0	0	0	0
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Earthquake Liquefaction Zones – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	3	8	2	2	1	0	16
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	1	0	0	0	0	1
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0	0	0
San Diego	0	0	0	0	0	0	0	0
San Francisco	0	0	2	0	2	0	4	8
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	0	0	0	0	0	0	0	0
San Mateo	0	1	1	0	0	1	1	4
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	9	3	3	0	0	1	3	19
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	0	0
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	1	4	0	0	0	1	6
Yolo	0	0	0	0	0	0	0	0

Risk Analysis Results – Earthquake Liquefaction Zones – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	13	32	37	12	9	6	40	149

Risk Analysis Results – Earthquake Liquefaction Zones – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	$500.0 Million to $1.0 Billion	$2.5 Billion to Greater Than $3.1 Billion	$200.0 Million to $1.0 Billion	$1.0 Billion to Greater Than $1.0 Billion	-	$1.3 Billion to Greater Than $2.9 Billion
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	$900.0 Million to $3.0 Billion	$10.0 Million to $100.0 Million	$1.2 Billion to Greater Than $2.1 Billion	-	-	-
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-
Imperial	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-
Kern	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	$620.0 Million to $1.7 Billion	$7.9 Billion to Greater Than $12.6 Billion	$2.5 Billion to Greater Than $5.6 Billion	$310.0 Million to $1.6 Billion	$4.0 Billion to Greater Than $4.0 Billion	$210.0 Million to $1.1 Billion	$5.0 Billion to Greater Than $11.3 Billion
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-

Risk Analysis Results – Earthquake Liquefaction Zones – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	$210.0 Million to $1.1 Billion	$2.3 Billion to Greater Than $4.7 Billion	$200.0 Million to $1.0 Billion	$10.0 Million to $110.0 Million	$0 to $10.0 Million	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	-	$10.0 Million to $100.0 Million	-	-	-	-
Sacramento	-	-	-	-	-	-	-
San Benito	-	-	-	-	-	-	-
San Bernardino	-	-	-	-	-	-	-
San Diego	-	-	-	-	-	-	-
San Francisco	-	-	$510.0 Million to $1.1 Billion	-	$1.0 Billion to Greater Than $1.1 Billion	-	$1.7 Billion to Greater Than $3.0 Billion
San Joaquin	-	-	-	-	-	-	-
San Luis Obispo	-	-	-	-	-	-	-
San Mateo	-	$10.0 Million to $100.0 Million	$500.0 Million to $1.0 Billion	-	-	$100.0 Million to $500.0 Million	$100.0 Million to $500.0 Million
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	$1.1 Billion to $4.2 Billion	$210.0 Million to $1.1 Billion	$1.1 Billion to Greater Than $1.6 Billion	-	-	$10.0 Million to $100.0 Million	$1.1 Billion to Greater Than $1.6 Billion

Risk Analysis Results – Earthquake Liquefaction Zones – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	$100.0 Million to $500.0 Million	$40.0 Million to $400.0 Million	-	-	-	$1.0 Billion to Greater Than $1.0 Billion
Yolo	-	-	-	-	-	-	-
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – Earthquake Liquefaction Zones – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	143,700	861,343	16.7%
Alpine	0	0	0.0%
Amador	0	0	0.0%
Butte	0	0	0.0%
Calaveras	0	0	0.0%
Colusa	0	0	0.0%
Contra Costa	37,186	187,312	19.9%
Del Norte	0	0	0.0%
El Dorado	0	0	0.0%
Fresno	0	0	0.0%
Glenn	0	0	0.0%
Humboldt	0	0	0.0%
Imperial	0	0	0.0%
Inyo	0	0	0.0%
Kern	0	0	0.0%
Kings	0	0	0.0%
Lake	0	0	0.0%
Lassen	0	0	0.0%
Los Angeles	1,632,771	3,421,293	47.7%
Madera	0	0	0.0%
Marin	0	0	0.0%
Mariposa	0	0	0.0%
Mendocino	0	0	0.0%
Merced	0	0	0.0%
Modoc	0	0	0.0%
Mono	0	0	0.0%
Monterey	0	0	0.0%
Napa	0	0	0.0%
Nevada	0	0	0.0%
Orange	512,036	1,395,783	36.7%

Risk Analysis Results – Earthquake Liquefaction Zones – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	0	0.0%
Plumas	0	0	0.0%
Riverside	0	39,164	0.0%
Sacramento	0	0	0.0%
San Benito	0	0	0.0%
San Bernardino	0	212	0.0%
San Diego	0	3	0.0%
San Francisco	16,873	110,227	15.3%
San Joaquin	0	0	0.0%
San Luis Obispo	0	0	0.0%
San Mateo	45,565	296,920	15.3%
Santa Barbara	0	50	0.0%
Santa Clara	166,427	892,366	18.7%
Santa Cruz	0	0	0.0%
Shasta	0	0	0.0%
Sierra	0	0	0.0%
Siskiyou	0	0	0.0%
Solano	0	0	0.0%
Sonoma	0	0	0.0%
Stanislaus	0	0	0.0%
Sutter	0	0	0.0%
Tehama	0	0	0.0%
Trinity	0	0	0.0%
Tulare	0	0	0.0%
Tuolumne	0	0	0.0%
Ventura	152,948	397,421	38.5%
Yolo	0	0	0.0%
Yuba	0	0	0.0%
Total	2,707,505	7,602,095	35.6%

Risk Analysis Results – Earthquake Liquefaction Zones – State Bridges by County

County	# of Bridges
Alameda	309
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	32
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	961
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	328

Risk Analysis Results – Earthquake Liquefaction Zones – State Bridges by County

County	# of Bridges
Placer	0
Plumas	0
Riverside	17
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	33
San Joaquin	0
San Luis Obispo	0
San Mateo	114
Santa Barbara	0
Santa Clara	310
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	172
Yolo	0
Yuba	0
Total	2276

Risk Analysis Results – Earthquake Liquefaction Zones – State Dams by County

County	Number of State-Owned Dams
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	1
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	0
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – Earthquake Liquefaction Zones – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	1

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	1	54,000	$6,708,484	$6,708,484	$13,416,969
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	68	482,198	$33,750,554	$26,291,181	$60,041,735
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	65	523,918	$11,006,106	$10,184,807	$21,190,914
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	27	38,004	$3,353,591	$1,914,805	$5,268,395
CA Dept of Food and Agriculture	63	88,898	$27,426,771	$27,426,771	$54,853,543
CA Dept of Forestry and Fire Protection	4	62,613	$7,020,760	$4,687,204	$11,707,964
CA Dept of General Services	3	242,746	$31,818,003	$31,818,003	$63,636,006
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	0	0	$0	$0	$0
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	22	294,191	$42,075,630	$41,904,957	$83,980,587
CA Dept of Parks and Recreation	279	306,909	$33,022,171	$20,442,903	$53,465,074
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	1	126	$17,735	$17,735	$35,470
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	1	71,500	$5,669,649	$3,864,595	$9,534,245
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	187	1,050,256	$46,650,582	$48,648,855	$95,299,438
CA Dept of Veterans Affairs	1	47,000	$9,113,566	$9,113,566	$18,227,131
CA Dept of Water Resources	1	48,395	$1,665,913	$1,665,913	$3,331,826
CA Employment Development Department	1	29,013	$0	$0	$0
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	0	0	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	20	115,615	$33,096,071	$44,799,392	$77,895,463
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	1	10,042	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	188	12,508,240	$1,015,995,892	$1,081,257,910	$2,097,253,802

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	73	668,399	$150,841,756	$156,800,542	$307,642,299
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	16	1,916,427	$284,357,910	$300,532,460	$584,890,369
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	37	17,870	$865,597	$432,798	$1,298,395
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	1	57,500	$15,166,781	$15,166,781	$30,333,561

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	1,060	18,633,860	$1,759,623,523	$1,833,679,663	$3,593,303,186

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	2	$5,346,385	$5,346,385	$10,692,771
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	5	$30,953,223	$30,953,223	$61,906,445
CA Dept of Cannabis Control	1	$1,501,972	$1,501,972	$3,003,944
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	2	$27,463,799	$27,463,799	$54,927,598
CA Dept of Consumer Affairs	15	$61,760,383	$62,277,438	$124,037,820
CA Dept of Corrections and Rehabilitation	10	$35,063,444	$34,583,433	$69,646,876
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	14	$63,911,035	$61,815,421	$125,726,456
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	2	$95,156,462	$95,156,462	$190,312,924
CA Dept of Fish and Wildlife	17	$64,162,924	$60,987,844	$125,150,768
CA Dept of Food and Agriculture	9	$19,039,102	$21,821,594	$40,860,696

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	8	$23,967,127	$23,967,127	$47,934,253
CA Dept of General Services	1	$14,870,365	$14,870,365	$29,740,731
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	4	$34,592,001	$34,592,001	$69,184,003
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	12	$87,109,270	$86,192,975	$173,302,246
CA Dept of Insurance	2	$17,857,345	$17,857,345	$35,714,690
CA Dept of Justice	2	$6,932,536	$6,932,536	$13,865,071
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	19	$94,163,656	$96,845,790	$191,009,445
CA Dept of Parks and Recreation	1	$1,669,496	$1,669,496	$3,338,993
CA Dept of Pesticide Regulation	1	$14,870,365	$14,870,365	$29,740,731
CA Dept of Public Health	3	$32,075,032	$32,075,032	$64,150,064
CA Dept of Real Estate	1	$738,876	$738,876	$1,477,753
CA Dept of Rehabilitation	12	$36,414,938	$39,818,266	$76,233,204
CA Dept of Resources Recycling and Recovery	1	$16,409,460	$16,409,460	$32,818,920
CA Dept of Social Services	7	$37,965,035	$37,965,035	$75,930,070
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	3	$13,377,411	$13,377,411	$26,754,821
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	2	$8,053,620	$8,053,620	$16,107,239
CA Dept of Transportation	7	$11,425,968	$11,317,854	$22,743,822
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	26	$173,841,067	$172,705,517	$346,546,584
CA Franchise Tax Board	1	$5,852,874	$5,852,874	$11,705,748
CA Governor's Office of Emergency Services	2	$1,869,862	$1,869,862	$3,739,724
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	1	$16,409,460	$16,409,460	$32,818,920
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	2	$5,517,553	$5,472,080	$10,989,634
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	1	$3,582,687	$3,582,687	$7,165,373
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	5	$7,261,493	$7,392,131	$14,653,625
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	1	$1,421,468	$1,421,468	$2,842,936
California Lottery	1	$6,532,547	$6,532,547	$13,065,093
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	3	$8,218,916	$8,218,916	$16,437,832
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	22	$35,459,672	$38,232,864	$73,692,536
California State Water Resources Control Board	1	$14,870,365	$14,870,365	$29,740,731
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	2	$15,293,922	$15,293,922	$30,587,845
Judicial Council of California	1	$3,077,373	$3,077,373	$6,154,746
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	235	$1,185,108,167	$1,189,440,868	$2,374,549,035

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	3	$12,054,870	$12,054,870	$24,109,739
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	5	$30,953,223	$30,953,223	$61,906,445
CA Dept of Cannabis Control	1	$1,501,972	$1,501,972	$3,003,944
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	2	$27,463,799	$27,463,799	$54,927,598
CA Dept of Consumer Affairs	15	$61,760,383	$62,277,438	$124,037,820
CA Dept of Corrections and Rehabilitation	78	$68,813,998	$60,874,614	$129,688,612

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	79	$74,917,141	$72,000,229	$146,917,370
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	2	$95,156,462	$95,156,462	$190,312,924
CA Dept of Fish and Wildlife	44	$67,516,515	$62,902,648	$130,419,163
CA Dept of Food and Agriculture	72	$46,465,873	$49,248,365	$95,714,238
CA Dept of Forestry and Fire Protection	12	$30,987,887	$28,654,331	$59,642,218
CA Dept of General Services	4	$46,688,368	$46,688,368	$93,376,736
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	4	$34,592,001	$34,592,001	$69,184,003
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	12	$87,109,270	$86,192,975	$173,302,246
CA Dept of Insurance	2	$17,857,345	$17,857,345	$35,714,690
CA Dept of Justice	2	$6,932,536	$6,932,536	$13,865,071
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	41	$136,239,286	$138,750,746	$274,990,032
CA Dept of Parks and Recreation	280	$34,691,667	$22,112,400	$56,804,067
CA Dept of Pesticide Regulation	1	$14,870,365	$14,870,365	$29,740,731
CA Dept of Public Health	3	$32,075,032	$32,075,032	$64,150,064
CA Dept of Real Estate	1	$738,876	$738,876	$1,477,753
CA Dept of Rehabilitation	13	$36,432,673	$39,836,001	$76,268,674
CA Dept of Resources Recycling and Recovery	1	$16,409,460	$16,409,460	$32,818,920
CA Dept of Social Services	7	$37,965,035	$37,965,035	$75,930,070
CA Dept of State Hospitals	1	$5,669,649	$3,864,595	$9,534,245

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	3	$13,377,411	$13,377,411	$26,754,821
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	2	$8,053,620	$8,053,620	$16,107,239
CA Dept of Transportation	194	$58,076,550	$59,966,710	$118,043,260
CA Dept of Veterans Affairs	1	$9,113,566	$9,113,566	$18,227,131
CA Dept of Water Resources	1	$1,665,913	$1,665,913	$3,331,826
CA Employment Development Department	27	$173,841,067	$172,705,517	$346,546,584
CA Franchise Tax Board	1	$5,852,874	$5,852,874	$11,705,748
CA Governor's Office of Emergency Services	2	$1,869,862	$1,869,862	$3,739,724
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	1	$16,409,460	$16,409,460	$32,818,920
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	2	$5,517,553	$5,472,080	$10,989,634

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	1	$3,582,687	$3,582,687	$7,165,373
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	25	$40,357,565	$52,191,523	$92,549,088
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	1	$1,421,468	$1,421,468	$2,842,936
California Lottery	2	$6,532,547	$6,532,547	$13,065,093
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	3	$8,218,916	$8,218,916	$16,437,832
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	210	$1,051,455,564	$1,119,490,774	$2,170,946,338
California State Water Resources Control Board	1	$14,870,365	$14,870,365	$29,740,731
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	73	$150,841,756	$156,800,542	$307,642,299
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	2	$15,293,922	$15,293,922	$30,587,845
Judicial Council of California	17	$287,435,282	$303,609,833	$591,045,115
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	37	$865,597	$432,798	$1,298,395
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	1	$15,166,781	$15,166,781	$30,333,561
Total	1295	$2,944,731,690	$3,023,120,530	$5,967,852,220

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	103	1,226,082	$116,159,824	$122,796,543	$238,956,366
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	0	0	$0	$0	$0
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	42	158,633	$14,778,697	$14,008,693	$28,787,390
Del Norte	0	0	$0	$0	$0
El Dorado	0	0	$0	$0	$0
Fresno	0	0	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	0	0	$0	$0	$0
Imperial	0	0	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	0	0	$0	$0	$0
Lassen	0	0	$0	$0	$0
Los Angeles	298	7,889,251	$543,659,021	$578,346,566	$1,122,005,587
Madera	0	0	$0	$0	$0
Marin	0	0	$0	$0	$0
Mariposa	0	0	$0	$0	$0
Mendocino	0	0	$0	$0	$0
Merced	0	0	$0	$0	$0
Modoc	0	0	$0	$0	$0
Mono	0	0	$0	$0	$0
Monterey	0	0	$0	$0	$0
Napa	0	0	$0	$0	$0
Nevada	0	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	183	400,826	$50,831,429	$51,657,197	$102,488,626
Placer	0	0	$0	$0	$0
Plumas	0	0	$0	$0	$0
Riverside	4	18,049	$3,436,619	$4,434,634	$7,871,254
Sacramento	0	0	$0	$0	$0
San Benito	0	0	$0	$0	$0
San Bernardino	0	0	$0	$0	$0
San Diego	0	0	$0	$0	$0
San Francisco	36	1,148,435	$77,137,202	$65,237,435	$142,374,636
San Joaquin	0	0	$0	$0	$0
San Luis Obispo	0	0	$0	$0	$0
San Mateo	46	356,894	$166,364,687	$175,990,665	$342,355,352
Santa Barbara	0	0	$0	$0	$0
Santa Clara	94	5,738,594	$508,758,969	$484,571,434	$993,330,403
Santa Cruz	0	0	$0	$0	$0
Shasta	0	0	$0	$0	$0
Sierra	0	0	$0	$0	$0
Siskiyou	0	0	$0	$0	$0
Solano	0	0	$0	$0	$0
Sonoma	0	0	$0	$0	$0
Stanislaus	0	0	$0	$0	$0
Sutter	0	0	$0	$0	$0
Tehama	0	0	$0	$0	$0
Trinity	0	0	$0	$0	$0
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	254	1,697,096	$278,497,076	$336,636,496	$615,133,571
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	1060	18,633,860	$1,759,623,523	$1,833,679,663	$3,593,303,186

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	21	$147,266,299	$147,666,144	$294,932,443
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	3	$3,572,066	$3,572,066	$7,144,132
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	84	$328,856,593	$335,285,149	$664,141,742
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	39	$295,566,330	$293,178,564	$588,744,895
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	8	$11,756,507	$12,513,196	$24,269,704
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	14	$149,060,551	$148,580,541	$297,641,092
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	11	$97,094,542	$97,094,542	$194,189,084
Santa Barbara	0	$0	$0	$0
Santa Clara	30	$85,410,282	$88,443,997	$173,854,279
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	25	$66,524,997	$63,106,668	$129,631,665
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	235	$1,185,108,167	$1,189,440,868	$2,374,549,035

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	124	$263,426,122	$270,462,687	$533,888,809
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	45	$18,350,763	$17,580,759	$35,931,522
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	382	$872,515,614	$913,631,714	$1,786,147,329
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	222	$346,397,759	$344,835,762	$691,233,521
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	12	$15,193,127	$16,947,831	$32,140,957
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	50	$226,197,753	$213,817,975	$440,015,728
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	57	$263,459,229	$273,085,207	$536,544,436
Santa Barbara	0	$0	$0	$0
Santa Clara	124	$594,169,251	$573,015,431	$1,167,184,681
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	279	$345,022,073	$399,743,164	$744,765,237
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	1295	$2,944,731,690	$3,023,120,530	$5,967,852,220

Risk Analysis Results – Earthquake Liquefaction Zones – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	68	482,198	$33,750,554	$26,291,181	$60,041,735
Development Center	0	0	$0	$0	$0
Hospital	1	71,500	$5,669,649	$3,864,595	$9,534,245
Migrant Center	0	0	$0	$0	$0
Special School	64	510,744	$10,729,356	$9,928,709	$20,658,065
Other Facility	927	17,569,418	$1,709,473,964	$1,793,595,177	$3,503,069,141
Total	1,060	18,633,860	$1,759,623,523	$1,833,679,663	$3,593,303,186

Risk Analysis Results – Earthquake Liquefaction Zones – State Highways by County

County	Miles of Highway
Alameda	219.3
Alpine	0.0
Amador	0.0
Butte	0.0
Calaveras	0.0
Colusa	0.0
Contra Costa	30.1
Del Norte	0.0
El Dorado	0.0
Fresno	0.0
Glenn	0.0
Humboldt	0.0
Imperial	0.0
Inyo	0.0
Kern	0.0
Kings	0.0
Lake	0.0
Lassen	0.0
Los Angeles	535.6
Madera	0.0
Marin	0.0
Mariposa	0.0
Mendocino	0.0
Merced	0.0
Modoc	0.0
Mono	0.0
Monterey	0.0
Napa	0.0
Nevada	0.0
Orange	245.8

Risk Analysis Results – Earthquake Liquefaction Zones – State Highways by County

County	Miles of Highway
Placer	0.0
Plumas	0.0
Riverside	11.7
Sacramento	0.0
San Benito	0.0
San Bernardino	0.2
San Diego	0.0
San Francisco	17.2
San Joaquin	0.0
San Luis Obispo	0.0
San Mateo	128.9
Santa Barbara	0.0
Santa Clara	177.3
Santa Cruz	0.0
Shasta	0.0
Sierra	0.0
Siskiyou	0.0
Solano	0.0
Sonoma	0.0
Stanislaus	0.0
Sutter	0.0
Tehama	0.0
Trinity	0.0
Tulare	0.0
Tuolumne	0.0
Ventura	235.9
Yolo	0.0
Yuba	0.0
Total	1,601.9

Risk Analysis Results – Earthquake Liquefaction Zones – State Water Project by Branch

County	Number of State-Owned Dams
California Aqueduct	0.0
Coastal Branch	0.0
East Branch	5.2
East Branch Extension	0.0
North Bay Aqueduct	0.0
Oroville	0.0
South Bay Aqueduct	1.3
West Branch	0.0
Total	6.5

Risk Analysis Results for Earthquake Shaking

Risk Analysis Results – Earthquake Shaking – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	29,903	83,922	35.6%
Alpine	2,084	50,861	4.1%
Amador	0	97,686	0.0%
Butte	0	88,320	0.0%
Calaveras	0	124,320	0.0%
Colusa	0	39,975	0.0%
Contra Costa	13,450	28,731	46.8%
Del Norte	2,684	10,802	24.8%
El Dorado	0	184,442	0.0%
Fresno	19	51,792	0.0%
Glenn	0	2,085	0.0%
Humboldt	49,345	78,482	62.9%
Imperial	116,245	710,020	16.4%
Inyo	859	246,441	0.3%
Kern	74,383	1,014,386	7.3%
Kings	0	8,907	0.0%
Lake	4,992	82,544	6.0%
Lassen	0	180,689	0.0%
Los Angeles	446,722	911,564	49.0%
Madera	0	41,190	0.0%
Marin	4,646	24,696	18.8%
Mariposa	0	228,533	0.0%
Mendocino	119,978	855,474	14.0%
Merced	0	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	0	130,547	0.0%
Monterey	9,155	92,667	9.9%
Napa	23,838	169,772	14.0%
Nevada	0	146,358	0.0%

Risk Analysis Results – Earthquake Shaking – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	1,053	151,777	0.7%
Placer	0	122,653	0.0%
Plumas	0	60,257	0.0%
Riverside	318,203	1,065,179	29.9%
Sacramento	0	75,501	0.0%
San Benito	3,888	8,877	43.8%
San Bernardino	174,727	1,734,287	10.1%
San Diego	42,329	522,630	8.1%
San Francisco	2,864	4,245	67.5%
San Joaquin	0	28,214	0.0%
San Luis Obispo	230,246	733,458	31.4%
San Mateo	24,609	32,801	75.0%
Santa Barbara	10,177	28,657	35.5%
Santa Clara	23,037	43,054	53.5%
Santa Cruz	29,556	40,770	72.5%
Shasta	0	381,315	0.0%
Sierra	0	35,361	0.0%
Siskiyou	0	508,754	0.0%
Solano	1,557	55,831	2.8%
Sonoma	25,293	57,738	43.8%
Stanislaus	0	14,179	0.0%
Sutter	0	2,369	0.0%
Tehama	0	84,053	0.0%
Trinity	2,024	116,464	1.7%
Tulare	0	6,847	0.0%
Tuolumne	0	70,255	0.0%
Ventura	12,898	31,804	40.6%
Yolo	0	40,856	0.0%
Yuba	0	30,685	0.0%

Risk Analysis Results – Earthquake Shaking – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	1,800,765	11,788,962	15.3%

Risk Analysis Results – Earthquake Shaking – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	2	10	2	2	3	10	29
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	9	4	0	3	1	3	20
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	0	0	0	0	0	0	0
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	1	0	0	0	1	0	2
Imperial	0	1	2	1	0	0	2	6
Inyo	0	0	0	0	0	0	0	0
Kern	0	1	2	0	0	0	0	3
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	9	20	20	4	7	3	17	80
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	1	0	1	2
Mariposa	0	0	0	0	0	0	0	0
Mendocino	1	0	0	0	0	0	0	1
Merced	0	1	0	0	0	0	0	1
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	1	0	0	1
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Earthquake Shaking – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	0	0	0	0	0	0
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	2	2	7	0	0	0	0	11
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	7	10	1	3	2	2	25
San Diego	0	0	0	0	0	0	0	0
San Francisco	2	0	3	0	3	1	7	16
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	0	1	3	0	0	0	0	4
San Mateo	0	1	6	0	1	1	1	10
Santa Barbara	0	1	0	0	0	1	0	2
Santa Clara	10	3	4	0	2	1	3	23
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	0	0
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	1	0	1
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	1	2	0	0	1	0	4
Yolo	0	0	0	0	0	0	0	0

Risk Analysis Results – Earthquake Shaking – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	24	51	73	8	23	16	46	241

Risk Analysis Results – Earthquake Shaking – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	$500.0 Million to $1.0 Billion	$2.8 Billion to Greater Than $5.8 Billion	$200.0 Million to $1.0 Billion	$1.1 Billion to Greater Than $1.5 Billion	$1.0 Billion to $2.1 Billion	$2.3 Billion to Greater Than $4.9 Billion
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	$5.3 Billion to Greater Than $6.6 Billion	$400.0 Million to $2.0 Billion	-	$3.0 Billion to Greater Than $3.0 Billion	$0 to $10.0 Million	$610.0 Million to $1.6 Billion
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	$10.0 Million to $100.0 Million	-	-	-	$0 to $10.0 Million	-
Imperial	-	$10.0 Million to $100.0 Million	$100.0 Million to $510.0 Million	$10.0 Million to $100.0 Million	-	-	$1.0 Billion to $2.0 Billion
Inyo	-	-	-	-	-	-	-
Kern	-	$100.0 Million to $500.0 Million	$10.0 Million to $110.0 Million	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-

Risk Analysis Results – Earthquake Shaking – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Los Angeles	$2.4 Billion to Greater Than $5.2 Billion	$7.4 Billion to Greater Than $14.6 Billion	$4.3 Billion to Greater Than $10.2 Billion	$220.0 Million to $1.2 Billion	$5.1 Billion to Greater Than $5.6 Billion	$210.0 Million to $1.1 Billion	$2.5 Billion to $8.4 Billion
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	$10.0 Million to $100.0 Million	-	$10.0 Million to $100.0 Million
Mariposa	-	-	-	-	-	-	-
Mendocino	$100.0 Million to $500.0 Million	-	-	-	-	-	-
Merced	-	$1.0 Billion to Greater Than $1.0 Billion	-	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-
Napa	-	-	-	-	$500.0 Million to $1.0 Billion	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	$200.0 Million to $1.0 Billion	$1.5 Billion to Greater Than $2.0 Billion	$330.0 Million to $1.8 Billion	-	-	-	-
Sacramento	-	-	-	-	-	-	-
San Benito	-	-	-	-	-	-	-

Risk Analysis Results – Earthquake Shaking – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
San Bernardino	-	$2.9 Billion to Greater Than $5.0 Billion	$3.6 Billion to Greater Than $5.0 Billion	$10.0 Million to $100.0 Million	$2.0 Billion to Greater Than $2.0 Billion	$100.0 Million to $510.0 Million	$20.0 Million to $200.0 Million
San Diego	-	-	-	-	-	-	-
San Francisco	$600.0 Million to $1.5 Billion	-	$520.0 Million to $1.2 Billion	-	$2.0 Billion to Greater Than $2.1 Billion	$10.0 Million to $100.0 Million	$3.8 Billion to Greater Than $5.5 Billion
San Joaquin	-	-	-	-	-	-	-
San Luis Obispo	-	$1.0 Billion to Greater Than $1.0 Billion	$30.0 Million to $300.0 Million	-	-	-	-
San Mateo	-	$10.0 Million to $100.0 Million	$1.8 Billion to Greater Than $3.6 Billion	-	$10.0 Million to $100.0 Million	$100.0 Million to $500.0 Million	$100.0 Million to $500.0 Million
Santa Barbara	-	$1.0 Billion to Greater Than $1.0 Billion	-	-	-	$100.0 Million to $500.0 Million	-
Santa Clara	$1.2 Billion to $4.7 Billion	$210.0 Million to $1.1 Billion	$1.1 Billion to Greater Than $1.7 Billion	-	$2.0 Billion to Greater Than $2.0 Billion	$10.0 Million to $100.0 Million	$1.1 Billion to Greater Than $1.6 Billion
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	$0 to $10.0 Million	-
Stanislaus	-	-	-	-	-	-	-

Risk Analysis Results – Earthquake Shaking – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Sutter	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	$100.0 Million to $500.0 Million	$20.0 Million to $200.0 Million	-	-	$10.0 Million to $100.0 Million	-
Yolo	-	-	-	-	-	-	-
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – Earthquake Shaking – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	285,321	1,555,330	18.3%
Alpine	510	510	100.0%
Amador	0	0	0.0%
Butte	0	0	0.0%
Calaveras	0	0	0.0%
Colusa	0	0	0.0%
Contra Costa	134,347	756,559	17.8%
Del Norte	729	5,314	13.7%
El Dorado	0	0	0.0%
Fresno	339	339	100.0%
Glenn	0	0	0.0%
Humboldt	11,351	123,412	9.2%
Imperial	131,358	158,276	83.0%
Inyo	0	14	0.0%
Kern	10,081	17,840	56.5%
Kings	0	0	0.0%
Lake	331	3,914	8.5%
Lassen	0	0	0.0%
Los Angeles	1,916,591	5,111,989	37.5%
Madera	0	0	0.0%
Marin	12,652	82,612	15.3%
Mariposa	0	0	0.0%
Mendocino	28,341	62,934	45.0%
Merced	0	0	0.0%
Modoc	0	0	0.0%
Mono	0	0	0.0%
Monterey	13,045	49,466	26.4%
Napa	16,139	94,960	17.0%
Nevada	0	0	0.0%
Orange	0	14,503	0.0%

Risk Analysis Results – Earthquake Shaking – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	0	0.0%
Plumas	0	0	0.0%
Riverside	434,378	1,038,635	41.8%
Sacramento	0	0	0.0%
San Benito	4,463	62,367	7.2%
San Bernardino	521,227	1,121,665	46.5%
San Diego	0	1,317	0.0%
San Francisco	58,133	639,629	9.1%
San Joaquin	0	0	0.0%
San Luis Obispo	0	3,297	0.0%
San Mateo	58,638	666,835	8.8%
Santa Barbara	17,306	203,956	8.5%
Santa Clara	217,286	1,886,818	11.5%
Santa Cruz	62,705	154,016	40.7%
Shasta	0	0	0.0%
Sierra	0	0	0.0%
Siskiyou	0	0	0.0%
Solano	20,159	63,298	31.8%
Sonoma	56,449	371,990	15.2%
Stanislaus	9	9	100.0%
Sutter	0	0	0.0%
Tehama	0	0	0.0%
Trinity	0	219	0.0%
Tulare	0	0	0.0%
Tuolumne	0	0	0.0%
Ventura	71,226	423,971	16.8%
Yolo	0	0	0.0%
Yuba	0	0	0.0%
Total	4,083,116	14,675,993	27.8%

Risk Analysis Results – Earthquake Shaking – State Bridges by County

County	# of Bridges
Alameda	431
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	226
Del Norte	15
El Dorado	0
Fresno	3
Glenn	0
Humboldt	159
Imperial	117
Inyo	0
Kern	19
Kings	0
Lake	2
Lassen	0
Los Angeles	1291
Madera	0
Marin	66
Mariposa	0
Mendocino	154
Merced	2
Modoc	0
Mono	0
Monterey	20
Napa	37
Nevada	0
Orange	7

Risk Analysis Results – Earthquake Shaking – State Bridges by County

County	# of Bridges
Placer	0
Plumas	0
Riverside	272
Sacramento	0
San Benito	27
San Bernardino	386
San Diego	0
San Francisco	80
San Joaquin	0
San Luis Obispo	5
San Mateo	226
Santa Barbara	127
Santa Clara	511
Santa Cruz	53
Shasta	0
Sierra	0
Siskiyou	0
Solano	53
Sonoma	154
Stanislaus	0
Sutter	0
Tehama	0
Trinity	1
Tulare	0
Tuolumne	0
Ventura	198
Yolo	0
Yuba	0
Total	4642

Risk Analysis Results – Earthquake Shaking – State Dams by County

County	Number of State-Owned Dams
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	1
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	1
Nevada	0
Orange	0

Risk Analysis Results – Earthquake Shaking – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	2
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	1
Santa Barbara	0
Santa Clara	0
Santa Cruz	1
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	3
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	9

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	1	54000	$6,708,484	$6,708,484	$13,416,969
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	150	1707566	$71,675,721	$54,920,790	$126,596,511
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	65	523918	$11,006,106	$10,184,807	$21,190,914
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	143	303095	$10,296,202	$5,974,141	$16,270,343
CA Dept of Food and Agriculture	0	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	429	786497	$242,212,023	$236,985,118	$479,197,141
CA Dept of General Services	150	5405197	$381,957,473	$418,983,450	$800,940,923
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	3	231750	$515,052,873	$257,526,437	$772,579,310
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	1	14645	$3,285,839	$3,285,839	$6,571,679
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	40	442493	$70,909,176	$73,667,555	$144,576,731
CA Dept of Parks and Recreation	1920	1973482	$88,440,642	$74,374,463	$162,815,105
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	7	697153	$79,327,904	$90,002,833	$169,330,737
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	4	42278	$5,950,867	$5,950,867	$11,901,734
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	308	2866825	$95,505,290	$114,662,785	$210,168,075
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	548	2917518	$488,615,211	$503,020,754	$991,635,965
CA Dept of Veterans Affairs	6	442442	$34,639,673	$23,987,191	$58,626,864
CA Dept of Water Resources	13	207073	$4,251,685	$4,251,685	$8,503,370
CA Employment Development Department	11	244106	$29,603,079	$28,987,400	$58,590,479
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	49	92593	$3,833,040	$3,833,040	$7,666,080
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	43	235693	$67,980,855	$90,681,769	$158,662,624
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	3	42348	$4,425,890	$4,425,890	$8,851,780
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	2	21723	$923,712	$923,712	$1,847,425
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	511	29960875	$1,622,625,864	$1,739,943,421	$3,362,569,285

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	245	1683808	$245,601,993	$267,469,131	$513,071,124
Exposition Park California	9	1828101	$51,659,745	$51,659,745	$103,319,490
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	41	5553889	$1,196,205,690	$1,272,360,870	$2,468,566,560
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	37	17870	$865,597	$432,798	$1,298,395
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	616	13355428	$542,529,638	$518,599,205	$1,061,128,843

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	5355	71652366	$5,876,090,273	$5,863,804,181	$11,739,894,454

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	6	$13,230,095	$13,230,095	$26,460,190
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	8	$16,451,354	$16,451,354	$32,902,708
CA Dept of Cannabis Control	2	$11,017,692	$11,017,692	$22,035,383
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	4	$19,368,422	$19,368,422	$38,736,844
CA Dept of Consumer Affairs	20	$87,069,512	$84,724,193	$171,793,706
CA Dept of Corrections and Rehabilitation	24	$38,818,946	$36,783,751	$75,602,697
CA Dept of Developmental Services	3	$16,342,407	$12,113,269	$28,455,676
CA Dept of Education	13	$35,538,613	$35,827,993	$71,366,606
CA Dept of Fair Employment and Housing	1	$11,480,339	$11,480,339	$22,960,679
CA Dept of Financial Protection and Innovation	5	$98,045,138	$98,045,138	$196,090,276
CA Dept of Fish and Wildlife	48	$127,228,351	$129,646,355	$256,874,706
CA Dept of Food and Agriculture	14	$35,121,791	$40,727,500	$75,849,291

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	34	$47,883,639	$45,961,097	$93,844,736
CA Dept of General Services	5	$149,160,588	$149,160,588	$298,321,176
CA Dept of Health Care Access and Information	1	$70,912,099	$70,912,099	$141,824,197
CA Dept of Health Care Services	5	$48,616,957	$48,616,957	$97,233,914
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	19	$212,710,372	$209,328,712	$422,039,085
CA Dept of Insurance	5	$22,740,235	$23,913,323	$46,653,558
CA Dept of Justice	1	$4,310,253	$4,310,253	$8,620,506
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	34	$108,232,687	$108,987,222	$217,219,909
CA Dept of Parks and Recreation	4	$2,390,848	$2,168,526	$4,559,374
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	10	$59,970,917	$63,712,609	$123,683,525
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	28	$203,588,548	$208,583,177	$412,171,725
CA Dept of Resources Recycling and Recovery	1	$9,077,351	$9,077,351	$18,154,702
CA Dept of Social Services	16	$164,885,482	$166,744,285	$331,629,768
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	5	$48,962,309	$48,851,985	$97,814,293
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	4	$18,185,180	$19,577,579	$37,762,759
CA Dept of Transportation	14	$18,030,869	$17,658,141	$35,689,009
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	2	$4,058,566	$5,228,581	$9,287,147

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	33	$186,448,013	$187,426,997	$373,875,010
CA Franchise Tax Board	2	$20,887,609	$20,887,609	$41,775,219
CA Governor's Office of Emergency Services	8	$17,841,487	$19,044,931	$36,886,417
CA Governor's Office of Business and Economic Development	1	$8,465,542	$8,465,542	$16,931,083
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	1	$7,901,513	$7,901,513	$15,803,026
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	1	$1,059,073	$1,059,073	$2,118,145
California Agricultural Labor Relations Board	1	$331,262	$331,262	$662,525
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	2	$10,414,549	$12,908,520	$23,323,070
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	12	$11,208,410	$12,278,170	$23,486,579
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	1	$70,912,099	$70,912,099	$141,824,197
California Highway Patrol	10	$31,186,138	$34,893,245	$66,079,383
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	1	$1,421,468	$1,421,468	$2,842,936
California Lottery	2	$8,426,535	$8,426,535	$16,853,071
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	4	$7,858,892	$6,975,503	$14,834,395
California Office of the State Public Defender	1	$8,111,670	$8,111,670	$16,223,340
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	2	$7,629,791	$7,629,791	$15,259,582
California Public Utilities Commission	5	$71,900,664	$71,900,664	$143,801,329
California State Board of Equalization	1	$2,382,768	$2,382,768	$4,765,536
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	2	$3,417,109	$3,417,109	$6,834,219
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	26	$42,444,646	$44,368,093	$86,812,738
California State Water Resources Control Board	5	$15,976,795	$15,976,795	$31,953,590
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	1	$5,028,686	$5,028,686	$10,057,372
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	2	$3,870,915	$3,870,915	$7,741,831
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	2	$15,293,922	$15,293,922	$30,587,845
Judicial Council of California	2	$21,138,273	$21,138,273	$42,276,547
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	1	$43,490,184	$43,490,184	$86,980,367
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	468	$2,357,525,251	$2,376,797,602	$4,734,322,853

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	7	$19,938,579	$19,938,579	$39,877,158
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	8	$16,451,354	$16,451,354	$32,902,708
CA Dept of Cannabis Control	2	$11,017,692	$11,017,692	$22,035,383
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	4	$19,368,422	$19,368,422	$38,736,844
CA Dept of Consumer Affairs	20	$87,069,512	$84,724,193	$171,793,706
CA Dept of Corrections and Rehabilitation	174	$110,494,666	$91,704,542	$202,199,208

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	3	$16,342,407	$12,113,269	$28,455,676
CA Dept of Education	78	$46,544,719	$46,012,800	$92,557,519
CA Dept of Fair Employment and Housing	1	$11,480,339	$11,480,339	$22,960,679
CA Dept of Financial Protection and Innovation	5	$98,045,138	$98,045,138	$196,090,276
CA Dept of Fish and Wildlife	191	$137,524,553	$135,620,496	$273,145,048
CA Dept of Food and Agriculture	14	$35,121,791	$40,727,500	$75,849,291
CA Dept of Forestry and Fire Protection	463	$290,095,662	$282,946,215	$573,041,877
CA Dept of General Services	155	$531,118,061	$568,144,037	$1,099,262,098
CA Dept of Health Care Access and Information	1	$70,912,099	$70,912,099	$141,824,197
CA Dept of Health Care Services	5	$48,616,957	$48,616,957	$97,233,914
CA Dept of Housing & Community Development	3	$515,052,873	$257,526,437	$772,579,310
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	19	$212,710,372	$209,328,712	$422,039,085
CA Dept of Insurance	5	$22,740,235	$23,913,323	$46,653,558
CA Dept of Justice	2	$7,596,093	$7,596,093	$15,192,185
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	74	$179,141,863	$182,654,777	$361,796,640
CA Dept of Parks and Recreation	1924	$90,831,490	$76,542,989	$167,374,479
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	17	$139,298,820	$153,715,442	$293,014,262
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	32	$209,539,415	$214,534,044	$424,073,459
CA Dept of Resources Recycling and Recovery	1	$9,077,351	$9,077,351	$18,154,702
CA Dept of Social Services	16	$164,885,482	$166,744,285	$331,629,768
CA Dept of State Hospitals	308	$95,505,290	$114,662,785	$210,168,075

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	5	$48,962,309	$48,851,985	$97,814,293
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	4	$18,185,180	$19,577,579	$37,762,759
CA Dept of Transportation	562	$506,646,080	$520,678,894	$1,027,324,974
CA Dept of Veterans Affairs	6	$34,639,673	$23,987,191	$58,626,864
CA Dept of Water Resources	15	$8,310,251	$9,480,266	$17,790,517
CA Employment Development Department	44	$216,051,092	$216,414,397	$432,465,489
CA Franchise Tax Board	2	$20,887,609	$20,887,609	$41,775,219
CA Governor's Office of Emergency Services	8	$17,841,487	$19,044,931	$36,886,417
CA Governor's Office of Business and Economic Development	1	$8,465,542	$8,465,542	$16,931,083
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	1	$7,901,513	$7,901,513	$15,803,026
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	1	$1,059,073	$1,059,073	$2,118,145
California Agricultural Labor Relations Board	1	$331,262	$331,262	$662,525
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	2	$10,414,549	$12,908,520	$23,323,070

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	61	$15,041,450	$16,111,210	$31,152,659
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	1	$70,912,099	$70,912,099	$141,824,197
California Highway Patrol	53	$99,166,994	$125,575,014	$224,742,007
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	1	$1,421,468	$1,421,468	$2,842,936
California Lottery	5	$12,852,425	$12,852,425	$25,704,851
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	6	$8,782,604	$7,899,215	$16,681,819
California Office of the State Public Defender	1	$8,111,670	$8,111,670	$16,223,340

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	2	$7,629,791	$7,629,791	$15,259,582
California Public Utilities Commission	5	$71,900,664	$71,900,664	$143,801,329
California State Board of Equalization	1	$2,382,768	$2,382,768	$4,765,536
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	2	$3,417,109	$3,417,109	$6,834,219
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	537	$1,665,070,509	$1,784,311,514	$3,449,382,024
California State Water Resources Control Board	5	$15,976,795	$15,976,795	$31,953,590
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	1	$5,028,686	$5,028,686	$10,057,372
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	247	$249,472,908	$271,340,047	$520,812,955
Exposition Park California	9	$51,659,745	$51,659,745	$103,319,490

Risk Analysis Results – Earthquake Shaking – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	2	$15,293,922	$15,293,922	$30,587,845
Judicial Council of California	43	$1,217,343,964	$1,293,499,143	$2,510,843,107
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	1	$43,490,184	$43,490,184	$86,980,367
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	37	$865,597	$432,798	$1,298,395
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	616	$542,529,638	$518,599,205	$1,061,128,843
Total	5823	$8,233,615,524	$8,240,601,782	$16,474,217,306

Risk Analysis Results – Earthquake Shaking – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	151	5047446	$666,556,415	$686,530,160	$1,353,086,576
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	0	0	$0	$0	$0
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	36	1146567	$187,299,035	$201,034,248	$388,333,283
Del Norte	84	133315	$6,327,686	$4,199,692	$10,527,378
El Dorado	0	0	$0	$0	$0
Fresno	0	0	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	581	2975664	$132,346,434	$106,523,806	$238,870,240
Imperial	98	500680	$86,611,863	$105,918,925	$192,530,788
Inyo	0	0	$0	$0	$0
Kern	46	54070	$4,993,562	$6,472,364	$11,465,927
Kings	0	0	$0	$0	$0
Lake	1	0	$0	$0	$0
Lassen	0	0	$0	$0	$0
Los Angeles	728	29895066	$1,766,619,117	$2,096,022,827	$3,862,641,944
Madera	0	0	$0	$0	$0
Marin	167	422785	$23,688,415	$17,756,776	$41,445,192
Mariposa	0	0	$0	$0	$0
Mendocino	425	391665	$24,233,130	$25,956,081	$50,189,211
Merced	6	58922	$2,907,611	$2,907,611	$5,815,223
Modoc	0	0	$0	$0	$0
Mono	0	0	$0	$0	$0
Monterey	22	35171	$493,897	$493,897	$987,794
Napa	201	1746551	$101,799,300	$117,853,826	$219,653,125
Nevada	0	0	$0	$0	$0

Risk Analysis Results – Earthquake Shaking – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	0	0	$0	$0	$0
Placer	0	0	$0	$0	$0
Plumas	0	0	$0	$0	$0
Riverside	152	472073	$66,546,622	$49,806,542	$116,353,165
Sacramento	0	0	$0	$0	$0
San Benito	149	302046	$70,058,387	$69,285,899	$139,344,286
San Bernardino	390	5300629	$156,368,657	$173,524,036	$329,892,694
San Diego	70	41843	$1,497,066	$1,421,028	$2,918,094
San Francisco	174	7840184	$584,511,162	$580,512,697	$1,165,023,859
San Joaquin	0	0	$0	$0	$0
San Luis Obispo	3	4718	$2,926,950	$4,390,425	$7,317,375
San Mateo	161	470530	$190,633,390	$208,244,503	$398,877,893
Santa Barbara	414	3275618	$248,806,493	$165,563,412	$414,369,905
Santa Clara	149	5949896	$1,045,134,592	$769,773,074	$1,814,907,666
Santa Cruz	366	667055	$44,948,020	$37,682,627	$82,630,646
Shasta	0	0	$0	$0	$0
Sierra	0	0	$0	$0	$0
Siskiyou	0	0	$0	$0	$0
Solano	45	239819	$9,460,761	$5,112,451	$14,573,211
Sonoma	537	3834700	$379,505,583	$356,975,505	$736,481,087
Stanislaus	0	0	$0	$0	$0
Sutter	0	0	$0	$0	$0
Tehama	0	0	$0	$0	$0
Trinity	3	3728	$16,738,399	$25,107,598	$41,845,997
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	196	841625	$55,077,725	$44,734,169	$99,811,894
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – Earthquake Shaking – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	5355	71652366	$5,876,090,273	$5,863,804,181	$11,739,894,454

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	33	$270,479,184	$270,879,030	$541,358,214
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	16	$43,386,387	$40,695,952	$84,082,338
Del Norte	0	$0	$0	$0
El Dorado	1	$0	$0	$0
Fresno	1	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	36	$85,624,499	$91,262,443	$176,886,942
Imperial	11	$18,460,884	$17,167,009	$35,627,893
Inyo	0	$0	$0	$0
Kern	3	$478,910	$478,910	$957,820
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	112	$1,057,051,798	$1,065,768,136	$2,122,819,934
Madera	0	$0	$0	$0
Marin	7	$3,773,677	$3,040,266	$6,813,943
Mariposa	0	$0	$0	$0
Mendocino	28	$54,642,598	$57,980,926	$112,623,524

Risk Analysis Results – Earthquake Shaking – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	2	$889,163	$889,163	$1,778,326
Napa	5	$18,126,293	$18,126,293	$36,252,586
Nevada	1	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	32	$87,915,625	$85,635,409	$173,551,034
Sacramento	0	$0	$0	$0
San Benito	6	$1,700,088	$1,574,112	$3,274,200
San Bernardino	20	$55,547,684	$56,526,669	$112,074,353
San Diego	1	$1,655,078	$1,655,078	$3,310,155
San Francisco	19	$201,171,598	$200,691,588	$401,863,186
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	18	$172,606,239	$174,159,598	$346,765,837
Santa Barbara	7	$6,731,334	$6,731,334	$13,462,668
Santa Clara	43	$107,117,794	$109,762,755	$216,880,549
Santa Cruz	6	$3,573,893	$4,199,128	$7,773,021
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	0	$0	$0	$0
Solano	5	$10,748,745	$12,695,553	$23,444,298
Sonoma	29	$66,723,987	$71,295,224	$138,019,212
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Earthquake Shaking – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	25	$89,119,791	$85,583,027	$174,702,818
Yolo	1	$0	$0	$0
Yuba	0	$0	$0	$0
Total	468	$2,357,525,251	$2,376,797,602	$4,734,322,853

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	184	$937,035,599	$957,409,190	$1,894,444,790
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	52	$230,685,422	$241,730,199	$472,415,621
Del Norte	84	$6,327,686	$4,199,692	$10,527,378
El Dorado	1	$0	$0	$0
Fresno	1	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	617	$217,970,933	$197,786,249	$415,757,181
Imperial	109	$105,072,747	$123,085,935	$228,158,681
Inyo	0	$0	$0	$0
Kern	49	$5,472,473	$6,951,275	$12,423,747
Kings	0	$0	$0	$0
Lake	1	$0	$0	$0

Risk Analysis Results – Earthquake Shaking – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	840	$2,823,670,915	$3,161,790,963	$5,985,461,879
Madera	0	$0	$0	$0
Marin	174	$27,462,093	$20,797,042	$48,259,135
Mariposa	0	$0	$0	$0
Mendocino	453	$78,875,728	$83,937,007	$162,812,734
Merced	6	$2,907,611	$2,907,611	$5,815,223
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	24	$1,383,060	$1,383,060	$2,766,120
Napa	206	$119,925,593	$135,980,119	$255,905,712
Nevada	1	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	184	$154,462,247	$135,441,952	$289,904,199
Sacramento	0	$0	$0	$0
San Benito	155	$71,758,475	$70,860,010	$142,618,486
San Bernardino	410	$211,916,342	$230,050,705	$441,967,047
San Diego	71	$3,152,144	$3,076,106	$6,228,250
San Francisco	193	$785,682,760	$781,204,285	$1,566,887,045
San Joaquin	0	$0	$0	$0
San Luis Obispo	3	$2,926,950	$4,390,425	$7,317,375
San Mateo	179	$363,239,629	$382,404,101	$745,643,730
Santa Barbara	421	$255,537,827	$172,294,746	$427,832,573
Santa Clara	192	$1,152,252,386	$879,535,829	$2,031,788,215
Santa Cruz	372	$48,521,913	$41,881,754	$90,403,667
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0

Risk Analysis Results – Earthquake Shaking – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	0	$0	$0	$0
Solano	50	$20,209,505	$17,808,004	$38,017,509
Sonoma	566	$446,229,570	$428,270,729	$874,500,299
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0
Trinity	3	$16,738,399	$25,107,598	$41,845,997
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	221	$144,197,516	$130,317,196	$274,514,712
Yolo	1	$0	$0	$0
Yuba	0	$0	$0	$0
Total	5823	$8,233,615,524	$8,240,601,782	$16,474,217,306

Risk Analysis Results – Earthquake Shaking – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	150	1707566	$71,675,721	$54,920,790	$126,596,511
Development Center	0	0	$0	$0	$0
Hospital	308	2866825	$95,505,290	$114,662,785	$210,168,075
Migrant Center	3	231750	$515,052,873	$257,526,437	$772,579,310
Special School	64	510744	$10,729,356	$9,928,709	$20,658,065
Other Facility	4830	66335481	$5,183,127,033	$5,426,765,460	$10,609,892,493
Total	5355	71652366	$5,876,090,273	$5,863,804,181	$11,739,894,454

Risk Analysis Results – Earthquake Shaking – State Highways by County

County	Miles of Highway
Alameda	322.4
Alpine	10.5
Amador	0.0
Butte	0.0
Calaveras	0.0
Colusa	0.0
Contra Costa	132.7
Del Norte	59.8
El Dorado	0.0
Fresno	23.2
Glenn	0.0
Humboldt	421.3
Imperial	379.5
Inyo	5.0
Kern	151.7
Kings	1.0
Lake	14.2
Lassen	0.0
Los Angeles	856.3
Madera	0.0
Marin	124.5
Mariposa	0.0
Mendocino	434.6
Merced	5.9
Modoc	0.0
Mono	0.0
Monterey	72.8
Napa	100.0
Nevada	0.0
Orange	10.8

Risk Analysis Results – Earthquake Shaking – State Highways by County

County	Miles of Highway
Placer	0.0
Plumas	0.0
Riverside	466.9
Sacramento	0.0
San Benito	179.4
San Bernardino	470.1
San Diego	16.5
San Francisco	50.7
San Joaquin	0.0
San Luis Obispo	106.4
San Mateo	384.6
Santa Barbara	155.0
Santa Clara	472.3
Santa Cruz	180.1
Shasta	0.0
Sierra	0.0
Siskiyou	0.0
Solano	68.3
Sonoma	361.6
Stanislaus	0.0
Sutter	0.0
Tehama	0.0
Trinity	2.1
Tulare	0.0
Tuolumne	0.0
Ventura	324.1
Yolo	0.0
Yuba	0.0
Total	6,364.1

Risk Analysis Results – Earthquake Shaking – State Water Project by Branch

County	Number of State-Owned Dams
California Aqueduct	14.2
Coastal Branch	21.3
East Branch	100.6
East Branch Extension	43.3
North Bay Aqueduct	5.8
Oroville	0.0
South Bay Aqueduct	23.2
West Branch	17.4
Total	225.7

Risk Analysis Results for Earthquake NEHRP Soils

Risk Analysis Results – NEHRP Soils (Earthquake) – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	9,224	83,922	11.0%
Alpine	2,714	50,861	5.3%
Amador	20	97,686	0.0%
Butte	3,945	88,320	4.5%
Calaveras	143	124,320	0.1%
Colusa	35,859	39,975	89.7%
Contra Costa	8,359	28,731	29.1%
Del Norte	1,029	10,802	9.5%
El Dorado	3,190	184,442	1.7%
Fresno	11,877	51,792	22.9%
Glenn	1,986	2,085	95.2%
Humboldt	16,959	78,482	21.6%
Imperial	348,092	710,020	49.0%
Inyo	226,367	246,441	91.9%
Kern	535,484	1,014,386	52.8%
Kings	7,712	8,907	86.6%
Lake	8,000	82,544	9.7%
Lassen	93,570	180,689	51.8%
Los Angeles	386,830	911,564	42.4%
Madera	947	41,190	2.3%
Marin	2,772	24,696	11.2%
Mariposa	191	228,533	0.1%
Mendocino	17,062	855,474	2.0%
Merced	3,058	12,030	25.4%
Modoc	1,249	2,853	43.8%
Mono	79,727	130,547	61.1%
Monterey	6,527	92,667	7.0%
Napa	5,373	169,772	3.2%
Nevada	2,331	146,358	1.6%

Risk Analysis Results – NEHRP Soils (Earthquake) – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	34,250	151,777	22.6%
Placer	4,742	122,653	3.9%
Plumas	26,440	60,257	43.9%
Riverside	369,415	1,065,179	34.7%
Sacramento	22,697	75,501	30.1%
San Benito	699	8,877	7.9%
San Bernardino	982,970	1,734,287	56.7%
San Diego	103,001	522,630	19.7%
San Francisco	2,242	4,245	52.8%
San Joaquin	10,292	28,214	36.5%
San Luis Obispo	93,573	733,458	12.8%
San Mateo	4,952	32,801	15.1%
Santa Barbara	5,594	28,657	19.5%
Santa Clara	8,847	43,054	20.5%
Santa Cruz	2,523	40,770	6.2%
Shasta	24,567	381,315	6.4%
Sierra	19,852	35,361	56.1%
Siskiyou	93,715	508,754	18.4%
Solano	38,742	55,831	69.4%
Sonoma	8,330	57,738	14.4%
Stanislaus	3,211	14,179	22.6%
Sutter	2,315	2,369	97.7%
Tehama	6,900	84,053	8.2%
Trinity	3,667	116,464	3.1%
Tulare	1,474	6,847	21.5%
Tuolumne	0	70,255	0.0%
Ventura	7,872	31,804	24.8%
Yolo	8,404	40,856	20.6%
Yuba	2,222	30,685	7.2%

Risk Analysis Results – NEHRP Soils (Earthquake) – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	3,714,106	11,788,962	31.5%

Risk Analysis Results – NEHRP Soils (Earthquake) – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	2	11	2	2	1	9	27
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	1	0	1	0	0	0	2
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	2	0	4	0	0	0	6
Contra Costa	0	7	2	0	0	0	3	12
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	4	3	5	0	0	0	12
Glenn	0	0	0	1	0	0	0	1
Humboldt	0	1	0	0	0	1	0	2
Imperial	0	5	7	1	0	0	3	16
Inyo	0	0	4	0	0	0	0	4
Kern	0	11	7	2	0	0	1	21
Kings	0	0	7	0	0	0	0	7
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	11	25	22	7	6	4	30	105
Madera	0	1	0	0	0	0	0	1
Marin	0	0	0	0	1	0	1	2
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	1	1	0	0	0	0	2
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	1	2	0	0	0	0	3
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – NEHRP Soils (Earthquake) – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	3	9	2	3	2	0	19
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	2	7	9	2	1	0	1	22
Sacramento	3	0	3	1	0	1	2	10
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	11	13	0	2	2	5	33
San Diego	0	2	4	0	1	0	13	20
San Francisco	2	0	1	0	2	1	7	13
San Joaquin	0	1	4	3	0	0	2	10
San Luis Obispo	2	1	0	0	0	1	0	4
San Mateo	0	1	1	0	0	1	1	4
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	10	3	4	0	2	1	3	23
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	1	0	1
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	6	1	0	1	0	8
Sonoma	0	0	0	0	0	1	0	1
Stanislaus	0	0	1	0	0	0	0	1
Sutter	0	1	1	1	0	0	0	3
Tehama	0	0	1	0	0	0	0	1
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	3	0	0	1	0	4
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	1	4	0	0	1	1	7
Yolo	0	0	1	2	0	0	2	5

Risk Analysis Results – NEHRP Soils (Earthquake) – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	30	92	131	35	20	20	84	412

Risk Analysis Results – NEHRP Soils (Earthquake) – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	$600.0 Million to $1.5 Billion	$3.6 Billion to Greater Than $6.0 Billion	$200.0 Million to $1.0 Billion	$1.1 Billion to Greater Than $1.5 Billion	$500.0 Million to $1.0 Billion	$1.8 Billion to Greater Than $3.9 Billion
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	$1.0 Billion to Greater Than $1.0 Billion	-	$100.0 Million to $500.0 Million	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	$200.0 Million to $1.0 Billion	-	$220.0 Million to $1.2 Billion	-	-	-
Contra Costa	-	$3.3 Billion to Greater Than $4.6 Billion	$110.0 Million to $600.0 Million	-	-	-	$610.0 Million to $1.6 Billion
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	$2.1 Billion to Greater Than $3.5 Billion	$210.0 Million to $1.1 Billion	$320.0 Million to $1.7 Billion	-	-	-
Glenn	-	-	-	$10.0 Million to $100.0 Million	-	-	-
Humboldt	-	$10.0 Million to $100.0 Million	-	-	-	$0 to $10.0 Million	-
Imperial	-	$2.2 Billion to Greater	$1.2 Billion to Greater Than $2.2 Billion	$10.0 Million to $100.0 Million	-	-	$1.1 Billion to $2.5 Billion

Risk Analysis Results – NEHRP Soils (Earthquake) – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
		Than $3.1 Billion					
Inyo	-	-	$2.1 Billion to Greater Than $3.5 Billion	-	-	-	-
Kern	-	$5.5 Billion to Greater Than $8.5 Billion	$250.0 Million to $1.5 Billion	$110.0 Million to $600.0 Million	-	-	$10.0 Million to $100.0 Million
Kings	-	-	$1.1 Billion to $2.9 Billion	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	$2.4 Billion to Greater Than $5.4 Billion	$12.0 Billion to Greater Than $19.1 Billion	$4.0 Billion to Greater Than $10.3 Billion	$430.0 Million to $2.3 Billion	$5.1 Billion to Greater Than $5.5 Billion	$220.0 Million to $1.2 Billion	$5.8 Billion to Greater Than $14.1 Billion
Madera	-	$100.0 Million to $500.0 Million	-	-	-	-	-
Marin	-	-	-	-	$10.0 Million to $100.0 Million	-	$10.0 Million to $100.0 Million
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	$1.0 Billion to Greater Than $1.0 Billion	$100.0 Million to $500.0 Million	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-

Risk Analysis Results – NEHRP Soils (Earthquake) – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Monterey	-	$100.0 Million to $500.0 Million	$600.0 Million to $1.5 Billion	-	-	-	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	$210.0 Million to $1.1 Billion	$2.3 Billion to Greater Than $4.8 Billion	$200.0 Million to $1.0 Billion	$20.0 Million to $210.0 Million	$10.0 Million to $110.0 Million	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	$200.0 Million to $1.0 Billion	$5.1 Billion to Greater Than $6.5 Billion	$260.0 Million to $1.6 Billion	$20.0 Million to $200.0 Million	$10.0 Million to $100.0 Million	-	$10.0 Million to $100.0 Million
Sacramento	$1.1 Billion to Greater Than $1.6 Billion	-	$210.0 Million to $1.1 Billion	$10.0 Million to $100.0 Million	-	$100.0 Million to $500.0 Million	$510.0 Million to $1.1 Billion
San Benito	-	-	-	-	-	-	-
San Bernardino	-	$5.1 Billion to Greater Than $8.0 Billion	$3.8 Billion to Greater Than $5.7 Billion	-	$1.0 Billion to Greater Than $1.0 Billion	$100.0 Million to $510.0 Million	$140.0 Million to $900.0 Million
San Diego	-	$110.0 Million to $600.0 Million	$130.0 Million to $800.0 Million	-	$100.0 Million to $500.0 Million	-	$4.4 Billion to Greater Than $8.3 Billion
San Francisco	$600.0 Million to $1.5 Billion	-	$500.0 Million to $1.0 Billion	-	$1.0 Billion to Greater Than $1.1 Billion	$10.0 Million to $100.0 Million	$3.8 Billion to Greater Than $5.5 Billion
San Joaquin	-	$1.0 Billion to Greater Than $1.0 Billion	$1.1 Billion to $2.6 Billion	$300.0 Million to $1.5 Billion	-	-	$1.0 Billion to Greater Than $1.1 Billion

Risk Analysis Results – NEHRP Soils (Earthquake) – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
San Luis Obispo	$1.0 Billion to $2.0 Billion	$1.0 Billion to Greater Than $1.0 Billion	-	-	-	$10.0 Million to $100.0 Million	-
San Mateo	-	$10.0 Million to $100.0 Million	$500.0 Million to $1.0 Billion	-	-	$100.0 Million to $500.0 Million	$100.0 Million to $500.0 Million
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	$1.2 Billion to $4.7 Billion	$210.0 Million to $1.1 Billion	$1.1 Billion to Greater Than $1.7 Billion	-	$2.0 Billion to Greater Than $2.0 Billion	$10.0 Million to $100.0 Million	$1.1 Billion to Greater Than $1.6 Billion
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	$10.0 Million to $100.0 Million	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	$720.0 Million to $2.2 Billion	$10.0 Million to $100.0 Million	-	$0 to $10.0 Million	-
Sonoma	-	-	-	-	-	$0 to $10.0 Million	-
Stanislaus	-	-	$10.0 Million to $100.0 Million	-	-	-	-
Sutter	-	$100.0 Million to $500.0 Million	$100.0 Million to $500.0 Million	$10.0 Million to $100.0 Million	-	-	-
Tehama	-	-	$100.0 Million to $500.0 Million	-	-	-	-
Trinity	-	-	-	-	-	-	-

Risk Analysis Results – NEHRP Soils (Earthquake) – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Tulare	-	-	$300.0 Million to $1.5 Billion	-	-	$10.0 Million to $100.0 Million	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	$100.0 Million to $500.0 Million	$40.0 Million to $400.0 Million	-	-	$10.0 Million to $100.0 Million	$1.0 Billion to Greater Than $1.0 Billion
Yolo	-	-	$1.0 Billion to Greater Than $1.0 Billion	$20.0 Million to $200.0 Million	-	-	$600.0 Million to $1.5 Billion
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – NEHRP Soils (Earthquake) – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	217,091	1,159,123	18.7%
Alpine	573	573	100.0%
Amador	0	10	0.0%
Butte	14,403	29,641	48.6%
Calaveras	0	218	0.0%
Colusa	10,216	19,194	53.2%
Contra Costa	90,372	398,330	22.7%
Del Norte	71	2,090	3.4%
El Dorado	6,038	17,912	33.7%
Fresno	94,275	117,566	80.2%
Glenn	20,183	27,823	72.5%
Humboldt	1,589	32,096	5.0%
Imperial	147,392	178,992	82.3%
Inyo	2,549	17,805	14.3%
Kern	347,587	655,568	53.0%
Kings	53,769	126,650	42.5%
Lake	4,154	18,061	23.0%
Lassen	1,515	22,327	6.8%
Los Angeles	2,644,605	5,756,018	45.9%
Madera	291	609	47.7%
Marin	12,769	79,673	16.0%
Mariposa	0	1	0.0%
Mendocino	11,790	16,203	72.8%
Merced	55,846	64,847	86.1%
Modoc	205	2,578	7.9%
Mono	0	3,857	0.0%
Monterey	64,881	168,603	38.5%
Napa	11,060	71,462	15.5%
Nevada	0	217	0.0%
Orange	714,824	1,948,841	36.7%

Risk Analysis Results – NEHRP Soils (Earthquake) – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	159	10,872	1.5%
Plumas	0	9,666	0.0%
Riverside	430,189	1,002,193	42.9%
Sacramento	44,047	300,720	14.6%
San Benito	4,463	29,307	15.2%
San Bernardino	695,361	1,642,725	42.3%
San Diego	123,570	349,313	35.4%
San Francisco	42,549	437,558	9.7%
San Joaquin	43,933	187,271	23.5%
San Luis Obispo	0	55,929	0.0%
San Mateo	43,158	304,625	14.2%
Santa Barbara	110,926	247,966	44.7%
Santa Clara	201,944	1,428,259	14.1%
Santa Cruz	31,304	45,756	68.4%
Shasta	6,627	42,827	15.5%
Sierra	0	1,587	0.0%
Siskiyou	4,180	12,553	33.3%
Solano	40,744	206,632	19.7%
Sonoma	36,402	246,585	14.8%
Stanislaus	21,557	61,859	34.8%
Sutter	43,608	96,329	45.3%
Tehama	19,648	26,310	74.7%
Trinity	0	1,853	0.0%
Tulare	202,610	331,439	61.1%
Tuolumne	0	0	0.0%
Ventura	164,941	563,188	29.3%
Yolo	51,441	185,527	27.7%
Yuba	7,246	12,871	56.3%
Total	6,898,652	18,778,609	36.7%

Risk Analysis Results – NEHRP Soils (Earthquake) – State Bridges by County

County	# of Bridges
Alameda	358
Alpine	2
Amador	0
Butte	28
Calaveras	0
Colusa	59
Contra Costa	162
Del Norte	4
El Dorado	3
Fresno	84
Glenn	69
Humboldt	87
Imperial	250
Inyo	33
Kern	274
Kings	42
Lake	17
Lassen	26
Los Angeles	1,413
Madera	7
Marin	61
Mariposa	0
Mendocino	71
Merced	62
Modoc	13
Mono	17
Monterey	116
Napa	44
Nevada	6
Orange	476

Risk Analysis Results – NEHRP Soils (Earthquake) – State Bridges by County

County	# of Bridges
Placer	15
Plumas	14
Riverside	462
Sacramento	164
San Benito	24
San Bernardino	728
San Diego	368
San Francisco	47
San Joaquin	127
San Luis Obispo	77
San Mateo	113
Santa Barbara	134
Santa Clara	436
Santa Cruz	31
Shasta	43
Sierra	5
Siskiyou	42
Solano	109
Sonoma	150
Stanislaus	39
Sutter	30
Tehama	80
Trinity	15
Tulare	141
Tuolumne	1
Ventura	248
Yolo	104
Yuba	7
Total	7,538

Risk Analysis Results – NEHRP Soils (Earthquake) – State Dams by County

County	Number of State-Owned Dams
Alameda	0
Alpine	0
Amador	0
Butte	1
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	0
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – NEHRP Soils (Earthquake) – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	1
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	2
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	1
Yuba	0
Total	5

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	1	54,000	$6,708,484	$6,708,484	$13,416,969
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	2,176	23,629,348	$2,106,526,246	$1,290,776,135	$3,397,302,381
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	65	523,918	$11,006,106	$10,184,807	$21,190,914
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	585	816,749	$42,633,040	$28,265,910	$70,898,950
CA Dept of Food and Agriculture	71	105,763	$27,426,771	$27,426,771	$54,853,543
CA Dept of Forestry and Fire Protection	405	856,442	$175,776,693	$169,591,463	$345,368,156
CA Dept of General Services	147	16,727,030	$1,362,161,808	$1,386,153,966	$2,748,315,775
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	14	818,733	$606,765,693	$311,004,919	$917,770,612
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	1	14,645	$3,285,839	$3,285,839	$6,571,679
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	56	619,134	$109,474,068	$108,309,204	$217,783,272
CA Dept of Parks and Recreation	2,008	2,767,233	$130,553,407	$115,337,691	$245,891,098
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	4	42,278	$5,950,867	$5,950,867	$11,901,734
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	2	119,500	$6,114,574	$4,531,982	$10,646,556
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	1,037	3,121,792	$451,139,940	$421,129,008	$872,268,949
CA Dept of Veterans Affairs	14	402,732	$39,837,108	$26,558,947	$66,396,055
CA Dept of Water Resources	8	127,435	$7,956,995	$7,487,388	$15,444,383
CA Employment Development Department	8	193,090	$17,612,378	$16,996,698	$34,609,076
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	38	101,674	$5,915,350	$5,915,350	$11,830,700
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	47	1,156,350	$399,139,462	$383,882,594	$783,022,056
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	90	345,584	$115,283,878	$152,409,571	$267,693,448
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	6	327,761	$44,745,018	$44,745,018	$89,490,036
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	6	56,690	$6,937,317	$6,937,317	$13,874,633
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	1	3,325	$0	$0	$0
California State Legislature	1	237,000	$100,716,549	$100,716,549	$201,433,099
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	609	31,901,168	$1,843,027,827	$1,890,608,089	$3,733,635,916

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	2	8,550	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	1	21,200	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	660	3,942,756	$557,337,527	$566,950,739	$1,124,288,266
Exposition Park California	9	1,828,101	$51,659,745	$51,659,745	$103,319,490
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	62	5,605,599	$719,920,688	$788,690,479	$1,508,611,167
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	6	6,684	$57,781	$28,891	$86,672
Santa Monica Mountains Conservancy	37	17,870	$865,597	$432,798	$1,298,395
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	1,234	7,903,413	$107,109,746	$130,980,794	$238,090,540

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	9,411	104,403,547	$9,063,646,503	$8,063,658,016	$17,127,304,519

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	1	$823,326	$411,663	$1,234,988
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	22	$56,300,787	$55,790,931	$112,091,717
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	1	$16,931,946	$16,931,946	$33,863,892
CA Delta Protection Commission	1	$8,545,399	$12,818,099	$21,363,498
CA Dept of Aging	1	$304,150	$152,075	$456,224
CA Dept of Alcoholic Beverage Control	14	$74,753,263	$74,753,263	$149,506,527
CA Dept of Cannabis Control	5	$25,715,155	$25,715,155	$51,430,309
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	1	$3,989,743	$3,989,743	$7,979,485
CA Dept of Conservation	6	$52,893,301	$52,893,301	$105,786,601
CA Dept of Consumer Affairs	44	$249,707,356	$278,406,129	$528,113,486
CA Dept of Corrections and Rehabilitation	47	$155,543,234	$149,733,821	$305,277,055
CA Dept of Developmental Services	4	$19,418,453	$15,189,315	$34,607,768
CA Dept of Education	27	$112,007,205	$109,911,591	$221,918,797
CA Dept of Fair Employment and Housing	2	$18,283,504	$18,283,504	$36,567,008
CA Dept of Financial Protection and Innovation	8	$127,320,864	$127,320,864	$254,641,727
CA Dept of Fish and Wildlife	110	$315,602,864	$325,666,232	$641,269,096
CA Dept of Food and Agriculture	48	$129,556,693	$138,527,764	$268,084,457

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	47	$64,159,158	$66,599,835	$130,758,993
CA Dept of General Services	19	$275,477,631	$289,319,630	$564,797,261
CA Dept of Health Care Access and Information	2	$17,050,084	$21,727,344	$38,777,427
CA Dept of Health Care Services	11	$78,032,090	$80,685,377	$158,717,468
CA Dept of Housing & Community Development	2	$9,014,921	$9,014,921	$18,029,841
CA Dept of Human Resources	1	$15,260,354	$15,260,354	$30,520,708
CA Dept of Industrial Relations	32	$183,427,579	$177,965,509	$361,393,088
CA Dept of Insurance	11	$86,183,472	$86,806,815	$172,990,286
CA Dept of Justice	7	$41,780,055	$41,780,055	$83,560,109
CA Dept of Managed Health Care	1	$16,931,946	$16,931,946	$33,863,892
CA Dept of Motor Vehicles	77	$301,684,331	$295,644,557	$597,328,887
CA Dept of Parks and Recreation	13	$47,266,949	$47,044,626	$94,311,575
CA Dept of Pesticide Regulation	2	$36,700,382	$36,700,382	$73,400,763
CA Dept of Public Health	28	$185,137,834	$189,204,711	$374,342,545
CA Dept of Real Estate	1	$738,876	$738,876	$1,477,753
CA Dept of Rehabilitation	42	$141,643,762	$145,501,380	$287,145,142
CA Dept of Resources Recycling and Recovery	10	$116,147,485	$116,147,485	$232,294,970
CA Dept of Social Services	20	$108,217,028	$110,870,315	$219,087,342
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	11	$81,435,199	$81,324,875	$162,760,074
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	4	$18,384,623	$18,384,623	$36,769,247
CA Dept of Transportation	36	$90,295,816	$84,327,153	$174,622,969
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	11	$32,709,169	$35,012,776	$67,721,945

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	66	$359,693,881	$358,168,462	$717,862,342
CA Franchise Tax Board	4	$47,516,109	$47,516,109	$95,032,217
CA Governor's Office of Emergency Services	19	$39,983,062	$40,688,594	$80,671,656
CA Governor's Office of Business and Economic Development	3	$60,043,185	$60,043,185	$120,086,370
CA Native American Heritage Commission	1	$3,317,820	$3,317,820	$6,635,641
CA Office of Administrative Law	1	$18,452,265	$18,452,265	$36,904,529
CA Office of Lieutenant Governor	1	$7,901,513	$7,901,513	$15,803,026
CA Office of Systems Integration	5	$31,126,211	$31,126,211	$62,252,421
CA Office of Tax Appeals	4	$164,652,195	$164,652,195	$329,304,390
CA Office of the Inspector General	2	$5,845,263	$5,845,263	$11,690,525
CA State Controller's Office	4	$65,582,092	$65,582,092	$131,164,185
California Agricultural Labor Relations Board	4	$30,060,827	$30,060,827	$60,121,655
California Arts Council	1	$3,551,663	$3,551,663	$7,103,325
California Board of State and Community Corrections	1	$2,750,277	$2,750,277	$5,500,553
California Children and Families Commission	1	$3,989,743	$3,989,743	$7,979,485
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	4	$11,785,624	$14,234,122	$26,019,746
California Commission on Teacher Credentialing	1	$6,293,415	$6,293,415	$12,586,829
California Commission on the Status of Women and Girls	1	$12,179,499	$12,179,499	$24,358,999
California Community Colleges Board of Governors	1	$27,224,918	$27,224,918	$54,449,835
California Conservation Corps	13	$22,873,127	$24,017,975	$46,891,101
California Education Audit Appeals Panel	1	$28,396,102	$28,396,102	$56,792,204

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	1	$9,354,520	$14,031,779	$23,386,299
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	1	$27,224,918	$27,224,918	$54,449,835
California Gambling Control Commission	1	$4,198,708	$4,198,708	$8,397,415
California Government Operation Agency	2	$58,507,901	$58,507,901	$117,015,802
California Health and Human Services Agency	1	$12,179,499	$12,179,499	$24,358,999
California Health Benefit Exchange	1	$22,802,730	$34,204,095	$57,006,825
California High-Speed Rail Authority	6	$170,376,613	$170,376,613	$340,753,225
California Highway Patrol	35	$91,452,564	$104,323,382	$195,775,945
California Horse Racing Board	1	$8,143,542	$8,143,542	$16,287,084
California Law Revision Commission	1	$1,421,468	$1,421,468	$2,842,936
California Lottery	4	$20,213,717	$20,213,717	$40,427,433
California Mental Health Services Oversight and Accountability Commission	2	$32,573,769	$32,573,769	$65,147,537
California Military Department	5	$10,934,406	$10,051,016	$20,985,422
California Office of the State Public Defender	2	$36,507,772	$36,507,772	$73,015,544
California Prison Industry Authority	1	$3,786,976	$5,680,464	$9,467,440
California Public Employment Relations Board	2	$7,990,710	$7,990,710	$15,981,420
California Public Utilities Commission	11	$162,286,014	$162,286,014	$324,572,028
California State Board of Equalization	5	$61,842,356	$61,842,356	$123,684,712
California State Independent Living Council	1	$5,094,778	$5,094,778	$10,189,556

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	1	$5,582,055	$5,582,055	$11,164,110
California State Legislature	0	$0	$0	$0
California State Personnel Board	1	$3,711,669	$3,711,669	$7,423,338
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	45	$47,563,767	$47,099,984	$94,663,751
California State Water Resources Control Board	15	$84,633,152	$84,633,152	$169,266,304
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	1			$0
California Victim Compensation Board	1	$49,414,245	$49,414,245	$98,828,490
Cannabis Control Appeals Panel	1	$49,414,245	$49,414,245	$98,828,490
Central Valley Flood Protection Board	1	$5,028,686	$5,028,686	$10,057,372
Coachella Valley Mountains Conservancy	1	$4,312,511	$4,312,511	$8,625,023
Commission on Peace Officer Standards and Training	3	$4,022,477	$3,946,696	$7,969,173
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	1	$12,712,930	$12,712,930	$25,425,861
Habeas Corpus Resource Center	2	$15,293,922	$15,293,922	$30,587,845
Judicial Council of California	5	$36,491,964	$36,080,301	$72,572,265
Milton Marks (Little Hoover) Commission	1	$12,179,499	$12,179,499	$24,358,999
Sacramento-San Joaquin Delta Conservancy	1	$3,600,158	$3,600,158	$7,200,315
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	1	$43,490,184	$43,490,184	$86,980,367
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	2	$14,405,877	$14,722,891	$29,128,768
University of California	0	$0	$0	$0
Total	1,037	$5,436,392,749	$5,526,604,492	$10,962,997,241

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	1	$823,326	$411,663	$1,234,988
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	23	$63,009,271	$62,499,415	$125,508,686
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	1	$16,931,946	$16,931,946	$33,863,892
CA Delta Protection Commission	1	$8,545,399	$12,818,099	$21,363,498
CA Dept of Aging	1	$304,150	$152,075	$456,224
CA Dept of Alcoholic Beverage Control	14	$74,753,263	$74,753,263	$149,506,527
CA Dept of Cannabis Control	5	$25,715,155	$25,715,155	$51,430,309
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	1	$3,989,743	$3,989,743	$7,979,485
CA Dept of Conservation	6	$52,893,301	$52,893,301	$105,786,601
CA Dept of Consumer Affairs	44	$249,707,356	$278,406,129	$528,113,486
CA Dept of Corrections and Rehabilitation	2,223	$2,262,069,480	$1,440,509,956	$3,702,579,436

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	4	$19,418,453	$15,189,315	$34,607,768
CA Dept of Education	92	$123,013,311	$120,096,399	$243,109,710
CA Dept of Fair Employment and Housing	2	$18,283,504	$18,283,504	$36,567,008
CA Dept of Financial Protection and Innovation	8	$127,320,864	$127,320,864	$254,641,727
CA Dept of Fish and Wildlife	695	$358,235,903	$353,932,142	$712,168,045
CA Dept of Food and Agriculture	119	$156,983,465	$165,954,535	$322,938,000
CA Dept of Forestry and Fire Protection	452	$239,935,850	$236,191,299	$476,127,149
CA Dept of General Services	166	$1,637,639,439	$1,675,473,596	$3,313,113,035
CA Dept of Health Care Access and Information	2	$17,050,084	$21,727,344	$38,777,427
CA Dept of Health Care Services	11	$78,032,090	$80,685,377	$158,717,468
CA Dept of Housing & Community Development	16	$615,780,614	$320,019,839	$935,800,453
CA Dept of Human Resources	1	$15,260,354	$15,260,354	$30,520,708
CA Dept of Industrial Relations	32	$183,427,579	$177,965,509	$361,393,088
CA Dept of Insurance	11	$86,183,472	$86,806,815	$172,990,286
CA Dept of Justice	8	$45,065,894	$45,065,894	$90,131,788
CA Dept of Managed Health Care	1	$16,931,946	$16,931,946	$33,863,892
CA Dept of Motor Vehicles	133	$411,158,398	$403,953,761	$815,112,159
CA Dept of Parks and Recreation	2,021	$177,820,356	$162,382,317	$340,202,674
CA Dept of Pesticide Regulation	2	$36,700,382	$36,700,382	$73,400,763
CA Dept of Public Health	28	$185,137,834	$189,204,711	$374,342,545
CA Dept of Real Estate	1	$738,876	$738,876	$1,477,753
CA Dept of Rehabilitation	46	$147,594,629	$151,452,247	$299,046,876
CA Dept of Resources Recycling and Recovery	10	$116,147,485	$116,147,485	$232,294,970
CA Dept of Social Services	20	$108,217,028	$110,870,315	$219,087,342
CA Dept of State Hospitals	2	$6,114,574	$4,531,982	$10,646,556

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	11	$81,435,199	$81,324,875	$162,760,074
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	4	$18,384,623	$18,384,623	$36,769,247
CA Dept of Transportation	1,073	$541,435,757	$505,456,161	$1,046,891,918
CA Dept of Veterans Affairs	14	$39,837,108	$26,558,947	$66,396,055
CA Dept of Water Resources	19	$40,666,164	$42,500,164	$83,166,329
CA Employment Development Department	74	$377,306,259	$375,165,160	$752,471,419
CA Franchise Tax Board	4	$47,516,109	$47,516,109	$95,032,217
CA Governor's Office of Emergency Services	19	$39,983,062	$40,688,594	$80,671,656
CA Governor's Office of Business and Economic Development	3	$60,043,185	$60,043,185	$120,086,370
CA Native American Heritage Commission	1	$3,317,820	$3,317,820	$6,635,641
CA Office of Administrative Law	1	$18,452,265	$18,452,265	$36,904,529
CA Office of Lieutenant Governor	1	$7,901,513	$7,901,513	$15,803,026
CA Office of Systems Integration	5	$31,126,211	$31,126,211	$62,252,421
CA Office of Tax Appeals	4	$164,652,195	$164,652,195	$329,304,390
CA Office of the Inspector General	2	$5,845,263	$5,845,263	$11,690,525
CA State Controller's Office	4	$65,582,092	$65,582,092	$131,164,185
California Agricultural Labor Relations Board	4	$30,060,827	$30,060,827	$60,121,655
California Arts Council	1	$3,551,663	$3,551,663	$7,103,325
California Board of State and Community Corrections	1	$2,750,277	$2,750,277	$5,500,553
California Children and Families Commission	1	$3,989,743	$3,989,743	$7,979,485
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	4	$11,785,624	$14,234,122	$26,019,746

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	1	$6,293,415	$6,293,415	$12,586,829
California Commission on the Status of Women and Girls	1	$12,179,499	$12,179,499	$24,358,999
California Community Colleges Board of Governors	1	$27,224,918	$27,224,918	$54,449,835
California Conservation Corps	51	$28,788,477	$29,933,324	$58,721,801
California Education Audit Appeals Panel	1	$28,396,102	$28,396,102	$56,792,204
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	1	$9,354,520	$14,031,779	$23,386,299
California Exposition and State Fair	47	$399,139,462	$383,882,594	$783,022,056
California Fair Political Practices Commission	1	$27,224,918	$27,224,918	$54,449,835
California Gambling Control Commission	1	$4,198,708	$4,198,708	$8,397,415
California Government Operation Agency	2	$58,507,901	$58,507,901	$117,015,802
California Health and Human Services Agency	1	$12,179,499	$12,179,499	$24,358,999
California Health Benefit Exchange	1	$22,802,730	$34,204,095	$57,006,825
California High-Speed Rail Authority	6	$170,376,613	$170,376,613	$340,753,225
California Highway Patrol	125	$206,736,441	$256,732,952	$463,469,394
California Horse Racing Board	1	$8,143,542	$8,143,542	$16,287,084
California Law Revision Commission	1	$1,421,468	$1,421,468	$2,842,936
California Lottery	10	$64,958,735	$64,958,735	$129,917,469
California Mental Health Services Oversight and Accountability Commission	2	$32,573,769	$32,573,769	$65,147,537
California Military Department	11	$17,871,722	$16,988,333	$34,860,056
California Office of the State Public Defender	2	$36,507,772	$36,507,772	$73,015,544

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	1	$3,786,976	$5,680,464	$9,467,440
California Public Employment Relations Board	2	$7,990,710	$7,990,710	$15,981,420
California Public Utilities Commission	11	$162,286,014	$162,286,014	$324,572,028
California State Board of Equalization	5	$61,842,356	$61,842,356	$123,684,712
California State Independent Living Council	1	$5,094,778	$5,094,778	$10,189,556
California State Lands Commission	2	$5,582,055	$5,582,055	$11,164,110
California State Legislature	1	$100,716,549	$100,716,549	$201,433,099
California State Personnel Board	1	$3,711,669	$3,711,669	$7,423,338
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	654	$1,890,591,594	$1,937,708,073	$3,828,299,667
California State Water Resources Control Board	15	$84,633,152	$84,633,152	$169,266,304
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	2	$0	$0	$0
California Transportation Commission	1	$0	$0	$0
California Victim Compensation Board	1	$49,414,245	$49,414,245	$98,828,490
Cannabis Control Appeals Panel	1	$49,414,245	$49,414,245	$98,828,490
Central Valley Flood Protection Board	2	$5,028,686	$5,028,686	$10,057,372
Coachella Valley Mountains Conservancy	1	$4,312,511	$4,312,511	$8,625,023
Commission on Peace Officer Standards and Training	3	$4,022,477	$3,946,696	$7,969,173
District Agricultural Associations	660	$557,337,527	$566,950,739	$1,124,288,266
Exposition Park California	9	$51,659,745	$51,659,745	$103,319,490

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	1	$12,712,930	$12,712,930	$25,425,861
Habeas Corpus Resource Center	2	$15,293,922	$15,293,922	$30,587,845
Judicial Council of California	67	$756,412,652	$824,770,780	$1,581,183,432
Milton Marks (Little Hoover) Commission	1	$12,179,499	$12,179,499	$24,358,999
Sacramento-San Joaquin Delta Conservancy	1	$3,600,158	$3,600,158	$7,200,315
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	1	$43,490,184	$43,490,184	$86,980,367
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	6	$57,781	$28,891	$86,672
Santa Monica Mountains Conservancy	37	$865,597	$432,798	$1,298,395
Sierra Nevada Conservancy	2	$14,405,877	$14,722,891	$29,128,768
University of California	1,234	$107,109,746	$130,980,794	$238,090,540
Total	10,448	$14,500,039,252	$13,590,262,508	$28,090,301,760

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	111	2,189,626	$217,859,713	$244,142,666	$462,002,379
Alpine	6	12,134	$2,418,546	$1,791,756	$4,210,303
Amador	0	0	$0	$0	$0
Butte	53	219,003	$8,705,581	$6,806,016	$15,511,597
Calaveras	0	0	$0	$0	$0
Colusa	52	223,610	$3,132,478	$3,132,478	$6,264,955
Contra Costa	47	359,743	$66,994,552	$66,224,549	$133,219,101
Del Norte	63	83,806	$541,416	$270,708	$812,124
El Dorado	2	8,550	$0	$0	$0
Fresno	176	1,209,389	$132,706,116	$68,077,649	$200,783,764
Glenn	50	199,072	$26,111,465	$29,857,748	$55,969,212
Humboldt	107	371,690	$18,770,497	$17,370,750	$36,141,247
Imperial	339	2,653,540	$181,994,255	$169,433,538	$351,427,793
Inyo	144	304,425	$94,092,391	$69,755,804	$163,848,195
Kern	653	6,707,619	$494,577,563	$420,914,356	$915,491,919
Kings	443	5,156,839	$327,735,131	$164,664,867	$492,399,998
Lake	49	128,218	$7,292,457	$7,292,457	$14,584,913
Lassen	284	2,051,499	$156,905,644	$85,904,974	$242,810,618
Los Angeles	622	15,659,183	$764,300,536	$839,294,455	$1,603,594,991
Madera	4	3,900	$0	$0	$0
Marin	83	353,363	$14,145,676	$11,832,881	$25,978,557
Mariposa	0	0	$0	$0	$0
Mendocino	194	144,563	$11,146,042	$13,387,972	$24,534,014
Merced	51	130,934	$17,521,015	$12,083,308	$29,604,323
Modoc	31	193,933	$11,273,902	$5,636,951	$16,910,853
Mono	77	124,005	$11,078,046	$7,935,306	$19,013,352
Monterey	220	1,313,953	$137,171,126	$78,250,739	$215,421,865
Napa	64	245,252	$23,162,202	$26,438,413	$49,600,615
Nevada	20	87,366	$3,413,608	$3,413,608	$6,827,215

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	259	5,779,246	$246,344,944	$276,420,057	$522,765,001
Placer	11	14,423	$2,779,566	$2,690,343	$5,469,908
Plumas	22	59,497	$3,294,151	$3,294,151	$6,588,303
Riverside	328	2,493,519	$162,082,410	$97,130,283	$259,212,693
Sacramento	322	20,087,845	$1,969,027,570	$1,974,881,709	$3,943,909,279
San Benito	92	140,756	$54,572,472	$55,930,859	$110,503,331
San Bernardino	494	6,273,347	$760,236,651	$496,685,388	$1,256,922,039
San Diego	419	1,862,373	$506,412,056	$489,333,137	$995,745,193
San Francisco	122	4,509,266	$390,829,894	$430,885,986	$821,715,880
San Joaquin	98	899,729	$50,342,470	$50,012,735	$100,355,205
San Luis Obispo	94	158,967	$17,075,656	$21,651,011	$38,726,667
San Mateo	94	175,597	$26,339,585	$29,657,023	$55,996,608
Santa Barbara	112	299,171	$14,602,831	$16,422,706	$31,025,536
Santa Clara	114	5,865,978	$1,027,743,934	$748,068,315	$1,775,812,249
Santa Cruz	308	446,781	$35,137,187	$27,871,794	$63,008,980
Shasta	73	366,399	$19,386,089	$21,152,241	$40,538,330
Sierra	8	13,234	$1,505,601	$1,505,601	$3,011,201
Siskiyou	148	455,638	$10,385,943	$9,691,529	$20,077,472
Solano	260	2,796,677	$279,047,583	$185,089,138	$464,136,721
Sonoma	241	2,292,625	$236,495,354	$202,758,773	$439,254,128
Stanislaus	9	122,927	$34,944,619	$20,715,264	$55,659,883
Sutter	47	322,403	$22,380,565	$25,172,168	$47,552,733
Tehama	94	282,672	$3,697,135	$3,083,358	$6,780,493
Trinity	14	25,785	$21,940,444	$30,741,091	$52,681,535
Tulare	153	499,642	$37,795,063	$37,795,063	$75,590,127
Tuolumne	0	0	$0	$0	$0
Ventura	279	1,812,959	$292,322,582	$348,598,339	$640,920,921
Yolo	1,234	6,199,550	$95,526,632	$94,158,448	$189,685,080
Yuba	17	11,326	$8,347,559	$8,347,559	$16,695,119

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	9,411	104,403,547	$9,063,646,503	$8,063,658,016	$17,127,304,519

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	31	$220,745,737	$221,145,583	$441,891,319
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	8	$12,915,719	$13,998,709	$26,914,429
Calaveras	0	$0	$0	$0
Colusa	3	$11,826,640	$11,826,640	$23,653,279
Contra Costa	11	$34,019,397	$29,016,473	$63,035,870
Del Norte	0	$0	$0	$0
El Dorado	3	$2,582,778	$2,582,778	$5,165,556
Fresno	4	$3,083,380	$3,083,380	$6,166,760
Glenn	2	$2,149,720	$2,149,720	$4,299,439
Humboldt	23	$45,451,456	$51,250,240	$96,701,696
Imperial	11	$18,460,884	$17,167,009	$35,627,893
Inyo	11	$17,281,385	$15,872,749	$33,154,134
Kern	50	$164,593,850	$169,759,186	$334,353,036
Kings	2	$930,764	$850,674	$1,781,438
Lake	5	$26,599,804	$15,332,369	$41,932,173
Lassen	7	$35,821,534	$31,936,498	$67,758,031
Los Angeles	139	$654,162,324	$661,284,637	$1,315,446,962
Madera	0	$0	$0	$0
Marin	8	$7,940,224	$7,206,812	$15,147,036
Mariposa	0	$0	$0	$0
Mendocino	12	$24,933,194	$28,456,290	$53,389,484

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	3	$3,628,899	$3,628,899	$7,257,798
Modoc	1	$151,561	$75,781	$227,342
Mono	0	$0	$0	$0
Monterey	12	$13,589,754	$11,394,894	$24,984,649
Napa	7	$20,375,248	$20,296,767	$40,672,015
Nevada	1	$0	$0	$0
Orange	53	$408,471,804	$406,084,039	$814,555,843
Placer	0	$0	$0	$0
Plumas	6	$9,575,060	$9,864,179	$19,439,239
Riverside	38	$90,890,821	$87,019,304	$177,910,125
Sacramento	226	$2,246,100,132	$2,308,862,757	$4,554,962,889
San Benito	4	$1,448,135	$1,448,135	$2,896,270
San Bernardino	59	$188,490,262	$190,126,599	$378,616,862
San Diego	28	$117,811,316	$117,938,223	$235,749,540
San Francisco	18	$200,745,222	$200,265,212	$401,010,434
San Joaquin	8	$11,310,256	$12,293,125	$23,603,381
San Luis Obispo	14	$21,522,176	$21,522,176	$43,044,351
San Mateo	12	$93,450,962	$93,450,962	$186,901,925
Santa Barbara	10	$15,921,040	$14,410,745	$30,331,785
Santa Clara	34	$93,332,872	$96,104,931	$189,437,803
Santa Cruz	3	$1,006,139	$837,838	$1,843,977
Shasta	15	$28,256,365	$28,036,734	$56,293,099
Sierra	0	$0	$0	$0
Siskiyou	13	$9,022,274	$8,880,910	$17,903,184
Solano	21	$106,137,342	$113,754,035	$219,891,377
Sonoma	23	$30,869,998	$35,236,363	$66,106,362
Stanislaus	0	$0	$0	$0
Sutter	2	$2,052,943	$2,052,943	$4,105,885
Tehama	4	$3,378,563	$3,273,292	$6,651,854

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	1	$0	$0	$0
Tulare	18	$52,216,543	$52,216,543	$104,433,086
Tuolumne	0	$0	$0	$0
Ventura	32	$102,190,895	$98,772,566	$200,963,460
Yolo	40	$280,947,376	$305,836,794	$586,784,170
Yuba	1	$0	$0	$0
Total	1,037	$5,436,392,749	$5,526,604,492	$10,962,997,241

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	142	$438,605,450	$465,288,248	$903,893,698
Alpine	6	$2,418,546	$1,791,756	$4,210,303
Amador	0	$0	$0	$0
Butte	61	$21,621,300	$20,804,726	$42,426,026
Calaveras	0	$0	$0	$0
Colusa	55	$14,959,117	$14,959,117	$29,918,234
Contra Costa	58	$101,013,950	$95,241,021	$196,254,971
Del Norte	63	$541,416	$270,708	$812,124
El Dorado	5	$2,582,778	$2,582,778	$5,165,556
Fresno	180	$135,789,496	$71,161,029	$206,950,524
Glenn	52	$28,261,184	$32,007,467	$60,268,652
Humboldt	130	$64,221,953	$68,620,990	$132,842,943
Imperial	350	$200,455,139	$186,600,547	$387,055,686
Inyo	155	$111,373,776	$85,628,553	$197,002,329
Kern	703	$659,171,413	$590,673,542	$1,249,844,955
Kings	445	$328,665,896	$165,515,541	$494,181,436
Lake	54	$33,892,260	$22,624,826	$56,517,086

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	291	$192,727,177	$117,841,472	$310,568,649
Los Angeles	761	$1,418,462,860	$1,500,579,092	$2,919,041,953
Madera	4	$0	$0	$0
Marin	91	$22,085,900	$19,039,693	$41,125,593
Mariposa	0	$0	$0	$0
Mendocino	206	$36,079,236	$41,844,262	$77,923,498
Merced	54	$21,149,914	$15,712,207	$36,862,121
Modoc	32	$11,425,463	$5,712,732	$17,138,195
Mono	77	$11,078,046	$7,935,306	$19,013,352
Monterey	232	$150,760,880	$89,645,633	$240,406,514
Napa	71	$43,537,450	$46,735,180	$90,272,630
Nevada	21	$3,413,608	$3,413,608	$6,827,215
Orange	312	$654,816,748	$682,504,096	$1,337,320,844
Placer	11	$2,779,566	$2,690,343	$5,469,908
Plumas	28	$12,869,211	$13,158,331	$26,027,542
Riverside	366	$252,973,232	$184,149,587	$437,122,818
Sacramento	548	$4,215,127,702	$4,283,744,466	$8,498,872,168
San Benito	96	$56,020,607	$57,378,994	$113,399,601
San Bernardino	553	$948,726,914	$686,811,987	$1,635,538,901
San Diego	447	$624,223,372	$607,271,360	$1,231,494,732
San Francisco	140	$591,575,116	$631,151,198	$1,222,726,314
San Joaquin	106	$61,652,726	$62,305,861	$123,958,586
San Luis Obispo	108	$38,597,832	$43,173,187	$81,771,019
San Mateo	106	$119,790,547	$123,107,985	$242,898,532
Santa Barbara	122	$30,523,870	$30,833,451	$61,357,321
Santa Clara	148	$1,121,076,806	$844,173,245	$1,965,250,051
Santa Cruz	311	$36,143,326	$28,709,632	$64,852,958
Shasta	88	$47,642,454	$49,188,975	$96,831,429
Sierra	8	$1,505,601	$1,505,601	$3,011,201

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	161	$19,408,217	$18,572,438	$37,980,656
Solano	281	$385,184,926	$298,843,173	$684,028,099
Sonoma	264	$267,365,353	$237,995,137	$505,360,490
Stanislaus	9	$34,944,619	$20,715,264	$55,659,883
Sutter	49	$24,433,507	$27,225,111	$51,658,618
Tehama	98	$7,075,698	$6,356,649	$13,432,347
Trinity	15	$21,940,444	$30,741,091	$52,681,535
Tulare	171	$90,011,606	$90,011,606	$180,023,213
Tuolumne	0	$0	$0	$0
Ventura	311	$394,513,477	$447,370,905	$841,884,381
Yolo	1,274	$376,474,007	$399,995,242	$776,469,249
Yuba	18	$8,347,559	$8,347,559	$16,695,119
Total	10,448	$14,500,039,252	$13,590,262,508	$28,090,301,760

Risk Analysis Results – NEHRP Soils (Earthquake) – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	2,176	23,629,348	$2,106,526,246	$1,290,776,135	$3,397,302,381
Development Center	0	0	$0	$0	$0
Hospital	2	119,500	$6,114,574	$4,531,982	$10,646,556
Migrant Center	14	818,733	$606,765,693	$311,004,919	$917,770,612
Special School	64	510,744	$10,729,356	$9,928,709	$20,658,065
Other Facility	7,155	79,325,222	$6,333,510,634	$6,447,416,272	$12,780,926,905
Total	9,411	104,403,547	$9,063,646,503	$8,063,658,016	$17,127,304,519

Risk Analysis Results – NEHRP Soils (Earthquake) – State Highways by County

County	Miles of Highway
Alameda	275.5
Alpine	18.8
Amador	0.1
Butte	66.0
Calaveras	0.1
Colusa	192.3
Contra Costa	94.0
Del Norte	12.1
El Dorado	10.5
Fresno	432.9
Glenn	180.1
Humboldt	165.8
Imperial	680.3
Inyo	616.2
Kern	1,150.0
Kings	221.8
Lake	76.3
Lassen	271.8
Los Angeles	892.3
Madera	1.9
Marin	75.1
Mariposa	0.0
Mendocino	103.3
Merced	188.8
Modoc	105.1
Mono	313.6
Monterey	259.9
Napa	102.5
Nevada	14.6
Orange	336.5

Risk Analysis Results – NEHRP Soils (Earthquake) – State Highways by County

County	Miles of Highway
Placer	20.0
Plumas	159.3
Riverside	712.5
Sacramento	200.2
San Benito	122.0
San Bernardino	1,522.2
San Diego	297.9
San Francisco	34.7
San Joaquin	163.3
San Luis Obispo	197.2
San Mateo	152.5
Santa Barbara	281.6
Santa Clara	300.6
Santa Cruz	61.7
Shasta	81.2
Sierra	55.8
Siskiyou	214.1
Solano	179.3
Sonoma	193.4
Stanislaus	105.2
Sutter	146.1
Tehama	110.6
Trinity	53.0
Tulare	336.2
Tuolumne	3.4
Ventura	339.5
Yolo	206.8
Yuba	12.2
Total	13,120.8

Risk Analysis Results – NEHRP Soils (Earthquake) – State Water Project by Branch

County	Number of State-Owned Dams
California Aqueduct	210.3
Coastal Branch	45.3
East Branch	79.7
East Branch Extension	29.6
North Bay Aqueduct	13.7
Oroville	0.6
South Bay Aqueduct	11.7
West Branch	7.2
Total	398.0

Risk Analysis Results for High Landslide Susceptibility

Risk Analysis Results – High Susceptibility to Landslides – State Bridges by County

County	# of Bridges
Alameda	102
Alpine	7
Amador	3
Butte	16
Calaveras	2
Colusa	5
Contra Costa	74
Del Norte	19
El Dorado	8
Fresno	56
Glenn	8
Humboldt	71
Imperial	27
Inyo	9
Kern	44
Kings	6
Lake	6
Lassen	1
Los Angeles	620
Madera	12
Marin	22
Mariposa	1
Mendocino	65
Merced	35
Modoc	3
Mono	5
Monterey	63
Napa	13
Nevada	14
Orange	129

Risk Analysis Results – High Susceptibility to Landslides – State Bridges by County

County	# of Bridges
Placer	25
Plumas	12
Riverside	91
Sacramento	64
San Benito	11
San Bernardino	194
San Diego	239
San Francisco	51
San Joaquin	43
San Luis Obispo	52
San Mateo	77
Santa Barbara	66
Santa Clara	103
Santa Cruz	36
Shasta	31
Sierra	5
Siskiyou	23
Solano	28
Sonoma	41
Stanislaus	35
Sutter	0
Tehama	13
Trinity	17
Tulare	11
Tuolumne	5
Ventura	81
Yolo	11
Yuba	4
Total	2,815

Risk Analysis Results – High Susceptibility to Landslides – State Dams by County

County	Number of State-Owned Dams
Alameda	2
Alpine	1
Amador	0
Butte	2
Calaveras	0
Colusa	0
Contra Costa	1
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	2
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	3
Nevada	0
Orange	0

Risk Analysis Results – High Susceptibility to Landslides – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	1
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	2
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	1
Santa Barbara	0
Santa Clara	2
Santa Cruz	0
Shasta	0
Sierra	1
Siskiyou	2
Solano	0
Sonoma	1
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	21

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	0	$0	$0	$0
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	85	104,338	$4,014,801	$4,757,955	$8,772,756
CA Dept of Food and Agriculture	0	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	265	482,753	$42,638,612	$33,975,178	$76,613,790
CA Dept of General Services	1	42,000	$0	$0	$0
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	0	0	$0	$0	$0
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	4	44,606	$9,278,302	$9,278,302	$18,556,604
CA Dept of Parks and Recreation	1,699	2,352,221	$48,879,671	$39,986,273	$88,865,944
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	2	580	$31,043	$35,917	$66,960
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	2	26,550	$0	$0	$0
CA Dept of Transportation	204	480,731	$330,745,304	$241,877,395	$572,622,699
CA Dept of Veterans Affairs	62	370,748	$32,704,425	$16,352,213	$49,056,638
CA Dept of Water Resources	4	24,358	$0	$0	$0
CA Employment Development Department	1	60,496	$6,256,487	$6,256,487	$12,512,973
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	1	48	$8,699,380	$8,699,380	$17,398,761
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	0	0	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	11	46,865	$18,269,175	$25,418,814	$43,687,989
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	0	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	119	4,601,250	$210,409,338	$172,576,669	$382,986,006

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	2	8,550	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	9	187,494	$11,413,245	$12,954,888	$24,368,133
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	5	843,519	$227,013,870	$240,099,374	$467,113,244
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	37	17,870	$865,597	$432,798	$1,298,395
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	1,010	12,916,461	$643,281,173	$653,469,249	$1,296,750,422

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	3,523	22,611,438	$1,594,500,422	$1,466,170,892	$3,060,671,314

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	3	$1,219,252	$1,219,252	$2,438,505
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	1	$1,384,823	$1,384,823	$2,769,646
CA Dept of Consumer Affairs	7	$58,743,752	$58,743,752	$117,487,503
CA Dept of Corrections and Rehabilitation	4	$24,380,004	$24,380,004	$48,760,009
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	5	$17,506,885	$17,796,265	$35,303,150
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	8	$10,300,094	$10,425,896	$20,725,990
CA Dept of Food and Agriculture	5	$4,620,611	$5,276,427	$9,897,038

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	15	$4,181,411	$3,841,081	$8,022,493
CA Dept of General Services	2	$141,824,197	$141,824,197	$283,648,394
CA Dept of Health Care Access and Information	1	$70,912,099	$70,912,099	$141,824,197
CA Dept of Health Care Services	1	$816,558	$816,558	$1,633,115
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	3	$161,833,872	$161,833,872	$323,667,743
CA Dept of Insurance	1	$1,845,735	$1,845,735	$3,691,470
CA Dept of Justice	1	$11,220,333	$11,220,333	$22,440,665
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	4	$1,312,133	$1,076,183	$2,388,316
CA Dept of Parks and Recreation	1			$0
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	4	$93,761,312	$94,518,002	$188,279,314
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	3	$41,719,333	$41,719,333	$83,438,666
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	2	$3,938,219	$3,796,839	$7,735,057
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	3	$10,066,964	$11,921,158	$21,988,122
CA Franchise Tax Board	3	$60,029,024	$60,029,024	$120,058,048
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	1	$19,563,374	$19,563,374	$39,126,748
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	1	$1,095,901	$1,095,901	$2,191,801
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	1	$70,912,099	$70,912,099	$141,824,197
California Highway Patrol	6	$6,086,960	$6,086,960	$12,173,919
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	1			$0
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	1	$2,247,086	$2,247,086	$4,494,172
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	9	$1,016,032	$1,016,032	$2,032,065
California State Water Resources Control Board	4	$19,535,035	$19,535,035	$39,070,071
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	1	$789,576	$394,788	$1,184,364
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	1	$13,771,849	$13,771,849	$27,543,697
University of California	0	$0	$0	$0
Total	103	$856,634,521	$859,203,955	$1,715,838,476

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	3	$1,219,252	$1,219,252	$2,438,505
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	1	$1,384,823	$1,384,823	$2,769,646
CA Dept of Consumer Affairs	7	$58,743,752	$58,743,752	$117,487,503
CA Dept of Corrections and Rehabilitation	4	$24,380,004	$24,380,004	$48,760,009

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	5	$17,506,885	$17,796,265	$35,303,150
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	93	$14,314,894	$15,183,852	$29,498,746
CA Dept of Food and Agriculture	5	$4,620,611	$5,276,427	$9,897,038
CA Dept of Forestry and Fire Protection	280	$46,820,024	$37,816,259	$84,636,283
CA Dept of General Services	3	$141,824,197	$141,824,197	$283,648,394
CA Dept of Health Care Access and Information	1	$70,912,099	$70,912,099	$141,824,197
CA Dept of Health Care Services	1	$816,558	$816,558	$1,633,115
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	3	$161,833,872	$161,833,872	$323,667,743
CA Dept of Insurance	1	$1,845,735	$1,845,735	$3,691,470
CA Dept of Justice	1	$11,220,333	$11,220,333	$22,440,665
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	8	$10,590,435	$10,354,485	$20,944,920
CA Dept of Parks and Recreation	1,700	$48,879,671	$39,986,273	$88,865,944
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	4	$93,761,312	$94,518,002	$188,279,314
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	3	$41,719,333	$41,719,333	$83,438,666
CA Dept of State Hospitals	2	$31,043	$35,917	$66,960

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	2	$0	$0	$0
CA Dept of Transportation	206	$334,683,522	$245,674,234	$580,357,756
CA Dept of Veterans Affairs	62	$32,704,425	$16,352,213	$49,056,638
CA Dept of Water Resources	4	$0	$0	$0
CA Employment Development Department	4	$16,323,451	$18,177,645	$34,501,096
CA Franchise Tax Board	3	$60,029,024	$60,029,024	$120,058,048
CA Governor's Office of Emergency Services	1	$8,699,380	$8,699,380	$17,398,761
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	1	$19,563,374	$19,563,374	$39,126,748
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	1	$1,095,901	$1,095,901	$2,191,801
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	1	$70,912,099	$70,912,099	$141,824,197
California Highway Patrol	17	$24,356,135	$31,505,774	$55,861,909
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	1	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	1	$2,247,086	$2,247,086	$4,494,172
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	128	$211,425,370	$173,592,701	$385,018,071
California State Water Resources Control Board	4	$19,535,035	$19,535,035	$39,070,071
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	2	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	9	$11,413,245	$12,954,888	$24,368,133
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	5	$227,013,870	$240,099,374	$467,113,244
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	1	$789,576	$394,788	$1,184,364
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	37	$865,597	$432,798	$1,298,395
Sierra Nevada Conservancy	1	$13,771,849	$13,771,849	$27,543,697
University of California	1,010	$643,281,173	$653,469,249	$1,296,750,422
Total	3,626	$2,451,134,943	$2,325,374,848	$4,776,509,790

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	560	7,514,791	$306,551,470	$383,377,186	$689,928,656
Alpine	7	13,184	$2,598,926	$1,881,946	$4,480,873
Amador	4	794	$0	$0	$0
Butte	6	22,487	$1,933,795	$1,983,808	$3,917,602
Calaveras	2	6,734	$391,473	$391,473	$782,945
Colusa	0	0	$0	$0	$0
Contra Costa	51	60,392	$22,370,432	$22,494,351	$44,864,783
Del Norte	22	18,728	$0	$0	$0
El Dorado	2	8,550	$0	$0	$0
Fresno	2	3,577	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	189	1,449,633	$62,425,173	$45,625,449	$108,050,622
Imperial	8	6,819	$0	$0	$0
Inyo	46	74,169	$54,772,328	$28,801,363	$83,573,692
Kern	28	30,868	$12,674,963	$14,662,755	$27,337,718
Kings	0	0	$0	$0	$0
Lake	0	0	$0	$0	$0
Lassen	3	2,676	$0	$0	$0
Los Angeles	198	1,979,304	$238,045,802	$251,449,462	$489,495,264
Madera	0	0	$0	$0	$0
Marin	318	756,689	$8,816,946	$6,530,538	$15,347,484
Mariposa	0	0	$0	$0	$0
Mendocino	327	265,631	$7,931,514	$6,281,671	$14,213,185
Merced	2	0	$0	$0	$0
Modoc	0	0	$0	$0	$0
Mono	25	33,686	$0	$0	$0
Monterey	196	519,221	$10,773,418	$10,400,883	$21,174,300
Napa	58	176,003	$6,961,374	$3,501,083	$10,462,457
Nevada	41	145,745	$9,999,838	$11,368,744	$21,368,582

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	371	3,265,836	$286,727,045	$196,214,973	$482,942,018
Placer	12	15,523	$2,846,133	$2,768,258	$5,614,391
Plumas	4	13,672	$0	$0	$0
Riverside	26	153,492	$12,951,707	$9,461,858	$22,413,565
Sacramento	9	22,629	$555,830	$555,830	$1,111,659
San Benito	13	15,072	$1,702,882	$1,265,255	$2,968,137
San Bernardino	82	382,283	$32,487,050	$18,419,181	$50,906,231
San Diego	94	84,099	$9,349,876	$9,273,838	$18,623,713
San Francisco	108	4,044,416	$416,069,850	$354,101,182	$770,171,032
San Joaquin	1	0	$0	$0	$0
San Luis Obispo	52	254,295	$14,007,264	$12,848,199	$26,855,463
San Mateo	37	36,820	$3,298,263	$3,298,263	$6,596,527
Santa Barbara	86	301,128	$13,159,789	$14,701,433	$27,861,222
Santa Clara	21	26,921	$1,309,914	$1,048,257	$2,358,172
Santa Cruz	275	321,048	$20,391,853	$18,080,202	$38,472,055
Shasta	48	140,147	$8,331,530	$9,685,617	$18,017,147
Sierra	0	0	$0	$0	$0
Siskiyou	42	56,737	$3,154,699	$4,294,308	$7,449,007
Solano	8	83,965	$4,047,203	$2,187,046	$6,234,249
Sonoma	91	214,041	$4,009,681	$3,648,507	$7,658,188
Stanislaus	1	876	$2,209,109	$2,209,109	$4,418,218
Sutter	0	0	$0	$0	$0
Tehama	19	41,226	$4,037,691	$4,396,901	$8,434,592
Trinity	16	25,201	$3,087,497	$3,087,497	$6,174,994
Tulare		0	$0	$0	$0
Tuolumne	1	120	$0	$0	$0
Ventura	11	22,210	$4,518,103	$5,874,467	$10,392,570
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	3,523	22,611,438	$1,594,500,422	$1,466,170,892	$3,060,671,314

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	4	$2,230,515	$2,446,120	$4,676,635
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	3	$5,072,931	$5,362,311	$10,435,242
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	6	$12,928,781	$12,787,401	$25,716,181
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	1	$13,771,849	$13,771,849	$27,543,697
Los Angeles	27	$642,035,725	$643,967,101	$1,286,002,826
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	2	$108,056	$54,028	$162,084

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	1	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	4	$6,730,449	$6,730,449	$13,460,897
Napa	0	$0	$0	$0
Nevada	2	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	1	$0	$0	$0
Riverside	6	$4,540,027	$5,296,716	$9,836,743
Sacramento	2	$11,056,802	$11,056,802	$22,113,605
San Benito	2	$251,954	$125,977	$377,931
San Bernardino	2	$1,715,766	$1,715,766	$3,431,531
San Diego	9	$29,033,236	$29,033,236	$58,066,473
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	3	$0	$0	$0
San Mateo	5	$91,941,250	$91,941,250	$183,882,500
Santa Barbara	0	$0	$0	$0
Santa Clara	1	$523,314	$261,657	$784,971
Santa Cruz	3	$1,444,154	$1,275,853	$2,720,007
Shasta	4	$17,430,815	$17,430,815	$34,861,630
Sierra	0	$0	$0	$0
Siskiyou	4	$2,094,927	$2,222,654	$4,317,581
Solano	2	$2,128,066	$2,128,066	$4,256,131
Sonoma	1	$1,773,227	$1,773,227	$3,546,454
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	1	$2,123,244	$2,123,244	$4,246,488

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	1	$0	$0	$0
Ventura	6	$7,699,434	$7,699,434	$15,398,869
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	103	$856,634,521	$859,203,955	$1,715,838,476

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	560	$306,551,470	$383,377,186	$689,928,656
Alpine	7	$2,598,926	$1,881,946	$4,480,873
Amador	4	$0	$0	$0
Butte	10	$4,164,310	$4,429,928	$8,594,238
Calaveras	2	$391,473	$391,473	$782,945
Colusa	0	$0	$0	$0
Contra Costa	54	$27,443,363	$27,856,662	$55,300,026
Del Norte	22	$0	$0	$0
El Dorado	2	$0	$0	$0
Fresno	2	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	195	$75,353,954	$58,412,850	$133,766,804
Imperial	8	$0	$0	$0
Inyo	46	$54,772,328	$28,801,363	$83,573,692
Kern	28	$12,674,963	$14,662,755	$27,337,718
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	4	$13,771,849	$13,771,849	$27,543,697
Los Angeles	225	$880,081,527	$895,416,563	$1,775,498,090
Madera	0	$0	$0	$0
Marin	318	$8,816,946	$6,530,538	$15,347,484
Mariposa	0	$0	$0	$0
Mendocino	329	$8,039,570	$6,335,699	$14,375,270
Merced	3	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	25	$0	$0	$0
Monterey	200	$17,503,866	$17,131,331	$34,635,198
Napa	58	$6,961,374	$3,501,083	$10,462,457
Nevada	43	$9,999,838	$11,368,744	$21,368,582
Orange	371	$286,727,045	$196,214,973	$482,942,018
Placer	12	$2,846,133	$2,768,258	$5,614,391
Plumas	5	$0	$0	$0
Riverside	32	$17,491,734	$14,758,574	$32,250,308
Sacramento	11	$11,612,632	$11,612,632	$23,225,264
San Benito	15	$1,954,836	$1,391,232	$3,346,068
San Bernardino	84	$34,202,816	$20,134,947	$54,337,762
San Diego	103	$38,383,112	$38,307,074	$76,690,186
San Francisco	108	$416,069,850	$354,101,182	$770,171,032
San Joaquin	1	$0	$0	$0
San Luis Obispo	55	$14,007,264	$12,848,199	$26,855,463
San Mateo	42	$95,239,513	$95,239,513	$190,479,027
Santa Barbara	86	$13,159,789	$14,701,433	$27,861,222
Santa Clara	22	$1,833,228	$1,309,914	$3,143,143
Santa Cruz	278	$21,836,007	$19,356,054	$41,192,062
Shasta	52	$25,762,345	$27,116,432	$52,878,777
Sierra	0	$0	$0	$0

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	46	$5,249,626	$6,516,963	$11,766,588
Solano	10	$6,175,268	$4,315,112	$10,490,380
Sonoma	92	$5,782,908	$5,421,734	$11,204,642
Stanislaus	1	$2,209,109	$2,209,109	$4,418,218
Sutter	0	$0	$0	$0
Tehama	20	$6,160,935	$6,520,145	$12,681,080
Trinity	16	$3,087,497	$3,087,497	$6,174,994
Tulare	0	$0	$0	$0
Tuolumne	2	$0	$0	$0
Ventura	17	$12,217,537	$13,573,902	$25,791,439
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	3,626	$2,451,134,943	$2,325,374,848	$4,776,509,790

Risk Analysis Results – High Susceptibility to Landslides – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	0	0	$0	$0	$0
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	2	77,750	$9,914,238	$4,957,119	$14,871,357
Special School	0	0	$0	$0	$0
Other Facility	1,032	1,951,261	$148,144,003	$141,361,842	$289,505,844
Total	1,034	2,029,011	$158,058,241	$146,318,961	$304,377,202

Risk Analysis Results for Very High Landslide Susceptibility

Risk Analysis Results – Very High Susceptibility to Landslides – State Bridges by County

County	# of Bridges
Alameda	17
Alpine	0
Amador	0
Butte	3
Calaveras	0
Colusa	0
Contra Costa	3
Del Norte	6
El Dorado	4
Fresno	8
Glenn	0
Humboldt	9
Imperial	4
Inyo	2
Kern	4
Kings	0
Lake	0
Lassen	0
Los Angeles	83
Madera	3
Marin	0
Mariposa	0
Mendocino	4
Merced	0
Modoc	1
Mono	0
Monterey	27
Napa	3
Nevada	0
Orange	26

Risk Analysis Results – Very High Susceptibility to Landslides – State Bridges by County

County	# of Bridges
Placer	0
Plumas	0
Riverside	4
Sacramento	2
San Benito	0
San Bernardino	14
San Diego	22
San Francisco	1
San Joaquin	3
San Luis Obispo	5
San Mateo	5
Santa Barbara	5
Santa Clara	6
Santa Cruz	3
Shasta	0
Sierra	0
Siskiyou	5
Solano	1
Sonoma	1
Stanislaus	8
Sutter	0
Tehama	0
Trinity	5
Tulare	0
Tuolumne	0
Ventura	9
Yolo	0
Yuba	0
Total	306

Risk Analysis Results – Very High Susceptibility to Landslides – State Dams by County

County	Number of State-Owned Dams
Alameda	2
Alpine	1
Amador	0
Butte	2
Calaveras	0
Colusa	0
Contra Costa	1
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	2
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	3
Nevada	0
Orange	0

Risk Analysis Results – Very High Susceptibility to Landslides – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	2
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	0	$0	$0	$0
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	0	0	$0	$0	$0
CA Dept of Food and Agriculture	0	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	12	13,947	$107,102	$107,102	$214,205
CA Dept of General Services	0	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	0	0	$0	$0	$0
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	0	0	$0	$0	$0
CA Dept of Parks and Recreation	18	27,923	$866,226	$569,413	$1,435,639
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	25	24,698	$0	$0	$0
CA Dept of Veterans Affairs	0	0	$0	$0	$0
CA Dept of Water Resources	0	0	$0	$0	$0
CA Employment Development Department	0	0	$0	$0	$0
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	0	0	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	0	0	$0	$0	$0
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	0	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	12	123,860	$2,118,359	$1,059,180	$3,177,539

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	0	0	$0	$0	$0
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	0	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	4	15,255	$487,087	$243,543	$730,630
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	71	205,683	$3,578,775	$1,979,238	$5,558,013

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	1	$3,504,013	$3,504,013	$7,008,027
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	3	$0	$0	$0
CA Dept of Food and Agriculture	1	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	5	$3,405,110	$2,104,924	$5,510,034
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	2	$1,969,652	$1,969,652	$3,939,304
CA Dept of Insurance	1	$4,540,430	$4,540,430	$9,080,859
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	0	$0	$0	$0
CA Dept of Parks and Recreation	1	$0	$0	$0
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	0	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	0	$0	$0	$0
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	0	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	0	$0	$0	$0
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	14	$13,419,205	$12,119,020	$25,538,225

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	1	$3,504,013	$3,504,013	$7,008,027
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	3	$0	$0	$0
CA Dept of Food and Agriculture	1	$0	$0	$0
CA Dept of Forestry and Fire Protection	17	$3,512,212	$2,212,027	$5,724,239
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	2	$1,969,652	$1,969,652	$3,939,304
CA Dept of Insurance	1	$4,540,430	$4,540,430	$9,080,859
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	0	$0	$0	$0
CA Dept of Parks and Recreation	19	$866,226	$569,413	$1,435,639
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	25	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0
CA Employment Development Department	0	$0	$0	$0
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	0	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	12	$2,118,359	$1,059,180	$3,177,539
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	4	$487,087	$243,543	$730,630
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	85	$16,997,980	$14,098,258	$31,096,238

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	2	1,616	$0	$0	$0
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	0	0	$0	$0	$0
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	0	0	$0	$0	$0
Del Norte	0	0	$0	$0	$0
El Dorado	0	0	$0	$0	$0
Fresno	0	0	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	25	131,211	$2,118,359	$1,059,180	$3,177,539
Imperial	0	0	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	0	0	$0	$0	$0
Lassen	0	0	$0	$0	$0
Los Angeles	5	15,417	$487,087	$243,543	$730,630
Madera	0	0	$0	$0	$0
Marin	0	0	$0	$0	$0
Mariposa	0	0	$0	$0	$0
Mendocino	3	684	$107,102	$107,102	$214,205
Merced	0	0	$0	$0	$0
Modoc	0	0	$0	$0	$0
Mono	0	0	$0	$0	$0
Monterey	12	15,204	$593,627	$296,814	$890,441
Napa	0	0	$0	$0	$0
Nevada	0	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	0	0	$0	$0	$0
Placer	0	0	$0	$0	$0
Plumas	0	0	$0	$0	$0
Riverside	0	0	$0	$0	$0
Sacramento	0	0	$0	$0	$0
San Benito	0	0	$0	$0	$0
San Bernardino	1	2,690	$0	$0	$0
San Diego	0	0	$0	$0	$0
San Francisco	0	0	$0	$0	$0
San Joaquin	0	0	$0	$0	$0
San Luis Obispo	1	2,244	$0	$0	$0
San Mateo	0	0	$0	$0	$0
Santa Barbara	0	0	$0	$0	$0
Santa Clara	7	9,335	$0	$0	$0
Santa Cruz	0	0	$0	$0	$0
Shasta	0	0	$0	$0	$0
Sierra	0	0	$0	$0	$0
Siskiyou	0	0	$0	$0	$0
Solano	0	0	$0	$0	$0
Sonoma	15	27,282	$272,599	$272,599	$545,198
Stanislaus	0	0	$0	$0	$0
Sutter	0	0	$0	$0	$0
Tehama	0	0	$0	$0	$0
Trinity	0	0	$0	$0	$0
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	0	0	$0	$0	$0
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	71	205,683	$3,578,775	$1,979,238	$5,558,013

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	1	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	2	$4,540,430	$4,540,430	$9,080,859
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	1	$3,504,013	$3,504,013	$7,008,027
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	4	$2,600,371	$1,300,186	$3,900,557
Santa Cruz	0	$0	$0	$0
Shasta	3	$2,774,391	$2,774,391	$5,548,781
Sierra	0	$0	$0	$0
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	3	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	14	$13,419,205	$12,119,020	$25,538,225

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	2	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	25	$2,118,359	$1,059,180	$3,177,539
Imperial	0	$0	$0	$0
Inyo	1	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	7	$5,027,517	$4,783,973	$9,811,490
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	3	$107,102	$107,102	$214,205
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	12	$593,627	$296,814	$890,441
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	1	$0	$0	$0
San Diego	1	$3,504,013	$3,504,013	$7,008,027
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	1	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	11	$2,600,371	$1,300,186	$3,900,557
Santa Cruz	0	$0	$0	$0
Shasta	3	$2,774,391	$2,774,391	$5,548,781
Sierra	0	$0	$0	$0

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	15	$272,599	$272,599	$545,198
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	3	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	85	$16,997,980	$14,098,258	$31,096,238

Risk Analysis Results – Very High Susceptibility to Landslides – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	0	0	$0	$0	$0
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	0	0	$0	$0	$0
Special School	0	0	$0	$0	$0
Other Facility	71	205,683	$3,578,775	$1,979,238	$5,558,013
Total	71	205,683	$3,578,775	$1,979,238	$5,558,013

Risk Analysis Results for Landslide Zones

Risk Analysis Results – Landslide Zones – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	4,676	84,018	5.6%
Alpine	0	0	0.0%
Amador	0	0	0.0%
Butte	0	0	0.0%
Calaveras	0	0	0.0%
Colusa	0	0	0.0%
Contra Costa	34	8,721	0.4%
Del Norte	0	0	0.0%
El Dorado	0	0	0.0%
Fresno	0	0	0.0%
Glenn	0	0	0.0%
Humboldt	0	0	0.0%
Imperial	0	0	0.0%
Inyo	0	0	0.0%
Kern	0	0	0.0%
Kings	0	0	0.0%
Lake	0	0	0.0%
Lassen	0	0	0.0%
Los Angeles	6,904	211,399	3.3%
Madera	0	0	0.0%
Marin	0	0	0.0%
Mariposa	0	0	0.0%
Mendocino	0	0	0.0%
Merced	0	0	0.0%
Modoc	0	0	0.0%
Mono	0	0	0.0%
Monterey	0	0	0.0%
Napa	0	0	0.0%
Nevada	0	0	0.0%
Orange	0	133,868	0.0%

Risk Analysis Results – Landslide Zones – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	0	0.0%
Plumas	0	0	0.0%
Riverside	0	1,031	0.0%
Sacramento	0	0	0.0%
San Benito	0	0	0.0%
San Bernardino	0	3,644	0.0%
San Diego	0	0	0.0%
San Francisco	699	12,767	5.5%
San Joaquin	0	0	0.0%
San Luis Obispo	0	0	0.0%
San Mateo	3	73,075	0.0%
Santa Barbara	0	0	0.0%
Santa Clara	26	59,347	0.0%
Santa Cruz	0	2	0.0%
Shasta	0	0	0.0%
Sierra	0	0	0.0%
Siskiyou	0	0	0.0%
Solano	0	0	0.0%
Sonoma	0	0	0.0%
Stanislaus	0	0	0.0%
Sutter	0	0	0.0%
Tehama	0	0	0.0%
Trinity	0	0	0.0%
Tulare	0	0	0.0%
Tuolumne	0	0	0.0%
Ventura	4,551	31,900	14.3%
Yolo	0	0	0.0%
Yuba	0	0	0.0%
Total	16,892	619,773	2.7%

Risk Analysis Results – Landslide Zones – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	11,614	83,922	13.8%
Alpine	0	50,861	0.0%
Amador	0	97,686	0.0%
Butte	0	88,320	0.0%
Calaveras	0	124,320	0.0%
Colusa	0	39,975	0.0%
Contra Costa	1,221	28,731	4.3%
Del Norte	0	10,802	0.0%
El Dorado	0	184,442	0.0%
Fresno	0	51,792	0.0%
Glenn	0	2,085	0.0%
Humboldt	0	78,482	0.0%
Imperial	0	710,020	0.0%
Inyo	0	246,441	0.0%
Kern	0	1,014,386	0.0%
Kings	0	8,907	0.0%
Lake	0	82,544	0.0%
Lassen	0	180,689	0.0%
Los Angeles	155,346	911,564	17.0%
Madera	0	41,190	0.0%
Marin	0	24,696	0.0%
Mariposa	0	228,533	0.0%
Mendocino	0	855,474	0.0%
Merced	0	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	0	130,547	0.0%
Monterey	0	92,667	0.0%
Napa	0	169,772	0.0%
Nevada	0	146,358	0.0%

Risk Analysis Results – Landslide Zones – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	44,759	151,777	29.5%
Placer	0	122,653	0.0%
Plumas	0	60,257	0.0%
Riverside	3,164	1,065,179	0.3%
Sacramento	0	75,501	0.0%
San Benito	0	8,877	0.0%
San Bernardino	1,462	1,734,287	0.1%
San Diego	1	522,630	0.0%
San Francisco	256	4,245	6.0%
San Joaquin	0	28,214	0.0%
San Luis Obispo	0	733,458	0.0%
San Mateo	12,976	32,801	39.6%
Santa Barbara	0	28,657	0.0%
Santa Clara	11,377	43,054	26.4%
Santa Cruz	2	40,770	0.0%
Shasta	0	381,315	0.0%
Sierra	0	35,361	0.0%
Siskiyou	0	508,754	0.0%
Solano	0	55,831	0.0%
Sonoma	0	57,738	0.0%
Stanislaus	0	14,179	0.0%
Sutter	0	2,369	0.0%
Tehama	0	84,053	0.0%
Trinity	0	116,464	0.0%
Tulare	0	6,847	0.0%
Tuolumne	0	70,255	0.0%
Ventura	11,860	31,804	37.3%
Yolo	0	40,856	0.0%
Yuba	0	30,685	0.0%

Risk Analysis Results – Landslide Zones – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	254,039	11,788,962	2.2%

Risk Analysis Results – Landslide Zones – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	0	0	0	0	0	1	1
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	0	0	0	0	0	0	0
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	0	0	0	0	0	0	0
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	0	0
Imperial	0	0	0	0	0	0	0	0
Inyo	0	0	0	0	0	0	0	0
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	0	0	1	0	0	0	1	2
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	0	0	0	0
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Landslide Zones – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	0	0	0	0	0	0
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	0	0	0	0	0	0
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0	0	0
San Diego	0	0	0	0	0	0	0	0
San Francisco	0	0	0	0	0	0	0	0
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	0	0	0	0	0	0	0	0
San Mateo	0	0	1	0	0	0	0	1
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	0	0	0	0	0	0	0	0
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	0	0
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	0	0	0	0	0	0	0
Yolo	0	0	0	0	0	0	0	0

Risk Analysis Results – Landslide Zones – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	0	0	2	0	0	0	2	4

Risk Analysis Results – Landslide Zones – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	-	-	-	-	-	$500.0 Million to $1.0 Billion
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	-	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-
Imperial	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-
Kern	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	-	-	$500.0 Million to $1.0 Billion	-	-	-	$100.0 Million to $500.0 Million
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-

Risk Analysis Results – Landslide Zones – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Orange	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	-	-	-	-	-	-
Sacramento	-	-	-	-	-	-	-
San Benito	-	-	-	-	-	-	-
San Bernardino	-	-	-	-	-	-	-
San Diego	-	-	-	-	-	-	-
San Francisco	-	-	-	-	-	-	-
San Joaquin	-	-	-	-	-	-	-
San Luis Obispo	-	-	-	-	-	-	-
San Mateo	-	-	$10.0 Million to $100.0 Million	-	-	-	-
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	-	-	-	-	-	-	-
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	-	-	-	-	-	-
Yolo	-	-	-	-	-	-	-

Risk Analysis Results – Landslide Zones – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – Landslide Zones – State Bridges by County

County	# of Bridges
Alameda	31
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	22
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	21

Risk Analysis Results – Landslide Zones – State Bridges by County

County	# of Bridges
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	4
San Joaquin	0
San Luis Obispo	0
San Mateo	25
Santa Barbara	0
Santa Clara	5
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	4
Yolo	0
Yuba	0
Total	112

Risk Analysis Results – Landslide Zones – State Dams by County

County	Number of State-Owned Dams
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	2
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – Landslide Zones – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	2

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	0	$0	$0	$0
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	0	0	$0	$0	$0
CA Dept of Food and Agriculture	0	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	7	9,335	$0	$0	$0
CA Dept of General Services	0	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	0	0	$0	$0	$0
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	0	0	$0	$0	$0
CA Dept of Parks and Recreation	2	226	$0	$0	$0
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	2	1,616	$0	$0	$0
CA Dept of Veterans Affairs	0	0	$0	$0	$0
CA Dept of Water Resources	0	0	$0	$0	$0
CA Employment Development Department	0	0	$0	$0	$0
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	0	0	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	0	0	$0	$0	$0
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	0	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	0	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	0	0	$0	$0	$0
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	0	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	4	15,255	$487,087	$243,543	$730,630
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	15	26,432	$487,087	$243,543	$730,630

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	0	$0	$0	$0
CA Dept of Food and Agriculture	1			$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	4	$2,600,371	$1,300,186	$3,900,557
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	0	$0	$0	$0
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	0	$0	$0	$0
CA Dept of Parks and Recreation	0	$0	$0	$0
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	5	$32,427,434	$32,427,434	$64,854,868
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	0	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	0	$0	$0	$0
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	1	$19,563,374	$19,563,374	$39,126,748
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	2	$4,833,869	$4,833,869	$9,667,739
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	2	$0	$0	$0
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	15	$59,425,049	$58,124,863	$117,549,912

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	0	$0	$0	$0
CA Dept of Food and Agriculture	1	$0	$0	$0
CA Dept of Forestry and Fire Protection	11	$2,600,371	$1,300,186	$3,900,557
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	0	$0	$0	$0
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	0	$0	$0	$0
CA Dept of Parks and Recreation	2	$0	$0	$0
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	5	$32,427,434	$32,427,434	$64,854,868
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	2	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0
CA Employment Development Department	0	$0	$0	$0
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	1	$19,563,374	$19,563,374	$39,126,748
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	2	$4,833,869	$4,833,869	$9,667,739
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	2	$0	$0	$0
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	4	$487,087	$243,543	$730,630
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	30	$59,912,136	$58,368,407	$118,280,542

Risk Analysis Results – Landslide Zones – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	2	1,616	$0	$0	$0
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	0	0	$0	$0	$0
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	0	0	$0	$0	$0
Del Norte	0	0	$0	$0	$0
El Dorado	0	0	$0	$0	$0
Fresno	0	0	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	0	0	$0	$0	$0
Imperial	0	0	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	0	0	$0	$0	$0
Lassen	0	0	$0	$0	$0
Los Angeles	5	15,417	$487,087	$243,543	$730,630
Madera	0	0	$0	$0	$0
Marin	0	0	$0	$0	$0
Mariposa	0	0	$0	$0	$0
Mendocino	0	0	$0	$0	$0
Merced	0	0	$0	$0	$0
Modoc	0	0	$0	$0	$0
Mono	0	0	$0	$0	$0
Monterey	0	0	$0	$0	$0
Napa	0	0	$0	$0	$0
Nevada	0	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	0	0	$0	$0	$0
Placer	0	0	$0	$0	$0
Plumas	0	0	$0	$0	$0
Riverside	0	0	$0	$0	$0
Sacramento	0	0	$0	$0	$0
San Benito	0	0	$0	$0	$0
San Bernardino	0	0	$0	$0	$0
San Diego	0	0	$0	$0	$0
San Francisco	0	0	$0	$0	$0
San Joaquin	0	0	$0	$0	$0
San Luis Obispo	0	0	$0	$0	$0
San Mateo	1	64	$0	$0	$0
Santa Barbara	0	0	$0	$0	$0
Santa Clara	7	9,335	$0	$0	$0
Santa Cruz	0	0	$0	$0	$0
Shasta	0	0	$0	$0	$0
Sierra	0	0	$0	$0	$0
Siskiyou	0	0	$0	$0	$0
Solano	0	0	$0	$0	$0
Sonoma	0	0	$0	$0	$0
Stanislaus	0	0	$0	$0	$0
Sutter	0	0	$0	$0	$0
Tehama	0	0	$0	$0	$0
Trinity	0	0	$0	$0	$0
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	0	0	$0	$0	$0
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	15	26,432	$487,087	$243,543	$730,630

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	6	$51,990,808	$51,990,808	$103,981,616
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	4	$2,600,371	$1,300,186	$3,900,557
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	5	$4,833,869	$4,833,869	$9,667,739
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	15	$59,425,049	$58,124,863	$117,549,912

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	2	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	11	$52,477,895	$52,234,352	$104,712,247
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	1	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	11	$2,600,371	$1,300,186	$3,900,557
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0

Risk Analysis Results – Landslide Zones – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	5	$4,833,869	$4,833,869	$9,667,739
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	30	$59,912,136	$58,368,407	$118,280,542

Risk Analysis Results – Landslide Zones – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	0	0	$0	$0	$0
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	0	0	$0	$0	$0
Special School	0	0	$0	$0	$0
Other Facility	15	26,432	$487,087	$243,543	$730,630
Total	15	26,432	$487,087	$243,543	$730,630

Risk Analysis Results – Landslide Zones – State Highways by County

County	Miles of Highway
Alameda	13.5
Alpine	0.0
Amador	0.0
Butte	0.0
Calaveras	0.0
Colusa	0.0
Contra Costa	0.0
Del Norte	0.0
El Dorado	0.0
Fresno	0.0
Glenn	0.0
Humboldt	0.0
Imperial	0.0
Inyo	0.0
Kern	0.0
Kings	0.0
Lake	0.0
Lassen	0.0
Los Angeles	39.3
Madera	0.0
Marin	0.0
Mariposa	0.0
Mendocino	0.0
Merced	0.0
Modoc	0.0
Mono	0.0
Monterey	0.0
Napa	0.0
Nevada	0.0
Orange	19.0

Risk Analysis Results – Landslide Zones – State Highways by County

County	Miles of Highway
Placer	0.0
Plumas	0.0
Riverside	0.6
Sacramento	0.0
San Benito	0.0
San Bernardino	0.3
San Diego	0.0
San Francisco	0.2
San Joaquin	0.0
San Luis Obispo	0.0
San Mateo	18.8
Santa Barbara	0.0
Santa Clara	30.0
Santa Cruz	0.0
Shasta	0.0
Sierra	0.0
Siskiyou	0.0
Solano	0.0
Sonoma	0.0
Stanislaus	0.0
Sutter	0.0
Tehama	0.0
Trinity	0.0
Tulare	0.0
Tuolumne	0.0
Ventura	19.2
Yolo	0.0
Yuba	0.0
Total	140.9

Risk Analysis Results – Landslide Zones – State Water Project by Branch

County	Miles of Canals & Pipelines
California Aqueduct	0.0
Coastal Branch	0.0
East Branch	0.6
East Branch Extension	0.0
North Bay Aqueduct	0.0
Oroville	0.0
South Bay Aqueduct	7.8
West Branch	1.2
Total	9.6

Risk Analysis Results for Post-Wildire Debris Flow

Risk Analysis Results – Post-Wildfire Debris Flow – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	951	83,922	1.1%
Alpine	8,185	50,861	16.1%
Amador	0	97,686	0.0%
Butte	21,511	88,320	24.4%
Calaveras	0	124,320	0.0%
Colusa	20	39,975	0.0%
Contra Costa	0	28,731	0.0%
Del Norte	29	10,802	0.3%
El Dorado	5,001	184,442	2.7%
Fresno	2,150	51,792	4.2%
Glenn	0	2,085	0.0%
Humboldt	17	78,482	0.0%
Imperial	0	710,020	0.0%
Inyo	25	246,441	0.0%
Kern	763	1,014,386	0.1%
Kings	0	8,907	0.0%
Lake	9,215	82,544	11.2%
Lassen	4,317	180,689	2.4%
Los Angeles	33,876	911,564	3.7%
Madera	449	41,190	1.1%
Marin	0	24,696	0.0%
Mariposa	4,445	228,533	1.9%
Mendocino	135,330	855,474	15.8%
Merced	0	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	306	130,547	0.2%
Monterey	7,113	92,667	7.7%
Napa	47,736	169,772	28.1%
Nevada	16	146,358	0.0%

Risk Analysis Results – Post-Wildfire Debris Flow – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	2,788	151,777	1.8%
Placer	2,943	122,653	2.4%
Plumas	10,409	60,257	17.3%
Riverside	11,537	1,065,179	1.1%
Sacramento	0	75,501	0.0%
San Benito	0	8,877	0.0%
San Bernardino	12,282	1,734,287	0.7%
San Diego	2,079	522,630	0.4%
San Francisco	0	4,245	0.0%
San Joaquin	0	28,214	0.0%
San Luis Obispo	0	733,458	0.0%
San Mateo	112	32,801	0.3%
Santa Barbara	269	28,657	0.9%
Santa Clara	249	43,054	0.6%
Santa Cruz	6,803	40,770	16.7%
Shasta	28,082	381,315	7.4%
Sierra	3,070	35,361	8.7%
Siskiyou	26,676	508,754	5.2%
Solano	1,668	55,831	3.0%
Sonoma	4,246	57,738	7.4%
Stanislaus	9	14,179	0.1%
Sutter	0	2,369	0.0%
Tehama	1,521	84,053	1.8%
Trinity	18,987	116,464	16.3%
Tulare	818	6,847	11.9%
Tuolumne	10	70,255	0.0%
Ventura	5,154	31,804	16.2%
Yolo	56	40,856	0.1%
Yuba	0	30,685	0.0%

Risk Analysis Results – Post-Wildfire Debris Flow – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	421,223	11,788,962	3.6%

Risk Analysis Results – Post-Wildfire Debris Flow – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	0	0	0	0	0	0	0
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	0	0	0	0	0	0	0
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	0	0	0	0	0	0	0
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	0	0
Imperial	0	0	0	0	0	0	0	0
Inyo	0	0	0	0	0	0	0	0
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	0	1	0	0	0	0	0	1
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	0	0	0	0
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Post-Wildfire Debris Flow – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	0	0	0	0	0	0
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	0	0	0	0	0	0
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0	0	0
San Diego	0	0	0	0	0	0	0	0
San Francisco	0	0	0	0	0	0	0	0
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	0	0	0	0	0	0	0	0
San Mateo	0	0	0	0	0	0	0	0
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	0	0	0	0	0	0	0	0
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	0	0
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	0	0	0	0	0	0	0
Yolo	0	0	0	0	0	0	0	0

Risk Analysis Results – Post-Wildfire Debris Flow – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	0	1	0	0	0	0	0	1

Risk Analysis Results – Post-Wildfire Debris Flow – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	-	-	-	-	-	-
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	-	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-
Imperial	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-
Kern	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	-	$500.0 Million to $1.0 Billion	-	-	-	-	-
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-

Risk Analysis Results – Post-Wildfire Debris Flow – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	-	-	-	-	-	-
Sacramento	-	-	-	-	-	-	-
San Benito	-	-	-	-	-	-	-
San Bernardino	-	-	-	-	-	-	-
San Diego	-	-	-	-	-	-	-
San Francisco	-	-	-	-	-	-	-
San Joaquin	-	-	-	-	-	-	-
San Luis Obispo	-	-	-	-	-	-	-
San Mateo	-	-	-	-	-	-	-
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	-	-	-	-	-	-	-
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	-	-	-	-	-	-

Risk Analysis Results – Post-Wildfire Debris Flow – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Yolo	-	-	-	-	-	-	-
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – Post-Wildfire Debris Flow – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	0	2	0.0%
Alpine	49	49	100.0%
Amador	0	0	0.0%
Butte	27	13,798	0.2%
Calaveras	0	0	0.0%
Colusa	0	61	0.0%
Contra Costa	0	0	0.0%
Del Norte	0	62	0.0%
El Dorado	0	1,036	0.0%
Fresno	0	938	0.0%
Glenn	0	71	0.0%
Humboldt	0	29	0.0%
Imperial	0	0	0.0%
Inyo	0	0	0.0%
Kern	0	84	0.0%
Kings	0	0	0.0%
Lake	0	4,058	0.0%
Lassen	0	577	0.0%
Los Angeles	902	17,239	5.2%
Madera	0	119	0.0%
Marin	0	0	0.0%
Mariposa	0	880	0.0%
Mendocino	75	81	92.7%
Merced	0	0	0.0%
Modoc	0	0	0.0%
Mono	0	0	0.0%
Monterey	1,233	2,942	41.9%
Napa	0	1,471	0.0%
Nevada	0	53	0.0%
Orange	0	1,206	0.0%

Risk Analysis Results – Post-Wildfire Debris Flow – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	473	0.0%
Plumas	0	1,382	0.0%
Riverside	181	16,602	1.1%
Sacramento	0	0	0.0%
San Benito	0	0	0.0%
San Bernardino	0	4,378	0.0%
San Diego	40	150	26.4%
San Francisco	0	0	0.0%
San Joaquin	0	51	0.0%
San Luis Obispo	0	0	0.0%
San Mateo	0	22	0.0%
Santa Barbara	0	1,369	0.0%
Santa Clara	0	113	0.0%
Santa Cruz	0	531	0.0%
Shasta	0	3,147	0.0%
Sierra	0	7	0.0%
Siskiyou	98	486	20.1%
Solano	0	1,879	0.0%
Sonoma	0	7,669	0.0%
Stanislaus	336	336	100.0%
Sutter	0	0	0.0%
Tehama	0	505	0.0%
Trinity	0	1,048	0.0%
Tulare	0	225	0.0%
Tuolumne	0	12	0.0%
Ventura	141	4,079	3.5%
Yolo	0	13	3.5%
Yuba	0	0	0.0%
Total	3,084	89,233	3.5%

Risk Analysis Results for Levee Failure

Risk Analysis Results – Deep Levee Failure – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	0	83,922	0.0%
Alpine	0	50,861	0.0%
Amador	0	97,686	0.0%
Butte	0	88,320	0.0%
Calaveras	0	124,320	0.0%
Colusa	13,091	39,975	32.7%
Contra Costa	0	28,731	0.0%
Del Norte	0	10,802	0.0%
El Dorado	0	184,442	0.0%
Fresno	12	51,792	0.0%
Glenn	0	2,085	0.0%
Humboldt	0	78,482	0.0%
Imperial	0	710,020	0.0%
Inyo	0	246,441	0.0%
Kern	0	1,014,386	0.0%
Kings	0	8,907	0.0%
Lake	0	82,544	0.0%
Lassen	0	180,689	0.0%
Los Angeles	0	911,564	0.0%
Madera	448	41,190	1.1%
Marin	0	24,696	0.0%
Mariposa	0	228,533	0.0%
Mendocino	0	855,474	0.0%
Merced	3	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	0	130,547	0.0%
Monterey	0	92,667	0.0%
Napa	0	169,772	0.0%
Nevada	0	146,358	0.0%

Risk Analysis Results – Deep Levee Failure – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	0	151,777	0.0%
Placer	0	122,653	0.0%
Plumas	0	60,257	0.0%
Riverside	0	1,065,179	0.0%
Sacramento	18,992	75,501	25.2%
San Benito	0	8,877	0.0%
San Bernardino	0	1,734,287	0.0%
San Diego	0	522,630	0.0%
San Francisco	0	4,245	0.0%
San Joaquin	5,603	28,214	19.9%
San Luis Obispo	0	733,458	0.0%
San Mateo	0	32,801	0.0%
Santa Barbara	0	28,657	0.0%
Santa Clara	0	43,054	0.0%
Santa Cruz	0	40,770	0.0%
Shasta	0	381,315	0.0%
Sierra	0	35,361	0.0%
Siskiyou	0	508,754	0.0%
Solano	11,361	55,831	20.3%
Sonoma	0	57,738	0.0%
Stanislaus	106	14,179	0.7%
Sutter	1,090	2,369	46.0%
Tehama	0	84,053	0.0%
Trinity	0	116,464	0.0%
Tulare	0	6,847	0.0%
Tuolumne	0	70,255	0.0%
Ventura	0	31,804	0.0%
Yolo	2,708	40,856	6.6%
Yuba	1,947	30,685	6.3%

Risk Analysis Results – Deep Levee Failure – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	55,363	11,788,962	0.5%

Risk Analysis Results – Deep Levee Failure – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	0	0	0	0	0	0	0
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	0	0	0	0	0	0	0
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	0	0	0	0	0	0	0
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	0	0
Imperial	0	0	0	0	0	0	0	0
Inyo	0	0	0	0	0	0	0	0
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	0	0	0	0	0	0	0	0
Madera	0	1	0	0	0	0	0	1
Marin	0	0	0	0	0	0	0	0
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Deep Levee Failure – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	0	0	0	0	0	0
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	0	0	0	0	0	0
Sacramento	3	0	0	1	0	1	1	6
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0	0	0
San Diego	0	0	0	0	0	0	0	0
San Francisco	0	0	0	0	0	0	0	0
San Joaquin	0	0	1	2	0	0	2	5
San Luis Obispo	0	0	0	0	0	0	0	0
San Mateo	0	0	0	0	0	0	0	0
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	0	0	0	0	0	0	0	0
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	0	0
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	1	0	0	0	0	1
Sutter	0	1	0	0	0	0	0	1
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	0	0	0	0	0	0	0
Yolo	0	0	0	1	0	0	1	2

Risk Analysis Results – Deep Levee Failure – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	3	2	2	4	0	1	4	16

Risk Analysis Results – Deep Levee Failure – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	-	-	-	-	-	-
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	-	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-
Imperial	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-
Kern	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	-	-	-	-	-	-	-
Madera	-	$100.0 Million to $500.0 Million	-	-	-	-	-
Marin	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-

Risk Analysis Results – Deep Levee Failure – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	-	-	-	-	-	-
Sacramento	$1.1 Billion to Greater Than $1.6 Billion	-	-	$10.0 Million to $100.0 Million	-	$100.0 Million to $500.0 Million	$10.0 Million to $100.0 Million
San Benito	-	-	-	-	-	-	-
San Bernardino	-	-	-	-	-	-	-
San Diego	-	-	-	-	-	-	-
San Francisco	-	-	-	-	-	-	-
San Joaquin	-	-	$500.0 Million to $1.0 Billion	$200.0 Million to $1.0 Billion	-	-	$1.0 Billion to Greater Than $1.1 Billion
San Luis Obispo	-	-	-	-	-	-	-
San Mateo	-	-	-	-	-	-	-
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	-	-	-	-	-	-	-
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	$10.0 Million to $100.0 Million	-	-	-	-
Sutter	-	$100.0 Million to $500.0 Million	-	-	-	-	-

Risk Analysis Results – Deep Levee Failure – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Tehama	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	-	-	-	-	-	-
Yolo	-	-	-	$10.0 Million to $100.0 Million	-	-	$100.0 Million to $500.0 Million
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – Deep Levee Failure – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	0	0	0.0%
Alpine	0	0	0.0%
Amador	0	0	0.0%
Butte	0	0	0.0%
Calaveras	0	0	0.0%
Colusa	3	466	0.7%
Contra Costa	0	0	0.0%
Del Norte	0	0	0.0%
El Dorado	0	0	0.0%
Fresno	1	1	100.0%
Glenn	0	0	0.0%
Humboldt	0	0	0.0%
Imperial	0	0	0.0%
Inyo	0	0	0.0%
Kern	0	0	0.0%
Kings	0	0	0.0%
Lake	0	0	0.0%
Lassen	0	0	0.0%
Los Angeles	0	0	0.0%
Madera	310	310	100.0%
Marin	0	0	0.0%
Mariposa	0	0	0.0%
Mendocino	0	0	0.0%
Merced	52	629	8.3%
Modoc	0	0	0.0%
Mono	0	0	0.0%
Monterey	0	0	0.0%
Napa	0	0	0.0%
Nevada	0	0	0.0%
Orange	0	0	0.0%

Risk Analysis Results – Deep Levee Failure – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	0	0.0%
Plumas	0	0	0.0%
Riverside	0	0	0.0%
Sacramento	99,349	309,861	32.1%
San Benito	0	0	0.0%
San Bernardino	0	0	0.0%
San Diego	0	0	0.0%
San Francisco	0	0	0.0%
San Joaquin	44,891	140,699	31.9%
San Luis Obispo	0	0	0.0%
San Mateo	0	0	0.0%
Santa Barbara	0	0	0.0%
Santa Clara	0	0	0.0%
Santa Cruz	0	0	0.0%
Shasta	0	0	0.0%
Sierra	0	0	0.0%
Siskiyou	0	0	0.0%
Solano	0	402	0.0%
Sonoma	0	0	0.0%
Stanislaus	177	541	32.8%
Sutter	197	10,508	1.9%
Tehama	0	0	0.0%
Trinity	0	0	0.0%
Tulare	0	0	0.0%
Tuolumne	0	0	0.0%
Ventura	0	0	0.0%
Yolo	25,582	56,724	45.1%
Yuba	15,803	27,989	56.5%
Total	186,366	548,130	34.0%

Risk Analysis Results – Deep Levee Failure – State Bridges by County

County	# of Bridges
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	2
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	0
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	2
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – Deep Levee Failure – State Bridges by County

County	# of Bridges
Placer	0
Plumas	0
Riverside	0
Sacramento	89
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	66
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	13
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	28
Yuba	10
Total	210

Risk Analysis Results – Deep Levee Failure – State Dams by County

County	Number of State-Owned Dams
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	0
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – Deep Levee Failure – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	0

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	82	884450	$47,371,469	$47,371,469	$94,742,939
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	14	41544	$3,983,931	$3,983,931	$7,967,862
CA Dept of Food and Agriculture	0	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	0	0	$0	$0	$0
CA Dept of General Services	114	11366077	$923,982,530	$931,224,602	$1,855,207,132
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	1	81500	$8,146,732	$4,544,727	$12,691,459
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	0	0	$0	$0	$0
CA Dept of Parks and Recreation	23	116046	$19,346,465	$19,346,465	$38,692,929
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	31	133870	$46,793,783	$46,793,783	$93,587,566
CA Dept of Veterans Affairs	1	132780	$8,048,967	$8,048,967	$16,097,934
CA Dept of Water Resources	0	0	$0	$0	$0
CA Employment Development Department	0	0	$0	$0	$0
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	1	17000	$2,082,310	$2,082,310	$4,164,620
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	47	1156350	$399,139,462	$383,882,594	$783,022,056
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	3	6387	$16,935,265	$20,509,058	$37,444,324
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	3	238087	$37,579,915	$37,579,915	$75,159,831
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	2	13915	$3,464,641	$3,464,641	$6,929,283
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	1	237000	$100,716,549	$100,716,549	$201,433,099
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	0	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	1	21200	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	0	0	$0	$0	$0
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	1	291072	$90,112,905	$123,946,098	$214,059,003
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	0	$0	$0	$0
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	325	14737278	$1,707,704,925	$1,733,495,110	$3,441,200,035

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	5	$25,720,024	$25,720,024	$51,440,049
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	1	$8,545,399	$12,818,099	$21,363,498
CA Dept of Aging	1	$304,150	$152,075	$456,224
CA Dept of Alcoholic Beverage Control	3	$20,991,711	$20,991,711	$41,983,423
CA Dept of Cannabis Control	2	$11,575,598	$11,575,598	$23,151,196
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	1	$3,989,743	$3,989,743	$7,979,485
CA Dept of Conservation	1	$8,300,725	$8,300,725	$16,601,451
CA Dept of Consumer Affairs	21	$195,265,589	$223,220,635	$418,486,223
CA Dept of Corrections and Rehabilitation	3	$25,584,212	$25,584,212	$51,168,424
CA Dept of Developmental Services	1	$3,076,046	$3,076,046	$6,152,092
CA Dept of Education	3	$21,062,210	$21,062,210	$42,124,420
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	2	$10,061,691	$10,061,691	$20,123,382
CA Dept of Fish and Wildlife	21	$130,540,288	$133,770,121	$264,310,409
CA Dept of Food and Agriculture	16	$50,160,452	$53,397,043	$103,557,495

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	6	$27,013,827	$28,498,459	$55,512,285
CA Dept of General Services	12	$181,013,767	$194,855,765	$375,869,532
CA Dept of Health Care Access and Information	2	$17,050,084	$21,727,344	$38,777,427
CA Dept of Health Care Services	4	$13,939,821	$16,593,109	$30,532,930
CA Dept of Housing & Community Development	1	$7,695,564	$7,695,564	$15,391,128
CA Dept of Human Resources	1	$15,260,354	$15,260,354	$30,520,708
CA Dept of Industrial Relations	6	$32,047,929	$32,047,929	$64,095,858
CA Dept of Insurance	5	$49,092,477	$49,715,819	$98,808,296
CA Dept of Justice	3	$17,649,566	$17,649,566	$35,299,132
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	4	$35,929,515	$35,929,515	$71,859,031
CA Dept of Parks and Recreation	1	$9,051,370	$9,051,370	$18,102,740
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	13	$76,388,548	$76,713,732	$153,102,280
CA Dept of Real Estate	1	$4,562,468	$4,562,468	$9,124,936
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	3	$38,503,414	$38,503,414	$77,006,829
CA Dept of Social Services	9	$70,714,427	$73,367,714	$144,082,141
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	4	$34,034,190	$34,034,190	$68,068,380
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	9	$41,547,734	$33,370,027	$74,917,761
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	6	$26,133,474	$27,336,049	$53,469,523

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	4	$9,769,673	$9,769,673	$19,539,346
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	2	$7,559,730	$7,559,730	$15,119,460
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	1	$3,317,820	$3,317,820	$6,635,641
CA Office of Administrative Law	1	$18,452,265	$18,452,265	$36,904,529
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	5	$31,126,211	$31,126,211	$62,252,421
CA Office of Tax Appeals	3	$148,242,735	$148,242,735	$296,485,470
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	2	$26,859,849	$26,859,849	$53,719,699
California Agricultural Labor Relations Board	1	$28,515,302	$28,515,302	$57,030,603
California Arts Council	1	$3,551,663	$3,551,663	$7,103,325
California Board of State and Community Corrections	1	$2,750,277	$2,750,277	$5,500,553
California Children and Families Commission	1	$3,989,743	$3,989,743	$7,979,485
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	1	$1,280,128	$1,280,128	$2,560,257
California Commission on Teacher Credentialing	1	$6,293,415	$6,293,415	$12,586,829
California Commission on the Status of Women and Girls	1	$12,179,499	$12,179,499	$24,358,999
California Community Colleges Board of Governors	1	$27,224,918	$27,224,918	$54,449,835
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	1	$28,396,102	$28,396,102	$56,792,204

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	1	$9,354,520	$14,031,779	$23,386,299
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	1	$27,224,918	$27,224,918	$54,449,835
California Gambling Control Commission	2	$7,917,273	$7,917,273	$15,834,545
California Government Operation Agency	1	$49,414,245	$49,414,245	$98,828,490
California Health and Human Services Agency	1	$12,179,499	$12,179,499	$24,358,999
California Health Benefit Exchange	2	$34,164,754	$45,566,119	$79,730,872
California High-Speed Rail Authority	6	$170,376,613	$170,376,613	$340,753,225
California Highway Patrol	9	$52,223,569	$63,868,810	$116,092,380
California Horse Racing Board	1	$8,143,542	$8,143,542	$16,287,084
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	2	$32,573,769	$32,573,769	$65,147,537
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	1	$28,396,102	$28,396,102	$56,792,204
California Prison Industry Authority	1	$3,786,976	$5,680,464	$9,467,440
California Public Employment Relations Board	1	$4,020,193	$4,020,193	$8,040,386
California Public Utilities Commission	7	$108,703,970	$108,703,970	$217,407,940
California State Board of Equalization	4	$59,459,588	$59,459,588	$118,919,176
California State Independent Living Council	1	$5,094,778	$5,094,778	$10,189,556

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	1	$5,582,055	$5,582,055	$11,164,110
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	1	$4,851,530	$4,851,530	$9,703,059
California State Water Resources Control Board	1	$4,860,547	$4,860,547	$9,721,094
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	1	$49,414,245	$49,414,245	$98,828,490
Cannabis Control Appeals Panel	1	$49,414,245	$49,414,245	$98,828,490
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	1	$4,312,511	$4,312,511	$8,625,023
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	1	$12,712,930	$12,712,930	$25,425,861
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	1	$12,519,849	$12,519,849	$25,039,697
Milton Marks (Little Hoover) Commission	1	$12,179,499	$12,179,499	$24,358,999
Sacramento-San Joaquin Delta Conservancy	1	$3,600,158	$3,600,158	$7,200,315
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	249	$2,344,797,573	$2,432,240,880	$4,777,038,453

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	5	$25,720,024	$25,720,024	$51,440,049
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	1	$8,545,399	$12,818,099	$21,363,498
CA Dept of Aging	1	$304,150	$152,075	$456,224
CA Dept of Alcoholic Beverage Control	3	$20,991,711	$20,991,711	$41,983,423
CA Dept of Cannabis Control	2	$11,575,598	$11,575,598	$23,151,196
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	1	$3,989,743	$3,989,743	$7,979,485
CA Dept of Conservation	1	$8,300,725	$8,300,725	$16,601,451
CA Dept of Consumer Affairs	21	$195,265,589	$223,220,635	$418,486,223
CA Dept of Corrections and Rehabilitation	85	$72,955,681	$72,955,681	$145,911,362

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	1	$3,076,046	$3,076,046	$6,152,092
CA Dept of Education	3	$21,062,210	$21,062,210	$42,124,420
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	2	$10,061,691	$10,061,691	$20,123,382
CA Dept of Fish and Wildlife	35	$134,524,219	$137,754,051	$272,278,271
CA Dept of Food and Agriculture	16	$50,160,452	$53,397,043	$103,557,495
CA Dept of Forestry and Fire Protection	6	$27,013,827	$28,498,459	$55,512,285
CA Dept of General Services	126	$1,104,996,296	$1,126,080,367	$2,231,076,664
CA Dept of Health Care Access and Information	2	$17,050,084	$21,727,344	$38,777,427
CA Dept of Health Care Services	4	$13,939,821	$16,593,109	$30,532,930
CA Dept of Housing & Community Development	2	$15,842,296	$12,240,292	$28,082,588
CA Dept of Human Resources	1	$15,260,354	$15,260,354	$30,520,708
CA Dept of Industrial Relations	6	$32,047,929	$32,047,929	$64,095,858
CA Dept of Insurance	5	$49,092,477	$49,715,819	$98,808,296
CA Dept of Justice	3	$17,649,566	$17,649,566	$35,299,132
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	4	$35,929,515	$35,929,515	$71,859,031
CA Dept of Parks and Recreation	24	$28,397,835	$28,397,835	$56,795,669
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	13	$76,388,548	$76,713,732	$153,102,280
CA Dept of Real Estate	1	$4,562,468	$4,562,468	$9,124,936
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	3	$38,503,414	$38,503,414	$77,006,829
CA Dept of Social Services	9	$70,714,427	$73,367,714	$144,082,141
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	4	$34,034,190	$34,034,190	$68,068,380
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	40	$88,341,517	$80,163,810	$168,505,327
CA Dept of Veterans Affairs	1	$8,048,967	$8,048,967	$16,097,934
CA Dept of Water Resources	6	$26,133,474	$27,336,049	$53,469,523
CA Employment Development Department	4	$9,769,673	$9,769,673	$19,539,346
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	2	$7,559,730	$7,559,730	$15,119,460
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	1	$3,317,820	$3,317,820	$6,635,641
CA Office of Administrative Law	1	$18,452,265	$18,452,265	$36,904,529
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	5	$31,126,211	$31,126,211	$62,252,421
CA Office of Tax Appeals	3	$148,242,735	$148,242,735	$296,485,470
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	2	$26,859,849	$26,859,849	$53,719,699
California Agricultural Labor Relations Board	1	$28,515,302	$28,515,302	$57,030,603
California Arts Council	1	$3,551,663	$3,551,663	$7,103,325
California Board of State and Community Corrections	1	$2,750,277	$2,750,277	$5,500,553
California Children and Families Commission	1	$3,989,743	$3,989,743	$7,979,485
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	1	$1,280,128	$1,280,128	$2,560,257

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	1	$6,293,415	$6,293,415	$12,586,829
California Commission on the Status of Women and Girls	1	$12,179,499	$12,179,499	$24,358,999
California Community Colleges Board of Governors	1	$27,224,918	$27,224,918	$54,449,835
California Conservation Corps	1	$2,082,310	$2,082,310	$4,164,620
California Education Audit Appeals Panel	1	$28,396,102	$28,396,102	$56,792,204
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	1	$9,354,520	$14,031,779	$23,386,299
California Exposition and State Fair	47	$399,139,462	$383,882,594	$783,022,056
California Fair Political Practices Commission	1	$27,224,918	$27,224,918	$54,449,835
California Gambling Control Commission	2	$7,917,273	$7,917,273	$15,834,545
California Government Operation Agency	1	$49,414,245	$49,414,245	$98,828,490
California Health and Human Services Agency	1	$12,179,499	$12,179,499	$24,358,999
California Health Benefit Exchange	2	$34,164,754	$45,566,119	$79,730,872
California High-Speed Rail Authority	6	$170,376,613	$170,376,613	$340,753,225
California Highway Patrol	12	$69,158,835	$84,377,869	$153,536,703
California Horse Racing Board	1	$8,143,542	$8,143,542	$16,287,084
California Law Revision Commission	0	$0	$0	$0
California Lottery	3	$37,579,915	$37,579,915	$75,159,831
California Mental Health Services Oversight and Accountability Commission	2	$32,573,769	$32,573,769	$65,147,537
California Military Department	2	$3,464,641	$3,464,641	$6,929,283
California Office of the State Public Defender	1	$28,396,102	$28,396,102	$56,792,204

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	1	$3,786,976	$5,680,464	$9,467,440
California Public Employment Relations Board	1	$4,020,193	$4,020,193	$8,040,386
California Public Utilities Commission	7	$108,703,970	$108,703,970	$217,407,940
California State Board of Equalization	4	$59,459,588	$59,459,588	$118,919,176
California State Independent Living Council	1	$5,094,778	$5,094,778	$10,189,556
California State Lands Commission	1	$5,582,055	$5,582,055	$11,164,110
California State Legislature	1	$100,716,549	$100,716,549	$201,433,099
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	1	$4,851,530	$4,851,530	$9,703,059
California State Water Resources Control Board	1	$4,860,547	$4,860,547	$9,721,094
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	1	$49,414,245	$49,414,245	$98,828,490
Cannabis Control Appeals Panel	1	$49,414,245	$49,414,245	$98,828,490
Central Valley Flood Protection Board	1	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	1	$4,312,511	$4,312,511	$8,625,023
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	1	$12,712,930	$12,712,930	$25,425,861
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	2	$102,632,754	$136,465,947	$239,098,700
Milton Marks (Little Hoover) Commission	1	$12,179,499	$12,179,499	$24,358,999
Sacramento-San Joaquin Delta Conservancy	1	$3,600,158	$3,600,158	$7,200,315
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	574	$4,052,502,497	$4,165,735,990	$8,218,238,488

Risk Analysis Results – Deep Levee Failure – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	0	$0	$0	$0
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	0	0	$0	$0	$0
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	0	0	$0	$0	$0
Del Norte	0	0	$0	$0	$0
El Dorado	0	0	$0	$0	$0
Fresno	0	0	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	0	0	$0	$0	$0
Imperial	0	0	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	0	0	$0	$0	$0
Lassen	0	0	$0	$0	$0
Los Angeles	0	0	$0	$0	$0
Madera	0	0	$0	$0	$0
Marin	0	0	$0	$0	$0
Mariposa	0	0	$0	$0	$0
Mendocino	0	0	$0	$0	$0
Merced	0	0	$0	$0	$0
Modoc	0	0	$0	$0	$0
Mono	0	0	$0	$0	$0
Monterey	0	0	$0	$0	$0
Napa	0	0	$0	$0	$0
Nevada	0	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	0	0	$0	$0	$0
Placer	0	0	$0	$0	$0
Plumas	0	0	$0	$0	$0
Riverside	0	0	$0	$0	$0
Sacramento	209	13385895	$1,609,500,921	$1,635,319,318	$3,244,820,239
San Benito	0	0	$0	$0	$0
San Bernardino	0	0	$0	$0	$0
San Diego	0	0	$0	$0	$0
San Francisco	0	0	$0	$0	$0
San Joaquin	83	965950	$55,518,201	$51,916,197	$107,434,398
San Luis Obispo	0	0	$0	$0	$0
San Mateo	0	0	$0	$0	$0
Santa Barbara	0	0	$0	$0	$0
Santa Clara	0	0	$0	$0	$0
Santa Cruz	0	0	$0	$0	$0
Shasta	0	0	$0	$0	$0
Sierra	0	0	$0	$0	$0
Siskiyou	0	0	$0	$0	$0
Solano	0	0	$0	$0	$0
Sonoma	0	0	$0	$0	$0
Stanislaus	0	0	$0	$0	$0
Sutter	1	21200	$0	$0	$0
Tehama	0	0	$0	$0	$0
Trinity	0	0	$0	$0	$0
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	0	0	$0	$0	$0
Yolo	18	121529	$30,136,048	$33,709,841	$63,845,889
Yuba	14	242704	$12,549,755	$12,549,755	$25,099,509

Risk Analysis Results – Deep Levee Failure – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	325	14737278	$1,707,704,925	$1,733,495,110	$3,441,200,035

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	1	$0	$0	$0
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	206	$2,106,611,560	$2,168,990,552	$4,275,602,112
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	8	$14,296,613	$14,296,613	$28,593,226
San Luis Obispo	0	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	0	$0	$0	$0
Yolo	35	$280,597,580	$305,661,896	$586,259,477
Yuba	2	$3,335,004	$3,335,004	$6,670,008
Total	252	$2,404,840,757	$2,492,284,065	$4,897,124,822

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	1	$0	$0	$0
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	415	$3,716,112,481	$3,804,309,870	$7,520,422,351
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	91	$69,814,814	$66,212,810	$136,027,624
San Luis Obispo	0	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0

Risk Analysis Results – Deep Levee Failure – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	1	$0	$0	$0
Tehama	0	$0	$0	$0
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	0	$0	$0	$0
Yolo	53	$310,733,628	$339,371,737	$650,105,365
Yuba	16	$15,884,759	$15,884,759	$31,769,517
Total	577	$4,112,545,682	$4,225,779,175	$8,338,324,857

Risk Analysis Results – Deep Levee Failure – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	82	884450	47371469.34	47371469.34	$94,742,939
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	1	81500	8146731.945	4544727.327	$12,691,459
Special School	0	0	$0	$0	$0
Other Facility	242	13771328	1652186723	1681578914	$3,333,765,637
Total	325	14737278	$1,707,704,925	$1,733,495,110	$3,441,200,035

Risk Analysis Results – Deep Levee Failure – State Highways by County

County	Miles of Highway
Alameda	0.0
Alpine	0.0
Amador	0.0
Butte	0.0
Calaveras	0.0
Colusa	25.8
Contra Costa	0.0
Del Norte	0.0
El Dorado	0.0
Fresno	0.0
Glenn	0.0
Humboldt	0.0
Imperial	0.0
Inyo	0.0
Kern	0.0
Kings	0.0
Lake	0.0
Lassen	0.0
Los Angeles	0.0
Madera	0.0
Marin	0.0
Mariposa	0.0
Mendocino	0.0
Merced	12.3
Modoc	0.0
Mono	0.0
Monterey	0.0
Napa	0.0
Nevada	0.0
Orange	0.0

Risk Analysis Results – Deep Levee Failure – State Highways by County

County	Miles of Highway
Placer	0.0
Plumas	0.0
Riverside	0.0
Sacramento	154.4
San Benito	0.0
San Bernardino	0.0
San Diego	0.0
San Francisco	0.0
San Joaquin	56.8
San Luis Obispo	0.0
San Mateo	0.0
Santa Barbara	0.0
Santa Clara	0.0
Santa Cruz	0.0
Shasta	0.0
Sierra	0.0
Siskiyou	0.0
Solano	15.9
Sonoma	0.0
Stanislaus	4.6
Sutter	114.1
Tehama	0.0
Trinity	0.0
Tulare	0.0
Tuolumne	0.0
Ventura	0.0
Yolo	78.2
Yuba	36.8
Total	498.7

Risk Analysis Results – Deep Levee Failure – State Water Project by Branch

County	Number of State-Owned Dams
California Aqueduct	0.0
Coastal Branch	0.0
East Branch	0.0
East Branch Extension	0.0
North Bay Aqueduct	0.0
Oroville	0.0
South Bay Aqueduct	0.0
West Branch	0.0
Total	0.0

Risk Analysis Results for 100-Year Riverine Flooding

Risk Analysis Results – 100-Year Riverine Flood – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	14	83,922	0.0%
Alpine	0	50,861	0.0%
Amador	0	97,686	0.0%
Butte	0	88,320	0.0%
Calaveras	0	124,320	0.0%
Colusa	0	39,975	0.0%
Contra Costa	289	28,731	1.0%
Del Norte	172	10,802	1.6%
El Dorado	0	184,442	0.0%
Fresno	0	51,792	0.0%
Glenn	0	2,085	0.0%
Humboldt	1,430	78,482	1.8%
Imperial	0	710,020	0.0%
Inyo	0	246,441	0.0%
Kern	0	1,014,386	0.0%
Kings	0	8,907	0.0%
Lake	0	82,544	0.0%
Lassen	0	180,689	0.0%
Los Angeles	550	911,564	0.1%
Madera	0	41,190	0.0%
Marin	313	24,696	1.3%
Mariposa	0	228,533	0.0%
Mendocino	697	855,474	0.1%
Merced	0	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	0	130,547	0.0%
Monterey	74	92,667	0.1%
Napa	0	169,772	0.0%
Nevada	0	146,358	0.0%

Risk Analysis Results – 100-Year Riverine Flood – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	48	151,777	0.0%
Placer	0	122,653	0.0%
Plumas	0	60,257	0.0%
Riverside	0	1,065,179	0.0%
Sacramento	0	75,501	0.0%
San Benito	0	8,877	0.0%
San Bernardino	0	1,734,287	0.0%
San Diego	227	522,630	0.0%
San Francisco	300	4,245	7.1%
San Joaquin	0	28,214	0.0%
San Luis Obispo	290	733,458	0.0%
San Mateo	620	32,801	1.9%
Santa Barbara	112	28,657	0.4%
Santa Clara	274	43,054	0.6%
Santa Cruz	130	40,770	0.3%
Shasta	0	381,315	0.0%
Sierra	0	35,361	0.0%
Siskiyou	0	508,754	0.0%
Solano	18	55,831	0.0%
Sonoma	171	57,738	0.3%
Stanislaus	0	14,179	0.0%
Sutter	0	2,369	0.0%
Tehama	0	84,053	0.0%
Trinity	0	116,464	0.0%
Tulare	0	6,847	0.0%
Tuolumne	0	70,255	0.0%
Ventura	43	31,804	0.1%
Yolo	0	40,856	0.0%
Yuba	0	30,685	0.0%

Risk Analysis Results – 100-Year Riverine Flood – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	5,773	11,788,962	0.0%

Risk Analysis Results – 100-Year Riverine Flood – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	0	2	0	0	0	1	3
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	1	0	0	0	1
Calaveras	0	0	1	0	0	0	0	1
Colusa	0	0	0	1	0	0	0	1
Contra Costa	0	1	2	0	0	0	0	3
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	1	0	2	0	0	0	3
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	0	0
Imperial	0	0	1	0	0	0	0	1
Inyo	0	1	4	0	0	0	0	5
Kern	0	4	0	1	0	0	0	5
Kings	0	0	2	0	0	0	0	2
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	1	0	2	0	0	0	1	4
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	1	0	1	2
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	1	0	0	0	0	1
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – 100-Year Riverine Flood – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	2	0	0	0	0	2
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	1	3	0	0	0	0	4
Sacramento	2	0	1	1	0	0	2	6
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	2	0	0	0	0	2
San Diego	0	0	0	0	0	0	3	3
San Francisco	0	0	0	0	0	0	0	0
San Joaquin	0	1	1	0	0	0	0	2
San Luis Obispo	0	0	0	0	0	1	0	1
San Mateo	0	0	0	0	0	0	2	2
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	1	1	2	0	0	0	0	4
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	2	2
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	2	0	0	0	0	2
Sutter	0	1	0	0	0	0	0	1
Tehama	0	0	1	0	0	0	0	1
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	0	0	0	0	0	0	0
Yolo	0	0	0	1	0	0	0	1

Risk Analysis Results – 100-Year Riverine Flood – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	4	11	29	7	1	1	12	65

Risk Analysis Results – 100-Year Riverine Flood – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	-	\$1.0 Billion to Greater Than \$1.1 Billion	-	-	-	\$1.0 Billion to Greater Than \$1.0 Billion
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	\$100.0 Million to \$500.0 Million	-	-	-
Calaveras	-	-	\$100.0 Million to \$500.0 Million	-	-	-	-
Colusa	-	-	-	\$100.0 Million to \$500.0 Million	-	-	-
Contra Costa	-	\$100.0 Million to \$500.0 Million	\$200.0 Million to \$1.0 Billion	-	-	-	-
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	\$100.0 Million to \$500.0 Million	-	\$20.0 Million to \$200.0 Million	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-
Imperial	-	-	\$100.0 Million to \$500.0 Million	-	-	-	-
Inyo	-	\$100.0 Million to \$500.0 Million	\$2.0 Billion to Greater Than \$3.0 Billion	-	-	-	-
Kern	-	\$3.5 Billion to Greater Than	-	\$10.0 Million to \$100.0 Million	-	-	-

Risk Analysis Results – 100-Year Riverine Flood – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
		\$4.0 Billion					
Kings	-	-	\$510.0 Million to \$1.1 Billion	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	\$1.0 Billion to Greater Than \$1.0 Billion	-	\$20.0 Million to \$200.0 Million	-	-	-	\$10.0 Million to \$100.0 Million
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	\$10.0 Million to \$100.0 Million	-	\$10.0 Million to \$100.0 Million
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	\$500.0 Million to \$1.0 Billion	-	-	-	-
Monterey	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	-	\$510.0 Million to \$1.1 Billion	-	-	-	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	\$1.0 Billion to Greater Than \$1.0 Billion	\$30.0 Million to \$300.0 Million	-	-	-	-
Sacramento	\$1.0 Billion to Greater Than \$1.1 Billion	-	\$500.0 Million to \$1.0 Billion	\$10.0 Million to \$100.0 Million	-	-	\$510.0 Million to \$1.1 Billion

Risk Analysis Results – 100-Year Riverine Flood – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
San Benito	-	-	-	-	-	-	-
San Bernardino	-	-	\$2.0 Billion to Greater Than \$2.0 Billion	-	-	-	-
San Diego	-	-	-	-	-	-	\$120.0 Million to \$700.0 Million
San Francisco	-	-	-	-	-	-	-
San Joaquin	-	\$1.0 Billion to Greater Than \$1.0 Billion	\$10.0 Million to \$100.0 Million	-	-	-	-
San Luis Obispo	-	-	-	-	-	\$10.0 Million to \$100.0 Million	-
San Mateo	-	-	-	-	-	-	\$200.0 Million to \$1.0 Billion
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	\$500.0 Million to \$1.0 Billion	\$100.0 Million to \$500.0 Million	\$110.0 Million to \$600.0 Million	-	-	-	-
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	\$200.0 Million to \$1.0 Billion
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	\$20.0 Million to \$200.0 Million	-	-	-	-
Sutter	-	\$100.0 Million to \$500.0 Million	-	-	-	-	-

Risk Analysis Results – 100-Year Riverine Flood – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Tehama	-	-	\$100.0 Million to \$500.0 Million	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	-	-	-	-	-	-
Yolo	-	-	-	\$10.0 Million to \$100.0 Million	-	-	-
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – 100-Year Riverine Flood – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	3,250	33,023	9.8%
Alpine	0	0	0.0%
Amador	0	1,192	0.0%
Butte	3,240	14,655	22.1%
Calaveras	0	1,289	0.0%
Colusa	1,982	3,768	52.6%
Contra Costa	7,922	38,419	20.6%
Del Norte	554	2,543	21.8%
El Dorado	1,331	4,176	31.9%
Fresno	14,525	21,110	68.8%
Glenn	2,174	3,550	61.3%
Humboldt	447	15,429	2.9%
Imperial	1,479	1,733	85.3%
Inyo	65	878	7.4%
Kern	47,490	61,255	77.5%
Kings	8,851	14,484	61.1%
Lake	2,417	8,076	29.9%
Lassen	277	6,727	4.1%
Los Angeles	20,470	56,337	36.3%
Madera	6,026	15,747	38.3%
Marin	12,264	30,802	39.8%
Mariposa	0	254	0.0%
Mendocino	4,183	5,874	71.2%
Merced	51,462	64,519	79.8%
Modoc	262	970	27.0%
Mono	0	784	0.0%
Monterey	9,221	14,784	62.4%
Napa	1,288	8,825	14.6%
Nevada	92	1,596	5.8%
Orange	50,173	106,319	47.2%

Risk Analysis Results – 100-Year Riverine Flood – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	76	9,913	0.8%
Plumas	0	1,625	0.0%
Riverside	31,595	61,720	51.2%
Sacramento	19,067	159,176	12.0%
San Benito	563	2,790	20.2%
San Bernardino	16,095	37,705	42.7%
San Diego	19,821	57,141	34.7%
San Francisco	1	1,054	0.0%
San Joaquin	8,278	52,127	15.9%
San Luis Obispo	0	12,895	0.0%
San Mateo	7,604	40,343	18.8%
Santa Barbara	3,528	16,613	21.2%
Santa Clara	16,904	120,355	14.0%
Santa Cruz	10,605	21,341	49.7%
Shasta	2,291	10,729	21.4%
Sierra	0	135	0.0%
Siskiyou	819	2,484	33.0%
Solano	7,272	22,146	32.8%
Sonoma	2,648	16,670	15.9%
Stanislaus	7,979	14,803	53.9%
Sutter	10	8,311	0.1%
Tehama	6,029	8,016	75.2%
Trinity	0	734	0.0%
Tulare	50,900	69,927	72.8%
Tuolumne	0	237	0.0%
Ventura	9,347	29,880	31.3%
Yolo	6,790	25,112	27.0%
Yuba	6,381	11,266	56.6%
Total	486,048	1,354,364	35.9%

Risk Analysis Results – 100-Year Riverine Flood – State Bridges by County

County	# of Bridges
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	6
Glenn	0
Humboldt	0
Imperial	20
Inyo	16
Kern	0
Kings	0
Lake	5
Lassen	1
Los Angeles	0
Madera	4
Marin	0
Mariposa	19
Mendocino	0
Merced	0
Modoc	1
Mono	31
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – 100-Year Riverine Flood – State Bridges by County

County	# of Bridges
Placer	0
Plumas	4
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	12
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	97
Sierra	0
Siskiyou	125
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	17
Trinity	22
Tulare	0
Tuolumne	4
Ventura	0
Yolo	0
Yuba	0
Total	384

Risk Analysis Results – 100-Year Riverine Flood – State Dams by County

County	Number of State-Owned Dams
Alameda	0
Alpine	0
Amador	1
Butte	2
Calaveras	0
Colusa	0
Contra Costa	1
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	1
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – 100-Year Riverine Flood – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	1
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	1
Yuba	0
Total	7

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	266	3405313	$107,785,327	$107,785,327	$215,570,654
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	283	417170	$19,925,734	$18,987,881	$38,913,615
CA Dept of Food and Agriculture	4	14300	$0	$0	$0
CA Dept of Forestry and Fire Protection	64	102964	$30,896,957	$19,499,648	$50,396,606
CA Dept of General Services	0	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	5	329500	$555,472,024	$280,239,085	$835,711,109
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	6	47897	$8,831,731	$9,872,196	$18,703,927
CA Dept of Parks and Recreation	576	459700	$42,864,306	$40,496,399	$83,360,705
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	151	256350	$24,816,221	$27,023,000	$51,839,221
CA Dept of Veterans Affairs	0	0	$0	$0	$0
CA Dept of Water Resources	1	336	$0	$0	$0
CA Employment Development Department	2	43223	$3,193,644	$3,193,644	$6,387,288
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	5	27560	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	7	24392	$8,272,922	$11,990,170	$20,263,091
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	2	19531	$2,698,206	$2,698,206	$5,396,411
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	4	52308	$4,135,110	$4,414,272	$8,549,382

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	257	1594905	$456,067,081	$453,355,393	$909,422,474
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	3	65977	$12,232,514	$8,134,160	$20,366,674
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	6	6684	$57,781	$28,891	$86,672
Santa Monica Mountains Conservancy	0	0	$0	$0	$0
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	1642	6868110	$1,277,249,558	$987,718,271	$2,264,967,829

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	2	$1,532,419	$1,047,488	$2,579,906
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	1	$304,150	$152,075	$456,224
CA Dept of Alcoholic Beverage Control	3	$20,991,711	$20,991,711	$41,983,423
CA Dept of Cannabis Control	2	$11,575,598	$11,575,598	$23,151,196
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	1	$3,989,743	$3,989,743	$7,979,485
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	19	$172,745,371	$200,700,417	$373,445,788
CA Dept of Corrections and Rehabilitation	2	$3,145,392	$3,145,392	$6,290,784
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	2	$9,259,750	$9,259,750	$18,519,499
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	1	$4,572,721	$4,572,721	$9,145,441
CA Dept of Fish and Wildlife	35	$56,022,528	$56,792,213	$112,814,741
CA Dept of Food and Agriculture	15	$48,314,591	$51,551,182	$99,865,773

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	3	$580,106	$580,106	$1,160,213
CA Dept of General Services	4	$44,008,088	$44,008,088	$88,016,175
CA Dept of Health Care Access and Information	2	$17,050,084	$21,727,344	$38,777,427
CA Dept of Health Care Services	1	$5,306,574	$7,959,862	$13,266,436
CA Dept of Housing & Community Development	1	$7,695,564	$7,695,564	$15,391,128
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	5	$30,380,427	$30,380,427	$60,760,855
CA Dept of Insurance	1	$10,078,019	$10,078,019	$20,156,038
CA Dept of Justice	2	$15,027,921	$15,027,921	$30,055,842
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	6	$60,290,956	$48,258,030	$108,548,987
CA Dept of Parks and Recreation	4	$4,160,874	$4,160,874	$8,321,748
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	7	$48,117,341	$42,191,028	$90,308,369
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	3	$3,260,943	$3,260,943	$6,521,886
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	7	$51,548,420	$54,201,707	$105,750,127
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	1	$9,527,449	$9,527,449	$19,054,898
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	7	$20,103,182	$19,871,834	$39,975,016
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	5	$17,342,331	$18,544,906	$35,887,236

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	4	$15,832,702	$15,832,702	$31,665,405
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	2	$2,055,099	$2,055,099	$4,110,199
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	5	$31,126,211	$31,126,211	$62,252,421
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	1	$3,551,663	$3,551,663	$7,103,325
California Board of State and Community Corrections	1	$2,750,277	$2,750,277	$5,500,553
California Children and Families Commission	1	$3,989,743	$3,989,743	$7,979,485
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	2	$1,773,589	$886,794	$2,660,383
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	3	$2,690,432	$3,835,280	$6,525,713
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	1	$9,354,520	$14,031,779	$23,386,299
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	2	$7,917,273	$7,917,273	$15,834,545
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	1	$261,276	$391,914	$653,190
California Horse Racing Board	1	$8,143,542	$8,143,542	$16,287,084
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	1	$1,766,779	$883,389	$2,650,168
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	3	$16,102,604	$16,102,604	$32,205,207
California State Board of Equalization	1	$9,527,449	$9,527,449	$19,054,898
California State Independent Living Council	1	$5,094,778	$5,094,778	$10,189,556

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	8	$13,886,337	$16,921,447	$30,807,784
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	1	$12,519,849	$12,519,849	$25,039,697
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	1	$13,771,849	$13,771,849	$27,543,697
University of California	0	$0	$0	$0
Total	182	$839,048,220	$870,586,030	$1,709,634,251

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	2	$1,532,419	$1,047,488	$2,579,906
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	1	$304,150	$152,075	$456,224
CA Dept of Alcoholic Beverage Control	3	$20,991,711	$20,991,711	$41,983,423
CA Dept of Cannabis Control	2	$11,575,598	$11,575,598	$23,151,196
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	1	$3,989,743	$3,989,743	$7,979,485
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	19	$172,745,371	$200,700,417	$373,445,788
CA Dept of Corrections and Rehabilitation	268	$110,930,719	$110,930,719	$221,861,437

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	2	$9,259,750	$9,259,750	$18,519,499
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	1	$4,572,721	$4,572,721	$9,145,441
CA Dept of Fish and Wildlife	318	$75,948,262	$75,780,094	$151,728,356
CA Dept of Food and Agriculture	19	$48,314,591	$51,551,182	$99,865,773
CA Dept of Forestry and Fire Protection	67	$31,477,064	$20,079,755	$51,556,818
CA Dept of General Services	4	$44,008,088	$44,008,088	$88,016,175
CA Dept of Health Care Access and Information	2	$17,050,084	$21,727,344	$38,777,427
CA Dept of Health Care Services	1	$5,306,574	$7,959,862	$13,266,436
CA Dept of Housing & Community Development	6	$563,167,588	$287,934,649	$851,102,238
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	5	$30,380,427	$30,380,427	$60,760,855
CA Dept of Insurance	1	$10,078,019	$10,078,019	$20,156,038
CA Dept of Justice	2	$15,027,921	$15,027,921	$30,055,842
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	12	$69,122,687	$58,130,227	$127,252,914
CA Dept of Parks and Recreation	580	$47,025,180	$44,657,273	$91,682,453
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	7	$48,117,341	$42,191,028	$90,308,369
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	3	$3,260,943	$3,260,943	$6,521,886
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	7	$51,548,420	$54,201,707	$105,750,127
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	1	$9,527,449	$9,527,449	$19,054,898
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	158	$44,919,403	$46,894,834	$91,814,237
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	6	$17,342,331	$18,544,906	$35,887,236
CA Employment Development Department	6	$19,026,346	$19,026,346	$38,052,692
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	2	$2,055,099	$2,055,099	$4,110,199
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	5	$31,126,211	$31,126,211	$62,252,421
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	1	$3,551,663	$3,551,663	$7,103,325
California Board of State and Community Corrections	1	$2,750,277	$2,750,277	$5,500,553
California Children and Families Commission	1	$3,989,743	$3,989,743	$7,979,485
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	2	$1,773,589	$886,794	$2,660,383

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	8	$2,690,432	$3,835,280	$6,525,713
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	1	$9,354,520	$14,031,779	$23,386,299
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	2	$7,917,273	$7,917,273	$15,834,545
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	8	$8,534,198	$12,382,084	$20,916,282
California Horse Racing Board	1	$8,143,542	$8,143,542	$16,287,084
California Law Revision Commission	0	$0	$0	$0
California Lottery	2	$2,698,206	$2,698,206	$5,396,411
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	1	$1,766,779	$883,389	$2,650,168
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	3	$16,102,604	$16,102,604	$32,205,207
California State Board of Equalization	1	$9,527,449	$9,527,449	$19,054,898
California State Independent Living Council	1	$5,094,778	$5,094,778	$10,189,556
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	12	$18,021,447	$21,335,719	$39,357,166
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	257	$456,067,081	$453,355,393	$909,422,474
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	4	$24,752,363	$20,654,009	$45,406,372
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	6	$57,781	$28,891	$86,672
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	1	$13,771,849	$13,771,849	$27,543,697
University of California	0	$0	$0	$0
Total	1824	$2,116,297,778	$1,858,304,301	$3,974,602,079

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	0	$0	$0	$0
Alpine	0	0	$0	$0	$0
Amador	7	5817	$0	$0	$0
Butte	28	22129	$326,859	$242,218	$569,077
Calaveras	0	0	$0	$0	$0
Colusa	8	3923	$0	$0	$0
Contra Costa	38	146623	$7,988,373	$7,988,373	$15,976,747
Del Norte	0	0	$0	$0	$0
El Dorado	5	4730	$6,111,651	$6,111,651	$12,223,303
Fresno	44	46704	$57,781	$28,891	$86,672
Glenn	2	2328	$0	$0	$0
Humboldt	117	169423	$11,061,634	$10,456,592	$21,518,226
Imperial	25	6242	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	29	38149	$3,872,610	$3,455,274	$7,327,884
Kings	125	1674340	$0	$0	$0
Lake	62	128587	$7,012,958	$6,925,165	$13,938,123
Lassen	26	39150	$0	$0	$0
Los Angeles	33	178853	$6,895,501	$6,895,501	$13,791,002
Madera	64	851623	$60,610,454	$60,512,156	$121,122,610
Marin	6	15336	$2,980,524	$4,128,241	$7,108,765
Mariposa	0	0	$0	$0	$0
Mendocino	116	76597	$4,895,305	$4,398,197	$9,293,502
Merced	42	133547	$42,238,733	$33,752,239	$75,990,972
Modoc	1	7800	$1,359,664	$679,832	$2,039,496
Mono	0	0	$0	$0	$0
Monterey	21	21402	$5,547,700	$3,585,008	$9,132,708
Napa	21	111348	$313,560	$275,441	$589,001
Nevada	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	2	240	$0	$0	$0
Placer	0	0	$0	$0	$0
Plumas	1	3080	$0	$0	$0
Riverside	6	5268	$26,153,622	$15,201,762	$41,355,385
Sacramento	38	82445	$12,898,931	$12,839,020	$25,737,950
San Benito	0	0	$0	$0	$0
San Bernardino	0	0	$0	$0	$0
San Diego	230	932027	$417,590,442	$414,541,880	$832,132,322
San Francisco	0	0	$0	$0	$0
San Joaquin	96	898039	$50,623,066	$51,448,924	$102,071,989
San Luis Obispo	67	229907	$15,395,391	$18,297,083	$33,692,474
San Mateo	8	34431	$8,773,132	$12,127,569	$20,900,701
Santa Barbara	2	3002	$2,613,493	$3,920,239	$6,533,731
Santa Clara	6	124815	$510,452,855	$255,226,428	$765,679,283
Santa Cruz	45	139545	$11,076,358	$7,657,836	$18,734,194
Shasta	8	9280	$134,656	$67,328	$201,984
Sierra	8	13234	$1,505,601	$1,505,601	$3,011,201
Siskiyou	88	302959	$11,993,343	$12,613,393	$24,606,736
Solano	37	98429	$20,580,491	$11,681,608	$32,262,098
Sonoma	4	1935	$0	$0	$0
Stanislaus	0	0	$0	$0	$0
Sutter	2	240	$0	$0	$0
Tehama	30	32563	$330,605	$272,008	$602,612
Trinity	11	12076	$414,589	$414,589	$829,179
Tulare	82	53004	$4,334,225	$4,334,225	$8,668,449
Tuolumne	0	0	$0	$0	$0
Ventura	41	49008	$3,129,531	$2,869,135	$5,998,666
Yolo	10	157932	$17,975,917	$13,264,868	$31,240,785
Yuba	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	1642	6868110	$1,277,249,558	$987,718,271	$2,264,967,829

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	1	$2,129,327	$2,129,327	$4,258,653
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	3	$2,743,248	$2,743,248	$5,486,496
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	6	$6,056,677	$7,773,949	$13,830,625
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	1	$969,862	$484,931	$1,454,793
Kings	0	$0	$0	$0
Lake	3	$25,147,531	$13,880,096	$39,027,627
Lassen	2	$15,413,410	$15,413,410	$30,826,821
Los Angeles	2	$462,695	$231,348	$694,043
Madera	0	$0	$0	$0
Marin	3	$7,924,208	$7,924,208	$15,848,415
Mariposa	0	$0	$0	$0
Mendocino	3	$6,793,483	$6,793,483	$13,586,967

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	1	$1,022,148	$1,022,148	$2,044,296
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	5	$7,082,704	$6,562,735	$13,645,438
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	1	$0	$0	$0
Riverside	1	$413,538	$413,538	$827,075
Sacramento	107	$697,977,528	$738,875,313	$1,436,852,841
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	6	$5,057,973	$4,900,857	$9,958,830
San Francisco	0	$0	$0	$0
San Joaquin	5	$16,642,507	$17,625,376	$34,267,884
San Luis Obispo	5	$3,041,164	$2,646,055	$5,687,219
San Mateo	1	$4,539,509	$4,539,509	$9,079,018
Santa Barbara	1	$1,352,489	$1,352,489	$2,704,978
Santa Clara	5	$14,699,288	$18,150,593	$32,849,881
Santa Cruz	2	$1,773,589	$886,794	$2,660,383
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	2	$359,661	$539,492	$899,153
Solano	2	$1,766,779	$883,389	$2,650,168
Sonoma	2	$2,935,909	$2,935,909	$5,871,818
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	4	$3,618,415	$3,618,415	$7,236,831

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	4	$6,792,133	$6,792,133	$13,584,267
Tuolumne	0	$0	$0	$0
Ventura	2	$2,133,107	$1,367,615	$3,500,721
Yolo	1	$199,341	$99,671	$299,012
Yuba	1	$0	$0	$0
Total	182	$839,048,220	$870,586,030	$1,709,634,251

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	1	$2,129,327	$2,129,327	$4,258,653
Alpine	0	$0	$0	$0
Amador	7	$0	$0	$0
Butte	28	$326,859	$242,218	$569,077
Calaveras	0	$0	$0	$0
Colusa	8	$0	$0	$0
Contra Costa	41	$10,731,621	$10,731,621	$21,463,243
Del Norte	0	$0	$0	$0
El Dorado	5	$6,111,651	$6,111,651	$12,223,303
Fresno	44	$57,781	$28,891	$86,672
Glenn	2	$0	$0	$0
Humboldt	123	$17,118,311	$18,230,541	$35,348,852
Imperial	25	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	30	$4,842,472	$3,940,205	$8,782,677
Kings	125	$0	$0	$0
Lake	65	$32,160,489	$20,805,261	$52,965,750

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	28	$15,413,410	$15,413,410	$30,826,821
Los Angeles	35	$7,358,196	$7,126,849	$14,485,045
Madera	64	$60,610,454	$60,512,156	$121,122,610
Marin	9	$10,904,732	$12,052,448	$22,957,180
Mariposa	0	$0	$0	$0
Mendocino	119	$11,688,789	$11,191,680	$22,880,469
Merced	43	$43,260,881	$34,774,387	$78,035,268
Modoc	1	$1,359,664	$679,832	$2,039,496
Mono	0	$0	$0	$0
Monterey	26	$12,630,404	$10,147,742	$22,778,146
Napa	21	$313,560	$275,441	$589,001
Nevada	0	$0	$0	$0
Orange	2	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	2	$0	$0	$0
Riverside	7	$26,567,160	$15,615,300	$42,182,460
Sacramento	145	$710,876,458	$751,714,333	$1,462,590,791
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	236	$422,648,415	$419,442,737	$842,091,152
San Francisco	0	$0	$0	$0
San Joaquin	101	$67,265,573	$69,074,300	$136,339,873
San Luis Obispo	72	$18,436,554	$20,943,139	$39,379,693
San Mateo	9	$13,312,641	$16,667,078	$29,979,719
Santa Barbara	3	$3,965,981	$5,272,728	$9,238,709
Santa Clara	11	$525,152,143	$273,377,020	$798,529,164
Santa Cruz	47	$12,849,947	$8,544,630	$21,394,577
Shasta	8	$134,656	$67,328	$201,984
Sierra	8	$1,505,601	$1,505,601	$3,011,201

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	90	$12,353,004	$13,152,885	$25,505,889
Solano	39	$22,347,269	$12,564,997	$34,912,266
Sonoma	6	$2,935,909	$2,935,909	$5,871,818
Stanislaus	0	$0	$0	$0
Sutter	2	$0	$0	$0
Tehama	34	$3,949,020	$3,890,423	$7,839,443
Trinity	11	$414,589	$414,589	$829,179
Tulare	86	$11,126,358	$11,126,358	$22,252,716
Tuolumne	0	$0	$0	$0
Ventura	43	$5,262,638	$4,236,749	$9,499,387
Yolo	11	$18,175,258	$13,364,539	$31,539,797
Yuba	1	$0	$0	$0
Total	1824	$2,116,297,778	$1,858,304,301	$3,974,602,079

Risk Analysis Results – 100-Year Riverine Flood – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	266	3405313	$107,785,327	$107,785,327	$215,570,654
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	5	329500	$555,472,024	$280,239,085	$835,711,109
Special School	0	0	$0	$0	$0
Other Facility	1371	3133297	$613,992,207	$599,693,859	$1,213,686,066
Total	1642	6868110	$1,277,249,558	$987,718,271	$2,264,967,829

Risk Analysis Results – 100-Year Riverine Flood – State Highways by County

County	Miles of Highway
Alameda	22.4
Alpine	0.0
Amador	5.9
Butte	41.1
Calaveras	2.2
Colusa	37.8
Contra Costa	6.8
Del Norte	15.5
El Dorado	2.1
Fresno	114.1
Glenn	74.3
Humboldt	104.3
Imperial	34.7
Inyo	51.8
Kern	196.4
Kings	70.5
Lake	11.3
Lassen	86.3
Los Angeles	34.0
Madera	18.5
Marin	20.9
Mariposa	16.0
Mendocino	72.4
Merced	145.7
Modoc	19.3
Mono	23.6
Monterey	35.9
Napa	18.8
Nevada	2.4
Orange	25.4

Risk Analysis Results – 100-Year Riverine Flood – State Highways by County

County	Miles of Highway
Placer	8.8
Plumas	19.3
Riverside	64.3
Sacramento	193.7
San Benito	12.7
San Bernardino	49.2
San Diego	44.5
San Francisco	0.8
San Joaquin	75.8
San Luis Obispo	60.0
San Mateo	26.5
Santa Barbara	38.1
Santa Clara	51.9
Santa Cruz	17.7
Shasta	16.5
Sierra	11.4
Siskiyou	71.8
Solano	84.7
Sonoma	28.1
Stanislaus	34.1
Sutter	80.2
Tehama	17.0
Trinity	14.0
Tulare	94.8
Tuolumne	1.5
Ventura	31.7
Yolo	135.4
Yuba	32.1
Total	2,627.0

Risk Analysis Results – 100-Year Riverine Flood – State Water Project by Branch

County	Number of State-Owned Dams
California Aqueduct	41.6
Coastal Branch	7.8
East Branch	8.4
East Branch Extension	5.3
North Bay Aqueduct	4.8
Oroville	3.5
South Bay Aqueduct	0.9
West Branch	2.0
Total	74.4

Risk Analysis Results for 500-Year Riverine Flooding

Risk Analysis Results – 500-Year Riverine Flood – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	3,544	83,922	4.2%
Alpine	0	50,861	0.0%
Amador	6,775	97,686	6.9%
Butte	5,263	88,320	6.0%
Calaveras	3,862	124,320	3.1%
Colusa	27,225	39,975	68.1%
Contra Costa	5,400	28,731	18.8%
Del Norte	3,779	10,802	35.0%
El Dorado	3,431	184,442	1.9%
Fresno	7,407	51,792	14.3%
Glenn	940	2,085	45.1%
Humboldt	16,433	78,482	20.9%
Imperial	39,356	710,020	5.5%
Inyo	43,150	246,441	17.5%
Kern	145,323	1,014,386	14.3%
Kings	1,902	8,907	21.4%
Lake	4,164	82,544	5.0%
Lassen	60,801	180,689	33.6%
Los Angeles	130,690	911,564	14.3%
Madera	3,416	41,190	8.3%
Marin	2,902	24,696	11.7%
Mariposa	6,109	228,533	2.7%
Mendocino	11,526	855,474	1.3%
Merced	2,183	12,030	18.1%
Modoc	1,237	2,853	43.4%
Mono	15,753	130,547	12.1%
Monterey	1,975	92,667	2.1%
Napa	2,465	169,772	1.5%
Nevada	2,550	146,358	1.7%

Risk Analysis Results – 500-Year Riverine Flood – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	10,832	151,777	7.1%
Placer	6,876	122,653	5.6%
Plumas	7,335	60,257	12.2%
Riverside	102,164	1,065,179	9.6%
Sacramento	32,799	75,501	43.4%
San Benito	349	8,877	3.9%
San Bernardino	82,646	1,734,287	4.8%
San Diego	39,832	522,630	7.6%
San Francisco	338	4,245	8.0%
San Joaquin	8,483	28,214	30.1%
San Luis Obispo	34,316	733,458	4.7%
San Mateo	3,096	32,801	9.4%
Santa Barbara	1,905	28,657	6.6%
Santa Clara	6,793	43,054	15.8%
Santa Cruz	1,178	40,770	2.9%
Shasta	10,505	381,315	2.8%
Sierra	1,598	35,361	4.5%
Siskiyou	29,538	508,754	5.8%
Solano	27,826	55,831	49.8%
Sonoma	2,794	57,738	4.8%
Stanislaus	2,354	14,179	16.6%
Sutter	377	2,369	15.9%
Tehama	4,463	84,053	5.3%
Trinity	2,286	116,464	2.0%
Tulare	1,096	6,847	16.0%
Tuolumne	1,583	70,255	2.3%
Ventura	5,500	31,804	17.3%
Yolo	6,725	40,856	16.5%
Yuba	2,792	30,685	9.1%

Risk Analysis Results – 500-Year Riverine Flood – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	997,939	11,788,962	8.5%

Risk Analysis Results – 500-Year Riverine Flood – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	0	2	0	0	0	3	5
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	1	0	1	0	0	0	2
Calaveras	0	0	1	0	0	0	0	1
Colusa	0	1	0	3	0	0	0	4
Contra Costa	0	2	2	0	0	0	0	4
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	1	3	4	0	2	0	10
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	0	0
Imperial	0	0	2	0	0	0	0	2
Inyo	0	1	4	0	0	0	0	5
Kern	0	5	0	1	0	0	0	6
Kings	0	0	2	0	0	0	0	2
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	1	2	3	0	1	0	1	8
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	1	0	1	2
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	1	0	0	0	0	1
Monterey	0	0	1	0	0	1	0	2
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – 500-Year Riverine Flood – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	1	3	1	1	0	1	7
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	1	4	0	0	0	0	5
Sacramento	2	0	1	2	0	0	3	8
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	2	6	0	0	0	3	11
San Diego	0	1	1	0	0	0	5	7
San Francisco	0	0	0	0	0	0	0	0
San Joaquin	0	1	2	0	0	1	1	5
San Luis Obispo	0	0	0	0	0	1	0	1
San Mateo	0	0	0	0	0	1	2	3
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	6	3	2	0	1	0	0	12
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	2	2
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	1	0	0	0	1	0	2
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	2	0	0	0	0	2
Sutter	0	1	0	0	0	0	0	1
Tehama	0	0	1	0	0	0	0	1
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	1	1	0	0	0	1	3
Yolo	0	0	0	1	0	0	0	1

Risk Analysis Results – 500-Year Riverine Flood – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	9	25	44	13	4	7	23	125

Risk Analysis Results – 500-Year Riverine Flood – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	-	$1.0 Billion to Greater Than $1.1 Billion	-	-	-	$2.0 Billion to Greater Than $2.1 Billion
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	$1.0 Billion to Greater Than $1.0 Billion	-	$100.0 Million to $500.0 Million	-	-	-
Calaveras	-	-	$100.0 Million to $500.0 Million	-	-	-	-
Colusa	-	$100.0 Million to $500.0 Million	-	$210.0 Million to $1.1 Billion	-	-	-
Contra Costa	-	$200.0 Million to $1.0 Billion	$200.0 Million to $1.0 Billion	-	-	-	-
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	$100.0 Million to $500.0 Million	$700.0 Million to $2.0 Billion	$220.0 Million to $1.2 Billion	-	$10.0 Million to $110.0 Million	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-

Risk Analysis Results – 500-Year Riverine Flood – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Imperial	-	-	$110.0 Million to $600.0 Million	-	-	-	-
Inyo	-	$100.0 Million to $500.0 Million	$2.0 Billion to Greater Than $3.0 Billion	-	-	-	-
Kern	-	$3.6 Billion to Greater Than $4.5 Billion	-	$10.0 Million to $100.0 Million	-	-	-
Kings	-	-	$510.0 Million to $1.1 Billion	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	$1.0 Billion to Greater Than $1.0 Billion	$1.5 Billion to Greater Than $2.0 Billion	$30.0 Million to $300.0 Million	-	$1.0 Billion to Greater Than $1.0 Billion	-	$10.0 Million to $100.0 Million
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	$10.0 Million to $100.0 Million	-	$10.0 Million to $100.0 Million
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-

Risk Analysis Results – 500-Year Riverine Flood – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Modoc	-	-	-	-	-	-	-
Mono	-	-	$500.0 Million to $1.0 Billion	-	-	-	-
Monterey	-	-	$500.0 Million to $1.0 Billion	-	-	$10.0 Million to $100.0 Million	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	$100.0 Million to $500.0 Million	$1.0 Billion to $2.1 Billion	$100.0 Million to $500.0 Million	$10.0 Million to $100.0 Million	-	$10.0 Million to $100.0 Million
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	$1.0 Billion to Greater Than $1.0 Billion	$30.0 Million to $310.0 Million	-	-	-	-
Sacramento	$1.0 Billion to Greater Than $1.1 Billion	-	$500.0 Million to $1.0 Billion	$110.0 Million to $600.0 Million	-	-	$610.0 Million to $1.6 Billion
San Benito	-	-	-	-	-	-	-
San Bernardino	-	$200.0 Million to $1.0 Billion	$2.6 Billion to Greater Than $3.7 Billion	-	-	-	$120.0 Million to $700.0 Million

Risk Analysis Results – 500-Year Riverine Flood – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
San Diego	-	$10.0 Million to $100.0 Million	$10.0 Million to $100.0 Million	-	-	-	$1.1 Billion to $2.7 Billion
San Francisco	-	-	-	-	-	-	-
San Joaquin	-	$1.0 Billion to Greater Than $1.0 Billion	$510.0 Million to $1.1 Billion	-	-	$100.0 Million to $500.0 Million	$10.0 Million to $100.0 Million
San Luis Obispo	-	-	-	-	-	$10.0 Million to $100.0 Million	-
San Mateo	-	-	-	-	-	$100.0 Million to $500.0 Million	$200.0 Million to $1.0 Billion
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	$910.0 Million to $3.1 Billion	$210.0 Million to $1.1 Billion	$110.0 Million to $600.0 Million	-	$1.0 Billion to Greater Than $1.0 Billion	-	-
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	$200.0 Million to $1.0 Billion
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	$100.0 Million to $500.0 Million	-	-	-	$0 to $10.0 Million	-
Sonoma	-	-	-	-	-	-	-

Risk Analysis Results – 500-Year Riverine Flood – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Stanislaus	-	-	$20.0 Million to $200.0 Million	-	-	-	-
Sutter	-	$100.0 Million to $500.0 Million	-	-	-	-	-
Tehama	-	-	$100.0 Million to $500.0 Million	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	$100.0 Million to $500.0 Million	$10.0 Million to $100.0 Million	-	-	-	$1.0 Billion to Greater Than $1.0 Billion
Yolo	-	-	-	$10.0 Million to $100.0 Million	-	-	-
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – 500-Year Riverine Flood – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	33,786	148,289	22.8%
Alpine	0	0	0.0%
Amador	0	1,313	0.0%
Butte	11,473	57,550	19.9%
Calaveras	0	1,929	0.0%
Colusa	5,782	10,680	54.1%
Contra Costa	16,373	69,259	23.6%
Del Norte	554	2,737	20.2%
El Dorado	1,477	4,604	32.1%
Fresno	185,350	248,406	74.6%
Glenn	6,755	8,333	81.1%
Humboldt	568	15,984	3.6%
Imperial	3,235	3,502	92.4%
Inyo	134	1,148	11.6%
Kern	78,834	112,313	70.2%
Kings	9,206	16,523	55.7%
Lake	2,698	8,965	30.1%
Lassen	277	6,812	4.1%
Los Angeles	206,713	432,305	47.8%
Madera	18,098	28,039	64.5%
Marin	12,783	46,830	27.3%
Mariposa	0	254	0.0%
Mendocino	5,424	7,255	74.8%
Merced	56,736	72,675	78.1%
Modoc	303	1,014	29.9%
Mono	0	1,203	0.0%
Monterey	113,941	207,696	54.9%
Napa	1,763	13,400	13.2%
Nevada	137	1,690	8.1%
Orange	509,272	1,014,292	50.2%

Risk Analysis Results – 500-Year Riverine Flood – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	151	10,523	1.4%
Plumas	0	2,216	0.0%
Riverside	104,720	228,991	45.7%
Sacramento	108,168	315,752	34.3%
San Benito	563	3,155	17.8%
San Bernardino	112,601	213,248	52.8%
San Diego	81,811	167,671	48.8%
San Francisco	6	6,866	0.1%
San Joaquin	88,574	224,196	39.5%
San Luis Obispo	0	37,248	0.0%
San Mateo	14,023	91,950	15.3%
Santa Barbara	25,197	52,724	47.8%
Santa Clara	33,569	635,469	5.3%
Santa Cruz	13,897	25,777	53.9%
Shasta	4,131	25,727	16.1%
Sierra	0	135	0.0%
Siskiyou	874	2,996	29.2%
Solano	16,154	74,356	21.7%
Sonoma	4,056	28,031	14.5%
Stanislaus	20,354	41,079	49.5%
Sutter	12	13,366	0.1%
Tehama	8,587	10,711	80.2%
Trinity	0	799	0.0%
Tulare	147,094	244,105	60.3%
Tuolumne	0	237	0.0%
Ventura	67,367	179,181	37.6%
Yolo	13,546	35,281	38.4%
Yuba	6,381	12,539	50.9%
Total	2,153,508	5,229,330	41.2%

Risk Analysis Results – 500-Year Riverine Flood – State Bridges by County

County	# of Bridges
Alameda	74
Alpine	0
Amador	9
Butte	64
Calaveras	4
Colusa	34
Contra Costa	27
Del Norte	15
El Dorado	9
Fresno	133
Glenn	38
Humboldt	60
Imperial	109
Inyo	5
Kern	97
Kings	15
Lake	13
Lassen	23
Los Angeles	98
Madera	26
Marin	35
Mariposa	18
Mendocino	68
Merced	65
Modoc	17
Mono	8
Monterey	67
Napa	15
Nevada	11
Orange	221

Risk Analysis Results – 500-Year Riverine Flood – State Bridges by County

County	# of Bridges
Placer	27
Plumas	8
Riverside	113
Sacramento	106
San Benito	15
San Bernardino	129
San Diego	136
San Francisco	3
San Joaquin	78
San Luis Obispo	91
San Mateo	58
Santa Barbara	80
Santa Clara	241
Santa Cruz	31
Shasta	31
Sierra	7
Siskiyou	47
Solano	40
Sonoma	27
Stanislaus	14
Sutter	17
Tehama	61
Trinity	13
Tulare	90
Tuolumne	2
Ventura	53
Yolo	51
Yuba	12
Total	2959

Risk Analysis Results – 500-Year Riverine Flood – State Dams by County

County	Number of State-Owned Dams
Alameda	0
Alpine	0
Amador	1
Butte	2
Calaveras	0
Colusa	0
Contra Costa	1
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	1
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – 500-Year Riverine Flood – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	1
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	1
Yuba	0
Total	7

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	308	3720744	$141,535,881	$134,076,508	$275,612,389
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	337	491420	$21,109,932	$19,933,652	$41,043,584
CA Dept of Food and Agriculture	5	24226	$1,692,663	$1,692,663	$3,385,325
CA Dept of Forestry and Fire Protection	127	299343	$62,558,979	$54,906,920	$117,465,899
CA Dept of General Services	15	1705451	$143,334,282	$151,243,466	$294,577,748
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	9	512233	$569,777,234	$290,194,941	$859,972,175
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	20	202274	$35,609,434	$36,177,473	$71,786,907
CA Dept of Parks and Recreation	664	608458	$45,364,093	$42,843,909	$88,208,002
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	342	532487	$44,792,483	$50,606,445	$95,398,929
CA Dept of Veterans Affairs	9	341126	$76,284,358	$75,386,516	$151,670,874
CA Dept of Water Resources	1	336	$0	$0	$0
CA Employment Development Department	6	106583	$13,702,427	$13,282,143	$26,984,570
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	15	76666	$3,412,783	$3,412,783	$6,825,567
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	1	8949	$1,208,407	$1,208,407	$2,416,814
California Highway Patrol	20	72890	$21,725,829	$31,062,019	$52,787,848
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	4	93365	$10,006,879	$10,006,879	$20,013,758
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	5	49500	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	147	4107598	$327,355,789	$379,901,830	$707,257,619

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	393	3072269	$587,309,770	$583,561,313	$1,170,871,083
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	17	1357817	$54,577,840	$48,682,942	$103,260,782
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	6	6684	$57,781	$28,891	$86,672
Santa Monica Mountains Conservancy	0	0	$0	$0	$0
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	2451	17390419	$2,161,416,844	$1,928,209,700	$4,089,626,545

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	11	$38,104,246	$38,422,743	$76,526,989
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	1	$304,150	$152,075	$456,224
CA Dept of Alcoholic Beverage Control	4	$24,707,950	$24,707,950	$49,415,900
CA Dept of Cannabis Control	2	$11,575,598	$11,575,598	$23,151,196
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	1	$3,989,743	$3,989,743	$7,979,485
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	21	$195,532,058	$223,487,104	$419,019,162
CA Dept of Corrections and Rehabilitation	16	$190,559,623	$194,815,930	$385,375,553
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	8	$25,428,463	$25,428,463	$50,856,925
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	1	$4,572,721	$4,572,721	$9,145,441
CA Dept of Fish and Wildlife	45	$107,185,838	$107,746,587	$214,932,425
CA Dept of Food and Agriculture	25	$97,665,727	$100,691,524	$198,357,251

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	12	$45,028,533	$45,461,741	$90,490,274
CA Dept of General Services	5	$45,792,649	$45,792,649	$91,585,297
CA Dept of Health Care Access and Information	2	$17,050,084	$21,727,344	$38,777,427
CA Dept of Health Care Services	1	$5,306,574	$7,959,862	$13,266,436
CA Dept of Housing & Community Development	1	$7,695,564	$7,695,564	$15,391,128
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	10	$57,503,793	$55,423,383	$112,927,177
CA Dept of Insurance	2	$12,424,196	$13,597,285	$26,021,481
CA Dept of Justice	3	$17,674,756	$17,674,756	$35,349,512
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	25	$136,115,568	$123,911,842	$260,027,410
CA Dept of Parks and Recreation	5	$4,317,778	$4,317,778	$8,635,555
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	11	$62,232,571	$56,199,166	$118,431,736
CA Dept of Real Estate	1	$738,876	$738,876	$1,477,753
CA Dept of Rehabilitation	13	$38,634,289	$38,634,289	$77,268,578
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	15	$70,202,207	$73,591,622	$143,793,829
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	2	$22,945,908	$22,945,908	$45,891,816
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	1	$2,984,242	$2,984,242	$5,968,483
CA Dept of Transportation	9	$23,072,048	$22,840,700	$45,912,748
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	6	$18,664,705	$20,528,466	$39,193,171

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	20	$189,239,927	$189,239,927	$378,479,854
CA Franchise Tax Board	6	$92,510,397	$92,510,397	$185,020,794
CA Governor's Office of Emergency Services	5	$6,764,492	$6,764,492	$13,528,984
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	5	$31,126,211	$31,126,211	$62,252,421
CA Office of Tax Appeals	1	$15,677,165	$15,677,165	$31,354,330
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	2	$1,214,263	$1,214,263	$2,428,527
California Arts Council	1	$3,551,663	$3,551,663	$7,103,325
California Board of State and Community Corrections	1	$2,750,277	$2,750,277	$5,500,553
California Children and Families Commission	1	$3,989,743	$3,989,743	$7,979,485
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	3	$1,864,534	$932,267	$2,796,802
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	5	$4,972,253	$6,117,101	$11,089,354
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	1	$65,334,862	$65,334,862	$130,669,725
California Energy Commission	1	$9,354,520	$14,031,779	$23,386,299
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	2	$7,917,273	$7,917,273	$15,834,545
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	12	$15,832,781	$15,559,925	$31,392,706
California Horse Racing Board	1	$8,143,542	$8,143,542	$16,287,084
California Law Revision Commission	1	$1,421,468	$1,421,468	$2,842,936
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	2	$2,715,490	$1,832,101	$4,547,590
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	1	$8,131,455	$8,131,455	$16,262,910
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	3	$16,102,604	$16,102,604	$32,205,207
California State Board of Equalization	1	$9,527,449	$9,527,449	$19,054,898
California State Independent Living Council	1	$5,094,778	$5,094,778	$10,189,556

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	11	$14,643,547	$17,300,052	$31,943,599
California State Water Resources Control Board	1	$3,886,777	$5,830,165	$9,716,942
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	2	$14,530,365	$14,530,365	$29,060,730
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	1	$13,771,849	$13,771,849	$27,543,697
University of California	0	$0	$0	$0
Total	352	$1,845,598,009	$1,883,536,951	$3,729,134,960

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	2	$7,517,871	$7,517,871	$15,035,742
CA Air Resources Board	11	$38,104,246	$38,422,743	$76,526,989
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	1	$304,150	$152,075	$456,224
CA Dept of Alcoholic Beverage Control	4	$24,707,950	$24,707,950	$49,415,900
CA Dept of Cannabis Control	2	$11,575,598	$11,575,598	$23,151,196
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	1	$3,989,743	$3,989,743	$7,979,485
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	21	$195,532,058	$223,487,104	$419,019,162
CA Dept of Corrections and Rehabilitation	324	$332,095,504	$328,892,438	$660,987,941

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	8	$25,428,463	$25,428,463	$50,856,925
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	1	$4,572,721	$4,572,721	$9,145,441
CA Dept of Fish and Wildlife	382	$128,295,770	$127,680,238	$255,976,009
CA Dept of Food and Agriculture	30	$99,358,389	$102,384,187	$201,742,576
CA Dept of Forestry and Fire Protection	139	$107,587,513	$100,368,660	$207,956,173
CA Dept of General Services	20	$189,126,930	$197,036,115	$386,163,045
CA Dept of Health Care Access and Information	2	$17,050,084	$21,727,344	$38,777,427
CA Dept of Health Care Services	1	$5,306,574	$7,959,862	$13,266,436
CA Dept of Housing & Community Development	10	$577,472,798	$297,890,506	$875,363,304
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	10	$57,503,793	$55,423,383	$112,927,177
CA Dept of Insurance	2	$12,424,196	$13,597,285	$26,021,481
CA Dept of Justice	3	$17,674,756	$17,674,756	$35,349,512
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	45	$171,725,002	$160,089,315	$331,814,317
CA Dept of Parks and Recreation	669	$49,681,871	$47,161,687	$96,843,558
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	11	$62,232,571	$56,199,166	$118,431,736
CA Dept of Real Estate	1	$738,876	$738,876	$1,477,753
CA Dept of Rehabilitation	13	$38,634,289	$38,634,289	$77,268,578
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	15	$70,202,207	$73,591,622	$143,793,829
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	2	$22,945,908	$22,945,908	$45,891,816
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	1	$2,984,242	$2,984,242	$5,968,483
CA Dept of Transportation	351	$67,864,531	$73,447,146	$141,311,677
CA Dept of Veterans Affairs	9	$76,284,358	$75,386,516	$151,670,874
CA Dept of Water Resources	7	$18,664,705	$20,528,466	$39,193,171
CA Employment Development Department	26	$202,942,354	$202,522,070	$405,464,425
CA Franchise Tax Board	6	$92,510,397	$92,510,397	$185,020,794
CA Governor's Office of Emergency Services	5	$6,764,492	$6,764,492	$13,528,984
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	5	$31,126,211	$31,126,211	$62,252,421
CA Office of Tax Appeals	1	$15,677,165	$15,677,165	$31,354,330
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	2	$1,214,263	$1,214,263	$2,428,527
California Arts Council	1	$3,551,663	$3,551,663	$7,103,325
California Board of State and Community Corrections	1	$2,750,277	$2,750,277	$5,500,553
California Children and Families Commission	1	$3,989,743	$3,989,743	$7,979,485
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	3	$1,864,534	$932,267	$2,796,802

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	20	$8,385,036	$9,529,884	$17,914,921
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	1	$65,334,862	$65,334,862	$130,669,725
California Energy Commission	1	$9,354,520	$14,031,779	$23,386,299
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	2	$7,917,273	$7,917,273	$15,834,545
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	1	$1,208,407	$1,208,407	$2,416,814
California Highway Patrol	32	$37,558,610	$46,621,944	$84,180,554
California Horse Racing Board	1	$8,143,542	$8,143,542	$16,287,084
California Law Revision Commission	1	$1,421,468	$1,421,468	$2,842,936
California Lottery	4	$10,006,879	$10,006,879	$20,013,758
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	7	$2,715,490	$1,832,101	$4,547,590
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	1	$8,131,455	$8,131,455	$16,262,910
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	3	$16,102,604	$16,102,604	$32,205,207
California State Board of Equalization	1	$9,527,449	$9,527,449	$19,054,898
California State Independent Living Council	1	$5,094,778	$5,094,778	$10,189,556
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	158	$341,999,336	$397,201,882	$739,201,218
California State Water Resources Control Board	1	$3,886,777	$5,830,165	$9,716,942
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	393	$587,309,770	$583,561,313	$1,170,871,083
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	19	$69,108,205	$63,213,306	$132,321,512
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	6	$57,781	$28,891	$86,672
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	1	$13,771,849	$13,771,849	$27,543,697
University of California	0	$0	$0	$0
Total	2803	$4,007,014,854	$3,811,746,651	$7,818,761,505

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	0	$0	$0	$0
Alpine	0	0	$0	$0	$0
Amador	7	5817	$0	$0	$0
Butte	69	69431	$4,323,169	$4,544,492	$8,867,661
Calaveras	0	0	$0	$0	$0
Colusa	40	122602	$3,132,478	$3,132,478	$6,264,955
Contra Costa	40	171281	$12,789,203	$12,789,203	$25,578,405
Del Norte	0	0	$0	$0	$0
El Dorado	5	4730	$6,111,651	$6,111,651	$12,223,303
Fresno	240	3741337	$248,892,018	$228,705,733	$477,597,751
Glenn	6	6762	$6,266,599	$9,399,899	$15,666,499
Humboldt	134	194922	$14,358,705	$13,753,663	$28,112,368
Imperial	26	8342	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	33	116837	$11,610,994	$7,324,466	$18,935,461
Kings	126	1679660	$0	$0	$0
Lake	62	128587	$7,012,958	$6,925,165	$13,938,123
Lassen	27	81470	$0	$0	$0
Los Angeles	41	726978	$28,157,207	$26,720,106	$54,877,312
Madera	64	851623	$60,610,454	$60,512,156	$121,122,610
Marin	7	22230	$5,188,853	$6,336,570	$11,525,423
Mariposa	0	0	$0	$0	$0
Mendocino	116	76597	$4,895,305	$4,398,197	$9,293,502
Merced	42	133547	$42,238,733	$33,752,239	$75,990,972
Modoc	1	7800	$1,359,664	$679,832	$2,039,496
Mono	0	0	$0	$0	$0
Monterey	53	109941	$15,299,405	$14,145,345	$29,444,750
Napa	22	158644	$6,247,011	$6,208,891	$12,455,902
Nevada	0	0	$0	$0	$0

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	52	1249803	$73,013,075	$81,648,540	$154,661,615
Placer	0	0	$0	$0	$0
Plumas	1	3080	$0	$0	$0
Riverside	18	93459	$30,184,851	$20,214,207	$50,399,058
Sacramento	50	1620072	$126,321,552	$127,403,862	$253,725,414
San Benito	0	0	$0	$0	$0
San Bernardino	12	92127	$8,200,043	$8,200,043	$16,400,085
San Diego	230	932027	$417,590,442	$414,541,880	$832,132,322
San Francisco	19	67233	$304,556	$152,278	$456,834
San Joaquin	151	1399287	$114,581,805	$115,407,663	$229,989,469
San Luis Obispo	101	544495	$22,809,780	$25,605,267	$48,415,047
San Mateo	8	34431	$8,773,132	$12,127,569	$20,900,701
Santa Barbara	31	45278	$4,546,454	$6,819,680	$11,366,134
Santa Clara	48	280733	$531,969,758	$281,331,216	$813,300,974
Santa Cruz	45	139545	$11,076,358	$7,657,836	$18,734,194
Shasta	25	62825	$134,656	$67,328	$201,984
Sierra	8	13234	$1,505,601	$1,505,601	$3,011,201
Siskiyou	90	307819	$11,993,343	$12,613,393	$24,606,736
Solano	37	98429	$20,580,491	$11,681,608	$32,262,098
Sonoma	7	4335	$0	$0	$0
Stanislaus	3	40436	$3,250,789	$3,250,789	$6,501,577
Sutter	3	67490	$998,330	$998,330	$1,996,659
Tehama	69	242921	$631,415	$572,818	$1,204,233
Trinity	11	12076	$414,589	$414,589	$829,179
Tulare	116	80623	$4,334,225	$4,334,225	$8,668,449
Tuolumne	0	0	$0	$0	$0
Ventura	140	1377195	$271,187,066	$332,411,817	$603,598,883
Yolo	15	162328	$18,520,128	$13,809,078	$32,329,206
Yuba	0	0	$0	$0	$0

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	2451	17390419	$2,161,416,844	$1,928,209,700	$4,089,626,545

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	9	$96,065,243	$95,959,619	$192,024,863
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	5	$5,820,314	$6,333,868	$12,154,182
Calaveras	0	$0	$0	$0
Colusa	2	$10,426,446	$10,426,446	$20,852,893
Contra Costa	4	$8,160,034	$8,160,034	$16,320,068
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	25	$182,223,722	$185,132,706	$367,356,428
Glenn	1	$1,610,028	$1,610,028	$3,220,056
Humboldt	8	$10,347,088	$12,064,359	$22,411,447
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	3	$3,253,532	$2,683,252	$5,936,784
Kings	0	$0	$0	$0
Lake	3	$25,147,531	$13,880,096	$39,027,627
Lassen	2	$15,413,410	$15,413,410	$30,826,821
Los Angeles	16	$140,301,435	$140,458,293	$280,759,728
Madera	0	$0	$0	$0
Marin	4	$8,646,013	$8,646,013	$17,292,025
Mariposa	0	$0	$0	$0
Mendocino	3	$6,793,483	$6,793,483	$13,586,967

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	1	$1,022,148	$1,022,148	$2,044,296
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	13	$22,845,668	$20,245,289	$43,090,957
Napa	1	$6,432,335	$6,432,335	$12,864,669
Nevada	0	$0	$0	$0
Orange	17	$85,512,063	$85,341,263	$170,853,326
Placer	0	$0	$0	$0
Plumas	2	$6,907,929	$6,907,929	$13,815,859
Riverside	3	$4,271,619	$4,271,619	$8,543,239
Sacramento	125	$973,372,476	$1,018,208,683	$1,991,581,159
San Benito	0	$0	$0	$0
San Bernardino	1	$179,493	$179,493	$358,985
San Diego	10	$14,558,629	$14,401,514	$28,960,143
San Francisco	0	$0	$0	$0
San Joaquin	14	$40,653,806	$41,636,676	$82,290,482
San Luis Obispo	8	$6,522,555	$6,408,187	$12,930,742
San Mateo	4	$30,725,968	$30,725,968	$61,451,937
Santa Barbara	4	$5,166,012	$5,166,012	$10,332,024
Santa Clara	20	$64,222,390	$68,846,784	$133,069,174
Santa Cruz	2	$1,773,589	$886,794	$2,660,383
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	4	$2,356,248	$2,536,079	$4,892,327
Solano	3	$3,932,881	$3,049,491	$6,982,372
Sonoma	5	$6,240,260	$6,031,323	$12,271,583
Stanislaus	0	$0	$0	$0
Sutter	1	$1,784,561	$1,784,561	$3,569,122
Tehama	5	$3,828,958	$3,723,687	$7,552,645

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	1	$0	$0	$0
Tulare	12	$31,291,600	$31,291,600	$62,583,199
Tuolumne	0	$0	$0	$0
Ventura	9	$17,589,202	$16,778,237	$34,367,439
Yolo	1	$199,341	$99,671	$299,012
Yuba	1	$0	$0	$0
Total	352	$1,845,598,009	$1,883,536,951	$3,729,134,960

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	9	$96,065,243	$95,959,619	$192,024,863
Alpine	0	$0	$0	$0
Amador	7	$0	$0	$0
Butte	74	$10,143,483	$10,878,360	$21,021,843
Calaveras	0	$0	$0	$0
Colusa	42	$13,558,924	$13,558,924	$27,117,848
Contra Costa	44	$20,949,237	$20,949,237	$41,898,473
Del Norte	0	$0	$0	$0
El Dorado	5	$6,111,651	$6,111,651	$12,223,303
Fresno	265	$431,115,740	$413,838,439	$844,954,178
Glenn	7	$7,876,628	$11,009,927	$18,886,555
Humboldt	142	$24,705,793	$25,818,022	$50,523,815
Imperial	26	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	36	$14,864,527	$10,007,718	$24,872,245
Kings	126	$0	$0	$0
Lake	65	$32,160,489	$20,805,261	$52,965,750

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	29	$15,413,410	$15,413,410	$30,826,821
Los Angeles	57	$168,458,642	$167,178,398	$335,637,040
Madera	64	$60,610,454	$60,512,156	$121,122,610
Marin	11	$13,834,866	$14,982,582	$28,817,448
Mariposa	0	$0	$0	$0
Mendocino	119	$11,688,789	$11,191,680	$22,880,469
Merced	43	$43,260,881	$34,774,387	$78,035,268
Modoc	1	$1,359,664	$679,832	$2,039,496
Mono	0	$0	$0	$0
Monterey	66	$38,145,073	$34,390,634	$72,535,707
Napa	23	$12,679,345	$12,641,226	$25,320,571
Nevada	0	$0	$0	$0
Orange	69	$158,525,138	$166,989,803	$325,514,941
Placer	0	$0	$0	$0
Plumas	3	$6,907,929	$6,907,929	$13,815,859
Riverside	21	$34,456,470	$24,485,826	$58,942,296
Sacramento	175	$1,099,694,027	$1,145,612,545	$2,245,306,572
San Benito	0	$0	$0	$0
San Bernardino	13	$8,379,535	$8,379,535	$16,759,071
San Diego	240	$432,149,071	$428,943,393	$861,092,465
San Francisco	19	$304,556	$152,278	$456,834
San Joaquin	165	$155,235,612	$157,044,339	$312,279,951
San Luis Obispo	109	$29,332,334	$32,013,455	$61,345,789
San Mateo	12	$39,499,100	$42,853,537	$82,352,637
Santa Barbara	35	$9,712,466	$11,985,692	$21,698,158
Santa Clara	68	$596,192,148	$350,178,000	$946,370,148
Santa Cruz	47	$12,849,947	$8,544,630	$21,394,577
Shasta	25	$134,656	$67,328	$201,984
Sierra	8	$1,505,601	$1,505,601	$3,011,201

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	94	$14,349,591	$15,149,472	$29,499,063
Solano	40	$24,513,371	$14,731,099	$39,244,470
Sonoma	12	$6,240,260	$6,031,323	$12,271,583
Stanislaus	3	$3,250,789	$3,250,789	$6,501,577
Sutter	4	$2,782,891	$2,782,891	$5,565,782
Tehama	74	$4,460,373	$4,296,505	$8,756,877
Trinity	12	$414,589	$414,589	$829,179
Tulare	128	$35,625,824	$35,625,824	$71,251,648
Tuolumne	0	$0	$0	$0
Ventura	149	$288,776,268	$349,190,054	$637,966,322
Yolo	16	$18,719,469	$13,908,749	$32,628,218
Yuba	1	$0	$0	$0
Total	2803	$4,007,014,854	$3,811,746,651	$7,818,761,505

Risk Analysis Results – 500-Year Riverine Flood – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	308	3720744	$141,535,881	$134,076,508	$275,612,389
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	9	512233	$569,777,234	$290,194,941	$859,972,175
Special School	0	0	$0	$0	$0
Other Facility	2134	13157442	$1,450,103,729	$1,503,938,251	$2,954,041,981
Total	2451	17390419	$2,161,416,844	$1,928,209,700	$4,089,626,545

Risk Analysis Results – 500-Year Riverine Flood – State Highways by County

County	Miles of Highway
Alameda	46.3
Alpine	0.0
Amador	6.1
Butte	74.6
Calaveras	7.3
Colusa	117.3
Contra Costa	11.5
Del Norte	17.1
El Dorado	4.0
Fresno	156.9
Glenn	79.2
Humboldt	110.3
Imperial	47.4
Inyo	75.2
Kern	256.4
Kings	73.7
Lake	15.5
Lassen	86.8
Los Angeles	74.1
Madera	20.3
Marin	31.7
Mariposa	16.0
Mendocino	76.8
Merced	145.9
Modoc	19.7
Mono	40.9
Monterey	98.7
Napa	24.1
Nevada	3.9
Orange	130.1

Risk Analysis Results – 500-Year Riverine Flood – State Highways by County

County	Miles of Highway
Placer	9.5
Plumas	21.7
Riverside	97.2
Sacramento	206.1
San Benito	12.7
San Bernardino	101.6
San Diego	73.5
San Francisco	1.0
San Joaquin	162.4
San Luis Obispo	81.7
San Mateo	51.5
Santa Barbara	54.4
Santa Clara	175.9
Santa Cruz	20.1
Shasta	27.2
Sierra	11.4
Siskiyou	78.4
Solano	88.1
Sonoma	38.1
Stanislaus	40.5
Sutter	80.7
Tehama	22.9
Trinity	18.4
Tulare	195.2
Tuolumne	1.5
Ventura	84.9
Yolo	140.6
Yuba	36.0
Total	3,801.2

Risk Analysis Results – 500-Year Riverine Flood – State Water Project by Branch

County	Number of State-Owned Dams
California Aqueduct	41.6
Coastal Branch	8.2
East Branch	14.6
East Branch Extension	7.4
North Bay Aqueduct	7.1
Oroville	3.5
South Bay Aqueduct	1.3
West Branch	2.0
Total	85.7

Risk Analysis Results for Coastal Flooding

Risk Analysis Results – 100-Year Coastal Flood – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	14	83,922	0.0%
Alpine	0	50,861	0.0%
Amador	0	97,686	0.0%
Butte	0	88,320	0.0%
Calaveras	0	124,320	0.0%
Colusa	0	39,975	0.0%
Contra Costa	289	28,731	1.0%
Del Norte	172	10,802	1.6%
El Dorado	0	184,442	0.0%
Fresno	0	51,792	0.0%
Glenn	0	2,085	0.0%
Humboldt	1,430	78,482	1.8%
Imperial	0	710,020	0.0%
Inyo	0	246,441	0.0%
Kern	0	1,014,386	0.0%
Kings	0	8,907	0.0%
Lake	0	82,544	0.0%
Lassen	0	180,689	0.0%
Los Angeles	550	911,564	0.1%
Madera	0	41,190	0.0%
Marin	313	24,696	1.3%
Mariposa	0	228,533	0.0%
Mendocino	697	855,474	0.1%
Merced	0	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	0	130,547	0.0%
Monterey	74	92,667	0.1%
Napa	0	169,772	0.0%
Nevada	0	146,358	0.0%

Risk Analysis Results – 100-Year Coastal Flood – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	48	151,777	0.0%
Placer	0	122,653	0.0%
Plumas	0	60,257	0.0%
Riverside	0	1,065,179	0.0%
Sacramento	0	75,501	0.0%
San Benito	0	8,877	0.0%
San Bernardino	0	1,734,287	0.0%
San Diego	227	522,630	0.0%
San Francisco	300	4,245	7.1%
San Joaquin	0	28,214	0.0%
San Luis Obispo	290	733,458	0.0%
San Mateo	620	32,801	1.9%
Santa Barbara	112	28,657	0.4%
Santa Clara	274	43,054	0.6%
Santa Cruz	130	40,770	0.3%
Shasta	0	381,315	0.0%
Sierra	0	35,361	0.0%
Siskiyou	0	508,754	0.0%
Solano	18	55,831	0.0%
Sonoma	171	57,738	0.3%
Stanislaus	0	14,179	0.0%
Sutter	0	2,369	0.0%
Tehama	0	84,053	0.0%
Trinity	0	116,464	0.0%
Tulare	0	6,847	0.0%
Tuolumne	0	70,255	0.0%
Ventura	43	31,804	0.1%
Yolo	0	40,856	0.0%
Yuba	0	30,685	0.0%

Risk Analysis Results – 100-Year Coastal Flood – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	5,773	11,788,962	0.0%

Risk Analysis Results – 100-Year Coastal Flood – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	0	0	0	0	0	0	0
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	0	0	0	0	0	0	0
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	0	0	0	0	0	0	0
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	1	1
Imperial	0	0	0	0	0	0	0	0
Inyo	0	0	0	0	0	0	0	0
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	0	0	0	0	0	0	0	0
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	0	0	0	0
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – 100-Year Coastal Flood – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	0	0	0	0	0	0
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	0	0	0	0	0	0
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0	0	0
San Diego	0	0	0	0	0	0	1	1
San Francisco	0	0	0	0	0	0	1	1
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	0	0	0	0	0	0	0	0
San Mateo	0	0	0	0	0	0	1	1
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	0	0	0	0	0	0	0	0
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	0	0
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	0	0	0	0	0	0	0
Yolo	0	0	0	0	0	0	0	0

Risk Analysis Results – 100-Year Coastal Flood – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	4	4

Risk Analysis Results – 100-Year Coastal Flood – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	-	-	-	-	-	-
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	-	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	$100.0 Million to $500.0 Million
Imperial	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-
Kern	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	-	-	-	-	-	-	-
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-

Risk Analysis Results – 100-Year Coastal Flood – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Orange	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	-	-	-	-	-	-
Sacramento	-	-	-	-	-	-	-
San Benito	-	-	-	-	-	-	-
San Bernardino	-	-	-	-	-	-	-
San Diego	-	-	-	-	-	-	$100.0 Million to $500.0 Million
San Francisco	-	-	-	-	-	-	$1.0 Billion to Greater Than $1.0 Billion
San Joaquin	-	-	-	-	-	-	-
San Luis Obispo	-	-	-	-	-	-	-
San Mateo	-	-	-	-	-	-	$1.0 Billion to Greater Than $1.0 Billion
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	-	-	-	-	-	-	-
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	-	-	-	-	-	-
Yolo	-	-	-	-	-	-	-

Risk Analysis Results – 100-Year Coastal Flood – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – 100-Year Coastal Flood – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	0	556	0.0%
Alpine	0	0	0.0%
Amador	0	0	0.0%
Butte	0	0	0.0%
Calaveras	0	0	0.0%
Colusa	0	0	0.0%
Contra Costa	0	226	0.0%
Del Norte	45	65	69.7%
El Dorado	0	0	0.0%
Fresno	0	0	0.0%
Glenn	0	0	0.0%
Humboldt	0	60	0.0%
Imperial	0	0	0.0%
Inyo	0	0	0.0%
Kern	0	0	0.0%
Kings	0	0	0.0%
Lake	0	0	0.0%
Lassen	0	0	0.0%
Los Angeles	0	700	0.0%
Madera	0	0	0.0%
Marin	0	516	0.0%
Mariposa	0	0	0.0%
Mendocino	47	128	36.4%
Merced	0	0	0.0%
Modoc	0	0	0.0%
Mono	0	0	0.0%
Monterey	5	51	9.2%
Napa	0	0	0.0%
Nevada	0	0	0.0%
Orange	0	731	0.0%

Risk Analysis Results – 100-Year Coastal Flood – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	0	0.0%
Plumas	0	0	0.0%
Riverside	0	0	0.0%
Sacramento	0	0	0.0%
San Benito	0	0	0.0%
San Bernardino	0	0	0.0%
San Diego	0	1,808	0.0%
San Francisco	0	184	0.0%
San Joaquin	0	0	0.0%
San Luis Obispo	0	75	0.0%
San Mateo	0	273	0.0%
Santa Barbara	129	1,012	12.7%
Santa Clara	0	0	0.0%
Santa Cruz	0	591	0.0%
Shasta	0	0	0.0%
Sierra	0	0	0.0%
Siskiyou	0	0	0.0%
Solano	0	234	0.0%
Sonoma	0	135	0.0%
Stanislaus	0	0	0.0%
Sutter	0	0	0.0%
Tehama	0	0	0.0%
Trinity	0	0	0.0%
Tulare	0	0	0.0%
Tuolumne	0	0	0.0%
Ventura	0	215	0.0%
Yolo	0	0	0.0%
Yuba	0	0	0.0%
Total	226	7,559	3.0%

Risk Analysis Results – 100-Year Coastal Flood – State Bridges by County

County	# of Bridges
Alameda	4
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	1
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	0
Madera	0
Marin	0
Mariposa	0
Mendocino	1
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	1

Risk Analysis Results – 100-Year Coastal Flood – State Bridges by County

County	# of Bridges
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	1
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	1
Sonoma	1
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	10

Risk Analysis Results – 100-Year Coastal Flood – State Dams by County

County	Number of State-Owned Dams
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	0
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – 100-Year Coastal Flood – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	0	$0	$0	$0
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	0	0	$0	$0	$0
CA Dept of Food and Agriculture	0	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	0	0	$0	$0	$0
CA Dept of General Services	0	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	0	0	$0	$0	$0
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	0	0	$0	$0	$0
CA Dept of Parks and Recreation	76	60175	$4,435,116	$3,307,192	$7,742,308
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	0	0	$0	$0	$0
CA Dept of Veterans Affairs	0	0	$0	$0	$0
CA Dept of Water Resources	0	0	$0	$0	$0
CA Employment Development Department	0	0	$0	$0	$0
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	0	0	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	0	0	$0	$0	$0
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	0	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	0	0	$0	$0	$0
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	0	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	0	$0	$0	$0
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	76	60175	$4,435,116	$3,307,192	$7,742,308

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	3	$5,197,377	$5,643,456	$10,840,833
CA Dept of Food and Agriculture	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	0	$0	$0	$0
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	0	$0	$0	$0
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	0	$0	$0	$0
CA Dept of Parks and Recreation	1	$222,862	$222,862	$445,725
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	0	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	0	$0	$0	$0
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	0	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	1	$259,850	$259,850	$519,700
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	5	$5,680,089	$6,126,168	$11,806,257

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	3	$5,197,377	$5,643,456	$10,840,833
CA Dept of Food and Agriculture	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	0	$0	$0	$0
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	0	$0	$0	$0
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	0	$0	$0	$0
CA Dept of Parks and Recreation	77	$4,657,978	$3,530,054	$8,188,033
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	0	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0
CA Employment Development Department	0	$0	$0	$0
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	0	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	1	$259,850	$259,850	$519,700
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	81	$10,115,205	$9,433,360	$19,548,565

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	0	$0	$0	$0
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	0	0	$0	$0	$0
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	0	0	$0	$0	$0
Del Norte	0	0	$0	$0	$0
El Dorado	0	0	$0	$0	$0
Fresno	0	0	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	0	0	$0	$0	$0
Imperial	0	0	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	0	0	$0	$0	$0
Lassen	0	0	$0	$0	$0
Los Angeles	1	2310	$315,546	$157,773	$473,319
Madera	0	0	$0	$0	$0
Marin	0	0	$0	$0	$0
Mariposa	0	0	$0	$0	$0
Mendocino	15	2232	$284,597	$284,597	$569,195
Merced	0	0	$0	$0	$0
Modoc	0	0	$0	$0	$0
Mono	0	0	$0	$0	$0
Monterey	0	0	$0	$0	$0
Napa	0	0	$0	$0	$0
Nevada	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	23	34016	$1,741,970	$870,985	$2,612,955
Placer	0	0	$0	$0	$0
Plumas	0	0	$0	$0	$0
Riverside	0	0	$0	$0	$0
Sacramento	0	0	$0	$0	$0
San Benito	0	0	$0	$0	$0
San Bernardino	0	0	$0	$0	$0
San Diego	33	20720	$2,093,003	$1,993,837	$4,086,840
San Francisco	0	0	$0	$0	$0
San Joaquin	0	0	$0	$0	$0
San Luis Obispo	0	0	$0	$0	$0
San Mateo	1	36	$0	$0	$0
Santa Barbara	0	0	$0	$0	$0
Santa Clara	0	0	$0	$0	$0
Santa Cruz	0	0	$0	$0	$0
Shasta	0	0	$0	$0	$0
Sierra	0	0	$0	$0	$0
Siskiyou	0	0	$0	$0	$0
Solano	0	0	$0	$0	$0
Sonoma	0	0	$0	$0	$0
Stanislaus	0	0	$0	$0	$0
Sutter	0	0	$0	$0	$0
Tehama	0	0	$0	$0	$0
Trinity	0	0	$0	$0	$0
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	3	861	$0	$0	$0
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	76	60175	$4,435,116	$3,307,192	$7,742,308

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	1	$892,157	$1,338,235	$2,230,392
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	0	$0	$0	$0
Madera	0	$0	$0	$0
Marin	1	$222,862	$222,862	$445,725
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	1	$586,271	$586,271	$1,172,542
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	1	$259,850	$259,850	$519,700
San Mateo	1	$3,718,950	$3,718,950	$7,437,899
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	0	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	5	$5,680,089	$6,126,168	$11,806,257

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	1	$892,157	$1,338,235	$2,230,392
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	1	$315,546	$157,773	$473,319
Madera	0	$0	$0	$0
Marin	1	$222,862	$222,862	$445,725
Mariposa	0	$0	$0	$0
Mendocino	15	$284,597	$284,597	$569,195
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	1	$586,271	$586,271	$1,172,542
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	23	$1,741,970	$870,985	$2,612,955
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	33	$2,093,003	$1,993,837	$4,086,840
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	1	$259,850	$259,850	$519,700
San Mateo	2	$3,718,950	$3,718,950	$7,437,899
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	3	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	81	$10,115,205	$9,433,360	$19,548,565

Risk Analysis Results – 100-Year Coastal Flood – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	Correctional Facility	0	0	$0	$0
Development Center	Development Center	0	0	$0	$0
Hospital	Hospital	0	0	$0	$0
Migrant Center	Migrant Center	0	0	$0	$0
Special School	Special School	0	0	$0	$0
Other Facility	Other Facility	76	60175	$4,435,116	$3,307,192
Total	Total	76	60175	$4,435,116	$3,307,192

Risk Analysis Results – 100-Year Coastal Flood – State Highways by County

County	Miles of Highway
Alameda	2.8
Alpine	0.0
Amador	0.0
Butte	0.0
Calaveras	0.0
Colusa	0.0
Contra Costa	1.1
Del Norte	0.8
El Dorado	0.0
Fresno	0.0
Glenn	0.0
Humboldt	1.9
Imperial	0.0
Inyo	0.0
Kern	0.0
Kings	0.0
Lake	0.0
Lassen	0.0
Los Angeles	0.1
Madera	0.0
Marin	0.1
Mariposa	0.0
Mendocino	0.6
Merced	0.0
Modoc	0.0
Mono	0.0
Monterey	0.1
Napa	0.0
Nevada	0.0
Orange	3.3

Risk Analysis Results – 100-Year Coastal Flood – State Highways by County

County	Miles of Highway
Placer	0.0
Plumas	0.0
Riverside	0.0
Sacramento	0.0
San Benito	0.0
San Bernardino	0.0
San Diego	0.4
San Francisco	1.8
San Joaquin	0.0
San Luis Obispo	0.5
San Mateo	2.0
Santa Barbara	0.0
Santa Clara	0.0
Santa Cruz	0.1
Shasta	0.0
Sierra	0.0
Siskiyou	0.0
Solano	0.4
Sonoma	0.6
Stanislaus	0.0
Sutter	0.0
Tehama	0.0
Trinity	0.0
Tulare	0.0
Tuolumne	0.0
Ventura	3.2
Yolo	0.0
Yuba	0.0
Total	19.8

Risk Analysis Results – 100-Year Coastal Flood – State Water Project by Branch

County	Number of State-Owned Dams
California Aqueduct	0.0
Coastal Branch	0.0
East Branch	0.0
East Branch Extension	0.0
North Bay Aqueduct	0.0
Oroville	0.0
South Bay Aqueduct	0.0
West Branch	0.0
Total	0.0

Risk Analysis Results for 100-cm Sea Level Rise

Risk Analysis Results – Sea Level Rise of 100cm – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	770	83,922	0.9%
Alpine	0	50,861	0.0%
Amador	0	97,686	0.0%
Butte	0	88,320	0.0%
Calaveras	0	124,320	0.0%
Colusa	0	39,975	0.0%
Contra Costa	1,737	28,731	6.0%
Del Norte	0	10,802	0.0%
El Dorado	0	184,442	0.0%
Fresno	0	51,792	0.0%
Glenn	0	2,085	0.0%
Humboldt	0	78,482	0.0%
Imperial	0	710,020	0.0%
Inyo	0	246,441	0.0%
Kern	0	1,014,386	0.0%
Kings	0	8,907	0.0%
Lake	0	82,544	0.0%
Lassen	0	180,689	0.0%
Los Angeles	2,473	911,564	0.3%
Madera	0	41,190	0.0%
Marin	2,762	24,696	11.2%
Mariposa	0	228,533	0.0%
Mendocino	0	855,474	0.0%
Merced	0	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	0	130,547	0.0%
Monterey	215	92,667	0.2%
Napa	171	169,772	0.1%
Nevada	0	146,358	0.0%

Risk Analysis Results – Sea Level Rise of 100cm – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	278	151,777	0.2%
Placer	0	122,653	0.0%
Plumas	0	60,257	0.0%
Riverside	0	1,065,179	0.0%
Sacramento	0	75,501	0.0%
San Benito	0	8,877	0.0%
San Bernardino	0	1,734,287	0.0%
San Diego	1,749	522,630	0.3%
San Francisco	470	4,245	11.1%
San Joaquin	0	28,214	0.0%
San Luis Obispo	275	733,458	0.0%
San Mateo	3,141	32,801	9.6%
Santa Barbara	324	28,657	1.1%
Santa Clara	656	43,054	1.5%
Santa Cruz	65	40,770	0.2%
Shasta	0	381,315	0.0%
Sierra	0	35,361	0.0%
Siskiyou	0	508,754	0.0%
Solano	96	55,831	0.2%
Sonoma	727	57,738	1.3%
Stanislaus	0	14,179	0.0%
Sutter	0	2,369	0.0%
Tehama	0	84,053	0.0%
Trinity	0	116,464	0.0%
Tulare	0	6,847	0.0%
Tuolumne	0	70,255	0.0%
Ventura	39	31,804	0.1%
Yolo	0	40,856	0.0%
Yuba	0	30,685	0.0%

Risk Analysis Results – Sea Level Rise of 100cm – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	15,950	11,788,962	0.1%

Risk Analysis Results – Sea Level Rise of 100cm – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	0	12	0	0	0	6	18
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	0	0	0	0	0	6	6
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	0	0	0	0	0	0	0
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	0	0
Imperial	0	0	0	0	0	0	0	0
Inyo	0	0	0	0	0	0	0	0
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	0	2	0	0	0	0	0	2
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	6	0	6	12
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Sea Level Rise of 100cm – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	0	0	0	0	0	0
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	0	0	0	0	0	0
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0	0	0
San Diego	0	0	0	0	0	0	3	3
San Francisco	0	0	0	0	0	0	18	18
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	0	0	0	0	0	0	0	0
San Mateo	0	0	6	0	0	0	24	30
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	6	0	6	0	0	0	0	12
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	0	0
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	12	12
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	0	0	0	0	0	0	0
Yolo	0	0	0	0	0	0	0	0

Risk Analysis Results – Sea Level Rise of 100cm – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	6	2	24	0	6	0	75	113

Risk Analysis Results – Sea Level Rise of 100cm – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	-	$6.1 Billion to Greater Than $6.6 Billion	-	-	-	$6.0 Billion to Greater Than $6.0 Billion
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	-	-	-	-	-	$6.0 Billion to Greater Than $6.0 Billion
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-
Imperial	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-
Kern	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	-	$2.0 Billion to Greater Than $2.0 Billion	-	-	-	-	-
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	$60.0 Million to $600.0 Million	-	$6.0 Billion to Greater Than $6.0 Billion
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-

Risk Analysis Results – Sea Level Rise of 100cm – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	-	-	-	-	-	-
Sacramento	-	-	-	-	-	-	-
San Benito	-	-	-	-	-	-	-
San Bernardino	-	-	-	-	-	-	-
San Diego	-	-	-	-	-	-	$610.0 Million to $1.6 Billion
San Francisco	-	-	-	-	-	-	$12.6 Billion to Greater Than $15.0 Billion
San Joaquin	-	-	-	-	-	-	-
San Luis Obispo	-	-	-	-	-	-	-
San Mateo	-	-	$3.0 Billion to $6.0 Billion	-	-	-	$13.2 Billion to Greater Than $18.0 Billion
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	$3.0 Billion to $6.0 Billion	-	$60.0 Million to $600.0 Million	-	-	-	-
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	$6.6 Billion to Greater Than $9.0 Billion
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-

Risk Analysis Results – Sea Level Rise of 100cm – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Tehama	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	-	-	-	-	-	-
Yolo	-	-	-	-	-	-	-
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – Sea Level Rise of 100cm – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	215	8,228	2.6%
Alpine	0	0	0.0%
Amador	0	0	0.0%
Butte	0	0	0.0%
Calaveras	0	0	0.0%
Colusa	0	0	0.0%
Contra Costa	33	593	5.5%
Del Norte	0	0	0.0%
El Dorado	0	0	0.0%
Fresno	0	0	0.0%
Glenn	0	0	0.0%
Humboldt	0	0	0.0%
Imperial	0	0	0.0%
Inyo	0	0	0.0%
Kern	0	0	0.0%
Kings	0	0	0.0%
Lake	0	0	0.0%
Lassen	0	0	0.0%
Los Angeles	66	15,067	0.4%
Madera	0	0	0.0%
Marin	11,842	20,769	57.0%
Mariposa	0	0	0.0%
Mendocino	0	0	0.0%
Merced	0	0	0.0%
Modoc	0	0	0.0%
Mono	0	0	0.0%
Monterey	534	690	77.4%
Napa	16	87	18.4%
Nevada	0	0	0.0%
Orange	0	18,514	0.0%

Risk Analysis Results – Sea Level Rise of 100cm – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	0	0.0%
Plumas	0	0	0.0%
Riverside	0	0	0.0%
Sacramento	0	0	0.0%
San Benito	0	0	0.0%
San Bernardino	0	0	0.0%
San Diego	999	7,348	13.6%
San Francisco	0	1,478	0.0%
San Joaquin	0	0	0.0%
San Luis Obispo	0	132	0.0%
San Mateo	2,352	99,464	2.4%
Santa Barbara	58	2,118	2.7%
Santa Clara	0	10,565	0.0%
Santa Cruz	0	237	0.0%
Shasta	0	0	0.0%
Sierra	0	0	0.0%
Siskiyou	0	0	0.0%
Solano	0	1,103	0.0%
Sonoma	0	1,107	0.0%
Stanislaus	0	0	0.0%
Sutter	0	0	0.0%
Tehama	0	0	0.0%
Trinity	0	0	0.0%
Tulare	0	0	0.0%
Tuolumne	0	0	0.0%
Ventura	0	2,147	0.0%
Yolo	0	0	0.0%
Yuba	0	0	0.0%
Total	16,114	189,647	8.5%

Risk Analysis Results – Sea Level Rise of 100cm – State Bridges by County

County	# of Bridges
Alameda	2
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	2
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	3
Madera	0
Marin	10
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	2

Risk Analysis Results – Sea Level Rise of 100cm – State Bridges by County

County	# of Bridges
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	5
San Francisco	0
San Joaquin	0
San Luis Obispo	3
San Mateo	14
Santa Barbara	0
Santa Clara	1
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	2
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	2
Yolo	0
Yuba	0
Total	46

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	0	$0	$0	$0
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	55	69,573	$2,385,613	$1,311,467	$3,697,079
CA Dept of Food and Agriculture	0	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	0	0	$0	$0	$0
CA Dept of General Services	0	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	0	0	$0	$0	$0
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	2	20,652	$4,145,189	$5,185,655	$9,330,844
CA Dept of Parks and Recreation	27	32,529	$0	$0	$0
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	13	24,417	$5,121,356	$6,172,542	$11,293,898
CA Dept of Veterans Affairs	0	0	$0	$0	$0
CA Dept of Water Resources	0	0	$0	$0	$0
CA Employment Development Department	0	0	$0	$0	$0
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	0	0	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	2	12,571	$4,821,003	$7,231,504	$12,052,507
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	0	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	0	0	$0	$0	$0
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	0	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	0	$0	$0	$0
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	99	159,742	$16,473,161	$19,901,168	$36,374,329

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	1	$15,198,612	$15,198,612	$30,397,225
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	8	$10,877,116	$10,485,589	$21,362,705
CA Dept of Food and Agriculture	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	0	$0	$0	$0
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	1	$8,500,950	$8,500,950	$17,001,900
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	0	$0	$0	$0
CA Dept of Parks and Recreation	1	$222,862	$222,862	$445,725
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	1	$8,500,950	$8,500,950	$17,001,900
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	0	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	1	$8,500,950	$8,500,950	$17,001,900
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	0	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	3	$3,282,883	$2,997,326	$6,280,209
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	16	$55,084,323	$54,407,239	$109,491,562

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	1	$15,198,612	$15,198,612	$30,397,225
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	63	$13,262,729	$11,797,056	$25,059,785
CA Dept of Food and Agriculture	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	0	$0	$0	$0
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	1	$8,500,950	$8,500,950	$17,001,900
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	2	$4,145,189	$5,185,655	$9,330,844
CA Dept of Parks and Recreation	28	$222,862	$222,862	$445,725
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	1	$8,500,950	$8,500,950	$17,001,900
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	13	$5,121,356	$6,172,542	$11,293,898
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0
CA Employment Development Department	1	$8,500,950	$8,500,950	$17,001,900
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	2	$4,821,003	$7,231,504	$12,052,507
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	3	$3,282,883	$2,997,326	$6,280,209
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	115	$71,557,484	$74,308,407	$145,865,891

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	0	$0	$0	$0
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	0	0	$0	$0	$0
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	0	0	$0	$0	$0
Del Norte	0	0	$0	$0	$0
El Dorado	0	0	$0	$0	$0
Fresno	0	0	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	0	0	$0	$0	$0
Imperial	0	0	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	0	0	$0	$0	$0
Lassen	0	0	$0	$0	$0
Los Angeles	0	0	$0	$0	$0
Madera	0	0	$0	$0	$0
Marin	4	12,428	$2,295,432	$3,443,149	$5,738,581
Mariposa	0	0	$0	$0	$0
Mendocino	0	0	$0	$0	$0
Merced	0	0	$0	$0	$0
Modoc	0	0	$0	$0	$0
Mono	0	0	$0	$0	$0
Monterey	10	7,230	$0	$0	$0
Napa	3	9,316	$75,256	$75,256	$150,513
Nevada	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	0	0	$0	$0	$0
Placer	0	0	$0	$0	$0
Plumas	0	0	$0	$0	$0
Riverside	0	0	$0	$0	$0
Sacramento	0	0	$0	$0	$0
San Benito	0	0	$0	$0	$0
San Bernardino	0	0	$0	$0	$0
San Diego	0	0	$0	$0	$0
San Francisco	0	0	$0	$0	$0
San Joaquin	0	0	$0	$0	$0
San Luis Obispo	0	0	$0	$0	$0
San Mateo	15	48,748	$11,792,116	$15,146,553	$26,938,668
Santa Barbara	27	32,529	$0	$0	$0
Santa Clara	0	0	$0	$0	$0
Santa Cruz	0	0	$0	$0	$0
Shasta	0	0	$0	$0	$0
Sierra	0	0	$0	$0	$0
Siskiyou	0	0	$0	$0	$0
Solano	40	49,491	$2,310,356	$1,236,210	$3,546,567
Sonoma	0	0	$0	$0	$0
Stanislaus	0	0	$0	$0	$0
Sutter	0	0	$0	$0	$0
Tehama	0	0	$0	$0	$0
Trinity	0	0	$0	$0	$0
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	0	0	$0	$0	$0
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	99	159,742	$16,473,161	$19,901,168	$36,374,329

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	1	$316,552	$316,552	$633,104
Madera	0	$0	$0	$0
Marin	4	$8,147,070	$8,147,070	$16,294,140
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	4	$1,626,209	$1,106,240	$2,732,449
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	1	$314,231	$157,115	$471,346
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	1	$259,850	$259,850	$519,700
San Mateo	5	$44,420,412	$44,420,412	$88,840,823
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	0	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	16	$55,084,323	$54,407,239	$109,491,562

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	1	$316,552	$316,552	$633,104
Madera	0	$0	$0	$0
Marin	8	$10,442,502	$11,590,218	$22,032,721
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	14	$1,626,209	$1,106,240	$2,732,449
Napa	3	$75,256	$75,256	$150,513
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	1	$314,231	$157,115	$471,346
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	1	$259,850	$259,850	$519,700
San Mateo	20	$56,212,527	$59,566,964	$115,779,492
Santa Barbara	27	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	0	$0	$0	$0
Solano	40	$2,310,356	$1,236,210	$3,546,567
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	0	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	115	$71,557,484	$74,308,407	$145,865,891

Risk Analysis Results – Sea Level Rise of 100cm – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	0	0	$0	$0	$0
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	0	0	$0	$0	$0
Special School	0	0	$0	$0	$0
Other Facility	99	159,742	$16,473,161	$19,901,168	$36,374,329
Total	99	159,742	$16,473,161	$19,901,168	$36,374,329

Risk Analysis Results – Sea Level Rise of 100cm – State Highways by County

County	Miles of Highway
Alameda	11.6
Alpine	0.0
Amador	0.0
Butte	0.0
Calaveras	0.0
Colusa	0.0
Contra Costa	4.2
Del Norte	0.0
El Dorado	0.0
Fresno	0.0
Glenn	0.0
Humboldt	0.0
Imperial	0.0
Inyo	0.0
Kern	0.0
Kings	0.0
Lake	0.0
Lassen	0.0
Los Angeles	7.4
Madera	0.0
Marin	22.8
Mariposa	0.0
Mendocino	0.0
Merced	0.0
Modoc	0.0
Mono	0.0
Monterey	0.6
Napa	0.5
Nevada	0.0
Orange	6.7

Risk Analysis Results – Sea Level Rise of 100cm – State Highways by County

County	Miles of Highway
Placer	0.0
Plumas	0.0
Riverside	0.0
Sacramento	0.0
San Benito	0.0
San Bernardino	0.0
San Diego	4.3
San Francisco	4.9
San Joaquin	0.0
San Luis Obispo	0.2
San Mateo	28.7
Santa Barbara	0.1
Santa Clara	4.5
Santa Cruz	0.2
Shasta	0.0
Sierra	0.0
Siskiyou	0.0
Solano	4.4
Sonoma	9.8
Stanislaus	0.0
Sutter	0.0
Tehama	0.0
Trinity	0.0
Tulare	0.0
Tuolumne	0.0
Ventura	0.3
Yolo	0.0
Yuba	0.0
Total	111.1

Risk Analysis Results for 200-cm Sea Level Rise

Risk Analysis Results – Sea Level Rise of 200cm – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	1,305	83,922	1.6%
Alpine	0	50,861	0.0%
Amador	0	97,686	0.0%
Butte	0	88,320	0.0%
Calaveras	0	124,320	0.0%
Colusa	0	39,975	0.0%
Contra Costa	2,178	28,731	7.6%
Del Norte	0	10,802	0.0%
El Dorado	0	184,442	0.0%
Fresno	0	51,792	0.0%
Glenn	0	2,085	0.0%
Humboldt	0	78,482	0.0%
Imperial	0	710,020	0.0%
Inyo	0	246,441	0.0%
Kern	0	1,014,386	0.0%
Kings	0	8,907	0.0%
Lake	0	82,544	0.0%
Lassen	0	180,689	0.0%
Los Angeles	3,469	911,564	0.4%
Madera	0	41,190	0.0%
Marin	2,917	24,696	11.8%
Mariposa	0	228,533	0.0%
Mendocino	0	855,474	0.0%
Merced	0	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	0	130,547	0.0%
Monterey	284	92,667	0.3%
Napa	355	169,772	0.2%
Nevada	0	146,358	0.0%

Risk Analysis Results – Sea Level Rise of 200cm – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	1,537	151,777	1.0%
Placer	0	122,653	0.0%
Plumas	0	60,257	0.0%
Riverside	0	1,065,179	0.0%
Sacramento	0	75,501	0.0%
San Benito	0	8,877	0.0%
San Bernardino	0	1,734,287	0.0%
San Diego	2,333	522,630	0.4%
San Francisco	758	4,245	17.8%
San Joaquin	0	28,214	0.0%
San Luis Obispo	413	733,458	0.1%
San Mateo	3,428	32,801	10.4%
Santa Barbara	528	28,657	1.8%
Santa Clara	840	43,054	2.0%
Santa Cruz	251	40,770	0.6%
Shasta	0	381,315	0.0%
Sierra	0	35,361	0.0%
Siskiyou	0	508,754	0.0%
Solano	622	55,831	1.1%
Sonoma	971	57,738	1.7%
Stanislaus	0	14,179	0.0%
Sutter	0	2,369	0.0%
Tehama	0	84,053	0.0%
Trinity	0	116,464	0.0%
Tulare	0	6,847	0.0%
Tuolumne	0	70,255	0.0%
Ventura	268	31,804	0.8%
Yolo	0	40,856	0.0%
Yuba	0	30,685	0.0%

Risk Analysis Results – Sea Level Rise of 200cm – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	22,455	11,788,962	0.2%

Risk Analysis Results – Sea Level Rise of 200cm – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	6	12	0	0	0	30	48
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	6	0	6	0	0	6	18
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	0	0	0	0	0	0	0
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	0	0
Imperial	0	0	0	0	0	0	0	0
Inyo	0	0	0	0	0	0	0	0
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	0	3	0	0	0	0	0	3
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	6	0	12	18
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Sea Level Rise of 200cm – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	0	0	0	0	0	0
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	0	0	0	0	0	0
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0	0	0
San Diego	0	0	0	0	0	0	8	8
San Francisco	0	0	0	0	0	0	36	36
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	0	0	0	0	0	0	0	0
San Mateo	0	0	6	0	0	6	24	36
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	6	0	12	0	0	0	0	18
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	0	0
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	12	12
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	0	1	0	0	0	1	2
Yolo	0	0	0	0	0	0	0	0

Risk Analysis Results – Sea Level Rise of 200cm – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	6	15	31	6	6	6	129	199

Risk Analysis Results – Sea Level Rise of 200cm – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	$3.0 Billion to $6.0 Billion	$6.1 Billion to Greater Than $6.6 Billion	-	-	-	$6.8 Billion to Greater Than $10.8 Billion
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	$600.0 Million to $3.0 Billion	-	$60.0 Million to $600.0 Million	-	-	$6.0 Billion to Greater Than $6.0 Billion
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-
Imperial	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-
Kern	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	-	$3.0 Billion to Greater Than $3.0 Billion	-	-	-	-	-
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	$60.0 Million to $600.0 Million	-	$6.1 Billion to Greater Than $6.6 Billion

Risk Analysis Results – Sea Level Rise of 200cm – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	-	-	-	-	-	-
Sacramento	-	-	-	-	-	-	-
San Benito	-	-	-	-	-	-	-
San Bernardino	-	-	-	-	-	-	-
San Diego	-	-	-	-	-	-	$3.2 Billion to Greater Than $5.2 Billion
San Francisco	-	-	-	-	-	-	$22.2 Billion to Greater Than $30.0 Billion
San Joaquin	-	-	-	-	-	-	-
San Luis Obispo	-	-	-	-	-	-	-
San Mateo	-	-	$3.0 Billion to $6.0 Billion	-	-	$600.0 Million to $3.0 Billion	$13.2 Billion to Greater Than $18.0 Billion
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	$3.0 Billion to $6.0 Billion	-	$660.0 Million to $3.6 Billion	-	-	-	-
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	$6.6 Billion to Greater Than $9.0 Billion

Risk Analysis Results – Sea Level Rise of 200cm – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	-	$10.0 Million to $100.0 Million	-	-	-	$1.0 Billion to Greater Than $1.0 Billion
Yolo	-	-	-	-	-	-	-
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – Sea Level Rise of 200cm – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	23,614	188,393	12.5%
Alpine	0	0	0.0%
Amador	0	0	0.0%
Butte	0	0	0.0%
Calaveras	0	0	0.0%
Colusa	0	0	0.0%
Contra Costa	20,793	48,717	42.7%
Del Norte	0	0	0.0%
El Dorado	0	0	0.0%
Fresno	0	0	0.0%
Glenn	0	0	0.0%
Humboldt	0	0	0.0%
Imperial	0	0	0.0%
Inyo	0	0	0.0%
Kern	0	0	0.0%
Kings	0	0	0.0%
Lake	0	0	0.0%
Lassen	0	0	0.0%
Los Angeles	9,697	182,102	5.3%
Madera	0	0	0.0%
Marin	13,243	153,270	8.6%
Mariposa	0	0	0.0%
Mendocino	0	4,364	0.0%
Merced	0	0	0.0%
Modoc	0	0	0.0%
Mono	0	0	0.0%
Monterey	20,714	75,462	27.4%
Napa	709	13,954	5.1%
Nevada	0	0	0.0%
Orange	8,716	208,595	4.2%

Risk Analysis Results – Sea Level Rise of 200cm – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	0	0.0%
Plumas	0	0	0.0%
Riverside	0	0	0.0%
Sacramento	0	0	0.0%
San Benito	0	0	0.0%
San Bernardino	0	0	0.0%
San Diego	27,979	288,645	9.7%
San Francisco	2,666	57,578	4.6%
San Joaquin	0	0	0.0%
San Luis Obispo	0	70,454	0.0%
San Mateo	30,112	227,330	13.2%
Santa Barbara	12,671	89,215	14.2%
Santa Clara	0	70,439	0.0%
Santa Cruz	0	68,225	0.0%
Shasta	0	0	0.0%
Sierra	0	0	0.0%
Siskiyou	0	0	0.0%
Solano	19,070	86,603	22.0%
Sonoma	0	44,244	0.0%
Stanislaus	0	0	0.0%
Sutter	0	0	0.0%
Tehama	0	0	0.0%
Trinity	0	0	0.0%
Tulare	0	0	0.0%
Tuolumne	0	0	0.0%
Ventura	20,078	61,429	32.7%
Yolo	0	0	0.0%
Yuba	0	0	0.0%
Total	210,062	1,939,019	10.8%

Risk Analysis Results – Sea Level Rise of 200cm – State Bridges by County

County	# of Bridges
Alameda	18
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	6
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	6
Madera	0
Marin	15
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	1
Napa	0
Nevada	0
Orange	2

Risk Analysis Results – Sea Level Rise of 200cm – State Bridges by County

County	# of Bridges
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	5
San Francisco	2
San Joaquin	0
San Luis Obispo	3
San Mateo	32
Santa Barbara	2
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	5
Sonoma	3
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	6
Yolo	0
Yuba	0
Total	106

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	0	$0	$0	$0
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	63	83,995	$7,000,517	$4,379,648	$11,380,166
CA Dept of Food and Agriculture	0	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	0	0	$0	$0	$0
CA Dept of General Services	0	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	0	0	$0	$0	$0
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	2	20,652	$4,145,189	$5,185,655	$9,330,844
CA Dept of Parks and Recreation	111	120,208	$58,185,552	$37,958,925	$96,144,477
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	23	40,664	$6,492,578	$7,856,520	$14,349,098
CA Dept of Veterans Affairs	0	0	$0	$0	$0
CA Dept of Water Resources	0	0	$0	$0	$0
CA Employment Development Department	0	0	$0	$0	$0
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	0	0	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	2	12,571	$4,821,003	$7,231,504	$12,052,507
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	1	13,254	$2,284,730	$2,284,730	$4,569,460
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	150	1,074,093	$381,863,240	$379,407,970	$761,271,210
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	0	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	0	$0	$0	$0
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	352	1,365,437	$464,792,810	$444,304,952	$909,097,762

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	1	$15,198,612	$15,198,612	$30,397,225
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	1	$3,097,226	$3,097,226	$6,194,452
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	16	$25,645,290	$22,010,526	$47,655,816
CA Dept of Food and Agriculture	1	$5,262,717	$7,894,075	$13,156,791

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	0	$0	$0	$0
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	1	$8,500,950	$8,500,950	$17,001,900
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	0	$0	$0	$0
CA Dept of Parks and Recreation	1	$222,862	$222,862	$445,725
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	3	$14,197,043	$14,197,043	$28,394,085
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	0	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	2	$13,040,459	$13,040,459	$26,080,918
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	0	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	1	$1,766,779	$883,389	$2,650,168
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	7	$10,156,704	$12,812,477	$22,969,181
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	35	$118,618,448	$119,387,426	$238,005,874

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	1	$15,198,612	$15,198,612	$30,397,225
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	1	$3,097,226	$3,097,226	$6,194,452
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	79	$32,645,807	$26,390,174	$59,035,982
CA Dept of Food and Agriculture	1	$5,262,717	$7,894,075	$13,156,791
CA Dept of Forestry and Fire Protection	0	$0	$0	$0
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	1	$8,500,950	$8,500,950	$17,001,900
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	2	$4,145,189	$5,185,655	$9,330,844
CA Dept of Parks and Recreation	112	$58,408,414	$38,181,787	$96,590,202
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	3	$14,197,043	$14,197,043	$28,394,085
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	23	$6,492,578	$7,856,520	$14,349,098
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0
CA Employment Development Department	2	$13,040,459	$13,040,459	$26,080,918
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	2	$4,821,003	$7,231,504	$12,052,507
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	1	$2,284,730	$2,284,730	$4,569,460
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	1	$1,766,779	$883,389	$2,650,168
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	7	$10,156,704	$12,812,477	$22,969,181
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	150	$381,863,240	$379,407,970	$761,271,210
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	387	$583,411,258	$563,692,378	$1,147,103,636

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	0	$0	$0	$0
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	0	0	$0	$0	$0
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	1	13,254	$2,284,730	$2,284,730	$4,569,460
Del Norte	0	0	$0	$0	$0
El Dorado	0	0	$0	$0	$0
Fresno	0	0	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	0	0	$0	$0	$0
Imperial	0	0	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	0	0	$0	$0	$0
Lassen	0	0	$0	$0	$0
Los Angeles	0	0	$0	$0	$0
Madera	0	0	$0	$0	$0
Marin	4	12,428	$2,295,432	$3,443,149	$5,738,581
Mariposa	0	0	$0	$0	$0
Mendocino	0	0	$0	$0	$0
Merced	0	0	$0	$0	$0
Modoc	0	0	$0	$0	$0
Mono	0	0	$0	$0	$0
Monterey	10	7,230	$0	$0	$0
Napa	3	9,316	$75,256	$75,256	$150,513
Nevada	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	29	38,441	$4,377,054	$2,297,652	$6,674,706
Placer	0	0	$0	$0	$0
Plumas	0	0	$0	$0	$0
Riverside	0	0	$0	$0	$0
Sacramento	0	0	$0	$0	$0
San Benito	0	0	$0	$0	$0
San Bernardino	0	0	$0	$0	$0
San Diego	147	794,878	$428,663,877	$403,510,714	$832,174,591
San Francisco	0	0	$0	$0	$0
San Joaquin	0	0	$0	$0	$0
San Luis Obispo	28	37,099	$10,103,685	$13,215,565	$23,319,249
San Mateo	17	56,012	$13,163,338	$16,830,530	$29,993,868
Santa Barbara	27	32,529	$0	$0	$0
Santa Clara	0	0	$0	$0	$0
Santa Cruz	0	0	$0	$0	$0
Shasta	0	0	$0	$0	$0
Sierra	0	0	$0	$0	$0
Siskiyou	0	0	$0	$0	$0
Solano	41	50,491	$3,829,438	$2,647,355	$6,476,793
Sonoma	8	8,983	$0	$0	$0
Stanislaus	0	0	$0	$0	$0
Sutter	0	0	$0	$0	$0
Tehama	0	0	$0	$0	$0
Trinity	0	0	$0	$0	$0
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	37	304,776	$0	$0	$0
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	352	1,365,437	$464,792,810	$444,304,952	$909,097,762

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	1	$211,248	$105,624	$316,872
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	2	$5,592,844	$5,592,844	$11,185,689
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	5	$5,991,367	$5,979,977	$11,971,344
Madera	0	$0	$0	$0
Marin	5	$8,426,377	$8,426,377	$16,852,753
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	4	$1,626,209	$1,106,240	$2,732,449
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	1	$314,231	$157,115	$471,346
San Francisco	1	$21,529,807	$21,529,807	$43,059,614
San Joaquin	0	$0	$0	$0
San Luis Obispo	2	$1,050,067	$654,958	$1,705,025
San Mateo	8	$54,702,848	$54,702,848	$109,405,696
Santa Barbara	0	$0	$0	$0
Santa Clara	1	$6,282,193	$9,423,290	$15,705,483
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	0	$0	$0	$0
Solano	2	$7,029,495	$8,777,464	$15,806,959
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	3	$5,861,763	$2,930,881	$8,792,644
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	35	$118,618,448	$119,387,426	$238,005,874

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	1	$211,248	$105,624	$316,872
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	3	$7,877,574	$7,877,574	$15,755,149
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	5	$5,991,367	$5,979,977	$11,971,344
Madera	0	$0	$0	$0
Marin	9	$10,721,809	$11,869,525	$22,591,334
Mariposa	0	$0	$0	$0
Mendocino	0	$0	$0	$0
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	14	$1,626,209	$1,106,240	$2,732,449
Napa	3	$75,256	$75,256	$150,513
Nevada	0	$0	$0	$0
Orange	29	$4,377,054	$2,297,652	$6,674,706
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	148	$428,978,108	$403,667,830	$832,645,937
San Francisco	1	$21,529,807	$21,529,807	$43,059,614
San Joaquin	0	$0	$0	$0
San Luis Obispo	30	$11,153,751	$13,870,523	$25,024,274
San Mateo	25	$67,866,186	$71,533,378	$139,399,564
Santa Barbara	27	$0	$0	$0
Santa Clara	1	$6,282,193	$9,423,290	$15,705,483
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	0	$0	$0	$0
Solano	43	$10,858,933	$11,424,819	$22,283,752
Sonoma	8	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	40	$5,861,763	$2,930,881	$8,792,644
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	387	$583,411,258	$563,692,378	$1,147,103,636

Risk Analysis Results – Sea Level Rise of 200cm – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	0	0	$0	$0	$0
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	0	0	$0	$0	$0
Special School	0	0	$0	$0	$0
Other Facility	352	1,365,437	$464,792,810	$444,304,952	$909,097,762
Total	352	1,365,437	$464,792,810	$444,304,952	$909,097,762

Risk Analysis Results – Sea Level Rise of 200cm – State Highways by County

County	Miles of Highway
Alameda	32.9
Alpine	0.0
Amador	0.0
Butte	0.0
Calaveras	0.0
Colusa	0.0
Contra Costa	7.4
Del Norte	0.0
El Dorado	0.0
Fresno	0.0
Glenn	0.0
Humboldt	0.0
Imperial	0.0
Inyo	0.0
Kern	0.0
Kings	0.0
Lake	0.0
Lassen	0.0
Los Angeles	14.7
Madera	0.0
Marin	37.6
Mariposa	0.0
Mendocino	0.0
Merced	0.0
Modoc	0.0
Mono	0.0
Monterey	4.2
Napa	0.9
Nevada	0.0
Orange	19.0

Risk Analysis Results – Sea Level Rise of 200cm – State Highways by County

County	Miles of Highway
Placer	0.0
Plumas	0.0
Riverside	0.0
Sacramento	0.0
San Benito	0.0
San Bernardino	0.0
San Diego	13.3
San Francisco	6.1
San Joaquin	0.0
San Luis Obispo	1.1
San Mateo	56.0
Santa Barbara	1.1
Santa Clara	10.2
Santa Cruz	0.2
Shasta	0.0
Sierra	0.0
Siskiyou	0.0
Solano	22.9
Sonoma	11.4
Stanislaus	0.0
Sutter	0.0
Tehama	0.0
Trinity	0.0
Tulare	0.0
Tuolumne	0.0
Ventura	6.5
Yolo	0.0
Yuba	0.0
Total	245.6

Risk Analysis Results for 3-Foot Sea Level Rise

Risk Analysis Results – Sea Level Rise of 3ft – State Bridges by County

County	# of Bridges
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	3
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	0
Madera	0
Marin	0
Mariposa	0
Mendocino	1
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – Sea Level Rise of 3ft – State Bridges by County

County	# of Bridges
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	4

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	0	$0	$0	$0
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	11	50,108	$0	$0	$0
CA Dept of Food and Agriculture	0	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	0	0	$0	$0	$0
CA Dept of General Services	0	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	0	0	$0	$0	$0
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	0	0	$0	$0	$0
CA Dept of Parks and Recreation	2	96	$0	$0	$0
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	0	0	$0	$0	$0
CA Dept of Veterans Affairs	0	0	$0	$0	$0
CA Dept of Water Resources	0	0	$0	$0	$0
CA Employment Development Department	0	0	$0	$0	$0
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	0	0	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	0	0	$0	$0	$0
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	0	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	0	0	$0	$0	$0
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	0	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	0	$0	$0	$0
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	13	50,204	$0	$0	$0

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	3	$8,308,082	$8,754,160	$17,062,242
CA Dept of Food and Agriculture	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	0	$0	$0	$0
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	0	$0	$0	$0
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	0	$0	$0	$0
CA Dept of Parks and Recreation	0	$0	$0	$0
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	0	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	0	$0	$0	$0
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	0	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	0	$0	$0	$0
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	3	$8,308,082	$8,754,160	$17,062,242

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	14	$8,308,082	$8,754,160	$17,062,242
CA Dept of Food and Agriculture	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	0	$0	$0	$0
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	0	$0	$0	$0
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	0	$0	$0	$0
CA Dept of Parks and Recreation	2	$0	$0	$0
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	0	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0
CA Employment Development Department	0	$0	$0	$0
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	0	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	0	$0	$0	$0
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	16	$8,308,082	$8,754,160	$17,062,242

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	0	0	$0	$0	$0
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	0	0	$0	$0	$0
Special School	0	0	$0	$0	$0
Other Facility	13	50,204	$0	$0	$0
Total	13	50,204	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	0	83,922	0.0%
Alpine	0	50,861	0.0%
Amador	0	97,686	0.0%
Butte	0	88,320	0.0%
Calaveras	0	124,320	0.0%
Colusa	0	39,975	0.0%
Contra Costa	0	28,731	0.0%
Del Norte	171	10,802	1.6%
El Dorado	0	184,442	0.0%
Fresno	0	51,792	0.0%
Glenn	0	2,085	0.0%
Humboldt	7,503	78,482	9.6%
Imperial	0	710,020	0.0%
Inyo	0	246,441	0.0%
Kern	0	1,014,386	0.0%
Kings	0	8,907	0.0%
Lake	0	82,544	0.0%
Lassen	0	180,689	0.0%
Los Angeles	0	911,564	0.0%
Madera	0	41,190	0.0%
Marin	0	24,696	0.0%
Mariposa	0	228,533	0.0%
Mendocino	390	855,474	0.0%
Merced	0	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	0	130,547	0.0%
Monterey	0	92,667	0.0%
Napa	0	169,772	0.0%
Nevada	0	146,358	0.0%

Risk Analysis Results – Sea Level Rise of 3ft – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	0	151,777	0.0%
Placer	0	122,653	0.0%
Plumas	0	60,257	0.0%
Riverside	0	1,065,179	0.0%
Sacramento	0	75,501	0.0%
San Benito	0	8,877	0.0%
San Bernardino	0	1,734,287	0.0%
San Diego	0	522,630	0.0%
San Francisco	0	4,245	0.0%
San Joaquin	0	28,214	0.0%
San Luis Obispo	0	733,458	0.0%
San Mateo	0	32,801	0.0%
Santa Barbara	0	28,657	0.0%
Santa Clara	0	43,054	0.0%
Santa Cruz	0	40,770	0.0%
Shasta	0	381,315	0.0%
Sierra	0	35,361	0.0%
Siskiyou	0	508,754	0.0%
Solano	0	55,831	0.0%
Sonoma	0	57,738	0.0%
Stanislaus	0	14,179	0.0%
Sutter	0	2,369	0.0%
Tehama	0	84,053	0.0%
Trinity	0	116,464	0.0%
Tulare	0	6,847	0.0%
Tuolumne	0	70,255	0.0%
Ventura	0	31,804	0.0%
Yolo	0	40,856	0.0%
Yuba	0	30,685	0.0%

Risk Analysis Results – Sea Level Rise of 3ft – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	8,064	11,788,962	0.1%

Risk Analysis Results – Sea Level Rise of 3ft – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	0	0	0	0	0	0	0
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	0	0	0	0	0	0	0
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	0	0	0	0	0	0	0
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	1	1
Imperial	0	0	0	0	0	0	0	0
Inyo	0	0	0	0	0	0	0	0
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	0	0	0	0	0	0	0	0
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	0	0	0	0
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Sea Level Rise of 3ft – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	0	0	0	0	0	0
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	0	0	0	0	0	0
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0	0	0
San Diego	0	0	0	0	0	0	0	0
San Francisco	0	0	0	0	0	0	0	0
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	0	0	0	0	0	0	0	0
San Mateo	0	0	0	0	0	0	0	0
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	0	0	0	0	0	0	0	0
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	0	0
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	0	0	0	0	0	0	0
Yolo	0	0	0	0	0	0	0	0

Risk Analysis Results – Sea Level Rise of 3ft – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	1

Risk Analysis Results – Sea Level Rise of 3ft – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	-	-	-	-	-	-
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	-	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	$100.0 Million to $500.0 Million
Imperial	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-
Kern	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	-	-	-	-	-	-	-
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-

Risk Analysis Results – Sea Level Rise of 3ft – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Orange	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	-	-	-	-	-	-
Sacramento	-	-	-	-	-	-	-
San Benito	-	-	-	-	-	-	-
San Bernardino	-	-	-	-	-	-	-
San Diego	-	-	-	-	-	-	-
San Francisco	-	-	-	-	-	-	-
San Joaquin	-	-	-	-	-	-	-
San Luis Obispo	-	-	-	-	-	-	-
San Mateo	-	-	-	-	-	-	-
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	-	-	-	-	-	-	-
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	-	-	-	-	-	-
Yolo	-	-	-	-	-	-	-
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – Sea Level Rise of 3ft – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	0	0	0.0%
Alpine	0	0	0.0%
Amador	0	0	0.0%
Butte	0	0	0.0%
Calaveras	0	0	0.0%
Colusa	0	0	0.0%
Contra Costa	0	0	0.0%
Del Norte	57	88	64.8%
El Dorado	0	0	0.0%
Fresno	0	0	0.0%
Glenn	0	0	0.0%
Humboldt	254	4,336	5.9%
Imperial	0	0	0.0%
Inyo	0	0	0.0%
Kern	0	0	0.0%
Kings	0	0	0.0%
Lake	0	0	0.0%
Lassen	0	0	0.0%
Los Angeles	0	0	0.0%
Madera	0	0	0.0%
Marin	0	0	0.0%
Mariposa	0	0	0.0%
Mendocino	40	65	62.1%
Merced	0	0	0.0%
Modoc	0	0	0.0%
Mono	0	0	0.0%
Monterey	0	0	0.0%
Napa	0	0	0.0%
Nevada	0	0	0.0%
Orange	0	0	0.0%

Risk Analysis Results – Sea Level Rise of 3ft – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	0	0.0%
Plumas	0	0	0.0%
Riverside	0	0	0.0%
Sacramento	0	0	0.0%
San Benito	0	0	0.0%
San Bernardino	0	0	0.0%
San Diego	0	0	0.0%
San Francisco	0	0	0.0%
San Joaquin	0	0	0.0%
San Luis Obispo	0	0	0.0%
San Mateo	0	0	0.0%
Santa Barbara	0	0	0.0%
Santa Clara	0	0	0.0%
Santa Cruz	0	0	0.0%
Shasta	0	0	0.0%
Sierra	0	0	0.0%
Siskiyou	0	0	0.0%
Solano	0	0	0.0%
Sonoma	0	0	0.0%
Stanislaus	0	0	0.0%
Sutter	0	0	0.0%
Tehama	0	0	0.0%
Trinity	0	0	0.0%
Tulare	0	0	0.0%
Tuolumne	0	0	0.0%
Ventura	0	0	0.0%
Yolo	0	0	0.0%
Yuba	0	0	0.0%
Total	351	4,489	7.8%

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	0	$0	$0	$0
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	0	0	$0	$0	$0
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	0	0	$0	$0	$0
Del Norte	0	0	$0	$0	$0
El Dorado	0	0	$0	$0	$0
Fresno	0	0	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	11	50,108	$0	$0	$0
Imperial	0	0	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	0	0	$0	$0	$0
Lassen	0	0	$0	$0	$0
Los Angeles	0	0	$0	$0	$0
Madera	0	0	$0	$0	$0
Marin	0	0	$0	$0	$0
Mariposa	0	0	$0	$0	$0
Mendocino	2	96	$0	$0	$0
Merced	0	0	$0	$0	$0
Modoc	0	0	$0	$0	$0
Mono	0	0	$0	$0	$0
Monterey	0	0	$0	$0	$0
Napa	0	0	$0	$0	$0
Nevada	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	0	0	$0	$0	$0
Placer	0	0	$0	$0	$0
Plumas	0	0	$0	$0	$0
Riverside	0	0	$0	$0	$0
Sacramento	0	0	$0	$0	$0
San Benito	0	0	$0	$0	$0
San Bernardino	0	0	$0	$0	$0
San Diego	0	0	$0	$0	$0
San Francisco	0	0	$0	$0	$0
San Joaquin	0	0	$0	$0	$0
San Luis Obispo	0	0	$0	$0	$0
San Mateo	0	0	$0	$0	$0
Santa Barbara	0	0	$0	$0	$0
Santa Clara	0	0	$0	$0	$0
Santa Cruz	0	0	$0	$0	$0
Shasta	0	0	$0	$0	$0
Sierra	0	0	$0	$0	$0
Siskiyou	0	0	$0	$0	$0
Solano	0	0	$0	$0	$0
Sonoma	0	0	$0	$0	$0
Stanislaus	0	0	$0	$0	$0
Sutter	0	0	$0	$0	$0
Tehama	0	0	$0	$0	$0
Trinity	0	0	$0	$0	$0
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	0	0	$0	$0	$0
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	13	50,204	$0	$0	$0

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	2	$3,113,553	$3,559,632	$6,673,185
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	0	$0	$0	$0
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	1	$5,194,529	$5,194,529	$10,389,057

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	0	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	3	$8,308,082	$8,754,160	$17,062,242

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	13	$3,113,553	$3,559,632	$6,673,185
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	0	$0	$0	$0
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	3	$5,194,529	$5,194,529	$10,389,057
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 3ft – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	0	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	16	$8,308,082	$8,754,160	$17,062,242

Risk Analysis Results – Sea Level Rise of 3ft – State Highways by County

County	Miles of Highway
Alameda	0.0
Alpine	0.0
Amador	0.0
Butte	0.0
Calaveras	0.0
Colusa	0.0
Contra Costa	0.0
Del Norte	0.5
El Dorado	0.0
Fresno	0.0
Glenn	0.0
Humboldt	10.5
Imperial	0.0
Inyo	0.0
Kern	0.0
Kings	0.0
Lake	0.0
Lassen	0.0
Los Angeles	0.0
Madera	0.0
Marin	0.0
Mariposa	0.0
Mendocino	1.0
Merced	0.0
Modoc	0.0
Mono	0.0
Monterey	0.0
Napa	0.0
Nevada	0.0
Orange	0.0

Risk Analysis Results – Sea Level Rise of 3ft – State Highways by County

County	Miles of Highway
Placer	0.0
Plumas	0.0
Riverside	0.0
Sacramento	0.0
San Benito	0.0
San Bernardino	0.0
San Diego	0.0
San Francisco	0.0
San Joaquin	0.0
San Luis Obispo	0.0
San Mateo	0.0
Santa Barbara	0.0
Santa Clara	0.0
Santa Cruz	0.0
Shasta	0.0
Sierra	0.0
Siskiyou	0.0
Solano	0.0
Sonoma	0.0
Stanislaus	0.0
Sutter	0.0
Tehama	0.0
Trinity	0.0
Tulare	0.0
Tuolumne	0.0
Ventura	0.0
Yolo	0.0
Yuba	0.0
Total	11.9

Risk Analysis Results for 6-Foot Sea Level Rise

Risk Analysis Results – Sea Level Rise of 6ft – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	0	83,922	0.0%
Alpine	0	50,861	0.0%
Amador	0	97,686	0.0%
Butte	0	88,320	0.0%
Calaveras	0	124,320	0.0%
Colusa	0	39,975	0.0%
Contra Costa	0	28,731	0.0%
Del Norte	2,686	10,802	24.9%
El Dorado	0	184,442	0.0%
Fresno	0	51,792	0.0%
Glenn	0	2,085	0.0%
Humboldt	8,917	78,482	11.4%
Imperial	0	710,020	0.0%
Inyo	0	246,441	0.0%
Kern	0	1,014,386	0.0%
Kings	0	8,907	0.0%
Lake	0	82,544	0.0%
Lassen	0	180,689	0.0%
Los Angeles	0	911,564	0.0%
Madera	0	41,190	0.0%
Marin	0	24,696	0.0%
Mariposa	0	228,533	0.0%
Mendocino	657	855,474	0.1%
Merced	0	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	0	130,547	0.0%
Monterey	0	92,667	0.0%
Napa	0	169,772	0.0%
Nevada	0	146,358	0.0%

Risk Analysis Results – Sea Level Rise of 6ft – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	0	151,777	0.0%
Placer	0	122,653	0.0%
Plumas	0	60,257	0.0%
Riverside	0	1,065,179	0.0%
Sacramento	0	75,501	0.0%
San Benito	0	8,877	0.0%
San Bernardino	0	1,734,287	0.0%
San Diego	0	522,630	0.0%
San Francisco	0	4,245	0.0%
San Joaquin	0	28,214	0.0%
San Luis Obispo	0	733,458	0.0%
San Mateo	0	32,801	0.0%
Santa Barbara	0	28,657	0.0%
Santa Clara	0	43,054	0.0%
Santa Cruz	0	40,770	0.0%
Shasta	0	381,315	0.0%
Sierra	0	35,361	0.0%
Siskiyou	0	508,754	0.0%
Solano	0	55,831	0.0%
Sonoma	0	57,738	0.0%
Stanislaus	0	14,179	0.0%
Sutter	0	2,369	0.0%
Tehama	0	84,053	0.0%
Trinity	0	116,464	0.0%
Tulare	0	6,847	0.0%
Tuolumne	0	70,255	0.0%
Ventura	0	31,804	0.0%
Yolo	0	40,856	0.0%
Yuba	0	30,685	0.0%

Risk Analysis Results – Sea Level Rise of 6ft – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	12,260	11,788,962	0.1%

Risk Analysis Results – Sea Level Rise of 6ft – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	0	0	0	0	0	0	0
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	0	0	0	0	0	0	0
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	0	0	0	0	0	0	0
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	1	1
Imperial	0	0	0	0	0	0	0	0
Inyo	0	0	0	0	0	0	0	0
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	0	0	0	0	0	0	0	0
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	0	0	0	0
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Sea Level Rise of 6ft – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	0	0	0	0	0	0
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	0	0	0	0	0	0
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0	0	0
San Diego	0	0	0	0	0	0	0	0
San Francisco	0	0	0	0	0	0	0	0
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	0	0	0	0	0	0	0	0
San Mateo	0	0	0	0	0	0	0	0
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	0	0	0	0	0	0	0	0
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	0	0
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	0	0	0	0	0	0	0
Yolo	0	0	0	0	0	0	0	0

Risk Analysis Results – Sea Level Rise of 6ft – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	1

Risk Analysis Results – Sea Level Rise of 6ft – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	-	-	-	-	-	-
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	-	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	$100.0 Million to $500.0 Million
Imperial	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-
Kern	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	-	-	-	-	-	-	-
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-

Risk Analysis Results – Sea Level Rise of 6ft – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Orange	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	-	-	-	-	-	-
Sacramento	-	-	-	-	-	-	-
San Benito	-	-	-	-	-	-	-
San Bernardino	-	-	-	-	-	-	-
San Diego	-	-	-	-	-	-	-
San Francisco	-	-	-	-	-	-	-
San Joaquin	-	-	-	-	-	-	-
San Luis Obispo	-	-	-	-	-	-	-
San Mateo	-	-	-	-	-	-	-
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	-	-	-	-	-	-	-
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	-	-	-	-	-	-
Yolo	-	-	-	-	-	-	-
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – Sea Level Rise of 6ft – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	0	0	0.0%
Alpine	0	0	0.0%
Amador	0	0	0.0%
Butte	0	0	0.0%
Calaveras	0	0	0.0%
Colusa	0	0	0.0%
Contra Costa	0	0	0.0%
Del Norte	8,703	25,382	34.3%
El Dorado	0	0	0.0%
Fresno	0	0	0.0%
Glenn	0	0	0.0%
Humboldt	4,855	107,522	4.5%
Imperial	0	0	0.0%
Inyo	0	0	0.0%
Kern	0	0	0.0%
Kings	0	0	0.0%
Lake	0	0	0.0%
Lassen	0	0	0.0%
Los Angeles	0	0	0.0%
Madera	0	0	0.0%
Marin	0	0	0.0%
Mariposa	0	0	0.0%
Mendocino	4,864	29,237	16.6%
Merced	0	0	0.0%
Modoc	0	0	0.0%
Mono	0	0	0.0%
Monterey	0	0	0.0%
Napa	0	0	0.0%
Nevada	0	0	0.0%
Orange	0	0	0.0%

Risk Analysis Results – Sea Level Rise of 6ft – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	0	0.0%
Plumas	0	0	0.0%
Riverside	0	0	0.0%
Sacramento	0	0	0.0%
San Benito	0	0	0.0%
San Bernardino	0	0	0.0%
San Diego	0	0	0.0%
San Francisco	0	0	0.0%
San Joaquin	0	0	0.0%
San Luis Obispo	0	0	0.0%
San Mateo	0	0	0.0%
Santa Barbara	0	0	0.0%
Santa Clara	0	0	0.0%
Santa Cruz	0	0	0.0%
Shasta	0	0	0.0%
Sierra	0	0	0.0%
Siskiyou	0	0	0.0%
Solano	0	0	0.0%
Sonoma	0	0	0.0%
Stanislaus	0	0	0.0%
Sutter	0	0	0.0%
Tehama	0	0	0.0%
Trinity	0	0	0.0%
Tulare	0	0	0.0%
Tuolumne	0	0	0.0%
Ventura	0	0	0.0%
Yolo	0	0	0.0%
Yuba	0	0	0.0%
Total	18,422	162,141	11.4%

Risk Analysis Results – Sea Level Rise of 6ft – State Bridges by County

County	# of Bridges
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	1
El Dorado	0
Fresno	0
Glenn	0
Humboldt	5
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	0
Madera	0
Marin	0
Mariposa	0
Mendocino	2
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – Sea Level Rise of 6ft – State Bridges by County

County	# of Bridges
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	8

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	0	$0	$0	$0
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	11	50,108	$0	$0	$0
CA Dept of Food and Agriculture	0	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	0	0	$0	$0	$0
CA Dept of General Services	0	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	0	0	$0	$0	$0
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	0	0	$0	$0	$0
CA Dept of Parks and Recreation	23	14,402	$172,943	$86,472	$259,415
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	0	0	$0	$0	$0
CA Dept of Veterans Affairs	0	0	$0	$0	$0
CA Dept of Water Resources	0	0	$0	$0	$0
CA Employment Development Department	0	0	$0	$0	$0
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	0	0	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	1	4,648	$0	$0	$0
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	0	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	0	0	$0	$0	$0
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	0	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	0	$0	$0	$0
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	35	69,158	$172,943	$86,472	$259,415

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	4	$8,995,496	$9,441,574	$18,437,070
CA Dept of Food and Agriculture	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	0	$0	$0	$0
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	0	$0	$0	$0
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	1	$1,937,921	$1,937,921	$3,875,842
CA Dept of Parks and Recreation	0	$0	$0	$0
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	1	$1,365,578	$1,365,578	$2,731,155
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	0	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	1	$602,936	$602,936	$1,205,871
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	0	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	0	$0	$0	$0
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	7	$12,901,930	$13,348,008	$26,249,938

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	15	$8,995,496	$9,441,574	$18,437,070
CA Dept of Food and Agriculture	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	0	$0	$0	$0
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	0	$0	$0	$0
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	1	$1,937,921	$1,937,921	$3,875,842
CA Dept of Parks and Recreation	23	$172,943	$86,472	$259,415
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	1	$1,365,578	$1,365,578	$2,731,155
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	0	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0
CA Employment Development Department	1	$602,936	$602,936	$1,205,871
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	1	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	0	$0	$0	$0
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	42	$13,074,873	$13,434,480	$26,509,354

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	0	$0	$0	$0
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	0	0	$0	$0	$0
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	0	0	$0	$0	$0
Del Norte	0	0	$0	$0	$0
El Dorado	0	0	$0	$0	$0
Fresno	0	0	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	12	54,756	$0	$0	$0
Imperial	0	0	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	0	0	$0	$0	$0
Lassen	0	0	$0	$0	$0
Los Angeles	0	0	$0	$0	$0
Madera	0	0	$0	$0	$0
Marin	0	0	$0	$0	$0
Mariposa	0	0	$0	$0	$0
Mendocino	23	14,402	$172,943	$86,472	$259,415
Merced	0	0	$0	$0	$0
Modoc	0	0	$0	$0	$0
Mono	0	0	$0	$0	$0
Monterey	0	0	$0	$0	$0
Napa	0	0	$0	$0	$0
Nevada	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	0	0	$0	$0	$0
Placer	0	0	$0	$0	$0
Plumas	0	0	$0	$0	$0
Riverside	0	0	$0	$0	$0
Sacramento	0	0	$0	$0	$0
San Benito	0	0	$0	$0	$0
San Bernardino	0	0	$0	$0	$0
San Diego	0	0	$0	$0	$0
San Francisco	0	0	$0	$0	$0
San Joaquin	0	0	$0	$0	$0
San Luis Obispo	0	0	$0	$0	$0
San Mateo	0	0	$0	$0	$0
Santa Barbara	0	0	$0	$0	$0
Santa Clara	0	0	$0	$0	$0
Santa Cruz	0	0	$0	$0	$0
Shasta	0	0	$0	$0	$0
Sierra	0	0	$0	$0	$0
Siskiyou	0	0	$0	$0	$0
Solano	0	0	$0	$0	$0
Sonoma	0	0	$0	$0	$0
Stanislaus	0	0	$0	$0	$0
Sutter	0	0	$0	$0	$0
Tehama	0	0	$0	$0	$0
Trinity	0	0	$0	$0	$0
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	0	0	$0	$0	$0
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	35	69,158	$172,943	$86,472	$259,415

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	1	$602,936	$602,936	$1,205,871
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	4	$6,417,052	$6,863,130	$13,280,182
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	0	$0	$0	$0
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	2	$5,881,942	$5,881,942	$11,763,885

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	0	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	7	$12,901,930	$13,348,008	$26,249,938

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	1	$602,936	$602,936	$1,205,871
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	16	$6,417,052	$6,863,130	$13,280,182
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	0	$0	$0	$0
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	0	$0	$0	$0
Mendocino	25	$6,054,886	$5,968,414	$12,023,300
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	0	$0	$0	$0
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	0	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	42	$13,074,873	$13,434,480	$26,509,354

Risk Analysis Results – Sea Level Rise of 6ft – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	0	0	$0	$0	$0
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	0	0	$0	$0	$0
Special School	0	0	$0	$0	$0
Other Facility	35	69,158	$172,943	$86,472	$259,415
Total	35	69,158	$172,943	$86,472	$259,415

Risk Analysis Results – Sea Level Rise of 6ft – State Highways by County

County	Miles of Highway
Alameda	0.0
Alpine	0.0
Amador	0.0
Butte	0.0
Calaveras	0.0
Colusa	0.0
Contra Costa	0.0
Del Norte	1.5
El Dorado	0.0
Fresno	0.0
Glenn	0.0
Humboldt	26.0
Imperial	0.0
Inyo	0.0
Kern	0.0
Kings	0.0
Lake	0.0
Lassen	0.0
Los Angeles	0.0
Madera	0.0
Marin	0.0
Mariposa	0.0
Mendocino	1.4
Merced	0.0
Modoc	0.0
Mono	0.0
Monterey	0.0
Napa	0.0
Nevada	0.0
Orange	0.0

Risk Analysis Results – Sea Level Rise of 6ft – State Highways by County

County	Miles of Highway
Placer	0.0
Plumas	0.0
Riverside	0.0
Sacramento	0.0
San Benito	0.0
San Bernardino	0.0
San Diego	0.0
San Francisco	0.0
San Joaquin	0.0
San Luis Obispo	0.0
San Mateo	0.0
Santa Barbara	0.0
Santa Clara	0.0
Santa Cruz	0.0
Shasta	0.0
Sierra	0.0
Siskiyou	0.0
Solano	0.0
Sonoma	0.0
Stanislaus	0.0
Sutter	0.0
Tehama	0.0
Trinity	0.0
Tulare	0.0
Tuolumne	0.0
Ventura	0.0
Yolo	0.0
Yuba	0.0
Total	28.9

Risk Analysis Results for Tsunami

Risk Analysis Results – Tsunami – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	1,385	83,922	1.7%
Alpine	0	50,861	0.0%
Amador	0	97,686	0.0%
Butte	0	88,320	0.0%
Calaveras	0	124,320	0.0%
Colusa	0	39,975	0.0%
Contra Costa	1,316	28,731	4.6%
Del Norte	4,249	10,802	39.3%
El Dorado	0	184,442	0.0%
Fresno	0	51,792	0.0%
Glenn	0	2,085	0.0%
Humboldt	11,464	78,482	14.6%
Imperial	0	710,020	0.0%
Inyo	0	246,441	0.0%
Kern	0	1,014,386	0.0%
Kings	0	8,907	0.0%
Lake	0	82,544	0.0%
Lassen	0	180,689	0.0%
Los Angeles	4,392	911,564	0.5%
Madera	0	41,190	0.0%
Marin	2,053	24,696	8.3%
Mariposa	0	228,533	0.0%
Mendocino	2,749	855,474	0.3%
Merced	0	12,030	0.0%
Modoc	0	2,853	0.0%
Mono	0	130,547	0.0%
Monterey	307	92,667	0.3%
Napa	31	169,772	0.0%
Nevada	0	146,358	0.0%

Risk Analysis Results – Tsunami – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	1,538	151,777	1.0%
Placer	0	122,653	0.0%
Plumas	0	60,257	0.0%
Riverside	0	1,065,179	0.0%
Sacramento	0	75,501	0.0%
San Benito	0	8,877	0.0%
San Bernardino	0	1,734,287	0.0%
San Diego	2,281	522,630	0.4%
San Francisco	1,000	4,245	23.6%
San Joaquin	0	28,214	0.0%
San Luis Obispo	1,435	733,458	0.2%
San Mateo	3,668	32,801	11.2%
Santa Barbara	581	28,657	2.0%
Santa Clara	586	43,054	1.4%
Santa Cruz	397	40,770	1.0%
Shasta	0	381,315	0.0%
Sierra	0	35,361	0.0%
Siskiyou	0	508,754	0.0%
Solano	120	55,831	0.2%
Sonoma	848	57,738	1.5%
Stanislaus	0	14,179	0.0%
Sutter	0	2,369	0.0%
Tehama	0	84,053	0.0%
Trinity	0	116,464	0.0%
Tulare	0	6,847	0.0%
Tuolumne	0	70,255	0.0%
Ventura	406	31,804	1.3%
Yolo	0	40,856	0.0%
Yuba	0	30,685	0.0%

Risk Analysis Results – Tsunami – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	40,808	11,788,962	0.3%

Risk Analysis Results – Tsunami – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	0	3	0	0	0	7	10
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	1	0	0	0	0	3	4
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	0	0	0	0	0	0	0
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	1	1
Imperial	0	0	0	0	0	0	0	0
Inyo	0	0	0	0	0	0	0	0
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	0	4	0	0	0	0	4	8
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	1	0	2	3
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	0	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Tsunami – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	0	0	0	0	0	0
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	0	0	0	0	0	0
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0	0	0
San Diego	0	0	0	0	0	0	4	4
San Francisco	0	0	0	0	0	0	6	6
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	1	0	0	0	0	0	0	1
San Mateo	0	0	0	0	0	0	3	3
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	0	0	0	0	0	0	0	0
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	0	0	0	0	0	0	0
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	0	0	0	0	0	0
Ventura	0	0	2	0	0	0	1	3
Yolo	0	0	0	0	0	0	0	0

Risk Analysis Results – Tsunami – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	1	5	5	0	1	0	31	43

Risk Analysis Results – Tsunami – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	-	$2.5 Billion to Greater Than $3.0 Billion	-	-	-	$2.3 Billion to Greater Than $3.7 Billion
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	$10.0 Million to $100.0 Million	-	-	-	-	$1.6 Billion to Greater Than $2.5 Billion
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	$100.0 Million to $500.0 Million
Imperial	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-
Kern	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	-	$3.5 Billion to Greater Than $4.0 Billion	-	-	-	-	$2.5 Billion to Greater Than $3.1 Billion
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	$10.0 Million to $100.0 Million	-	$1.0 Billion to Greater Than $1.1 Billion
Mariposa	-	-	-	-	-	-	-

Risk Analysis Results – Tsunami – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	-	-	-	-	-	-
Sacramento	-	-	-	-	-	-	-
San Benito	-	-	-	-	-	-	-
San Bernardino	-	-	-	-	-	-	-
San Diego	-	-	-	-	-	-	$710.0 Million to $2.1 Billion
San Francisco	-	-	-	-	-	-	$4.6 Billion to Greater Than $5.5 Billion
San Joaquin	-	-	-	-	-	-	-
San Luis Obispo	$500.0 Million to $1.0 Billion	-	-	-	-	-	-
San Mateo	-	-	-	-	-	-	$2.1 Billion to Greater Than $2.5 Billion
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	-	-	-	-	-	-	-
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-

Risk Analysis Results – Tsunami – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Sutter	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	-	-	$20.0 Million to $200.0 Million	-	-	-	$1.0 Billion to Greater Than $1.0 Billion
Yolo	-	-	-	-	-	-	-
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – Tsunami – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	11,087	77,977	14.2%
Alpine	0	0	0.0%
Amador	0	0	0.0%
Butte	0	0	0.0%
Calaveras	0	0	0.0%
Colusa	0	0	0.0%
Contra Costa	2,109	8,592	24.5%
Del Norte	3,698	4,931	75.0%
El Dorado	0	0	0.0%
Fresno	0	0	0.0%
Glenn	0	0	0.0%
Humboldt	425	8,180	5.2%
Imperial	0	0	0.0%
Inyo	0	0	0.0%
Kern	0	0	0.0%
Kings	0	0	0.0%
Lake	0	0	0.0%
Lassen	0	0	0.0%
Los Angeles	451	54,030	0.8%
Madera	0	0	0.0%
Marin	13,243	32,525	40.7%
Mariposa	0	0	0.0%
Mendocino	216	553	39.0%
Merced	0	0	0.0%
Modoc	0	0	0.0%
Mono	0	0	0.0%
Monterey	1,136	2,634	43.1%
Napa	0	0	0.0%
Nevada	0	0	0.0%
Orange	0	35,613	0.0%

Risk Analysis Results – Tsunami – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	0	0.0%
Plumas	0	0	0.0%
Riverside	0	0	0.0%
Sacramento	0	0	0.0%
San Benito	0	0	0.0%
San Bernardino	0	0	0.0%
San Diego	1,971	38,122	5.2%
San Francisco	302	36,132	0.8%
San Joaquin	0	0	0.0%
San Luis Obispo	0	3,693	0.0%
San Mateo	22	7,397	0.3%
Santa Barbara	1,002	5,010	20.0%
Santa Clara	0	52	0.0%
Santa Cruz	0	17,255	0.0%
Shasta	0	0	0.0%
Sierra	0	0	0.0%
Siskiyou	0	0	0.0%
Solano	16	889	1.8%
Sonoma	0	235	0.0%
Stanislaus	0	0	0.0%
Sutter	0	0	0.0%
Tehama	0	0	0.0%
Trinity	0	0	0.0%
Tulare	0	0	0.0%
Tuolumne	0	0	0.0%
Ventura	213	18,408	1.2%
Yolo	0	0	0.0%
Yuba	0	0	0.0%
Total	35,891	352,231	10.2%

Risk Analysis Results – Tsunami – State Bridges by County

County	# of Bridges
Alameda	63
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	22
Del Norte	8
El Dorado	0
Fresno	0
Glenn	0
Humboldt	22
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	32
Madera	0
Marin	17
Mariposa	0
Mendocino	11
Merced	0
Modoc	0
Mono	0
Monterey	8
Napa	0
Nevada	0
Orange	14

Risk Analysis Results – Tsunami – State Bridges by County

County	# of Bridges
Placer	0
Plumas	0
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	12
San Francisco	8
San Joaquin	0
San Luis Obispo	20
San Mateo	12
Santa Barbara	13
Santa Clara	0
Santa Cruz	5
Shasta	0
Sierra	0
Siskiyou	0
Solano	0
Sonoma	3
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	3
Yolo	0
Yuba	0
Total	273

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	3	174,077	$6,184,245	$3,160,553	$9,344,798
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	46	124,284	$3,333,144	$1,894,358	$5,227,501
CA Dept of Food and Agriculture	0	0	$0	$0	$0
CA Dept of Forestry and Fire Protection	4	5,618	$846,291	$967,254	$1,813,544
CA Dept of General Services	0	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	0	0	$0	$0	$0
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	1	7,075	$1,574,129	$1,574,129	$3,148,258
CA Dept of Parks and Recreation	688	636,646	$79,395,022	$55,826,821	$135,221,843
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	12	17,420	$79,970,206	$79,765,257	$159,735,462
CA Dept of Veterans Affairs	0	0	$0	$0	$0
CA Dept of Water Resources	0	0	$0	$0	$0
CA Employment Development Department	0	0	$0	$0	$0
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	0	0	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	3	14,736	$3,070,213	$4,217,929	$7,288,143
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	1	13,254	$2,284,730	$2,284,730	$4,569,460
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	8	187,075	$83,771,952	$88,607,833	$172,379,785

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	166	1,229,573	$428,932,367	$428,133,750	$857,066,118
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	2	39,487	$8,094,235	$8,296,102	$16,390,337
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	0	$0	$0	$0
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	934	2,449,245	$697,456,535	$674,728,715	$1,372,185,250

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	4	$4,408,055	$3,815,837	$8,223,892
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	29	$65,497,910	$61,992,820	$127,490,730
CA Dept of Food and Agriculture	1	$861,086	$861,086	$1,722,172

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	0	$0	$0	$0
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	2	$59,456,115	$59,456,115	$118,912,229
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	3	$20,065,133	$20,065,133	$40,130,265
CA Dept of Parks and Recreation	2	$376,728	$376,728	$753,457
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	1	$6,343,912	$6,343,912	$12,687,824
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	3	$8,134,853	$8,134,853	$16,269,705
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	1	$5,069,378	$5,069,378	$10,138,756
CA Dept of Transportation	0	$0	$0	$0
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	4	$51,634,616	$51,634,616	$103,269,233
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	2	$1,773,589	$886,794	$2,660,383
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	0	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	1	$1,766,779	$883,389	$2,650,168
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	6	$4,330,432	$3,939,251	$8,269,682
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	60	$251,248,391	$244,989,719	$496,238,110

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	0	$0	$0	$0
CA Board of Pilot Commissioners	1	$21,529,807	$21,529,807	$43,059,614
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	7	$10,592,300	$6,976,390	$17,568,690

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	75	$68,831,054	$63,887,177	$132,718,231
CA Dept of Food and Agriculture	1	$861,086	$861,086	$1,722,172
CA Dept of Forestry and Fire Protection	4	$846,291	$967,254	$1,813,544
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	2	$59,456,115	$59,456,115	$118,912,229
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	0	$0	$0	$0
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	4	$21,639,262	$21,639,262	$43,278,524
CA Dept of Parks and Recreation	690	$79,771,750	$56,203,549	$135,975,299
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	1	$6,343,912	$6,343,912	$12,687,824
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	3	$8,134,853	$8,134,853	$16,269,705
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	1	$5,069,378	$5,069,378	$10,138,756
CA Dept of Transportation	12	$79,970,206	$79,765,257	$159,735,462
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	0	$0	$0	$0
CA Employment Development Department	4	$51,634,616	$51,634,616	$103,269,233
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	0	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	2	$1,773,589	$886,794	$2,660,383

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	0	$0	$0	$0
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	3	$3,070,213	$4,217,929	$7,288,143
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	1	$2,284,730	$2,284,730	$4,569,460
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	1	$1,766,779	$883,389	$2,650,168
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	14	$88,102,384	$92,547,083	$180,649,467
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	166	$428,932,367	$428,133,750	$857,066,118
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	2	$8,094,235	$8,296,102	$16,390,337
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	0	$0	$0	$0
University of California	0	$0	$0	$0
Total	994	$948,704,926	$919,718,434	$1,868,423,359

Risk Analysis Results – Tsunami – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	3	39,880	$3,494,683	$3,696,550	$7,191,234
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	0	0	$0	$0	$0
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	1	13,254	$2,284,730	$2,284,730	$4,569,460
Del Norte	36	137,613	$19,655,903	$21,651,818	$41,307,721
El Dorado	0	0	$0	$0	$0
Fresno	0	0	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	24	76,578	$216,895	$108,448	$325,343
Imperial	0	0	$0	$0	$0
Inyo	0	0	$0	$0	$0
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	0	0	$0	$0	$0
Lassen	0	0	$0	$0	$0
Los Angeles	30	123,072	$86,057,933	$90,736,040	$176,793,973
Madera	0	0	$0	$0	$0
Marin	14	281,748	$88,313,023	$86,232,098	$174,545,121
Mariposa	0	0	$0	$0	$0
Mendocino	143	87,158	$3,121,287	$2,624,178	$5,745,465
Merced	0	0	$0	$0	$0
Modoc	0	0	$0	$0	$0
Mono	0	0	$0	$0	$0
Monterey	53	114,639	$1,773,143	$1,773,143	$3,546,286
Napa	3	9,316	$75,256	$75,256	$150,513
Nevada	0	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	82	93,703	$5,486,245	$3,176,474	$8,662,719
Placer	0	0	$0	$0	$0
Plumas	0	0	$0	$0	$0
Riverside	0	0	$0	$0	$0
Sacramento	0	0	$0	$0	$0
San Benito	0	0	$0	$0	$0
San Bernardino	0	0	$0	$0	$0
San Diego	210	893,003	$470,125,050	$444,531,320	$914,656,370
San Francisco	0	0	$0	$0	$0
San Joaquin	0	0	$0	$0	$0
San Luis Obispo	66	78,785	$14,276,613	$16,337,083	$30,613,696
San Mateo	34	26,989	$0	$0	$0
Santa Barbara	44	49,584	$265,318	$265,318	$530,635
Santa Clara	1	2,000	$0	$0	$0
Santa Cruz	0	0	$0	$0	$0
Shasta	0	0	$0	$0	$0
Sierra	0	0	$0	$0	$0
Siskiyou	0	0	$0	$0	$0
Solano	5	20,062	$162,064	$162,064	$324,129
Sonoma	90	58,227	$648,900	$324,450	$973,349
Stanislaus	0	0	$0	$0	$0
Sutter	0	0	$0	$0	$0
Tehama	0	0	$0	$0	$0
Trinity	0	0	$0	$0	$0
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	95	343,634	$1,499,491	$749,746	$2,249,237
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	934	2,449,245	$697,456,535	$674,728,715	$1,372,185,250

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	9	$101,315,780	$101,210,156	$202,525,935
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	3	$11,936,756	$11,936,756	$23,873,513
Del Norte	3	$2,640,893	$2,640,893	$5,281,786
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	7	$9,576,762	$10,022,840	$19,599,602
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	5	$60,241,571	$60,118,723	$120,360,294
Madera	0	$0	$0	$0
Marin	7	$9,331,505	$8,739,287	$18,070,792
Mariposa	0	$0	$0	$0
Mendocino	4	$14,599,405	$14,599,405	$29,198,809

Risk Analysis Results – Tsunami – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	4	$1,626,209	$1,106,240	$2,732,449
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	1	$1,176,723	$1,176,723	$2,353,446
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	2	$468,097	$310,982	$779,079
San Francisco	2	$22,390,893	$22,390,893	$44,781,786
San Joaquin	0	$0	$0	$0
San Luis Obispo	3	$1,248,622	$853,514	$2,102,136
San Mateo	1	$3,718,950	$3,718,950	$7,437,899
Santa Barbara	1	$1,352,489	$1,352,489	$2,704,978
Santa Clara	0	$0	$0	$0
Santa Cruz	3	$1,995,196	$997,598	$2,992,794
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0
Siskiyou	0	$0	$0	$0
Solano	1	$1,766,779	$883,389	$2,650,168
Sonoma	1			$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	3	$5,861,763	$2,930,881	$8,792,644
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	60	$251,248,391	$244,989,719	$496,238,110

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	12	$104,810,463	$104,906,706	$209,717,169
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	4	$14,221,487	$14,221,487	$28,442,973
Del Norte	39	$22,296,796	$24,292,711	$46,589,507
El Dorado	0	$0	$0	$0
Fresno	0	$0	$0	$0
Glenn	0	$0	$0	$0
Humboldt	31	$9,793,657	$10,131,288	$19,924,945
Imperial	0	$0	$0	$0
Inyo	0	$0	$0	$0
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	0	$0	$0	$0
Los Angeles	35	$146,299,504	$150,854,763	$297,154,267
Madera	0	$0	$0	$0
Marin	21	$97,644,528	$94,971,385	$192,615,913
Mariposa	0	$0	$0	$0
Mendocino	147	$17,720,692	$17,223,583	$34,944,275
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	57	$3,399,352	$2,879,383	$6,278,734
Napa	3	$75,256	$75,256	$150,513
Nevada	0	$0	$0	$0
Orange	83	$6,662,968	$4,353,196	$11,016,164
Placer	0	$0	$0	$0
Plumas	0	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	212	$470,593,147	$444,842,302	$915,435,448
San Francisco	2	$22,390,893	$22,390,893	$44,781,786
San Joaquin	0	$0	$0	$0
San Luis Obispo	69	$15,525,235	$17,190,596	$32,715,831
San Mateo	35	$3,718,950	$3,718,950	$7,437,899
Santa Barbara	45	$1,617,807	$1,617,807	$3,235,613
Santa Clara	1	$0	$0	$0
Santa Cruz	3	$1,995,196	$997,598	$2,992,794
Shasta	0	$0	$0	$0
Sierra	0	$0	$0	$0

Risk Analysis Results – Tsunami – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	0	$0	$0	$0
Solano	6	$1,928,843	$1,045,454	$2,974,297
Sonoma	91	$648,900	$324,450	$973,349
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	98	$7,361,254	$3,680,627	$11,041,881
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	994	$948,704,926	$919,718,434	$1,868,423,359

Risk Analysis Results – Tsunami – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	3	174,077	$6,184,245	$3,160,553	$9,344,798
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	0	0	$0	$0	$0
Special School	0	0	$0	$0	$0
Other Facility	931	2,275,168	$691,272,289	$671,568,162	$1,362,840,452
Total	934	2,449,245	$697,456,535	$674,728,715	$1,372,185,250

Risk Analysis Results – Tsunami – State Highways by County

County	Miles of Highway
Alameda	65.4
Alpine	0.0
Amador	0.0
Butte	0.0
Calaveras	0.0
Colusa	0.0
Contra Costa	11.9
Del Norte	20.1
El Dorado	0.0
Fresno	0.0
Glenn	0.0
Humboldt	58.8
Imperial	0.0
Inyo	0.0
Kern	0.0
Kings	0.0
Lake	0.0
Lassen	0.0
Los Angeles	23.5
Madera	0.0
Marin	44.7
Mariposa	0.0
Mendocino	10.3
Merced	0.0
Modoc	0.0
Mono	0.0
Monterey	14.1
Napa	0.0
Nevada	0.0
Orange	33.1

Risk Analysis Results – Tsunami – State Highways by County

County	Miles of Highway
Placer	0.0
Plumas	0.0
Riverside	0.0
Sacramento	0.0
San Benito	0.0
San Bernardino	0.0
San Diego	15.7
San Francisco	7.7
San Joaquin	0.0
San Luis Obispo	18.2
San Mateo	38.1
Santa Barbara	7.3
Santa Clara	0.0
Santa Cruz	2.7
Shasta	0.0
Sierra	0.0
Siskiyou	0.0
Solano	0.5
Sonoma	11.5
Stanislaus	0.0
Sutter	0.0
Tehama	0.0
Trinity	0.0
Tulare	0.0
Tuolumne	0.0
Ventura	17.8
Yolo	0.0
Yuba	0.0
Total	401.3

Risk Analysis Results for Volcano

Risk Analysis Results – Volcano – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Alameda	0	83,922	0.0%
Alpine	1,629	50,861	3.2%
Amador	0	97,686	0.0%
Butte	315	88,320	0.4%
Calaveras	0	124,320	0.0%
Colusa	0	39,975	0.0%
Contra Costa	0	28,731	0.0%
Del Norte	0	10,802	0.0%
El Dorado	0	184,442	0.0%
Fresno	9,419	51,792	18.2%
Glenn	0	2,085	0.0%
Humboldt	0	78,482	0.0%
Imperial	9,570	710,020	1.3%
Inyo	112,965	246,441	45.8%
Kern	0	1,014,386	0.0%
Kings	0	8,907	0.0%
Lake	10,828	82,544	13.1%
Lassen	3,578	180,689	2.0%
Los Angeles	0	911,564	0.0%
Madera	18,872	41,190	45.8%
Marin	0	24,696	0.0%
Mariposa	29,348	228,533	12.8%
Mendocino	0	855,474	0.0%
Merced	0	12,030	0.0%
Modoc	171	2,853	6.0%
Mono	128,800	130,547	98.7%
Monterey	0	92,667	0.0%
Napa	0	169,772	0.0%
Nevada	0	146,358	0.0%

Risk Analysis Results – Volcano – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Orange	0	151,777	0.0%
Placer	0	122,653	0.0%
Plumas	6,745	60,257	11.2%
Riverside	0	1,065,179	0.0%
Sacramento	0	75,501	0.0%
San Benito	0	8,877	0.0%
San Bernardino	44,532	1,734,287	2.6%
San Diego	0	522,630	0.0%
San Francisco	0	4,245	0.0%
San Joaquin	0	28,214	0.0%
San Luis Obispo	0	733,458	0.0%
San Mateo	0	32,801	0.0%
Santa Barbara	0	28,657	0.0%
Santa Clara	0	43,054	0.0%
Santa Cruz	0	40,770	0.0%
Shasta	208,966	381,315	54.8%
Sierra	0	35,361	0.0%
Siskiyou	503,528	508,754	99.0%
Solano	0	55,831	0.0%
Sonoma	0	57,738	0.0%
Stanislaus	0	14,179	0.0%
Sutter	0	2,369	0.0%
Tehama	19,439	84,053	23.1%
Trinity	11,909	116,464	10.2%
Tulare	0	6,847	0.0%
Tuolumne	1,132	70,255	1.6%
Ventura	0	31,804	0.0%
Yolo	0	40,856	0.0%
Yuba	0	30,685	0.0%

Risk Analysis Results – Volcano – Buildable Lands by County

County	Acres of Buildable Lands in Hazard Area	Total Acres of Buildable Lands	% of Buildable Lands in Hazard Area
Total	1,121,747	11,788,962	9.5%

Risk Analysis Results – Volcano – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Alameda	0	0	0	0	0	0	0	0
Alpine	0	0	0	0	0	0	0	0
Amador	0	0	0	0	0	0	0	0
Butte	0	0	0	0	0	0	0	0
Calaveras	0	0	0	0	0	0	0	0
Colusa	0	0	0	0	0	0	0	0
Contra Costa	0	0	0	0	0	0	0	0
Del Norte	0	0	0	0	0	0	0	0
El Dorado	0	0	0	0	0	0	0	0
Fresno	0	3	0	0	0	0	0	3
Glenn	0	0	0	0	0	0	0	0
Humboldt	0	0	0	0	0	0	0	0
Imperial	0	0	0	0	0	0	0	0
Inyo	0	2	0	0	0	0	0	2
Kern	0	0	0	0	0	0	0	0
Kings	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0
Lassen	0	0	0	0	0	0	0	0
Los Angeles	0	0	0	0	0	0	0	0
Madera	0	0	0	0	0	0	0	0
Marin	0	0	0	0	0	0	0	0
Mariposa	0	0	0	0	0	0	0	0
Mendocino	0	0	0	0	0	0	0	0
Merced	0	0	0	0	0	0	0	0
Modoc	0	4	0	0	0	0	0	4
Mono	0	0	11	0	0	0	0	11
Monterey	0	0	0	0	0	0	0	0
Napa	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0

Risk Analysis Results – Volcano – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Orange	0	0	0	0	0	0	0	0
Placer	0	0	0	0	0	0	0	0
Plumas	0	0	0	0	0	0	0	0
Riverside	0	0	0	0	0	0	0	0
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	0	0	0	0	0	0	0
San Bernardino	0	0	0	0	0	0	0	0
San Diego	0	0	0	0	0	0	0	0
San Francisco	0	0	0	0	0	0	0	0
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	0	0	0	0	0	0	0	0
San Mateo	0	0	0	0	0	0	0	0
Santa Barbara	0	0	0	0	0	0	0	0
Santa Clara	0	0	0	0	0	0	0	0
Santa Cruz	0	0	0	0	0	0	0	0
Shasta	0	5	0	0	0	0	2	7
Sierra	0	0	0	0	0	0	0	0
Siskiyou	0	7	0	0	0	0	0	7
Solano	0	0	0	0	0	0	0	0
Sonoma	0	0	0	0	0	0	0	0
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	0	0	0	0	0	0	0	0
Trinity	0	0	0	0	0	0	0	0
Tulare	0	0	0	0	0	0	0	0
Tuolumne	0	0	3	0	0	0	0	3
Ventura	0	0	0	0	0	0	0	0
Yolo	0	0	0	0	0	0	0	0

Risk Analysis Results – Volcano – Critical Facilities by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation	Total
Yuba	0	0	0	0	0	0	0	0
Total	0	21	14	0	0	0	2	37

Risk Analysis Results – Volcano – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Alameda	-	-	-	-	-	-	-
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	-	-	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	-	$2.1 Billion to Greater Than $2.5 Billion	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-
Imperial	-	-	-	-	-	-	-
Inyo	-	$200.0 Million to $1.0 Billion	-	-	-	-	-
Kern	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-
Los Angeles	-	-	-	-	-	-	-
Madera	-	-	-	-	-	-	-
Marin	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-

Risk Analysis Results – Volcano – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
Modoc	-	$400.0 Million to $2.0 Billion	-	-	-	-	-
Mono	-	-	$5.0 Billion to Greater Than $7.4 Billion	-	-	-	-
Monterey	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-
Orange	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-
Riverside	-	-	-	-	-	-	-
Sacramento	-	-	-	-	-	-	-
San Benito	-	-	-	-	-	-	-
San Bernardino	-	-	-	-	-	-	-
San Diego	-	-	-	-	-	-	-
San Francisco	-	-	-	-	-	-	-
San Joaquin	-	-	-	-	-	-	-
San Luis Obispo	-	-	-	-	-	-	-
San Mateo	-	-	-	-	-	-	-
Santa Barbara	-	-	-	-	-	-	-
Santa Clara	-	-	-	-	-	-	-
Santa Cruz	-	-	-	-	-	-	-
Shasta	-	$1.4 Billion to Greater Than $3.0 Billion	-	-	-	-	$200.0 Million to $1.0 Billion
Sierra	-	-	-	-	-	-	-
Siskiyou	-	$70.0 Million to	-	-	-	-	-

Risk Analysis Results – Volcano – Critical Facilities Economic Loss by County

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
		$700.0 Million					
Solano	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-
Tuolumne	-	-	$700.0 Million to $2.0 Billion	-	-	-	-
Ventura	-	-	-	-	-	-	-
Yolo	-	-	-	-	-	-	-
Yuba	-	-	-	-	-	-	-

Risk Analysis Results – Volcano – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Alameda	0	0	0.0%
Alpine	4	4	100.0%
Amador	0	0	0.0%
Butte	0	152	0.0%
Calaveras	0	0	0.0%
Colusa	0	0	0.0%
Contra Costa	0	0	0.0%
Del Norte	0	0	0.0%
El Dorado	0	0	0.0%
Fresno	0	7,660	0.0%
Glenn	0	0	0.0%
Humboldt	0	0	0.0%
Imperial	4,001	5,452	73.4%
Inyo	0	15,652	0.0%
Kern	0	0	0.0%
Kings	0	0	0.0%
Lake	2,765	14,076	19.6%
Lassen	0	760	0.0%
Los Angeles	0	0	0.0%
Madera	0	23,323	0.0%
Marin	0	0	0.0%
Mariposa	0	9,450	0.0%
Mendocino	0	0	0.0%
Merced	0	0	0.0%
Modoc	0	877	0.0%
Mono	0	13,195	0.0%
Monterey	0	0	0.0%
Napa	0	0	0.0%
Nevada	0	0	0.0%
Orange	0	0	0.0%

Risk Analysis Results – Volcano – Population by County

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
Placer	0	0	0.0%
Plumas	0	3,943	0.0%
Riverside	0	0	0.0%
Sacramento	0	0	0.0%
San Benito	0	0	0.0%
San Bernardino	487	497	98.1%
San Diego	0	0	0.0%
San Francisco	0	0	0.0%
San Joaquin	0	0	0.0%
San Luis Obispo	0	0	0.0%
San Mateo	0	0	0.0%
Santa Barbara	0	0	0.0%
Santa Clara	0	0	0.0%
Santa Cruz	0	0	0.0%
Shasta	8,984	67,097	13.4%
Sierra	0	0	0.0%
Siskiyou	8,317	42,986	19.3%
Solano	0	0	0.0%
Sonoma	0	0	0.0%
Stanislaus	0	0	0.0%
Sutter	0	0	0.0%
Tehama	38	2,269	1.7%
Trinity	0	5,374	0.0%
Tulare	0	0	0.0%
Tuolumne	0	1,461	0.0%
Ventura	0	0	0.0%
Yolo	0	0	0.0%
Yuba	0	0	0.0%
Total	24,595	214,226	11.5%

Risk Analysis Results – Volcano – State Bridges by County

County	# of Bridges
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	6
Glenn	0
Humboldt	0
Imperial	20
Inyo	16
Kern	0
Kings	0
Lake	5
Lassen	1
Los Angeles	0
Madera	4
Marin	0
Mariposa	19
Mendocino	0
Merced	0
Modoc	1
Mono	31
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – Volcano – State Bridges by County

County	# of Bridges
Placer	0
Plumas	4
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	12
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	97
Sierra	0
Siskiyou	125
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	17
Trinity	22
Tulare	0
Tuolumne	4
Ventura	0
Yolo	0
Yuba	0
Total	384

Risk Analysis Results – Volcano – State Dams by County

County	Number of State-Owned Dams
Alameda	0
Alpine	0
Amador	0
Butte	0
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	0
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	0
Kings	0
Lake	0
Lassen	0
Los Angeles	0
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0
Nevada	0
Orange	0

Risk Analysis Results – Volcano – State Dams by County

County	Number of State-Owned Dams
Placer	0
Plumas	1
Riverside	0
Sacramento	0
San Benito	0
San Bernardino	0
San Diego	0
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	0
Santa Clara	0
Santa Cruz	0
Shasta	0
Sierra	0
Siskiyou	3
Solano	0
Sonoma	0
Stanislaus	0
Sutter	0
Tehama	0
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
Total	4

Risk Analysis Results – Volcano – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	0	$0	$0	$0
6th District Court of Appeal	0	0	$0	$0	$0
CA Air Resources Board	0	0	$0	$0	$0
CA Board of Pilot Commissioners	0	0	$0	$0	$0
CA Commission on State Mandates	0	0	$0	$0	$0
CA Delta Protection Commission	0	0	$0	$0	$0
CA Dept of Aging	0	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	0	$0	$0	$0
CA Dept of Cannabis Control	0	0	$0	$0	$0
CA Dept of Child Support Services	0	0	$0	$0	$0
CA Dept of Community Services and Development	0	0	$0	$0	$0
CA Dept of Conservation	0	0	$0	$0	$0
CA Dept of Consumer Affairs	0	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	0	0	$0	$0	$0
CA Dept of Developmental Services	0	0	$0	$0	$0
CA Dept of Education	0	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	0	$0	$0	$0
CA Dept of Fish and Wildlife	207	308,488	$36,597,157	$39,889,582	$76,486,740
CA Dept of Food and Agriculture	3	1,857	$181,803	$181,803	$363,607
CA Dept of Forestry and Fire Protection	198	356,809	$37,161,860	$32,189,153	$69,351,013
CA Dept of General Services	0	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	0	$0	$0	$0
CA Dept of Health Care Services	0	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Housing & Community Development	2	77,750	$9,914,238	$4,957,119	$14,871,357
CA Dept of Human Resources	0	0	$0	$0	$0
CA Dept of Industrial Relations	0	0	$0	$0	$0
CA Dept of Insurance	0	0	$0	$0	$0
CA Dept of Justice	0	0	$0	$0	$0
CA Dept of Managed Health Care	0	0	$0	$0	$0
CA Dept of Motor Vehicles	1	862	$0	$0	$0
CA Dept of Parks and Recreation	274	210,622	$7,400,050	$4,995,937	$12,395,987
CA Dept of Pesticide Regulation	0	0	$0	$0	$0
CA Dept of Public Health	0	0	$0	$0	$0
CA Dept of Real Estate	0	0	$0	$0	$0
CA Dept of Rehabilitation	0	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	0	$0	$0	$0
CA Dept of Social Services	0	0	$0	$0	$0
CA Dept of State Hospitals	0	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	0	$0	$0	$0
CA Dept of Technology	0	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	0	$0	$0	$0
CA Dept of Transportation	227	480,855	$45,927,650	$42,344,554	$88,272,204
CA Dept of Veterans Affairs	0	0	$0	$0	$0
CA Dept of Water Resources	0	0	$0	$0	$0
CA Employment Development Department	0	0	$0	$0	$0
CA Franchise Tax Board	0	0	$0	$0	$0
CA Governor's Office of Emergency Services	0	0	$0	$0	$0
CA Governor's Office of Business and Economic Development	0	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Native American Heritage Commission	0	0	$0	$0	$0
CA Office of Administrative Law	0	0	$0	$0	$0
CA Office of Lieutenant Governor	0	0	$0	$0	$0
CA Office of Systems Integration	0	0	$0	$0	$0
CA Office of Tax Appeals	0	0	$0	$0	$0
CA Office of the Inspector General	0	0	$0	$0	$0
CA State Controller's Office	0	0	$0	$0	$0
California Agricultural Labor Relations Board	0	0	$0	$0	$0
California Arts Council	0	0	$0	$0	$0
California Board of State and Community Corrections	0	0	$0	$0	$0
California Children and Families Commission	0	0	$0	$0	$0
California Citizens Redistricting Commission	0	0	$0	$0	$0
California Coastal Commission	0	0	$0	$0	$0
California Commission on Teacher Credentialing	0	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	0	$0	$0	$0
California Community Colleges Board of Governors	0	0	$0	$0	$0
California Conservation Corps	0	0	$0	$0	$0
California Education Audit Appeals Panel	0	0	$0	$0	$0
California Emergency Medical Services Authority	0	0	$0	$0	$0
California Energy Commission	0	0	$0	$0	$0
California Exposition and State Fair	0	0	$0	$0	$0
California Fair Political Practices Commission	0	0	$0	$0	$0
California Gambling Control Commission	0	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California Government Operation Agency	0	0	$0	$0	$0
California Health and Human Services Agency	0	0	$0	$0	$0
California Health Benefit Exchange	0	0	$0	$0	$0
California High-Speed Rail Authority	0	0	$0	$0	$0
California Highway Patrol	11	35,034	$5,475,126	$6,360,456	$11,835,581
California Horse Racing Board	0	0	$0	$0	$0
California Law Revision Commission	0	0	$0	$0	$0
California Lottery	0	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	0	$0	$0	$0
California Military Department	0	0	$0	$0	$0
California Office of the State Public Defender	0	0	$0	$0	$0
California Prison Industry Authority	0	0	$0	$0	$0
California Public Employment Relations Board	0	0	$0	$0	$0
California Public Utilities Commission	0	0	$0	$0	$0
California State Board of Equalization	0	0	$0	$0	$0
California State Independent Living Council	0	0	$0	$0	$0
California State Lands Commission	0	0	$0	$0	$0
California State Legislature	0	0	$0	$0	$0
California State Personnel Board	0	0	$0	$0	$0
California State Summer School for the Arts	0	0	$0	$0	$0
California State Transportation Agency	0	0	$0	$0	$0
California State University	0	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Water Resources Control Board	0	0	$0	$0	$0
California Student Aid Commission	0	0	$0	$0	$0
California Tahoe Conservancy	0	0	$0	$0	$0
California Transportation Commission	0	0	$0	$0	$0
California Victim Compensation Board	0	0	$0	$0	$0
Cannabis Control Appeals Panel	0	0	$0	$0	$0
Central Valley Flood Protection Board	0	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	0	$0	$0	$0
District Agricultural Associations	108	463,545	$12,856,926	$12,856,926	$25,713,852
Exposition Park California	0	0	$0	$0	$0
Financial Information System for California	0	0	$0	$0	$0
Habeas Corpus Resource Center	0	0	$0	$0	$0
Judicial Council of California	3	93,189	$2,543,430	$2,543,430	$5,086,860
Milton Marks (Little Hoover) Commission	0	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	0	$0	$0	$0
San Diego River Conservancy	0	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	0	$0	$0	$0
San Joaquin River Conservancy	0	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	0	$0	$0	$0
Sierra Nevada Conservancy	0	0	$0	$0	$0
University of California	0	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by Agency

State-Owned					
Agency	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	1,034	2,029,011	$158,058,241	$146,318,961	$304,377,202

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	1	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	1	$1,206,089	$1,206,089	$2,412,178
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	18	$20,791,074	$20,325,620	$39,889,582
CA Dept of Food and Agriculture	3	$461,404	$284,157	$181,803

Risk Analysis Results – Volcano – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Forestry and Fire Protection	8	$51,567,149	$75,236,458	$32,189,153
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	0	$0	$0	$0
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	0	$0	$0	$0
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	1	$493,386	$493,386	$986,771
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	4	$2,382,505	$2,110,530	$0
CA Dept of Parks and Recreation	0	$0	$0	$0
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	2	$148,061	$148,061	$42,344,554
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	1	$467,568	$467,568	$935,136

Risk Analysis Results – Volcano – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Employment Development Department	0	$0	$0	$0
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	2	$995,824	$497,912	$1,493,735
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	1	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	2	$6,962,966	$8,821,345	$15,784,311
California Education Audit Appeals Panel	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	0	$0	$0	$0
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	0	$0	$0	$0
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	0	$0	$0	$0
Exposition Park California	0	$0	$0	$0
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	0	$0	$0	$0
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by Agency

State-Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	1	$179,996	$89,998	$269,994
University of California	0	$0	$0	$0
Total	45	$85,656,022	$109,681,124	$195,337,146

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
4th District Court of Appeal	0	$0	$0	$0
6th District Court of Appeal	0	$0	$0	$0
CA Air Resources Board	1	$0	$0	$0
CA Board of Pilot Commissioners	0	$0	$0	$0
CA Commission on State Mandates	0	$0	$0	$0
CA Delta Protection Commission	0	$0	$0	$0
CA Dept of Aging	0	$0	$0	$0
CA Dept of Alcoholic Beverage Control	0	$0	$0	$0
CA Dept of Cannabis Control	0	$0	$0	$0
CA Dept of Child Support Services	0	$0	$0	$0
CA Dept of Community Services and Development	0	$0	$0	$0
CA Dept of Conservation	0	$0	$0	$0
CA Dept of Consumer Affairs	0	$0	$0	$0
CA Dept of Corrections and Rehabilitation	1	$1,206,089	$1,206,089	$2,412,178

Risk Analysis Results – Volcano – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Developmental Services	0	$0	$0	$0
CA Dept of Education	0	$0	$0	$0
CA Dept of Fair Employment and Housing	0	$0	$0	$0
CA Dept of Financial Protection and Innovation	0	$0	$0	$0
CA Dept of Fish and Wildlife	225	$57,388,231	$60,215,203	$117,603,434
CA Dept of Food and Agriculture	6	$643,208	$465,960	$1,109,168
CA Dept of Forestry and Fire Protection	206	$88,729,009	$107,425,611	$196,154,620
CA Dept of General Services	0	$0	$0	$0
CA Dept of Health Care Access and Information	0	$0	$0	$0
CA Dept of Health Care Services	0	$0	$0	$0
CA Dept of Housing & Community Development	2	$9,914,238	$4,957,119	$14,871,357
CA Dept of Human Resources	0	$0	$0	$0
CA Dept of Industrial Relations	0	$0	$0	$0
CA Dept of Insurance	0	$0	$0	$0
CA Dept of Justice	1	$493,386	$493,386	$986,771
CA Dept of Managed Health Care	0	$0	$0	$0
CA Dept of Motor Vehicles	5	$2,382,505	$2,110,530	$4,493,035
CA Dept of Parks and Recreation	274	$7,400,050	$4,995,937	$12,395,987
CA Dept of Pesticide Regulation	0	$0	$0	$0
CA Dept of Public Health	0	$0	$0	$0
CA Dept of Real Estate	0	$0	$0	$0
CA Dept of Rehabilitation	0	$0	$0	$0
CA Dept of Resources Recycling and Recovery	0	$0	$0	$0
CA Dept of Social Services	0	$0	$0	$0
CA Dept of State Hospitals	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
CA Dept of Tax and Fee Administration	0	$0	$0	$0
CA Dept of Technology	0	$0	$0	$0
CA Dept of Toxic Substances Control	0	$0	$0	$0
CA Dept of Transportation	229	$46,075,711	$42,492,615	$88,568,327
CA Dept of Veterans Affairs	0	$0	$0	$0
CA Dept of Water Resources	1	$467,568	$467,568	$935,136
CA Employment Development Department	0	$0	$0	$0
CA Franchise Tax Board	0	$0	$0	$0
CA Governor's Office of Emergency Services	2	$995,824	$497,912	$1,493,735
CA Governor's Office of Business and Economic Development	0	$0	$0	$0
CA Native American Heritage Commission	0	$0	$0	$0
CA Office of Administrative Law	0	$0	$0	$0
CA Office of Lieutenant Governor	0	$0	$0	$0
CA Office of Systems Integration	0	$0	$0	$0
CA Office of Tax Appeals	0	$0	$0	$0
CA Office of the Inspector General	0	$0	$0	$0
CA State Controller's Office	0	$0	$0	$0
California Agricultural Labor Relations Board	1	$0	$0	$0
California Arts Council	0	$0	$0	$0
California Board of State and Community Corrections	0	$0	$0	$0
California Children and Families Commission	0	$0	$0	$0
California Citizens Redistricting Commission	0	$0	$0	$0
California Coastal Commission	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Commission on Teacher Credentialing	0	$0	$0	$0
California Commission on the Status of Women and Girls	0	$0	$0	$0
California Community Colleges Board of Governors	0	$0	$0	$0
California Conservation Corps	2	$6,962,966	$8,821,345	$15,784,311
California Education Audit Appeals Panel	0	$0	$0	$0
California Emergency Medical Services Authority	0	$0	$0	$0
California Energy Commission	0	$0	$0	$0
California Exposition and State Fair	0	$0	$0	$0
California Fair Political Practices Commission	0	$0	$0	$0
California Gambling Control Commission	0	$0	$0	$0
California Government Operation Agency	0	$0	$0	$0
California Health and Human Services Agency	0	$0	$0	$0
California Health Benefit Exchange	0	$0	$0	$0
California High-Speed Rail Authority	0	$0	$0	$0
California Highway Patrol	11	$5,475,126	$6,360,456	$11,835,581
California Horse Racing Board	0	$0	$0	$0
California Law Revision Commission	0	$0	$0	$0
California Lottery	0	$0	$0	$0
California Mental Health Services Oversight and Accountability Commission	0	$0	$0	$0
California Military Department	0	$0	$0	$0
California Office of the State Public Defender	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
California Prison Industry Authority	0	$0	$0	$0
California Public Employment Relations Board	0	$0	$0	$0
California Public Utilities Commission	0	$0	$0	$0
California State Board of Equalization	0	$0	$0	$0
California State Independent Living Council	0	$0	$0	$0
California State Lands Commission	0	$0	$0	$0
California State Legislature	0	$0	$0	$0
California State Personnel Board	0	$0	$0	$0
California State Summer School for the Arts	0	$0	$0	$0
California State Transportation Agency	0	$0	$0	$0
California State University	0	$0	$0	$0
California State Water Resources Control Board	0	$0	$0	$0
California Student Aid Commission	0	$0	$0	$0
California Tahoe Conservancy	0	$0	$0	$0
California Transportation Commission	0	$0	$0	$0
California Victim Compensation Board	0	$0	$0	$0
Cannabis Control Appeals Panel	0	$0	$0	$0
Central Valley Flood Protection Board	0	$0	$0	$0
Coachella Valley Mountains Conservancy	0	$0	$0	$0
Commission on Peace Officer Standards and Training	0	$0	$0	$0
District Agricultural Associations	108	$12,856,926	$12,856,926	$25,713,852
Exposition Park California	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by Agency

State-Owned and -Leased				
Agency	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Financial Information System for California	0	$0	$0	$0
Habeas Corpus Resource Center	0	$0	$0	$0
Judicial Council of California	3	$2,543,430	$2,543,430	$5,086,860
Milton Marks (Little Hoover) Commission	0	$0	$0	$0
Sacramento-San Joaquin Delta Conservancy	0	$0	$0	$0
San Diego River Conservancy	0	$0	$0	$0
San Francisco Bay Conservation and Development Commission	0	$0	$0	$0
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	0	$0	$0	$0
San Joaquin River Conservancy	0	$0	$0	$0
Santa Monica Mountains Conservancy	0	$0	$0	$0
Sierra Nevada Conservancy	1	$179,996	$89,998	$269,994
University of California	0	$0	$0	$0
Total	1,079	$243,714,263	$256,000,085	$499,714,348

Risk Analysis Results – Volcano – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	0	$0	$0	$0
Alpine	0	0	$0	$0	$0
Amador	0	0	$0	$0	$0
Butte	1	1,711	$169,284	$84,642	$253,925
Calaveras	0	0	$0	$0	$0
Colusa	0	0	$0	$0	$0
Contra Costa	0	0	$0	$0	$0
Del Norte	0	0	$0	$0	$0
El Dorado	0	0	$0	$0	$0
Fresno	9	9,393	$0	$0	$0
Glenn	0	0	$0	$0	$0
Humboldt	0	0	$0	$0	$0
Imperial	25	28,508	$2,103,574	$1,051,787	$3,155,362
Inyo	92	257,891	$29,685,472	$27,662,635	$57,348,107
Kern	0	0	$0	$0	$0
Kings	0	0	$0	$0	$0
Lake	52	46,496	$7,895,648	$4,949,915	$12,845,563
Lassen	5	7,058	$0	$0	$0
Los Angeles	0	0	$0	$0	$0
Madera	40	55,983	$3,015,110	$3,730,092	$6,745,202
Marin	0	0	$0	$0	$0
Mariposa	41	103,027	$9,150,065	$9,034,498	$18,184,563
Mendocino	0	0	$0	$0	$0
Merced	0	0	$0	$0	$0
Modoc	13	101,328	$10,313,752	$5,156,876	$15,470,628
Mono	262	312,309	$21,262,874	$15,505,074	$36,767,947
Monterey	0	0	$0	$0	$0
Napa	0	0	$0	$0	$0
Nevada	0	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	0	0	$0	$0	$0
Placer	0	0	$0	$0	$0
Plumas	12	13,777	$0	$0	$0
Riverside	0	0	$0	$0	$0
Sacramento	0	0	$0	$0	$0
San Benito	0	0	$0	$0	$0
San Bernardino	2	4,300	$0	$0	$0
San Diego	0	0	$0	$0	$0
San Francisco	0	0	$0	$0	$0
San Joaquin	0	0	$0	$0	$0
San Luis Obispo	0	0	$0	$0	$0
San Mateo	0	0	$0	$0	$0
Santa Barbara	0	0	$0	$0	$0
Santa Clara	0	0	$0	$0	$0
Santa Cruz	0	0	$0	$0	$0
Shasta	204	345,809	$38,283,744	$45,422,476	$83,706,221
Sierra	0	0	$0	$0	$0
Siskiyou	229	633,319	$17,414,714	$17,340,349	$34,755,063
Solano	0	0	$0	$0	$0
Sonoma	0	0	$0	$0	$0
Stanislaus	0	0	$0	$0	$0
Sutter	0	0	$0	$0	$0
Tehama	22	47,131	$11,836,463	$11,006,646	$22,843,109
Trinity	25	60,971	$6,927,542	$5,373,970	$12,301,512
Tulare	0	0	$0	$0	$0
Tuolumne	0	0	$0	$0	$0
Ventura	0	0	$0	$0	$0
Yolo	0	0	$0	$0	$0
Yuba	0	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	1,034	2,029,011	$158,058,241	$146,318,961	$304,377,202

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	0	$0	$0	$0
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	2	$167,081	$83,540	$250,621
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	0	$0	$0	$0
Inyo	10	$17,034,275	$15,749,194	$32,783,469
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	0	$0	$0	$0
Los Angeles	0	$0	$0	$0
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	1	$0	$0	$0
Mendocino	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	0	$0	$0	$0
Mono	0	$0	$0	$0
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	1	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	0	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	9	$54,147,695	$79,592,951	$133,740,645
Sierra	0	$0	$0	$0
Siskiyou	21	$14,306,971	$14,255,439	$28,562,411
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	0	$0	$0	$0
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	1	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	45	$85,656,022	$109,681,124	$195,337,146

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	1	$169,284	$84,642	$253,925
Calaveras	0	$0	$0	$0
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	0	$0	$0	$0
El Dorado	0	$0	$0	$0
Fresno	11	$167,081	$83,540	$250,621
Glenn	0	$0	$0	$0
Humboldt	0	$0	$0	$0
Imperial	25	$2,103,574	$1,051,787	$3,155,362
Inyo	102	$46,719,746	$43,411,829	$90,131,576
Kern	0	$0	$0	$0
Kings	0	$0	$0	$0
Lake	52	$7,895,648	$4,949,915	$12,845,563

Risk Analysis Results – Volcano – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	5	$0	$0	$0
Los Angeles	0	$0	$0	$0
Madera	40	$3,015,110	$3,730,092	$6,745,202
Marin	0	$0	$0	$0
Mariposa	42	$9,150,065	$9,034,498	$18,184,563
Mendocino	0	$0	$0	$0
Merced	0	$0	$0	$0
Modoc	13	$10,313,752	$5,156,876	$15,470,628
Mono	262	$21,262,874	$15,505,074	$36,767,947
Monterey	0	$0	$0	$0
Napa	0	$0	$0	$0
Nevada	0	$0	$0	$0
Orange	0	$0	$0	$0
Placer	0	$0	$0	$0
Plumas	13	$0	$0	$0
Riverside	0	$0	$0	$0
Sacramento	0	$0	$0	$0
San Benito	0	$0	$0	$0
San Bernardino	2	$0	$0	$0
San Diego	0	$0	$0	$0
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	0	$0	$0	$0
San Mateo	0	$0	$0	$0
Santa Barbara	0	$0	$0	$0
Santa Clara	0	$0	$0	$0
Santa Cruz	0	$0	$0	$0
Shasta	213	$92,431,439	$125,015,427	$217,446,866
Sierra	0	$0	$0	$0

Risk Analysis Results – Volcano – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	250	$31,721,685	$31,595,788	$63,317,473
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	22	$11,836,463	$11,006,646	$22,843,109
Trinity	25	$6,927,542	$5,373,970	$12,301,512
Tulare	0	$0	$0	$0
Tuolumne	0	$0	$0	$0
Ventura	1	$0	$0	$0
Yolo	0	$0	$0	$0
Yuba	0	$0	$0	$0
Total	1,079	$243,714,263	$256,000,085	$499,714,348

Risk Analysis Results – Volcano – State Facilities by Type

State-Owned					
Type	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Correctional Facility	0	0	$0	$0	$0
Development Center	0	0	$0	$0	$0
Hospital	0	0	$0	$0	$0
Migrant Center	2	77,750	$9,914,238	$4,957,119	$14,871,357
Special School	0	0	$0	$0	$0
Other Facility	1,032	1,951,261	$148,144,003	$141,361,842	$289,505,844
Total	1,034	2,029,011	$158,058,241	$146,318,961	$304,377,202

Risk Analysis Results – Volcano – State Highways by County

County	Miles of Highway
Alameda	0.0
Alpine	0.0
Amador	0.0
Butte	3.9
Calaveras	0.0
Colusa	0.0
Contra Costa	0.0
Del Norte	0.0
El Dorado	0.0
Fresno	82.4
Glenn	0.0
Humboldt	0.0
Imperial	29.3
Inyo	177.5
Kern	0.0
Kings	0.0
Lake	63.2
Lassen	68.1
Los Angeles	0.0
Madera	72.6
Marin	0.0
Mariposa	97.5
Mendocino	0.0
Merced	0.0
Modoc	86.0
Mono	603.9
Monterey	0.0
Napa	0.0
Nevada	0.0
Orange	0.0

Risk Analysis Results – Volcano – State Highways by County

County	Miles of Highway
Placer	0.0
Plumas	64.8
Riverside	0.0
Sacramento	0.0
San Benito	0.0
San Bernardino	45.0
San Diego	0.0
San Francisco	0.0
San Joaquin	0.0
San Luis Obispo	0.0
San Mateo	0.0
Santa Barbara	0.0
Santa Clara	0.0
Santa Cruz	0.0
Shasta	486.0
Sierra	0.0
Siskiyou	580.3
Solano	0.0
Sonoma	0.0
Stanislaus	0.0
Sutter	0.0
Tehama	157.5
Trinity	106.6
Tulare	0.0
Tuolumne	70.2
Ventura	0.0
Yolo	0.0
Yuba	0.0
Total	2,794.9

Risk Analysis Results for Wildfire

Risk Analysis Results – Wildfire – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	2	1,616	$0	$0	$0
Alpine	7	13,184	$2,598,926	$1,881,946	$4,480,873
Amador	55	83,752	$12,047,159	$12,047,159	$24,094,319
Butte	29	51,995	$4,692,287	$3,132,927	$7,825,214
Calaveras	119	279,319	$11,925,784	$11,513,627	$23,439,411
Colusa	0	0	$0	$0	$0
Contra Costa	51	38,511	$908,101	$712,572	$1,620,672
Del Norte	53	71,518	$7,385,629	$5,257,634	$12,643,263
El Dorado	203	338,796	$37,038,645	$36,850,095	$73,888,741
Fresno	33	38,389	$0	$0	$0
Glenn	4	3,155	$7,599,324	$10,860,179	$18,459,503
Humboldt	277	332,238	$18,009,714	$15,495,228	$33,504,942
Imperial	0	0	$0	$0	$0
Inyo	73	88,990	$12,081,571	$7,455,984	$19,537,555
Kern	56	63,610	$5,726,249	$7,714,041	$13,440,290
Kings	0	0	$0	$0	$0
Lake	25	32,503	$6,459,832	$3,601,892	$10,061,724
Lassen	44	119,774	$11,546,800	$6,779,537	$18,326,337
Los Angeles	228	955,779	$38,296,583	$26,956,836	$65,253,419
Madera	13	10,792	$0	$0	$0
Marin	147	78,153	$4,918,680	$2,459,340	$7,378,020
Mariposa	23	47,993	$6,199,436	$7,000,928	$13,200,364
Mendocino	421	349,995	$21,734,958	$15,054,329	$36,789,287
Merced	52	41,403	$295,535	$443,303	$738,838
Modoc	0	0	$0	$0	$0
Mono	16	17,356	$0	$0	$0
Monterey	243	287,423	$21,214,485	$15,816,760	$37,031,245
Napa	42	41,722	$1,932,389	$2,422,694	$4,355,083
Nevada	256	422,689	$25,733,006	$24,367,452	$50,100,458

Risk Analysis Results – Wildfire – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Orange	78	62,980	$502,167	$502,167	$1,004,334
Placer	128	179,215	$25,230,655	$31,067,225	$56,297,881
Plumas	63	65,047	$4,966,995	$3,645,841	$8,612,836
Riverside	160	196,511	$23,268,328	$20,340,686	$43,609,014
Sacramento	0	0	$0	$0	$0
San Benito	85	69,947	$6,287,125	$7,603,330	$13,890,455
San Bernardino	145	2,939,147	$12,722,767	$16,162,094	$28,884,861
San Diego	272	451,074	$116,592,977	$105,160,380	$221,753,357
San Francisco	0	0	$0	$0	$0
San Joaquin	66	65,133	$1,555,188	$1,555,188	$3,110,377
San Luis Obispo	45	55,507	$2,433,448	$2,332,162	$4,765,611
San Mateo	71	56,869	$5,779,488	$8,208,212	$13,987,699
Santa Barbara	61	45,120	$3,242,890	$1,887,382	$5,130,272
Santa Clara	165	100,709	$17,959,615	$12,357,187	$30,316,802
Santa Cruz	195	322,005	$35,141,185	$24,308,662	$59,449,847
Shasta	202	251,535	$34,150,442	$42,373,142	$76,523,584
Sierra	0	0	$0	$0	$0
Siskiyou	98	166,810	$7,599,292	$8,219,342	$15,818,634
Solano	0	0	$0	$0	$0
Sonoma	104	227,916	$7,382,328	$9,079,131	$16,461,459
Stanislaus	1	876	$2,209,109	$2,209,109	$4,418,218
Sutter	0	0	$0	$0	$0
Tehama	46	69,594	$13,010,491	$13,285,128	$26,295,619
Trinity	34	58,152	$21,940,444	$30,741,091	$52,681,535
Tulare	30	30,870	$430,346	$215,173	$645,519
Tuolumne	347	1,029,932	$33,356,801	$33,356,801	$66,713,602
Ventura	37	932,394	$235,118,284	$302,848,386	$537,966,670
Yolo	0	0	$0	$0	$0
Yuba	28	25,465	$1,075,031	$1,612,547	$2,687,578

Risk Analysis Results – Wildfire – State Facilities by County

State-Owned					
County	**# of Structures**	**Square Footage**	**Structure RCV**	**Content RCV**	**Total RCV**
Total	4,933	11,213,463	$870,300,488	$896,894,832	$1,767,195,320

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	0	$0	$0	$0
Alpine	0	$0	$0	$0
Amador	0	$0	$0	$0
Butte	3	$6,142,323	$6,142,323	$12,284,646
Calaveras	3	$623,905	$623,905	$1,247,810
Colusa	0	$0	$0	$0
Contra Costa	0	$0	$0	$0
Del Norte	1	$1,057,943	$1,057,943	$2,115,885
El Dorado	18	$17,774,390	$18,232,108	$36,006,498
Fresno	4	$167,081	$83,540	$250,621
Glenn	0	$0	$0	$0
Humboldt	4	$2,438,017	$2,135,797	$4,573,813
Imperial	0	$0	$0	$0
Inyo	2	$613,841	$306,920	$920,761
Kern	1	$1,057,472	$1,057,472	$2,114,944
Kings	0	$0	$0	$0
Lake	0	$0	$0	$0
Lassen	1			$0
Los Angeles	8	$7,317,545	$6,927,701	$14,245,247
Madera	0	$0	$0	$0
Marin	0	$0	$0	$0
Mariposa	2	$251,650	$125,825	$377,476
Mendocino	2	$108,056	$54,028	$162,084

Risk Analysis Results – Wildfire – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Merced	0	$0	$0	$0
Modoc	1	$267,274	$267,274	$534,548
Mono	0	$0	$0	$0
Monterey	5			$0
Napa	0	$0	$0	$0
Nevada	6	$13,114,476	$12,720,520	$25,834,995
Orange	0	$0	$0	$0
Placer	1	$590,381	$590,381	$1,180,761
Plumas	1			$0
Riverside	2	$75,045	$37,523	$112,568
Sacramento	1			$0
San Benito	2	$251,954	$125,977	$377,931
San Bernardino	1	$146,200	$73,100	$219,300
San Diego	3	$558,291	$558,291	$1,116,582
San Francisco	0	$0	$0	$0
San Joaquin	0	$0	$0	$0
San Luis Obispo	2			$0
San Mateo	1	$3,106,718	$4,660,077	$7,766,796
Santa Barbara	0	$0	$0	$0
Santa Clara	3	$658,071	$594,704	$1,252,775
Santa Cruz	1	$427,220	$427,220	$854,439
Shasta	4	$4,542,090	$6,234,496	$10,776,585
Sierra	0	$0	$0	$0
Siskiyou	7	$1,963,360	$2,053,192	$4,016,552
Solano	0	$0	$0	$0
Sonoma	0	$0	$0	$0
Stanislaus	0	$0	$0	$0
Sutter	0	$0	$0	$0
Tehama	0	$0	$0	$0

Risk Analysis Results – Wildfire – State Facilities by County

State-Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Trinity	1	$472,772	$472,772	$945,545
Tulare	0	$0	$0	$0
Tuolumne	8	$5,088,507	$5,048,007	$10,136,515
Ventura	5			$0
Yolo	1	$229,662	$114,831	$344,493
Yuba	0	$0	$0	$0
Total	105	$69,044,243	$70,725,927	$139,770,170

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Alameda	2	$0	$0	$0
Alpine	7	$2,598,926	$1,881,946	$4,480,873
Amador	55	$12,047,159	$12,047,159	$24,094,319
Butte	32	$10,834,610	$9,275,250	$20,109,860
Calaveras	122	$12,549,689	$12,137,532	$24,687,221
Colusa	0	$0	$0	$0
Contra Costa	51	$908,101	$712,572	$1,620,672
Del Norte	54	$8,443,571	$6,315,577	$14,759,148
El Dorado	221	$54,813,036	$55,082,203	$109,895,239
Fresno	37	$167,081	$83,540	$250,621
Glenn	4	$7,599,324	$10,860,179	$18,459,503
Humboldt	281	$20,447,731	$17,631,025	$38,078,756
Imperial	0	$0	$0	$0
Inyo	75	$12,695,412	$7,762,905	$20,458,316
Kern	57	$6,783,721	$8,771,513	$15,555,234
Kings	0	$0	$0	$0
Lake	25	$6,459,832	$3,601,892	$10,061,724

Risk Analysis Results – Wildfire – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Lassen	45	$11,546,800	$6,779,537	$18,326,337
Los Angeles	236	$45,614,128	$33,884,538	$79,498,665
Madera	13	$0	$0	$0
Marin	147	$4,918,680	$2,459,340	$7,378,020
Mariposa	25	$6,451,086	$7,126,753	$13,577,839
Mendocino	423	$21,843,014	$15,108,357	$36,951,372
Merced	52	$295,535	$443,303	$738,838
Modoc	1	$267,274	$267,274	$534,548
Mono	16	$0	$0	$0
Monterey	248	$21,214,485	$15,816,760	$37,031,245
Napa	42	$1,932,389	$2,422,694	$4,355,083
Nevada	262	$38,847,481	$37,087,971	$75,935,453
Orange	78	$502,167	$502,167	$1,004,334
Placer	129	$25,821,036	$31,657,606	$57,478,642
Plumas	64	$4,966,995	$3,645,841	$8,612,836
Riverside	162	$23,343,373	$20,378,208	$43,721,581
Sacramento	1	$0	$0	$0
San Benito	87	$6,539,078	$7,729,307	$14,268,385
San Bernardino	146	$12,868,967	$16,235,194	$29,104,161
San Diego	275	$117,151,268	$105,718,671	$222,869,939
San Francisco	0	$0	$0	$0
San Joaquin	66	$1,555,188	$1,555,188	$3,110,377
San Luis Obispo	47	$2,433,448	$2,332,162	$4,765,611
San Mateo	72	$8,886,206	$12,868,289	$21,754,495
Santa Barbara	61	$3,242,890	$1,887,382	$5,130,272
Santa Clara	168	$18,617,686	$12,951,891	$31,569,577
Santa Cruz	196	$35,568,404	$24,735,882	$60,304,286
Shasta	206	$38,692,532	$48,607,637	$87,300,169
Sierra	0	$0	$0	$0

Risk Analysis Results – Wildfire – State Facilities by County

State-Owned and -Leased				
County	**# of Structures**	**Structure RCV**	**Content RCV**	**Total RCV**
Siskiyou	105	$9,562,652	$10,272,534	$19,835,186
Solano	0	$0	$0	$0
Sonoma	104	$7,382,328	$9,079,131	$16,461,459
Stanislaus	1	$2,209,109	$2,209,109	$4,418,218
Sutter	0	$0	$0	$0
Tehama	46	$13,010,491	$13,285,128	$26,295,619
Trinity	35	$22,413,216	$31,213,864	$53,627,080
Tulare	30	$430,346	$215,173	$645,519
Tuolumne	355	$38,445,308	$38,404,808	$76,850,117
Ventura	42	$235,118,284	$302,848,386	$537,966,670
Yolo	1	$229,662	$114,831	$344,493
Yuba	28	$1,075,031	$1,612,547	$2,687,578
Total	5,038	$939,344,732	$967,620,759	$1,906,965,490

Appendix J. Status of Actions from Previous Plan



J STATUS OF ACTIONS FROM PREVIOUS PLAN

Each action in the 2018 SHMP was reviewed and reconciled with comments to show what activities, if any, were taken on those actions during the past five years. Table J-1 provides a detailed summary of actions, comments, and status indicators for all 114 actions.

Table J-1. Status of Actions from the 2018 State Plan

Action Item from Previous Plan	Status
Action 2018-001 - Support Legislative Efforts that Formalize California's Comprehensive Mitigation Program: Mitigation Legislation and Implementation.	
Comment: State agencies have been designing both technical and financial assistance programs to allow local agencies to update and align their various flood safety planning activities. For example, DWR's floodplain management and protection and risk awareness (FMPRA) program provided up to $5 million for flood risk reduction planning activities statewide. Furthermore, the Governor's Office of Planning and Research, Cal OES and DWR continue to work on planning alignment activities which will encourage local agencies to use information in one plan in another effort.	*Ongoing Capability*
Action 2018-002 - Strengthen Inter-agency Coordination Actions Including State, Regional, and Local Linkages: Establish Inter-agency Advisory Groups, Task Forces, and Work Groups to ensure vertical and horizontal integration and coordination of mitigation planning and implementation.	
Comment: The State Mitigation Planning Unit has adopted a new working and hazard group format for the 2023 SHMP Update. The goal is for these groups to stand during the implementation phase of the 2023 SHMP and provide input in between updates. These groups are horizontal by including partners across state agencies, and vertical by including partners from the federal government, local jurisdictions, academic institutions, nonprofit organizations, and the private sector. On the Grants side, Cal OES has entered into a Joint Powers Authority with CAL FIRE to establish and implement the California Wildfire Mitigation Program to implement wildfire retrofits and defensible space on the residences of socially vulnerable homeowners. This JPA will establish methodology to harden homes based on the best available science, in coordination with partner agencies and organizations, including the Institute for Building and Home Safety and Housing and California Department of Housing and Community Development. Cal OES participates in a monthly working group Office of Planning Research, FEMA, and The Nature Conservancy to advance the use of nature-based solutions under FEMA programs through OPR's and TNC's Cooperative Technical Partnerships with FEMA. CAL FIRE has created and leads the Wildfire Resiliency Task Force and the Wildfire Mitigation Advisory Committee to bring together state, local, Tribal, and academic stakeholders to coordinate around wildfire resiliency. Cal OES has multiple members participating in both groups. California has established the Safer from Wildfire interagency partnership between the CA Department of Insurance, Cal OES, CAL FIRE, CPUC, and OPR to protect lives, homes, and businesses by reducing wildfire risk and increasing access to wildfire insurance. ICARP drives California's response to climate impacts by facilitating greater coordination across local, regional, and state levels. ICARP's Technical Advisory Council (TAC) convenes experts across sectors quarterly to develop strategies that increase California's climate resilience, as well as "work group" meetings to address more topical or specific priorities in more depth. In addition, ICARP hosts interagency working groups at the agency deputy level and program manager level to promote alignment across the state's climate adaptation and hazard mitigation resources and facilitate the development of Administration-wide climate initiatives. These institutionalized structures provide continuity in the state's resilience efforts and have the ability to adapt to meet emerging needs.	*Ongoing Capability*

Action Item from Previous Plan	Status
Action 2018-003 - Broaden Public and Private Sector Mitigation Linkages	
Comment: The Delta Investment Strategy is a collaborative effort between state agencies, local reclamation districts, delta landowners, businesses, and other stakeholders. Ongoing: The Great California ShakeOut is an annual event involving public and private sector organizations, as well as local, regional, state, and federal agencies. Over 10 million individuals participated in the earthquake awareness and preparedness drill in 2017. Ongoing: FireSafe Councils are community-based organizations that collaborate with the California Fire Alliance (CFA) and CAL FIRE to identify local fire prevention projects. Funding for implementation is accomplished through federal agency grants. The State Water Efficiency and Enhancement Program (SWEEP) was initiated in response to the 2012-2016 statewide drought and the Executive Order accelerating the state's goal to reduce greenhouse gas emissions. SWEEP provides matching grant funds to agricultural operations. It provides a unique opportunity for government and the private enterprise to jointly reduce agricultural water and energy usage. Ongoing: The California Solar Initiative is a partnership between the California Public Utilities Commission (CPUC), private utilities, and the general public. Its goal is to provide financial incentives to residential property owners, including low income, to install solar systems to reduce greenhouse gas emissions. The California Cybersecurity Task Force is a statewide partnership comprised of key stakeholders, subject matter experts, and cybersecurity professionals from California's public sector, private industry, academia, and law enforcement. Its primary mission is to reduce the likelihood and severity of cyber incidents that could cause damage to the state's economy, infrastructure, and computer networks.	*In Progress*
Action 2018-004 - Assist Local Governments in Implementing Land Use Guidance and Best Practices for Reducing Vulnerability within High Hazard Zones.	
Comment: Numerous cities and counties in California have integrated their LHMP's with their general plan safety elements as outlined in SB 2140. In 2022, OPR published a Wildland-Urban Interface (WUI) Planning Guide to highlight how local agencies across California can leverage plans, regulations, and additional tools to reduce risk in wildfire-prone areas. The guide features nine best practice case studies that offer opportunities for learning and solutions that may be suitable for adoption in other communities. This resource is available on the State's Adaptation Clearinghouse. Additionally, OPR has conducted outreach and technical assistance to local governments regarding SB 379 implementation, and tracks SB 379 implementation through its ResilientCA Adaptation Planning Map.	*Ongoing Capability*

Action Item from Previous Plan	Status
Action 2018-005 - Incorporate Climate Change into Local, Regional, and Statewide Hazard Profiles, Risk Assessments, and Mitigation Plans.	
Comment: A. SB 379 and SB 1035 require jurisdictions to update their safety element to address climate vulnerability and adaptation, and to update fire, flooding, and climate adaptation portions of the safety element every eight years upon the next housing element update. *B. SB 1241 requires that jurisdictions in the State Responsibility Area and the Very High Fire Hazard Severity Zone address specific wildfire requirements in their safety elements.* *C. AB 747 and SB 99 added specific evacuation route requirements to the safety element.* *D. The Climate Adaptation Planning Grants Program is currently developing a program that will directly fund climate adaptation planning projects across California. The program plans to launch applications in the winter 2022.* *E. The ResilientCA Adaptation Planning Map (RAP-Map) on the Adaptation Clearinghouse inventories city and county progress toward integration of climate vulnerability and adaptation into local plans and is updated annually or as capacity allows.* *F. The 2020 Adaptation Planning Guide provides a step-by-step process to support local climate adaptation planning and is updated by Cal OES every three years, in coordination with OPR.* *G. The Climate Resilience Plan Alignment Toolkit published by OPR in the fall of 2022 supports the integration of climate resilience into local planning documents.* *H. OPR developed the Planning and Investing for a Resilient California guidebook to support integration of climate risk into state policy, decision making, and investments in response to EO B-30-15. OPR will update the guidebook in 2023-2024 to incorporate new information, best practices, and revised guidance on using the best available climate change science and data.* *I. OPR's General Plan Guidelines, last updated in 2017, have guidance on how to integrate climate resilience into general plan goals, policies, and programs. The safety element, environmental justice, and climate change sections of the guidelines (Chapters 4 & 8) in particular outline climate resilience considerations.* *J. In 2022, OPR published Wildfire Planning Technical Advisory in response to senate bills 901 and 2911 and Wildland-Urban Interface (WUI) Planning Guide.* *Note: OPR does not have regulatory authority over local planning, and thus cannot directly require incorporation of climate change into plans.*	*Ongoing Capability*

Action Item from Previous Plan	Status
Action 2018-006 - Enhance Collaboration on the Development and Sharing of Data Systems and Geographic Information Systems (GIS) Modeling.	
action item is working to develop an ArcGIS Online Hub site that will facilitate the sharing of relevant information to state and local partners. Some of the risk assessment data will be made available to local agency staff through the hub site. The hub site will provide local agency staff with a common source of information that they can use while developing their own Local Hazard Mitigation Plans. Specific tasks completed to support this action time include: *Compiled GIS datasets that can be used to indefinity hazard locations.* *Combined demographic and residential parcel information to create a demographic profile of the population based on their home location.* *Merged residential parcels and the social vulnerability index data to identify the home locations of vulnerable populations.* *Identified buildable lands (currently vacant but buildable areas) from the statewide parcel dataset.* *Estimated the replacement cost of state-owned and leased properties by combing information from DGS's building dataset, the CA Structure Inventory, and statewide parcel dataset. Currently, the combined Cal OES and Tetra Tech GIS team is working to complete the risk assessment analysis. We have created an ArcGIS Online share group to store and manage the relevant datasets. Once the first draft of the SHMP is complete, we will update the online hub site so the datasets can be accessible by the SHMP team using the share group. We will also create web mapping applications so that relevant data from each of the SHMP's chapters can be viewed online through the hub site.*	*Ongoing Capability*
Action 2018-007 - Support and Coordinate Monitoring of Progress on State Goals and Objectives: Set systematic near- and long-term mitigation targets and priorities	
Comment: The California Energy Commission tracks progress California is making in meeting its clean energy goals. Examples of indicators tracked include: energy efficiency, statewide energy demand, zero-emission vehicles, and reliance on coal, renewable energy, and once-through cooling. Mitigation targets were established within state legislation: SB 32 passed in 2016 establishes a target for greenhouse gas emission reductions; and the Sustainable Groundwater Management Act of 2014 establishes a target date for completion of required local plans.	*Ongoing Capability*
Action 2018-008 - Expand Mitigation Project Loss Avoidance Tracking through the State Mitigation Assessment Review Team (SMART) System: Conduct post-disaster onsite review and documentation of loss avoidance of mitigation projects using SMART.	
Comment: Cal OES conducts loss avoidance analysis when natural hazard events test completed mitigation projects. Analysis led to full loss avoidance studies conducted on the 2019 Russian River Flood in Sonoma County and the 2020 SCU Lightning Complex Fire impacting the Lick Observatory in Santa Clara County. For 2023, Cal OES suggests modifying this action item to read: "Develop a database containing a description of the specific natural hazard event for which each project was designed to mitigate. These detailed "trigger events" describe the situation that will test the completed projects and include specific metrics." To this end, Cal OES has begun collecting trigger event descriptions in the new Hazard Mitigation Grant Program sub-application in the Engage Cal OES (Salesforce) platform.	*Ongoing Capability*

Action Item from Previous Plan	Status
Action 2018-009 - California Global Warming Solutions Act (AB 32): Reduce greenhouse gas (GHG) emissions to 40% below 1990 levels by 2030.	
Comment: CARB is developing the proposed 2002 Scoping Plan with is scheduled for a vote and approval by CARB Board Members by the end of 2022. SB 32, passed in 2016 updates the previous GHG emission standards established in 2008 under AB 32. In addition to accelerating GHG reductions, it requires the California Air Resources Board (CARB) to adopt rules and regulations in an open public process to achieve the most technically feasible and cost-effective GHG reductions. In 2017, CARB released an update to the 2008 Scoping Plan, building on key programs to reduce GHG emissions in the energy-producing, transportation, agriculture and forestry sectors	*In Progress*
Action 2018-010 - Interagency Coordination: Coordinate the activities of state agencies to improve air and water quality; protect natural resources and agricultural lands; increase the availability of affordable housing; improve infrastructure systems; promote public health; and assist state and local entities in the planning of sustainable communities and meeting AB 32 goals. Provide technical support and feedback on climate change issues to be addressed in the 2009 CA Water Plan Update. Review and develop policy and operational recommendations associated with the effects of climate change on fire preparedness and response planning. Provide guidance for agencies to incorporate and integrate climate change into all planning and investment decisions. Ensure the state's ability to adapt to climate change impacts on ocean and coastal resources. Facilitate coordination among state, regional and local agency efforts to adapt to the impacts of climate change. Provide a venue for cross- sector collaboration and information sharing on development of the Safeguarding California plan.	
Comment: This action is supported by OPR. *A. SB 1241 (Kehoe, 2012) requires wildfire updates to general plans, mandatory findings for subdivision approvals in SRA's and CHFHSZs, and CEQA checklist updates for wildfire safety. OPR's updated Fire Hazard Planning Technical Advisory, includes example general plan policies related to climate change and wildfire preparedness and response planning. This document will be updated not less than once every eight years.* *B. ICARP supports interagency coordination and capacity-building with respect to climate resilience through its public-facing Technical Advisory Council and interagency working groups at the agency deputy and program manager levels. These forums consider climate resilience across all sectors, supporting the state's all-of-government approach to climate action. They additionally institutionalize coordination and adapt to address emerging issues. The ICARP team, through these formal venues, and also through ad-hoc efforts, coordinates with other agencies on key initiatives or plan updates. The 2021 update to the California Climate Adaptation Strategy and the development of its first annual implementation report relied heavily on these interagency structures.* *C. ICARP developed the Planning and Investing for a Resilient California Guidebook in response to EO B-30-15. The Guidebook provides best practices to state agencies for considering climate risk in planning and investment decisions. ICARP plans to update this guidance within the next year.* *D. In 2021, OPR initiated the Conservation and Housing Educational Series in coordination with several other state agencies (HCD, DOC, CARB). The goal of the series is to break down silos between conservation and housing programs, planning, and policy such that efforts in both arenas better support cross-sectoral needs and on-the-ground outcomes in service of state planning priorities; it is an internal, state agency-focused effort. With one year of monthly meetings completed, the steering committee is assessing future direction, which may involve developing a working group format to address identified challenges.*	*Ongoing Capability*

Action Item from Previous Plan	Status
Action 2018-011 - California Adaptation Strategy: Communicate current and needed actions state government should take to build climate change resiliency.	
Comment: In early 2022, California released the 2021 update to the California Climate Adaptation Strategy. California is required by statute (AB 1482, Gordon, 2015) to issue a statewide strategy to adapt to the impacts of climate change every three years. Previous iterations of this Strategy have been referred to as "Safeguarding California." Previous updates were released in 2014 and 2018. The 2021 strategy builds on successful elements of previous strategies and reflects recent efforts to double down on protecting communities, our economy, and nature from the impacts of climate change. This update: *A. Organizes the state's climate adaptation efforts around six outcome-based priorities for building resilience and increases our ability to measure progress.* *The Strategy shows how the state's existing, planned, and resourced climate adaptation efforts fit together to deliver on our six outcome-based priorities.* *These priorities reflect and reinforce regional climate resilience priorities, as they were explored and finalized through robust regional engagement with and in consultation with California Native American tribes.* *The Strategy also specifies timeframes and metrics to drive progress and enable accountability.* *B. Seeks to break down siloes and unify collective climate adaptation efforts across all sectors and regions.* *Shifting to an outcome-based approach sets strategic direction and reflects our efforts to drive coordinated and integrated approach to building climate resilience.* *This approach recognizes how climate adaptation is implemented on the ground and reflects our commitment to integrating climate resilience into the work of all state agencies.* *C. Makes it easier for Californians to understand and contribute to California's climate resilience agenda.* *The final Strategy is available as an interactive website that serves as a hub for state climate resilience action.* *This website will be updated to reflect progress and make adjustments and will allow for Californians to easily access information on our efforts.*	*Ongoing Capability*
Action 2018-012 - California Building Resilience Against Climate Change Effects Project (CalBRACE): Enhance the California Department of Public Health's (CDPH) capability to plan for and reduce health risks associated with climate change.	
Comment: The Climate Change and Health Equity Program continues to work with various stakeholders to address health inequities on an ongoing basis. The CalBRACE project provides resources and technical assistance for state and local public health departments to build climate adaptation capacity and enhance resilience at the local and regional levels. CalBRACE is funded by the Centers for Disease Control (CDC). This The Climate Change and Health Equity Program (CCHEP) works with local, state, and national partners to assure climate change mitigation and adaptation activities do not exacerbate health inequalities.	*In Progress*
Action 2018-013 - Climate Change Assessment: Produce periodic scientific assessments on the potential impacts of climate change in California	
Comment: The First Climate Change Assessment was released in 2006, focusing on potential impacts on key state resources. The Second Assessment, released in 2009, focused on economic impacts. The Third Assessment, released in 2012, made significant progress in projecting climate change impacts. The Fourth Assessment was the first inter-agency effort to implement the Climate Change Research Plan, published in 2015. The development of the Fifth California Climate Change Assessment is underway. Climate Change and Emergency Management in California is part of the Fourth Assessment. It includes a Critical Facilities Vulnerability Assessment (CFVA, and a component addressing transportation adaptation.	*Ongoing Capability*

Action Item from Previous Plan	Status
Comment: A. SB 379 and SB 1035 require jurisdictions to update their safety element to address climate vulnerability and adaptation, and to update fire, flooding, and climate adaptation portions of the safety element every eight years upon the next housing element update. *B. SB 1241 requires that jurisdictions in the State Responsibility Area and the Very High Fire Hazard Severity Zone address specific wildfire requirements in their safety elements.* *C. AB 747 and SB 99 added specific evacuation route requirements to the safety element.* *D. The Climate Adaptation Planning Grants Program is currently developing a program that will directly fund climate adaptation planning projects across California. The program plans to launch applications winter 2022.* *E. The ResilientCA Adaptation Planning Map (RAP-Map) on the Adaptation Clearinghouse inventories city and county progress toward integration of climate vulnerability and adaptation into local plans and is updated annually or as capacity allows.* *F. The 2020 Adaptation Planning Guide provides a step-by-step process to support local climate adaptation planning and is updated by Cal OES every three years, in coordination with OPR.* *G. The Climate Resilience Plan Alignment Toolkit published by OPR in the fall of 2022 supports the integration of climate resilience into local planning documents.* *H. OPR developed the Planning and Investing for a Resilient California guidebook to support integration of climate risk into state policy, decision making, and investments in response to EO B-30-15. OPR will update the guidebook in 2023-2024 to incorporate new information, best practices, and revised guidance on using the best available climate change science and data.* *I. OPR's General Plan Guidelines, last updated in 2017, have guidance on how to integrate climate resilience into general plan goals, policies, and programs. The safety element, environmental justice, and climate change sections of the guidelines (Chapters 4 & 8) in particular outline climate resilience considerations.* *J. In 2022, OPR published Wildfire Planning Technical Advisory in response to senate bills 901 and 2911 and Wildland-Urban Interface (WUI) Planning Guide.* *Note: OPR does not have regulatory authority over local planning, and thus cannot directly require incorporation of climate change into plans.*	Ongoing Capability
Action 2018-015 - Web Based Climate Change Tools: Provide a centralize source of climate change information and resources	
Comment: SB 246 (2015) directed OPR to coordinate and maintain the State Adaptation Clearinghouse. The web-based clearinghouse provides state, regional, and local planners access to the most current planning and technical assistance resources. The ResilientCA Adaptation Planning Map (RAP-Map) inventories local government climate risk, adaptation, and resiliency planning efforts across the state and tracks progress towards statewide adaptation planning goals. The online Adaptation Planning Guide (2020) provides guidance to local governments on local adaptation and resiliency planning and is integrated into the Adaptation Clearinghouse to enhance the usability of the guidance and related resources in the database. The online, interactive Climate Resilience Plan Alignment Toolkit on the Adaptation Clearinghouse provides guidance, best practices, and resources for local governments to align local planning and develop custom roadmaps for plan updates.	*Ongoing Capability*

Action Item from Previous Plan	Status
Comment: In June 2016, the CSSC, in partnership with the Pacific Earthquake Engineering Center (PEER), issued a report discussing findings and priority recommendations organized by focus areas of the California Earthquake Loss Reduction Plan. *The following recommendations are either ongoing or have not indicted progress as of September 2022: Priority Recommendation 1.1: Identify the locations of complex and integrated fault zones in the state, like the West Napa fault zone, and prioritize these for evaluation and mapping and potential designation as Alquist-Priolo Earthquake Fault Zones. Priority Recommendation 1.2: Evaluate the aggregate effects of current amendments and exemptions under the Alquist-Priolo Earthquake Fault Zone Act and accompanying regulations, and study ways to better regulate and fund geologic investigations and structural mitigation in Alquist-Priolo Earthquake Fault Zones. Priority Recommendation 2.1: Ensure that all State-required gas safety plans address the mitigation of system risks to seismic hazards. Priority Recommendation 2.2: Convene a State task force that includes local water and wastewater providers as well as fire departments across the state to identify vulnerabilities, mitigation options, and financial mechanisms to enhance the seismic resilience of local water and wastewater systems, particularly in areas vulnerable to widespread ground failure and that lack alternative water supplies for firefighting. Priority Recommendation 3.1: Work with the Federal Emergency Management Agency, the California Building Officials, and other professional engineering and architectural organizations to: ensure that curricula for training and certification of safety assessors are effective and more widely implemented, particularly for local government personnel; improve protocols for deploying and compensating safety assessors; expand the use of Building Occupancy Resumption Programs; and grant safety assessment authority to the Division of the State Architect for public K-14 schools and State-owned buildings. Priority Recommendation 3.2: Work with the California Building Officials and professional engineering and architectural organizations, including the American Institute of Architects California Chapter and Structural Engineers Association of California, to develop guidance for local jurisdictions on effective coordination and management of post-earthquake safety assessment processes. Priority Recommendation 3.3: Develop guidance and training for local fire departments and building owners and operators on alternative procedures to safely turn off damaged sprinkler systems following earthquakes. Priority Recommendation 3.4: Evaluate and enhance, as needed, training and inspection materials for school districts and staff to seismically secure non-structural systems, equipment, contents and furnishings in public and private schools Priority Recommendation 4.1: Establish a State task force to consider the risks posed to the state by the large proportion of uninsured residents and businesses in high-seismic hazard areas, and identify options for improving the take-up, affordability, and terms of earthquake insurance coverage for California residents and businesses, as well as alternative earthquake recovery funding sources for both residents and businesses. Priority Recommendation 4.2: Evaluate and enhance, as needed, penalties and other consumer protections against post-disaster scamming by contractors and cost inflation. Priority Recommendation 5.1: Strengthen seismic performance standards and contingency planning for all State and local correctional facilities Priority Recommendation 5.2: Review and revise, as needed, State regulations guiding the transfer and housing of inmates in county jails during times of emergency.*	*Ongoing Capability*
Action 2018-017 - Earthquake Zones of Required Investigation: Ensure efficient, accurate, and reliable completion of the statewide Seismic Hazard Mapping Program	
Comment: Since 2018, CGS has released nine official Seismic Hazard Zone maps (liquefaction and earthquake-induced landslides) and five new and revised Alquist Priolo Earthquake Fault Zone maps. Additional maps are planned for release in 2023 and beyond. The mapping is resource and data intensive and will likely take over a decade to complete given resources available.	*Ongoing Capability*

Action 2018-019 - Uniform California Earthquake Rupture Forecast (UCERF): Revise California earthquake probabilities; Prepare updated shaking hazard map of California.	
Comment: Working with the U.S. Geological Survey, CGS provides support for updates to UCERF and the U.S. Geological Survey National Seismic Hazard Model (NSHM). The next NSHM update is scheduled for release in 2023.	*In Progress*
Action 2018-020 - HAZUS Earthquake Loss Estimates: Update statewide annualized losses	
Comment: The previous work and existing annualized losses are still appropriate for use going forward. There are currently no plans to update the existing annualized losses referenced in the 2018 SHMP.	*Ongoing Capability*
Action 2018-021 - California Earthquake Early Warning System CEEWS) See Napa Earthquake Case Study: Rapidly detect the occurrence of an earthquake, estimate the level of ground shaking, and issue a warning before significant ground shaking begins.	
Comment: California's state-wide EEW Program began in 2013 with SB 135 (Chapter 342, Statutes of 2013), which requires the California Governor's Office of Emergency Services (Cal OES) to implement a comprehensive EEW system in California in collaboration with other stakeholders. Since that time, Cal OES has built numerous partnerships, including with the California Institute of Technology (Caltech), the California Geological Survey (CGS), the University of California (UC), the United States Geological Survey (USGS), and the Alfred E. Alquist Seismic Safety Commission. *Cal OES has worked with these and other partners to build out a network of seismic stations, which is now 100% funded and nearly 80% completed; researched and built multiple pathways to distribute EEW alerts, including the MyShake alerting app that has been downloaded over 1.9 million times; and conducted outreach and education campaigns to recruit system users and train them in how to react to an EEW alert. The future for the program includes the continued promotion of earthquake preparedness, maintenance and innovation of EEW system operations, and creating a safer California by implementing and integrating the CEEW System statewide in key industries and critical sectors to enhance and strengthen community resiliency through the adoption of automated actions and responses.*	*Ongoing Capability*
Action 2018-022 - Delta Liquefaction Hazard: Map liquefaction hazard of native geologic materials in the Sacramento-San Joaquin Delta region	
Comment: Completed for Contra Costa County. In 2021, CGS completed Seismic Hazard Zone maps (including liquefaction) for Contra Costa County, funded by CGS Seismic Hazards Mapping Act funding. Areas of the Delta outside of Contra Costa County will be evaluated at a future, to be determined, date. Note: DWR may be working on this effort for other parts of the delta.	*Completed*
Action 2018-023 - LIDAR Fault Mapping: Examine the utility of high- resolution LIDAR topographic data for mapping active faults	
Comment: Lidar is being used extensively in the mapping of active faults in California. A map of fault ruptures from the 2019 Ridgecrest earthquake sequence will be released in 2023. CGS anticipates lidar will be utilized for nearly all planned fault mapping.	*In Progress*
Action 2018-024 - Remote Sensing Fault Mapping: Examine the utility of airborne hyper-spectral remote-sensing imagery for mapping active faults	
Comment: Completed in 2018. CGS evaluated the use of hyperspectral imagery in updating the Earthquake Fault Zone Map of the Mescal Creek area along the San Andreas fault. Funded using internal CGS funds.	*Completed*

Action Item from Previous Plan	Status
Action 2018-025 - California Vital Infrastructure Vulnerability Assessment: Develop and test a methodology for assessing the vulnerability of state-owned building stock to seismic and other hazards and determine minimum retrofit measures to protect occupants from harm and facilitate recovery	
Comment: The Cal VIVA Project had three phases, the last of which was wrapped up in 2013. This tool was shared with State agencies for their own use in assessing their vital infrastructure. Due to the sensitivity of the information being collected, it was agreed upon that each agency would store this information for their own use, so there is not a centralized database for this information. This project was a phased project that was funded by both federal National Earthquake Hazards Reduction Program (NEHRP) and HMGP funds and was completed and closed out in 2013 with a final report. There has been no additional follow up on the project and the tool at this point is very out of date and not in sync with current technologies and available information.	*Completed*
Action 2018-026 - State Building Retrofits: Identify and retrofit seismically deficient state-owned buildings.	
Comment: Due to current lead agency staff changeovers and the lack of an alternate agency willing to lead the initiative, this action has been removed.	*Discontinued*
Action 2018-027 - CSU Retrofits: Reduce unacceptable seismic risk of existing buildings and manage current construction programs to limit future seismic risk.	
Comment: The California State University System continues its vigorous program to reduce seismic risk to acceptable levels.	*Ongoing Capability*
Action 2018-028 - UC Retrofits: Conduct seismic review to identify and set priorities for hazard mitigation.	
Comment: Due to current lead agency staff changeovers and the lack of an alternate agency willing to lead the initiative, this action has been removed.	*Discontinued*
Action 2018-029 - Seismic Evaluation of Single Family Dwellings: Develop comprehensive guidelines for evaluating and seismically retrofitting single-family dwellings	
Comment: The first edition of the California Building Code (CBC) to establish standards for the retrofit of single-family dwellings with cripple walls less than 4 feet was adopted in 2010. Research is underway to establish standards for additional types of residential construction which may trigger revisions to further CBC updates. In 2012, FEMA produced P-50, Simplified Seismic Assessment of Detached Single-Family Wood Frame Dwellings, and P-50-1 Seismic Retrofit Guidelines. Since 2015, over 250 seismic inspection professionals have completed the training. In 2016, CEA developed a web-based application based on P-50. Ongoing: In 2019, FEMA produced P-1100, Vulnerability-Based Seismic Assessment and Retrofit of One- and Two-Family Dwellings. CEA is working closely with FEMA and the International Code Council (ICC) to adopt the guidelines as industry standards, paving the way for adoption into California's building code. Additionally, by creating a uniform seismic-retrofit-design method for homeowners, contractors, and engineers, the new guidelines will help the CEA and others (1) establish and expand incentive programs to encourage seismic retrofits, such as that of the California Residential Mitigation Program, and (2) enhance CEA's ability to develop and provide suitable mitigation discounts for CEA-insured homeowners.	*Ongoing Capability*
Action 2018-030 - California Earthquake Authority (CEA) Grants: Provide financial support to homeowners to retrofit single family residences	
Comment: The Earthquake Brace + Bolt (EBB) Program was initiated in 2013. The EBB Program provides up to $3,000 per residential unit for seismic residential retrofitting. Since 2013, the program has issued grants to 17,313 homeowners. Beginning in 2022, the addition of supplemental grants provide income-eligible homeowners with additional funding for seismic retrofits, over and above the $3,000 grant. Funding has been collectively provided through the CEA Loss Mitigation Fund, the State of California and through FEMA HMGP grants. Please carryover Action to 2023 plan update.	*In Progress*

Action Item from Previous Plan	Status
Action 2018-031 - Non-Ductile Concrete Buildings: Implement retrofit programs for non-ductile concrete buildings subject to severe damage or collapse in an earthquake. Voluntary program to canvass cities and counties throughout the state to determine how many pre- 1976 non-ductile concrete buildings may exist within each jurisdiction.	
Comment: As of November 2022, 12,433 soft-story buildings have been identified. 95% have submitted plans within the 2-year compliance date, 83% have permits issued within the 3.5-year compliance date, and 67% have obtained certificates of compliance within the 7-year compliance date.	*Ongoing Capability*
Action 2018-032 - Unreinforced Masonry Buildings: Reduce the risk of life loss, injury, and collapse of unreinforced masonry buildings at the local level.	
Comment: In 1979, a law encouraged local governments to enact URM retrofit ordinances that allowed less strength and stiffness than for new construction (19160–65 H&S Code). The law also provided a 15-year grace period to prevent local governments from requiring additional retrofits within that timeframe (19166 H&S Code). A more comprehensive URM Law in 1986 (Ca.Gov 1986) required local governments in regions of high seismicity (old Zone 4) to inventory URM buildings, to establish a risk reduction program that, at minimum, notified owners, and to report information on retrofit progress to the state's Seismic Safety Commission. Reporting continued until 2006 when budget cuts eliminated the program. Local government was responsible to establish a risk reduction program and to report information on retrofit progress to SSC. The last report was in 2006.	*Discontinued*
Action 2018-033 - Mobile Homes: Adopt regulations to improve the structural and lateral stability of manufactured housing.	
Comment: Regulations became effective in April 2013 that apply the current California Residential Code structural standards to any alteration of a manufactured home built after 1958. The Manufactured Housing regulations can be found in California Code of Regulations, Title 25, Division I, Chapter 3, Subchapter 2, commencing with section 4000. These regulations establish minimum design and construction standards for all multifamily manufactured homes and mobile homes built before June 15, 1976, and commercial modular and special purpose commercial modulars to be sold, rented, or leased throughout the State. These regulations are preemptive over any local requirements. Manufactured homes constructed on or after June 15, 1967, are subject to federal laws and regulations. Alteration of existing manufactured homes bearing or required to bear a Housing and Urban Development (HUD) label; multifamily manufactured homes, and mobile homes built on or before June 15, 1976; commercial modulars and special purpose commercial modulars bearing or required to bear a Department insignia are subject exclusively to Department regulation, plan review, and inspection throughout the State regardless of their location.	*Ongoing Capability*
Action 2018-034 - Marine Oil Terminal Engineering and Maintenance Standards (MOTEMS): construction, inspection, maintenance, and repair of marine oil terminals piers, wharves and other waterfront facilities	
Comment: MOTEMS was updated in 2016. The MOTEMS Audit Manual was developed to assist marine oil terminal operators to comply with the revised standards.	*Completed*
Action 2018-035 - Highway Bridge Retrofits: Evaluate and seismically retrofit state highway bridges and overpasses to prevent collapse in major earthquakes.	
Comment: By 2022, 2,194 state bridges previously determined to need seismic retrofitting have been retrofitted for an estimated cost of $2.54 billion. The Division of Engineering Services, Offices of Earthquake Engineering Analysis and Research and Geotechnical Services, continually conduct periodic rescreening of state bridges to assess the structures for seismic vulnerabilities using the most current seismic criteria.	*Completed*

government, the private sector, and the public.	
Comment: The Great California ShakeOut is an on-going activity that occurs annually on the 3rd Thursday of October. This annual exercise is an opportunity to raise awareness of California's earthquake hazard and educate the public on protective actions, that when implemented, can reduce the potential for death and injuries during an earthquake. Federal, state, and local governments partner with schools, businesses, NPOs, neighborhoods, families, and individuals to encourage participation in the annual ShakeOut exercise, which has expanded throughout the world. In addition, aforementioned partners work in on-going collaboration to conduct outreach and education regarding mitigation measures that can be taken in advance of an earthquake to reduce risk.	*Ongoing Capability*
Action 2018-037 - Landslide Inventory Maps: Continue to map earthquake induced landslides through the Seismic Hazards Mapping Program	
Comment: The CGS continues to prepare basic landslide inventories and seismically induced landslide hazard zones throughout California, with a focus on populated (high risk) areas. Over the next decade as the CGS completes mapping in the high-risk regions, additional mapping work will be conducted in disadvantaged and socially vulnerable communities. The mapping is resource and data intensive and will likely take over a decade to complete given current resources available.	Ongoing Capability
Action 2018-038 - Post-Fire Runoff & Debris Flows: Develop regional modeling to assess potential effects of post-fire runoff. Develop an early warning system for post-fire flash floods and debris flows.	
Comment: The Department of Water Resources issued a report entitled the Assessment of Post-Fire Runoff Hazards for Pre-Fire Mitigation Planning – Southern California. Regional modeling of burn areas around the state is being conducted by state and federal agencies. USGS and NOAA have developed a demonstration early warning system for recently burned areas in Southern California.	*In Progress*
Action 2018-039 - Volcano Hazard Vulnerability Assessment	
Comment: In 2018, the U.S. Geological Survey, in cooperation with the California Governor's Office of Emergency Services and the California Geological Survey, published "California's Exposure to Volcanic Hazards (Scientific Investigations Report 2018-5159)". The report provides a broad perspective on the state's exposure to volcanic hazards by integrating volcanic hazard information with geospatial data on at-risk populations, infrastructure, and resources. This information is intended to prompt site- and sector-specific vulnerability analyses and preparation of hazard mitigation and response plans.	*Ongoing Capability*
Action 2018-040 - Flood Control System Deficiencies in Central Valley: Produce a Descriptive Document to inventory the facilities and operations associated with State and Federal flood control works, and a Flood Control System Status Report to assess the status of that inventory.	
Comment: Underway, updated every 5 years	*In Progress*
Action 2018-041 - Flood Risk Mapping: Adopt a schedule for mapping flood risk areas in the Central Valley and prepare/approve levee flood protection zone maps. Provide yearly notices to owners of property in a levee flood protection zone.	
Comment: DWR continually makes updates to the levee flood protection zone maps based on local input and improved data/tools. DWR continues to send out approximately 300,000 letters to property owners based on these maps. The letters promote flood risk awareness by encouraging property owners to purchase flood insurance and develop a plan on where to evacuate to in case of a flood.	*Ongoing Capability*

Action 2018-043 - Flood Legislation Planning Assistance: Provide planning assistance to local governments in implementing the five flood legislation bills passed in 2007.	
Comment: Two documents were prepared in 2007 to assist local governments in complying with legislated requirements: California Flood Legislation Summary and California Flood Legislation Companion Reference. The third document, Local Land Use Planning: Handbook for Communities Implementing Flood Legislation – October 2010 describes legislation requirements affecting city and county local planning responsibilities.	*Completed*
Action 2018-044 - Flood Management: FloodSAFE California, launched in 2006 is a multi- faceted program to improve public safety through integrated flood management.	
Comment: The FloodSAFE Strategic Plan: Public Draft was released in May 2008. It contains twelve Foundational Objectives with target dates for completion extending to 2025.	*Completed*
Action 2018-045 - California's Flood Future: Assess statewide exposure to flood risk, identify, and address the barriers to improved flood management.	
Comment: California's Flood Future: Recommendations for Managing the State's Flood Risk was developed by DWR in partnership with the U.S. Army Corps of Engineers as a companion plan to the 2013 California Water Plan Update. The document concludes with 7 recommendations for state and federal assistance to reduce the risk and consequences of flooding. DWR is developing a companion report Investing in California's Flood Future: An Outcome-Driven Approach to Flood Management, to guide future capital flood management and risk reduction projects.	*In Progress*
Action 2018-046 - Flood Management System Planning and Programs: Improve flood management across the state.	
Comment: California's Flood Management System includes 5 integrated program areas: Flood Management Planning; Floodplain Risk Management; Flood Risk Reduction Projects; Flood System Operations and Maintenance; and Flood Emergency Response.	*Ongoing Capability*
Action 2018-047 - Central Valley Flood Protection Plan (CVFPP): Update and implement recommendations and planning requirements outlined in the CVFPP.	
Comment: The CVFPP is California's strategic blueprint to improve flood risk management in the Central Valley. The first plan was adopted in 2012. The updates to the plan are adopted every 5 years. The 2022 update is on cycle and will be adopted in October 2022.	*Ongoing Capability*
Action 2018-048 - California Water Plans: Ensure reliable water supplies and foundational actions for sustainable water use in California.	
Comment: The 2023 update of the California Water Plan will identify specific outcomes and metrics to track performance, prioritize near-term State actions and investments, recommend financing methods having more stable revenues, and inform water deliberations and decisions as they unfold.	*Ongoing Capability*

Action Item from Previous Plan	Status
Action 2018-049 - NFIP Compliance: Work with local floodplain managers to promote participation in and ensure compliance with the NFIP to update community's FIRM	
Comment: This action will be the responsibility of DWR in the 2023 plan. *As of October 2022, 99% (528) CA communities currently participate in the NFIP.* *DWR worked with the CA Building Commission and FEMA and developed CA Building Code-Coordinated Floodplain Management Model Ordinances to help CA communities adopt local regulations that are written to work with the flood provisions of the CA Building Standards Code (CCR Title 24) for buildings and structures in special flood hazard areas.* *DWR coordinates with FEMA and conducts Community Assistance Visits (CAV) and Community Assistance Contacts (CAC). A CAV consists of reviewing floodplain management ordinances, a tour of the floodplain, reviewing permit processes, reviewing as-builts and elevation certificates to ensure compliance with the NFIP, and meetings with the local appointed and elected officials. DWR works with communities to help bring their program into compliance with NFIP and CA requirements. DWR also provides NFIP training and NFIP technical assistance on the flood zones and the base flood elevation determinations, mapping, elevation certificates, flood insurance, the Community Rating System, CA Building Standards, and the CA Floodplain Management Model Ordinance.* *DWR provides floodplain management information and updates through newsletters and emails to our CA Floodplain Management Administrators. DWR attends ASFPM and FMA conferences annually and provides NFIP trainings and presents NFIP and floodplain management related information.*	*Ongoing Capability*
Action 2018-050 - Sea-level Rise Guidance: Provide guidance on factors to consider in projecting sea- level rise, potential impacts, and adaptation strategies.	
Comment: In 2023, the Ocean Protection Council (OPC) will release the new update to Updated Sea-Level Rise Technical Guidance. The document synthesizes statewide sea-level rise science and projections, as well as applicable adaptation strategies for managers and practitioners. In 2018, the Ocean Protection Council (OPC) released the Sea-Level Rise Adaptation Guidance, based on the 2017 Rising Seas in California Update on Sea-Level Rise Science. This new update with include the most up-to-date total water level projections, flood days, and applicable adaptation guidance and strategies for practitioners and managers. This update occurs every 5 years and is already fully funded. The 2018 Coastal Plan Alignment Compass, hosted on the State Adaptation Clearinghouse, provides guidance and resources on integrating various local planning initiatives to mitigate sea level rise and coastal flooding. The Coastal Compass will be updated in 2023. OPR Climate Services staff support implementation of the State Sea Level Rise Action Plan, coordinated by the Ocean Protection Council, and support updates to OPC and Coastal Commission guidance documents on sea level rise.	*In Progress*

Action Item from Previous Plan	Status
Action 2018-051 - State Agency Adaptation Planning: Assess vulnerability of state assets to sea-level rise, changing weather patterns, extreme weather events, and develop adaptation strategies to address potential impacts.	
Comment: In 2019 the Climate Change Branch completed 12 District statewide vulnerability Assessments (Assessments). The Assessments included mapping of 6 major climate stressors; sea level rise, storm surge, coastal bluff erosion, and changes in temperature and precipitation. To advance adaptation and resiliency efforts, the Climate Change Brach developed District Climate change Adaptation reports based on the Vulnerability Assessments. The Climate Change Branch has been in close coordination with all 12 Districts to prioritize adaptation projects in coordination with asset management and project delivery. Currently an update to the 2019 vulnerability assessments is in progress. Caltrans has moved the Office of Vegetation and Wildfire Management into the new sub-division of Emergency Operations and Vegetation Management which with the Major Damage and Restoration Branch under the Office of Emergency Management will work with the Office of Air Quality and Climate Change to build a more resilient transportation system to address the state's environmental and technological hazards.	*Ongoing Capability*
Action 2018-052 - San Francisco Bay Conservation and Development District (BCDC) Climate Change Planning Program: Provide scientific information and planning resources to Bay Area local jurisdictions.	
Comment: BCDC launched ART Portfolio, a place to find planning guidance, tools, and information that have been developed, tested, and refined by the Adapting to Rising Tides Program to address the specific challenges of climate change. BCDC continues to partner with local, state, and federal agencies to develop and disseminate sea-level rise information and planning tools.	*Ongoing Capability*
Action 2018-053 - Local Climate Adaptation Planning: Support sea-level rise adaptation planning by local jurisdictions.	
Comment: In October 2016, the Department of Water Resources (DWR) published a document entitled National Flood Insurance Program in California Quick Guide Coastal Appendix: Planning for Sea-level Rise. The document supports floodplain managers in addressing potential sea-level rise impacts for their communities. The Local Coastal Program/Local Assistance Grant Program provides funds to support local governments in completing or updating their Local Coastal Programs (LCPs). *The program has awarded 45 grants since its inception in FY 2013/14. The Coastal Flood Risk Reduction Program awarded 5 grants totaling $23.9 Million in July of 2021.*	*Completed*
Action 2018-054 - Reducing Tsunami Hazards and Risks: Support and provide matching funds for development of improved technologies and methodology to assess tsunami risk	
Comment: Working with partners such as Cal OES, CGS continues to support the development of improved models and products for tsunami mitigation. Products include Tsunami Hazard Area maps for evacuation planning and maritime tsunami response plans. In progress are Tsunami Hazard Zone and Tsunami Hazard Engineering Subzone maps. These maps, as well as guidance documents for implementing requirements of the Seismic Hazards Mapping Act (SHMA), will be released once the SHMA regulations are adopted by the State Mining and Geology Board (anticipated 2023). Funded by FEMA, Cal OES, and CGS.	Ongoing Capability
Action 2018-055 - Understanding Tsunami Probability: Improve the understanding of tsunami hazards in California through coordinated research.	
Comment: The State Tsunami Program has completed a set of PTHA maps representing risk levels from 100-year to 3000-year average return periods (ARP). Analyses using these probabilistically based products allow for a more common platform for comparison to other seismic and flood probabilistic analyses. CGS continues to support the development of models for distant and locally generated tsunamis, funded through FEMA.	*Ongoing Capability*

Action 2018-057 - Tsunami Building Codes: Address tsunami loads and develop design standards for critical and essential facilities	
Comment: The American Society of Civil Engineers (ASCE) Subcommittee 7-16 on Tsunami Loads and Effects has completed analysis and design standards and Tsunami Design Zones that have been adopted by the California Building Code (CBC); an update of the standards and Zones have been completed by ASCE 7-22 and will be likely adopted into the CBC with the year. These standards apply to essential and critical facilities/structures and address structural response to tsunami wave loading, tsunami wave-loading forces for design purposes, non-structural element response to wave loading, and dynamic effects of tsunami wave travel throughout a built environment. These tsunami design load standards have been adopted during the building code cycle (2019) and will be applied to critical and essential buildings (Risk Category 4 and 3). They may also apply to some other high- occupancy structures (Risk Category 2).	*Completed*
Action 2018-058 - Levee Evaluation and Repair: Evaluate and upgrade aging and deteriorating levees along the Sacramento and San Joaquin River Valleys and Delta. Funding is provided through Propositions 84 and 1E.	
Comment: To date, nearly 250 levee repair sites have been identified with repairs to more than 100 critical sites completed. DWRs Levee Evaluation Program includes the Urban Levee Geotechnical Evaluations (ULE) Project and the Non-Urban Levee Evaluations (NULE) Project. The Urban/Non-Urban Levee Evaluations Cost Analysis Tool helps flood managers develop accurate estimates for levee repair.	*Completed*
Action 2018-059 - Delta Levees Program: Provide funding to local agencies in the Sacramento- San Joaquin for levee maintenance and improvement and for habitat mitigation and enhancement.	
Comment: The Delta Levees Program addresses approximately 1100 miles of levees and supports the efforts with local agencies in the Delta.	*Ongoing Capability*
Action 2018-060 - Local Levee Assistance: Provide funding to local agencies outside the Sacramento-San Joaquin Delta	
Comment: DWR established this program to assist local agencies with flood risks throughout the state.	*Completed*
Action 2018-061 - Cascading Hazards Evaluation: Review and evaluate earthquakes and high water as hazards to Delta levees.	
Comment: In July 2016 the Delta Independent Science Board convened a workshop. The potential for liquefaction due to earthquakes and potentially higher water levels due to climate change were identified as primary issues.	*Completed*

Action 2018-063 - Emergency Action Plans (EAPs): Create EAPs based on updated inundation maps for dams having high or extremely high hazard ratings.	
Comment: 847 dams are required to submit EAPs to Cal OES. As of September 22, 2022, 713 EAPs have been submitted to Cal OES with an approved Inundation Map. 301 EAPs have been approved.	*In Progress*
Action 2018-064 - Legislation for Local Wildfire Hazard Planning: Incorporate wildfire hazards into development and land use planning as stated in California Government Code 65302.g.3 66474.02. and CEQA.	
Comment: SB 1241, passed in 2012 requires wildfire updates to general plans, mandatory findings for subdivision approvals in SRA's and VHFHSZs, and CEQA checklist updates for wildfire safety. In response to Senate Bill 901 (Dodd, 2018) and Assembly Bill 2911 (Friedman, 2018), OPR updated its Fire Hazard Planning Technical Advisory to include "specific land-use strategies that reduce fire risk to buildings, infrastructure, and communities". The update also helps communities conduct outreach and engagement activities to promote more robust and collaborative wildfire solutions, conduct comprehensive wildfire hazard and risk assessments, align and integrate these assessments across a variety of plans, and develop general plan policies and programs that reduce risk for existing and future communities. OPR released a Public Draft of the updated Technical Advisory in November 2020. The final version, released in August 2022, includes revisions in response to stakeholder feedback along with other minor edits. OPR will continue to update this document no less than once every eight years.	*Ongoing Capability*
Action 2018-065 - Fire Hazard Severity Zones: Map areas of significant fire hazards based on fuels, terrain, weather, and other relevant factors to define the application of various mitigation strategies to reduce risk in accordance with Public Resource Code 4203 (a) and Government Code 51178.	
Comment: CAL FIRE is currently in the review and adoption process for State Responsibility Areas (SRA) to be completed in early 2023. CAL FIRE will transmit recommendations to Local Jurisdictions for local adoption in early in 2023	*In Progress*

Action 2018-067 - Forest and Range Assessment: Identify and evaluate wildland fire hazards and the associated values and assets at risk. Facilitate the sharing of all analyses and data collections across all ownerships for consistency in type and kind.	
Comment: Forest and Range Assessment Report was completed on 2017/2018. An update to the report is currently being developed and expected to be completed by December of 2023. The report meets both a State and Federal Mandate to assess status and trend of forest resources.	*Completed*
Action 2018-068 - FireSafe Councils: Increase awareness, knowledge and actions implemented by individuals and communities to reduce human loss and property damage from wildland fires, such as defensible space, fire prevention and fire safe building standards.	
Comment: Since 2021 CAL FIRE has partnered with the California Fire Safe Council (CFSC) by providing direct award funding for two important endeavors, defensible space and county coordinators. The CFSC uses the money to provide defensible space work around individual homes. They also fund a single position in counties across the state to ensure communication across stakeholders to ensure funding opportunities are not missed and work is being conducted in a strategic manor. In California the Firewise USA Program has grown and currently leads the nation with over 550 active Firewise communities as of 2022. The next closest state is Oregon with just over 250 active communities. The growth of communities is due to two main reasons; homeowners taking an active role to protect their families, homes and communities from wildfire, while also seeking insurance premium discounts from their insurance carriers, if offered. The growth trend is expected to continue upward as the intensity and frequency of wildfires continue throughout the state along with homeowners seeking to insure their homes which is generally their largest financial asset.	*Ongoing Capability*
Action 2018-069 - Post-Fire Assessment: Address post-fire responsibilities for natural resource recovery including watershed protection, reforestation, and ecosystem restoration	
Comment: The Recovery Support Functions (RSFs) were established by Cal OES late 2018/early 2019. This mitigation action ties to a goal outlined in the Strategic Fire Plan that was undertaken by the Board of Forestry and Fire Protection in 2016. Related progress from Governor's Executive Order S-07-08 (2008) supporting post-fire assessment services via state emergency assessment teams in coordination with the federal BAER teams include: the 2018 Strategic Fire Plan update; the establishment of the CA Wildfire and Forest Resilience Task Force and the Wildfire and Forest Resilience Action Plan; the CA Silver Jackets After Wildfire: A Guide for California Communities; the Flood After Fire California Toolkit: A Resource for Technical Specialists to Assess Flood and Debris Flow Risk After a Wildfire; and ongoing work by the Office of Planning and Research including the Fire Hazard Planning Technical Advisory and the WUI Planning Guidance.	*Ongoing Capability*
Action 2018-070 - Community Wildfire Protection Plans (CWPP): Identify hazardous fuel reduction treatment priorities, recommend measures to reduce structural ignitability and address issues such as wildfire response, hazard mitigation, community preparedness and structure protection.	
Comment: CWPPs are produced in collaboration with public fire agencies and affected non-governmental interests (especially local community residents).	*Ongoing Capability*

Action Item from Previous Plan	Status
Action 2018-071 - Initiatives and Technology: Mitigating the spread of invasive pests	
Comment: The California Firewood Task Force has focused on promoting the Buy It Where You Burn It campaign since 2011 to increase public awareness about invasive tree pests being transported via long distance firewood movement. "Buy It Where You Burn It – Don't Move Firewood" outreach efforts partnering with several county, state, and federal agencies. Additionally, the Invasive Species Council of California and related California Invasive Species Advisory Committee continues to educate the public about invasive species and their impacts to our agriculture, natural resources, and unique biodiversity. Finally, our "Don't Pack a Pest" outreach effort is targeting the international traveler urging them to declare their agricultural items, "Don't Pack a Pest when traveling or mailing packages".	*Ongoing Capability*
Action 2018-072 - Air Quality/Pollution Monitoring: CalEnviroScreen	
Comment: The Office of Environmental Health Hazards Assessment (OEHHA) developed and maintains the CalEnviroScreen mapping tool to help identify California communities disproportionately impacted by sources of pollution. The California Environmental Health Tracking Program, along with academic partners, initiated a community-based effort to place air monitoring equipment to identify pollution "hot spots"	*Ongoing Capability*
Action 2018-073 - Air Pollution Planning: Incorporate Environmental Justice into General Plans	
Comment: Government Code 65302(h) requires, as of 2018, all jurisdictions with a disadvantaged community to include an Environmental Justice element in their next General Plan update or update of two elements concurrently. In 2020, OPR published a General Plan Guidelines Technical Advisory on the Environmental Justice element.	*Ongoing Capability*
Action 2018-074 - Marine Invasive Species Act: Reduce the introduction of invasive species transported through vessel ballast water	
Comment: Vessels arriving in California ports are required to submit a Ballast Water Management Report. Additionally, regulations to manage biofouling were implemented in 2017.	*Ongoing Capability*
Action 2018-075 - State Water Efficiency and Enhancement Program (SWEEP): Reduce agricultural water usage through installation of more efficient irrigation practices.	
Comment: SWEEP, a competitive grant program, was initiated in 2014. CDFA has selected 1,130 projects to be awarded, covering over 168,000 acres. $123 million has been awarded to date (2022), with more than $70 million in matching funds contributed by awardees.	*Ongoing Capability*
Action 2018-076 - Water Supply: Improve potable water supply to areas dependent on well water	
Comment: A partnership of state and local agencies, working to help homeowners affected by California's multi-year drought, finished connecting 755 homes to a safe, reliable, permanent water supply. All households participating in the East Porterville Water Supply Project have now been connected to the City of Porterville's municipal water system. Hundreds of residential wells in the small, unincorporated community of East Porterville in Tulare County became dry or contaminated during California's recent five-year drought. Homes without access to safe potable water received deliveries of tanked water and bottled water. In response to the 2012-2016 drought, East Porterville, a socially vulnerable community, was connected to a permanent source of potable water, eliminating its reliance on groundwater supplies in future droughts.	*Completed*
Action 2018-077 - Groundwater Management Plan: Strengthen local control and management of groundwater basins.	
Comment: The Sustainable Groundwater Management Act was passed into law in September 2014. It requires local jurisdictions with medium and high priority basins to develop Groundwater Sustainability Plans within 20 years.	*Ongoing Capability*

Action 2018-079 - California Drought Contingency Plan: Minimize drought impacts by improving agency coordination and enhancing monitoring and early warning capabilities.	
Comment: The Drought Contingency Plan was updated in 2021. It builds on strategies and actions contained in the 2016 Plan.	*Ongoing Capability*
Action 2018-080 - California Water Plan: Develop a comprehensive approach to addressing drought hazard mitigation over the long-term to serve as the state's blueprint for integrated water management and sustainability.	
Comment: The California Water Plan is updated every five years and work is in progress for the 2023 update.	*Ongoing Capability*
Action 2018-081 - Safe Drinking Water Plan for California: Assess the overall quality of the state's drinking water, identify problems, and recommend improvements.	
Comment: The Safe Drinking Water Plan for California was updated in 2020. Throughout the 2020 Plan there is an emphasis on equity and the human right to water, sustainability, emergency preparedness and actions that water systems and the State Water Resources Control Board (State Water Board) can take to help provide safe drinking water. Central to these themes is the reality that safe, clean, and affordable water is essential for healthy communities.	*Ongoing Capability*
Action 2018-082 - Existing Buildings Energy Efficiency Action Plan: Double the energy efficiency savings of existing buildings by 2030	
Comment: The California Energy Commission (CEC) adopted the first version of the Existing Buildings Energy Efficiency Plan in 2015, and the first update in 2016, in response to SB 350. Additional activity can be found at https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency.	*Ongoing Capability*
Action 2018-083 - Regional Energy-Savings Efforts: Implement effective energy saving programs on a regional basis.	
Comment: The Bay Area Regional Energy Network (BAYREN), covers nine counties in the San Francisco Bay Area representing 20% of the state population. BAYREN provides planning, technical, and financial assistance funded through the Public Utilities Commission.	*In Progress*
Action 2018-084 - Solar and Energy Storage for Resiliency: Integrate solar and energy storage into response planning. Secure solar energy as a viable energy backup tool for use in the event of an emergency.	
Comment: San Francisco's Solar Resilient initiative goal is to create a roadmap for using solar energy as a viable tool for energy security in the event of an emergency. The objective is to integrate solar energy and energy storage into the City's Emergency Response Plans. There has been some work done in the neighborhoods related to solar energy for use during an emergency but due to staff turnover and then to the C19 response we do not have good coordination as to what programs are useful to incorporate into City emergency response plans. We would like to keep "San Francisco's Solar Resilient initiative goal is to create a roadmap for securing solar energy as a viable energy backup tool for use in the event of an emergency" (slightly reworded) but until we know what that roadmap is we prefer not to indicate that the objective is to integrate this into the emergency plans. That would be a natural occurrence if we do develop this initiative. The initiative itself must come first and is likely based on having available funding.	*No Progress*

Action Item from Previous Plan	Status
Action 2018-085 - California Solar Initiative: Reduce the cost of solar generating equipment to reduce use of fossil fuels for power generation.	
Comment: CSI program closed. By the end of 2021, approximately 11,106 MW of customer-sited solar projects had been installed at over 1.26 million locations within the service territories of the state's three major investor-owned utilities (IOU). This total, which is almost five times the CSI program goal, includes 30.6 MW of capacity under the SASH program and 57.2 MW of capacity under the MASH program. The market for solar generating equipment in California grew at a rapid pace from the beginning of the CSI program and has continued to grow since the program and all of its sub-program elements closed in 2021.	*Discontinued*
Action 2018-086 - Clean Energy: Progress Tracking. The California Energy Commission's tracking progress reports provide a comprehensive assessment of California's progress toward a global clean energy future. The reports cover a range of sectors, providing information, metrics, and resources.	
Comment: The California Energy Commission tracks progress California is making in meeting its clean energy goals. Examples of indicators tracked include: energy efficiency, statewide energy demand, zero-emission vehicles, reliance on coal, renewable energy, and once-through cooling. Additional information can be found at https://www.energy.ca.gov/data-reports/tracking-progress.	*Ongoing Capability*
Action 2018-087 - CALEAP: California Local Energy Assurance Planning. CALEAP was funded through 2013. EAP was completed in 2014.	
Comment: Energy assurance planning has been incorporated into other California Energy Commission initiatives, such as EPIC.	*Completed*
Action 2018-088 - Clean Energy Jobs Act: Improve energy efficiency in K-12 schools	
Comment: Proposition 39 was approved by California voters in November 2012. From December 2013 through December 2016, a total of 869 projects using $282 million in Proposition 39 funds had been completed or were under construction. Funding for this program is no longer available as the program has ended; projects are in the construction and reporting phase. Interested parties are encouraged to SUBSCRIBE to the list serve to receive information on future programs as they may become available. Additional information at https://www.energy.ca.gov/programs-and-topics/programs/california-clean-energy-jobs-act-proposition-39-k-12-program	*Ongoing Capability*
Action 2018-089 - Mosquito Borne Diseases: Surveillance and control of mosquito borne diseases	
Comment: The California Mosquito-Borne Virus Surveillance and Response Plan was update in June 2022. Published the 2017 annual update of the California Mosquito-Borne Virus Surveillance and Response Plan to enhance the state's capability to track and control a number of mosquito-borne diseases.	*Completed*
Action 2018-090 - Extreme Heat Vulnerability: Identify areas of the state most vulnerable to climate impacts.	
Comment: The California Heat Assessment Tool (CHAT) was funded by the California Natural Resources Agency as part of the state's Fourth Climate Change Assessment. Four Twenty Seven, in partnership with Argos Analytics, Habitat Seven, and the Public Health Institute (PHI) developed this tool for local and state health practitioners to better understand dimensions of heat vulnerability driven by climate changes and where action can be taken to mitigate the public health impacts of extreme heat in the future. CHAT allows users to explore and understand how extreme heat will impact specific communities across the state. This tool was built for planners, policymakers, public health practitioners and community members who are committed to mitigating the public health impacts of heat in their communities.	*Ongoing Capability*
Action 2018-091 - Extreme Heat Vulnerability: Identify vulnerable populations	
Comment: The Climate Change and Health Equity Program continue to engage stakeholders and will be providing updates during the grant period. The CalBRACE extreme heat indicator describes certain populations that may have greater difficulty preparing for extreme heat.	*In Progress*

Action Item from Previous Plan	Status
Action 2018-092 - Planning for Extreme Heat Emergencies: Prepare at the local and state level to respond to	
Comment: The Extreme Temperature Response Plan 2022 was published to the Cal OES website in May 2022 by Planning & Preparedness Branch. The plan describes the hazard and risk the State of California faces regarding extreme heat and cold/freeze, lists assumptions regarding impacts and response, describes state agency/department roles and responsibilities, and outlines actions to be taken by state agencies/departments during three defined phases of extreme temperature ranging from seasonal preparedness to imminent with severe impacts expected. In response to the 2022 September Heat Wave Event, information was added on the California Independent System Operator (CA ISO) Energy Emergency Alerts and updates included from the Office of Access and Functional Needs (OAFN) regarding terminology and accessible transportation considerations, and the updated version of the plan was published to the Cal OES website for local and state partners to use during the heat event.	*Completed*
Action 2018-093 - Climate Change and Extreme Heat: Reduce health risks associated with increased temperatures due to climate change	
Comment: Released in 2017, the Heat Committee of the Climate Action Team's Public Health Work Group developed "Preparing for Extreme Heat in California: Guidance and Recommendations".	*Completed*
Action 2018-094 - Heat Research: Quantify the extent and severity of an urban heat island in California	
Comment: This project being undertaken jointly by the Governor's Office of Planning & Research and Cal EPA is to develop a method to quantify the average temperature increase in California communities due to the Urban Heat Island Effect.	*Completed*
Action 2018-095 - Tree Mortality Assessment: Reduce the risk to the public and infrastructure by identifying and removing dead and dying trees.	
Comment: The Governor established the interagency Tree Mortality Task Force in October 2015 to address public safety hazards associated with the state's epidemic tree mortality. The Task Force Action Plan identified 10 high hazard zones where tree mortality coincides with critical infrastructure. Caltrans is working with landowners to perform tree removal work.	*Completed*
Action 2018-096 - Tree Mortality Grant Program: Remove dead and dying trees that pose a threat to public safety and reduce wildfire threat.	
Comment: CAL FIRE awarded over $15 million for 2016 and 2017 under the State Responsibility Area Fire Prevention Program and the Tree Mortality Grant Program.	*Completed*

Action Item from Previous Plan	Status
Action 2018-097 - Refinery Safety: Improve public and worker safety through enhanced oversight of refineries and strengthen emergency preparedness	
Comment: The California Accidental Release Prevention (CalARP) Program 4 regulations, specifically for regulating refineries, were adopted and became effective on October 1, 2017, after extensive pre-regulatory input including refinery representatives, labor unions, refineries leadership, non-governmental organizations, academic experts, federal, state, local agencies, and the public. The Program 4 requirements expanded prevention program requirements for enhanced safety. Refineries are now required to submit investigation reports, including root cause analysis after any major incident. Major incident is defined as an event within or affecting a process that causes a fire, explosion or release of a highly hazardous material, and has the potential to result in death or serious physical harm, or results in an officially declared public shelter-in-place, or evacuation order. Program 4 also requires annual process safety performance indicators to be submitted. In the last five years, the following work has been done to improve public and worker safety through enhanced oversight of refineries and to strengthen emergency preparedness: *Completed: Implementation of the Program 4 regulations. The Local Certified Unified Program Agencies (CUPAs) have been implementing the Program 4 regulations through inspection and facility oversight. Refinery Risk Management Plans (RMPs) have been updated to meet the new, enhanced safety requirements (as per Program 4 requires).* *Completed: The state authority and oversight for the entire CalARP program, including refinery oversight in Program 4, was transferred from the California Office of Emergency Services (Cal OES) to the California Environmental Protection Agency (CalEPA) in July 2021. This transfer of state authority and oversight better aligns the regulatory process and enhances the state's ability to ensure compliance with the laws and regulations. Completed and Ongoing Capability: CalEPA facilitates the Interagency Refinery Task Force (IRTF) which includes membership from ten state agencies, U.S. EPA, and local agencies from areas of the state that contain refineries. The IRTF works collaboratively to achieve the highest possible level of safety for refinery workers and local communities and prepare for and effectively respond to emergencies if they occur. The IRTF meets at least 2 times per year to discuss refinery inspection, compliance, and enforcement. The IRTF also discusses other issues pertinent to refinery safety. In 2022, the IRTF met 4 times (2 times more than required) and included presentations on the process to convert refineries from petroleum to renewable fuels and safer alternatives for processes utilized (including alternatives to Hydrofluoric Alkylation processes).* *Completed: Report on the Conversion of Petroleum Refineries to Renewable Fuels: CalEPA and the IRTF have researched and completed a report on the conversion of petroleum refineries to renewable fuels. This report analyzed the current process of conversion and made suggestions on how to improve the process, while keeping with stringent environmental, public and worker safety requirements. The report created more transparency for the public and more collaborative oversight by local, state, and federal agencies.* *In Progress: Members of the IRTF, including state and local agencies, have developed a CalARP Guidance document (including Program 4 – Refineries) to aid local agencies and the regulated communities in achieving compliance. The document has been completed and is currently under review. It has been slated to finalized and sent out by early 2023. Primary Contact: John Elkins – Program Manager for Emergency Response, Refinery Safety, CalARP, & HMBP John.elkins@calepa.ca.gov Secondary Contact: Jason Boetzer – Assistant Secretary for Local Program Coordination and Emergency Management Jason.boetzer@calepa.ca.gov*	*Ongoing Capability*

Action Item from Previous Plan	Status
Action 2018-098 - Oil Spill Planning: Prevent and mitigate the effects of oil spills impacting both land and water environments.	
Comment: The most recent version of the State Oil Spill Contingency Plan was released in 2017. The 2015-2020 Strategic Plan requires the State Lands Commission develop regulatory requirements to identify systemic risks at marine oil terminals. CDFW continuously enforces industry oil spill contingency planning and drills/exercises requirements, and updates staff qualifications for incident command systems (ICS) positions. CDFW has also undertakes various oil spill prevention activities, including vessel risk assessment, boardings, and participation in Harbor Safety Committees (designed to plan for the safe navigation and operation of tank ships, tank barges and other vessels within California's five major harbors). CDFW also pursues various oil spill prevention activities.	*Ongoing Capability*
Action 2018-099 - Gas Pipeline Safety: Improve gas pipeline safety practices	
PG&E continues to utilize its control center. It continues to submit an annual Gas Safety Plan.	*Completed*
Action 2018-100 - Rail Safety: Examine rail safety concerns related to the transport of crude oil.	
Comment: The CPUC's Rail Safety Division (RSD) has 43 Federal Railroad Administration (FRA) certified full-time inspectors. Of these, eight are Hazmat certified inspectors. Their work involves inspection of crude oil unit trains and all commodities entering, being transported through or out of California. They inspect incoming containers at the major ports, in conjunction with the U.S. Coast Guard and FRA, and inspect all hazmat shipping facilities, and random rail cars in trains and rail yards throughout California. RSD has a Crude Oil Reconnaissance Team (CORT) that started in 2014. The CORT inspects all crude oil unit trains coming into and departing from California. These inspectors are spread throughout the state. Inspectors not on this team contact CORT members when they see new trains coming into the state during their other routine inspections and accident investigations. This coordinated effort keeps the CPUC apprised of all crude oil and LPG unit trains being transported by rail through the state. Annual Railroad Safety Reports to the California State Legislature and monthly activities for all three branches of RSD are online for public review on the CPUC's website.	*Ongoing Capability*
Action 2018-101 - State Regulation of Well Stimulation: Regulate well stimulation procedures and identify/limit impacts.	
Comment: An Executive Order was issued by Governor Newsom on April 23, 2021, to phase out well stimulation regulation by January 1, 2024. The action halts issuance of fracking permits.	*Discontinued*

Action Item from Previous Plan	Status
Action 2018-102 - Homeland Security Strategy: Reduce the impact of human-made disaster events through a coordinated effort of capacity-building for state and local agencies.	
Comment: The Homeland Security Grant Program (HSGP) is an ongoing capability comprised of three sub-programs [State Homeland Security Program (SHSP), Urban Area Security Initiative (UASI), and Operation Stonegarden (OPSG) and is intended to support investments that improve the ability of jurisdictions nationwide in the prevention, protection, mitigation, response, and recovery from acts of terrorism. Each sub-program has a particular jurisdictional focus, with SHSP providing a general focus throughout the state, and UASI concentrating on select major metropolitan urban areas throughout the nation. Both the SHSP and UASI programs require that at least 25% of grant funding is used for law enforcement terrorism prevention activities for grant years 2016-2021. Operation Stonegarden supports enhanced cooperation and coordination among Customs and Border Protection, United States Border Patrol, and Federal, state, local, tribal and territorial law enforcement agencies. OPSG's emphasis surrounds activities to secure the United States' borders along routes of ingress from international borders to include travel corridors in states bordering Mexico and Canada, and states with internal water borders. California has aligned its homeland security investment justifications to one or more of the goals and objectives in the 2021-2024 California State Homeland Security Strategy (Strategy). The goals and objectives contained within the Strategy provide a guide for prioritizing and developing statewide homeland security capabilities over a four-year period of performance. The alignment of Strategy goals/objectives with the homeland security grant program investment justifications ensures the State can track and link investments to Strategy goals and objectives efficiently and effectively throughout the planning and investment process. Major program activities include: *SHSP/UASI* *Cybersecurity* *Infrastructure Security Enhancements* *Vulnerability Reduction* *Interoperable Communications* *Personal Protective Equipment for First Responders* *Maintenance and Sustainment of CBRNE (Chemical, Biological, Nuclear, Radiological, Explosive) Capabilities* *Intelligence Analysis/Information Sharing at Fusion Centers* *Critical Training Needs to Fill Gaps in Core Capabilities* *Exercises to Test Core Capabilities* *Law Enforcement Terrorism Prevention Strategies (including ILO and TLO Programs)* *Operational Readiness Pertaining to Mass Casualty Incidents* *Enhancing Community Preparedness* *Combatting Domestic Violence Extremism* *OPSG* *The majority of funding covers Operational Overtime shifts that are worked by various Law Enforcement Agencies (LEAs) in support of border security activities* *Purchase of equipment in support of border security activities, such as marked patrol vehicles, covert patrol vehicles, GPS tracking systems, night-vision optics, forward-looking infrared (FLIR) systems, and License Plate Readers (LPRs).*	*Ongoing Capability*

Action Item from Previous Plan	Status
Action 2018-103 - Homeland Security Grant Programs: Prioritize and allocate federal funding resources to support California's Homeland Security Strategy.	
Comment: The Homeland Security Grant Program (HSGP) is an ongoing capability comprised of three sub-programs [State Homeland Security Program (SHSP), Urban Area Security Initiative (UASI), and Operation Stonegarden (OPSG) and is intended to support investments that improve the ability of jurisdictions nationwide in the prevention, protection, mitigation, response, and recovery from acts of terrorism. Each sub-program has a particular jurisdictional focus, with SHSP providing a general focus throughout the state, and UASI concentrating on select major metropolitan urban areas throughout the nation. Both the SHSP and UASI programs require that at least 25% of grant funding is used for law enforcement terrorism prevention activities for grant years 2016-2021. Operation Stonegarden supports enhanced cooperation and coordination among Customs and Border Protection, United States Border Patrol, and Federal, state, local, tribal and territorial law enforcement agencies. OPSG's emphasis surrounds activities to secure the United States' borders along routes of ingress from international borders to include travel corridors in states bordering Mexico and Canada, and states with internal water borders. California has aligned its homeland security investment justifications to one or more of the goals and objectives in the 2021-2024 California State Homeland Security Strategy (Strategy). The goals and objectives contained within the Strategy provide a guide for prioritizing and developing statewide homeland security capabilities over a four-year period of performance. The alignment of Strategy goals/objectives with the homeland security grant program investment justifications ensures the State can track and link investments to Strategy goals and objectives efficiently and effectively throughout the planning and investment process. Major program activities include: *SHSP/UASI* *Cybersecurity* *Infrastructure Security Enhancements* *Vulnerability Reduction* *Interoperable Communications* *Personal Protective Equipment for First Responders* *Maintenance and Sustainment of CBRNE (Chemical, Biological, Nuclear, Radiological, Explosive) Capabilities* *Intelligence Analysis/Information Sharing at Fusion Centers* *Critical Training Needs to Fill Gaps in Core Capabilities* *Exercises to Test Core Capabilities* *Law Enforcement Terrorism Prevention Strategies (including ILO and TLO Programs)* *Operational Readiness Pertaining to Mass Casualty Incidents* *Enhancing Community Preparedness* *Combatting Domestic Violence Extremism* *OPSG* *The majority of funding covers Operational Overtime shifts that are worked by various Law Enforcement Agencies (LEAs) in support of border security activities* *Purchase of equipment in support of border security activities, such as marked patrol vehicles, covert patrol vehicles, GPS tracking systems, night-vision optics, forward-looking infrared (FLIR) systems, and License Plate Readers (LPRs).*	*Ongoing Capability*
Action 2018-104 - Cyber Security Policy: Adopt a Program Management Framework (PMF) that protects highest value assets through a management and risk-based approach.	
Comment: PMF-Minimum Security Standards was completed in December 2019 and the Cal-Secure Multi-Year Strategy was completed in October 2021	*Completed*

Action Item from Previous Plan	Status
Action 2018-105 - Annual Vulnerability Assessments: Coordinate 35 vulnerability assessments each calendar year.	
Comment: AB 670, passed in 2015 requires CDT to coordinate independent security assessments of state agencies every two years. Assessments have been conducted on schedule each year. This action is ongoing due to the AB 670 statute.	*Ongoing Capability*
Action 2018-106 - Security Audit Program: Measure the effectiveness of security policies and guidelines.	
Comment: In 2016, the program was piloted in six state entities. The pilot program was completed in 2017, and the permanently expanded audit program was established in 2018 to do 52 audits each year.	*Ongoing Capability*
Action 2018-107 - State Emergency Plan: Establish cross-agency collaboration to address cyber security threats.	
Comment: The A-ESF 18 Cyber Security Annex was completed and approved in March 2020. The annex identifies Cal OES as the lead agency ("Coordinating Agency" is the new terminology) with the California Department of Technology, California Highway Patrol, California Military Department, and the California Department of Justice acting as primary agencies. The annex provides the purpose, mission, and goals of the cybersecurity emergency function and details how Cal OES communicates and coordinates with the primary agencies involved with the cybersecurity mission during all phases of emergency management. The annex also explains how the CA-ESF 18 stakeholders coordinate with the SOC and other CA-ESFs during a cybersecurity incident. The annex details the organizational structure of the California Cybersecurity Integration Center (Cal-CSIC) within Cal OES which oversees the management of cybersecurity incidents.	*Completed*
Action 2018-108 - Cyber Security Integration Center (CISC) & Task Force: Reduce the likelihood and severity of cyber incidents that could damage the economy, critical infrastructure, or public and private sector computer networks, through state agency coordination.	
Comment: To facilitate information sharing and development of expert advice, the Cyber Security Task Force is open to and includes cybersecurity professionals from local, state, and federal agencies, Tribal governments, utilities and other service providers, academic institutions, and nongovernmental organizations. Specific subcommittees of the Task Force have been called on to present information on specific topics and reports of their activities and findings at quarterly meetings. Certain subcommittees have provided specific advice regarding proposals in pending legislation to inform Cal OES opinion, fiscal analysis, and response to bill proposals. Section 8586.5 of the Government Code requires the Cal-CSIC to develop a statewide cybersecurity strategy, informed by recommendations from the California Task Force on Cybersecurity. The Cal-CSIC has organized and overseen the Task Force since 2013.	*Ongoing Capability*
Action 2018-109 - Protecting Critical Power Grid Infrastructure: Protect power grid integration from cyber threats.	
Comment: Ongoing coordination with Cal-CSIC and statewide cyber security task force.	*Ongoing Capability*

plans. Increase the number of LHMPs in the state through enhanced planning and technical assistance.	
Comment: Local Planning staff regularly communicate with local jurisdictions (cities, counties, and special districts) on Local Hazard Mitigation Plan (LHMP) development, maintenance and implementation. This includes, but is not limited to, regular outreach to jurisdictions with plans that have and have not been funded through mitigation grants; jurisdictions who have LHMPs expiring within 36 months are contacted regarding plan expiration and any available mitigation grant opportunities. Continued contact with these jurisdictions also occurs at 24 months, 12 months, 6 months and as an expiration approaches if the Local Planning staff have not been notified of plan status; Plan status, technical assistance and outreach efforts are communicated to FEMA Region IX Community Planning staff each Monday through an agreed upon report. A technical assistance an outreach log is available if needed; In addition, local planning staff routinely contact those jurisdictions on FEMA Region IX's weekly planning report that have a designation of "Approved Pending Adoption" in an effort to ensure the local plans get adopted and a final approval letter is received from FEMA so that jurisdictions can not only maintain eligibility for mitigation grant opportunities, but can also adopt the local plan into the Safety Element of their General Plan to be considered for eligibility of additional cost share funding under the California Disaster Assistance Act (CDAA) for Public Assistance funding.	*Ongoing Capability*
Action 2018-111 - Planning and Technical Assistance: Provide technical assistance, guidance, resources, and tools to local governments for all aspects of local hazard mitigation planning	
Comment: Technical assistance is provided and recorded in a log that is provided to FEMA on Monday of each week; technical assistance can be grouped into various categories including, but not limited to pre local plan preparation, assistance during the preparation of the plan, plan submittal assistance, plan integration assistance with climate change, land use planning, flood/CRS planning and coastal planning; plan implementation assistance, land use planning assistance, and General Plan Safety Element adoption under AB 2140 guidance. In addition, local planning staff provide technical assistance as it relates to maintaining mitigation grant eligibility and the availability of other grants to assist in the implementation of the action outlined in the plan. Local Planning staff have created specific trainings depending on the needs of the jurisdiction, as well as providing joint training with FEMA Region IX Local counterparts under G 318 and other trainings on specific areas as needed. Staff continue to provide guidance utilizing the FEMA Region IX plan review tool, FEMA Local Planning Handbook, FEMA Mitigation Ideas Book, the Office of Planning and Research Wildfire Technical Assistance Guide, Climate Adaptation materials on ResilientCA.org and other hazard-specific plan integration guides. All materials are contained on the Cal OES Local Mitigation Planning website.	*Ongoing Capability*

Action Item from Previous Plan	Status
Action 2018-112 - Planning and Technical Assistance: Establish consistent definitions for common concepts,	
Comment: Local mitigation planning relies on the definitions of critical facilities, risk assessments and hazard types that are outlined by FEMA in the Local Mitigation Planning Guidance and the regulations set forth by DMA 2000 in 44 CFR. The publications that support the required elements in the FEMA Mitigation Plan Review Guide, the FEMA Local Mitigation Planning Handbook, and the FEMA Mitigation Ideas book also define each term as it relates to the requirements for jurisdictions to follow when preparing their LHMP. These concepts are further defined in the curriculum in the G 318 Local Mitigation Planning course and G 393 Hazard Mitigation course which are taught in California by Cal OES Local Mitigation Planners/FEMA Region IX Community Planners and experienced instructors from Cal OES CSTI program. Suggest here that Recovery Planning's Community Capability and Capacity Building Unit, as well as the Technical/Engineering section within Public Assistance be consulted on this item as well since they work on loss estimation modeling and identification of critical facilities to ensure definitions are consistent with the mission of the SHMP and accurately reflect California's definitions of these concepts beyond what is defined by FEMA.	*Ongoing Capability*
Action 2018-113 - Integration of Local and State Mitigation Efforts: Encourage local jurisdictions to take advantage of the financial benefits of AB 2140 by either creating integrated LHMP Safety Elements or by adopting their LHMP as an annex to their Safety Element (SE).	
Comment: The Local Mitigation Planning unit has procedures in place to regularly do outreach to jurisdictions on the benefits of adopting the LHMPinto the Safety Element of the General Plan. Outreach begins to jurisdictions when they begin plan preparation and has now been included as part of the scope of work for Mitigation Planning Grants. Both Mitigation local planning staff and Mitigation grants staff encourage and educate cities and counties on the benefits of this adoption. In addition to educating jurisdictions before and during the preparation of the LHMP, Local Planning also has developed a regular procedure where as soon as FEMA issues an "Approved Pending Adoption" via email, local planning sends an email notifying cities and counties that they should also adopt their plan into the General Plan Safety Element and provide documents on the benefits and sample adoption language. Local planning also tracks the cities and counties who have adopted and does a regular outreach to those who have not adopted. All pertinent information on AB 2140 is also included on the Local Mitigation Planning section of the Cal OES website. It is important to note that AB 2140 only applies to cities and counties and not to special district plans since special districts do not have General Plans. In addition to the efforts above, the Office of Planning and Research (OPR) regularly does outreach during their General Plan update training on the benefits of AB 2140 adoption and provides guidance on their website at OPR.ca.gov, furthermore, the CAL FIRE Land Use Planning Program encourages AB 2140 adoption and has included information in their Wildfire Technical Advisory document that can be found on OPRs website as well.	*Ongoing Capability*
Action 2018-114 - Integration of Local and State Mitigation Efforts: Prepare resource materials to assist local governments in achieving consistency with other hazard mitigation and land use plans, and to comply with state legislative requirements.	
Comment: In consultation with the Office of Planning and Research, CAL FIRE Land Use Planning, the Coastal Commission, DWR and other planning partners, a series of plan integration guides have been developed and are available on OPR's website at OPR.ca.gov. Included are Fire Hazard Planning Technical Advisory, Flood After Fire Plan Alignment, Wildland Urban Interface Planning Guide, California Adaptation Planning Guide, Cal Adapt, Coastal Resilience California and Coastal Plan Alignment Compass. Local Planning works in coordination with all State Planning partners to maximize available information for use by jurisdictions in an effort to ensure consistency among required planning documents including, but not limited to, LHMPs, Community Wildfire Protection Plans, Flood Management Plans, CRS Plans, Emergency Operation Plans, Emergency Action Plans and THIRAs.	*Ongoing Capability*

Appendix K. Hazard Events History



K HAZARD EVENTS HISTORY

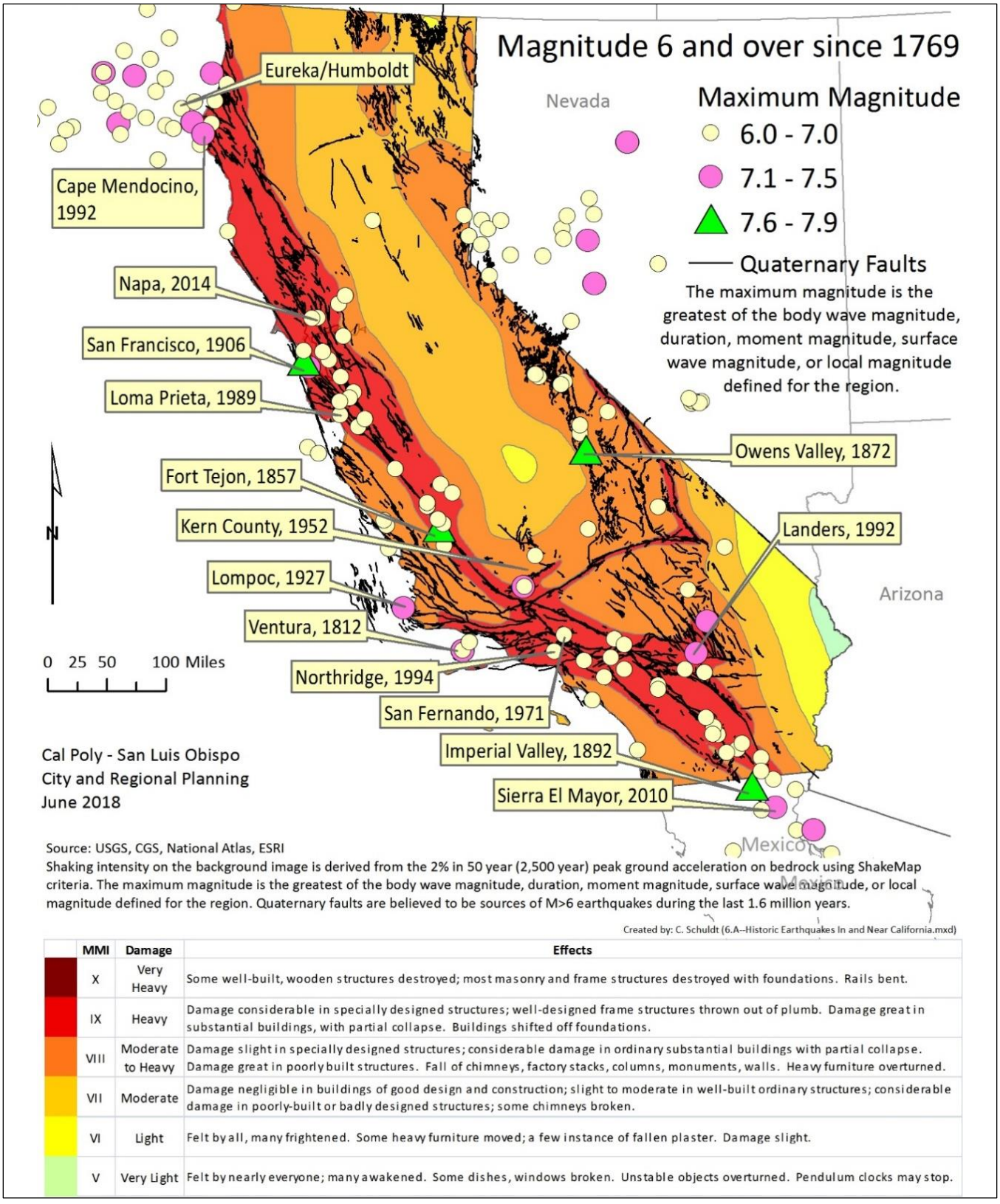
This appendix contains excerpts of previous events and losses presented in the 2018 State Hazard Mitigation Plan (SHMP). This has not been updated or verified for the current SHMP.

K.1 EARTHQUAKE AND GEOLOGICAL HAZARDS

K.1.1 Earthquake

Figure K-1 shows the pattern and selected dates of earthquakes in and near California during the past 240 years. Earthquakes large enough to cause moderate damage to structures – those around Magnitude 5.5 – occur three to four times a year in California. For example, the Magnitude 6.5 San Simeon Earthquake of December 22, 2003, caused 2 deaths, 47 injuries, and $263 million in damage. The Magnitude 6.5 Humboldt County Earthquake on January 9, 2010, resulted in zero deaths, 35 injuries, and $43 million dollars in damage. The Magnitude 7.2 El Mayor Cucapah Earthquake (also known as the Sierra El Mayor Earthquake) of April 4, 2010, was located in Northern Baja California at the former mouth of the Colorado River. This event shook not only Mexicali and Tijuana but also a large part of Southern California and parts of southwestern Arizona and Nevada. There were two confirmed deaths in Mexicali and 100 persons were injured between Baja California and Imperial County California. The total estimated damage in Southern California from the El Mayor-Cucapah event was $91 million while the total estimated damage between Southern California and Baja California was estimated to be $1 billion with most of the damage affecting the agriculture industry and irrigation district in Baja California.

Strong earthquakes of Magnitude 6 to 6.9 strike California on an average of once every two to three years. An earthquake of this size, such as the 1994 Northridge Earthquake (Magnitude 6.7) or the 1983 Coalinga Earthquake (Magnitude 6.7), is capable of causing major damage, if the epicenter is near a densely populated area. The Northridge Earthquake caused over $40 billion of disaster losses, 57 deaths, and 11,846 injuries, while the 2014 earthquake (Magnitude 6.0) in less densely populated area, caused $87 million of disaster losses, 1 death, and 200 injuries.



	MMI	Damage	Effects
	X	Very Heavy	Some well-built, wooden structures destroyed; most masonry and frame structures destroyed with foundations. Rails bent.
	IX	Heavy	Damage considerable in specially designed structures; well-designed frame structures thrown out of plumb. Damage great in substantial buildings, with partial collapse. Buildings shifted off foundations.
	VIII	Moderate to Heavy	Damage slight in specially designed structures; considerable damage in ordinary substantial buildings with partial collapse. Damage great in poorly built structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture overturned.
	VII	Moderate	Damage negligible in buildings of good design and construction; slight to moderate in well-built ordinary structures; considerable damage in poorly-built or badly designed structures; some chimneys broken.
	VI	Light	Felt by all, many frightened. Some heavy furniture moved; a few instance of fallen plaster. Damage slight.
	V	Very Light	Felt by nearly everyone; many awakened. Some dishes, windows broken. Unstable objects overturned. Pendulum clocks may stop.

Figure K-1. Historic Earthquakes in and Near California by Magnitude (1769-2017)

Two of the largest historic earthquakes in California, the 1857 Fort Tejon Earthquake and the famous 1906 San Francisco Earthquake, were similar in magnitude (Magnitude 7.9 and Magnitude 7.8) and resulted from movement along the San Andreas Fault. Earthquakes of this size (Magnitude 7.7 to Magnitude 7.9) can cause more extensive damage over a larger area than the Magnitude 7.1 to Magnitude 7.4 earthquakes that have struck California in recent decades.

Although no earthquake of magnitude 8 or greater has been officially recorded in California, evidence suggests that one occurred in the early 18th century. Historical and geological data strongly indicate that a Magnitude 9 earthquake occurred in January 1700 on the Cascadia Subduction Zone, which extends north from Cape Mendocino in Northern California to British Columbia. An earthquake of this size is similar to the one that struck Alaska in 1964 and is capable of extensive damage over a very broad region.

Major earthquakes (Magnitude 7 to 7.9) occur in California about once every 10 years. The 1992 Landers Earthquake (Magnitude 7.3) and the 1999 Hector Mine Earthquake (Magnitude 7.1) caused extensive surface fault rupture but relatively little damage because they occurred in lightly populated areas of the Mojave Desert. Earthquakes of smaller magnitude but in densely populated areas, such as the 1989 Loma Prieta Earthquake (Magnitude 6.9), have caused extensive damage over large areas.

Figure K-2 shows the distribution of state-proclaimed and federally declared earthquake disasters from 1950 to 2017. It shows the following numbers of state- and federal-declared earthquake disasters by county (representing 26 of California's 58 counties):

- Los Angeles County – 6
- Imperial County – 5
- Humboldt, Napa, and Solano Counties – 3 in each county
- Orange, Riverside, San Bernardino, Santa Barbara, and Santa Clara Counties – 2 in each county
- Alameda, Butte, Contra Costa, Fresno, Marin, Modoc, Mono, Monterey, Sacramento, San Benito, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Cruz, Sonoma, and Ventura Counties – 1 in each county

Figure K-3 shows the numbers of historical occurrences of events described as Modified Mercalli Intensity (MMI) Scale VII or greater from 1800 to 2017. Such events notably have been concentrated along the San Andreas Fault system, particularly in the San Francisco Bay, Monterey Bay, and Humboldt County areas. However, a significant earthquake is expected in Southern California in the near future. Such an event would change this map significantly by including both larger areas and more occurrences of damage in Southern California.

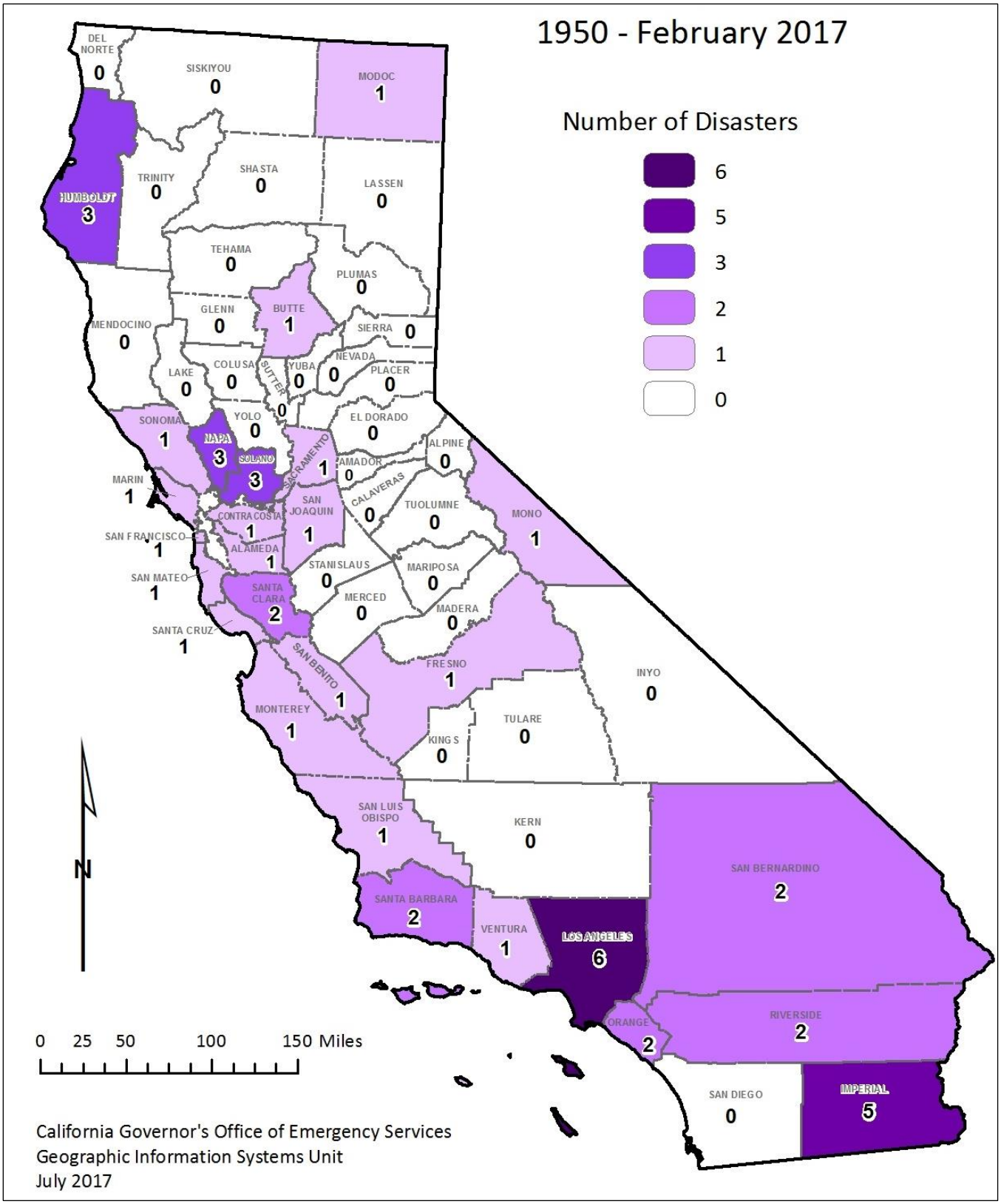


Figure K-2. State and Federal Declared Earthquake Disasters, 1950-February 2017

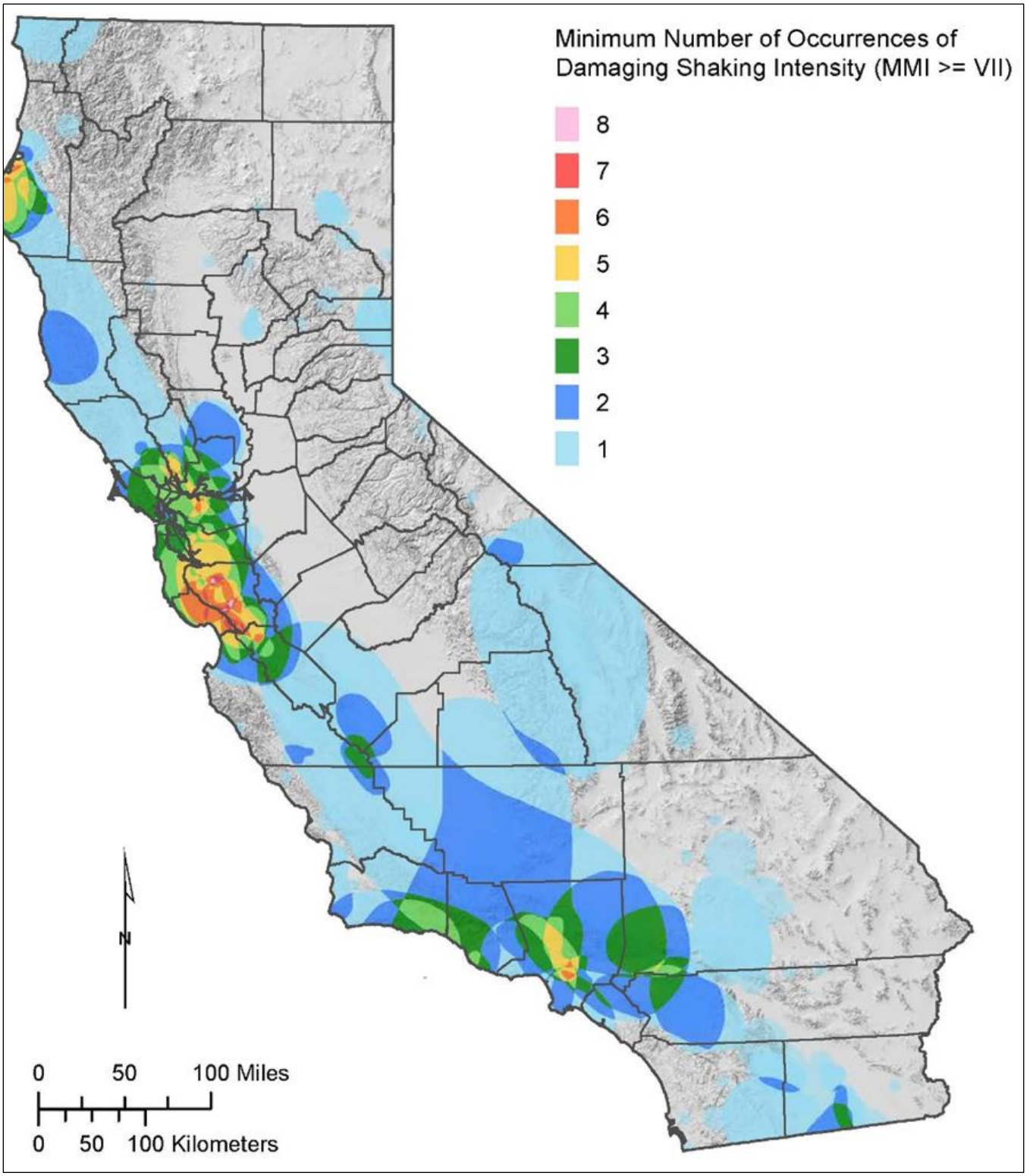


Figure K-3. Areas Damaged by Earthquakes, 1800-2017

K.2 LANDSLIDE AND OTHER EARTH MOVEMENT HAZARDS

Earthquake shaking can rapidly weaken loose water-saturated sediments via liquefaction, which can greatly increase ground deformation and sliding, even on gentle slopes. This happened during the 1971 San Fernando Earthquake, when the soil beneath two earth-fill dams partially liquefied and shifted, causing partial collapse of both facilities. Those events resulted in over a half-billion dollars in damage and the temporary evacuation of 80,000 people below the dam.

Landslide hazards are present in many regions of California. Landslide probability is notably high in the coastal regions of California, which are home to much of the state's population, industry, and infrastructure. Particularly hazardous terrain lies where weak rock layers are inclined in the same direction as the mountain slope, a condition found in many areas of California. The Franciscan Formation, which makes up much of the Northern California Coast Ranges, contains weak rock that is both easily eroded and landslide-prone. Through the decades, development has been continuing to spread into mountainous terrain where hazard exposure is high. Most reported landslide losses occur in these regions, as illustrated in the cumulative landslide occurrences resulting from the 1995 El Nino winter storms, shown in Figure K-4.

With post-fire debris flows, wildfire can significantly alter the hydrologic response of a watershed to the extent that even moderate rainstorms can produce dangerous flash floods and debris flows. Seasonal rain accumulations on burn areas have little influence on debris flow generation. However, short-duration, intense rainfall, generally greater than 0.5 inch per hour, has the potential to trigger post-fire debris flows. As the rainfall intensity increases above this value, the magnitude and impacts of the debris flows also increase. For example, the January 9, 2018, storm in Santa Barbara County triggered debris flows when rainfall intensities reached 6.48 inches per hour. This storm event initiated several debris flows within the Santa Ynez Mountains that inundated urbanized alluvial fan areas within Montecito and Carpinteria in Santa Barbara County, causing 21 fatalities and 28 injuries, destroying 127 homes and 6 commercial buildings, and damaging 307 homes and 17 commercial buildings.

Figure K-5 shows state and federally declared landslide disasters by county from 1950 to February 2018. Note that despite frequent local occurrence of landslides, these events are rarely large enough to qualify for a disaster declaration. Additionally, large landslides and debris flows are frequently included under other disaster categories.



Figure K-4. 1994-1995 Winter Storm Landslide Events

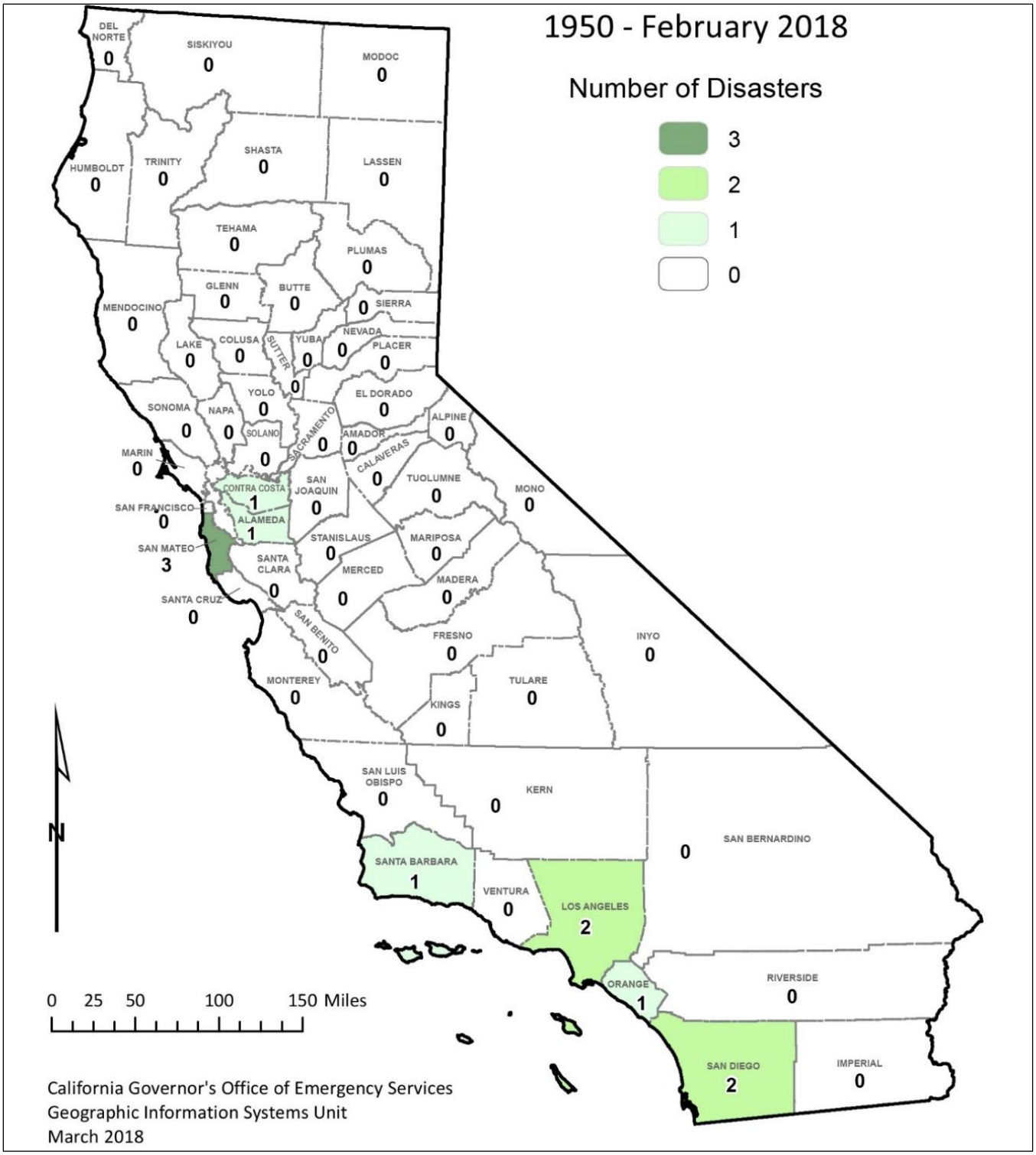


Figure K-5. State and Federal Declared Landslide Disasters, 1950-February 2018

K.3 VOLCANO HAZARDS

The most recent eruption in California occurred at Lassen Peak in Lassen Volcanic National Park about 100 years ago, from 1914 to 1917. Geophysical and geochemical monitoring conducted by the USGS CalVO reveals the presence of magma (molten rock) beneath seven of the eight California volcanoes ranked as Moderate, High, or Very High Threat. Low levels of volcanic seismicity, emissions of noxious volcanic gas, and/or ground deformation characterize the present status of Medicine Lake, Mount Shasta, Lassen Volcanic Center, Clear Lake Volcanic Field, Long Valley Volcanic Region, Coso Volcanic Field, and Salton Buttes.



Figure K-6. 1915 Eruption of Lassen Peak as Seen from Red Bluff

Lassen Volcanic Center (LVC) lies in Lassen Volcanic National Park about 55 miles east of the town of Redding. The park draws over 350,000 visitors each year with the

spectacular volcanic landscapes created by the hundreds of eruptions occurring over its 825,000-year lifespan.

The last 25,000 years at LVC have been relatively quiet with three notable exceptions: the Chaos Crags eruption (1,100 years ago), the eruption of Cinder Cone (345 years ago), and the Lassen Peak eruption (1914 to 1917). The most recent eruption was confined to sporadic steam blasts until May 1915, when partially molten rock oozing from the Lassen Peak vent began building a precarious lava dome. The dome collapsed on May 19 of that year, sending a hot pyroclastic flow racing down the north flank of the volcano.

Three days later, a vertical column of fine ash exploded from the vent reaching altitudes of 30,000 feet. A snapshot of the ash column taken from the town of Red Bluff some 40 miles west of the volcano is shown above (R.E. Stinson, courtesy of the National Park Service). Fine ash particles from the top of the column drifted downwind 200 miles to the east, as far as Winnemucca, Nevada. On both days, melting snow fueled lahars, flooding drainages 20 to 30 miles away

K.4 FLOOD HAZARDS

K.4.1 Riverine, Stream, and Alluvial Flood Hazards

From 1992 to February 2018, California has had 34 state-proclaimed flood emergencies and 15 federally declared flood disasters. As shown in Table K-1, since 1992, every county in California has been declared a federal disaster area at least once for a flooding event. The information in Table K-1 extends back to 1992 because that is the year that the California Governor's Office of Emergency Services (Cal OES) began tracking disaster recovery history information. The 1992 flood was the first federally declared flood disaster since Stafford Act implementation began in 1988.

Figure K-7 shows the distribution of floods leading to disaster declarations from 1950 to February 2018. Some of the counties with 24 or more declared disasters during this period include Kern, Los Angeles, Riverside, San Bernardino, Orange, and San Diego in the southern portion of California; Contra Costa, Alameda, San Mateo, Marin, Napa, and Santa Cruz in the San Francisco Bay Area; Sacramento, Yolo, Sutter, El Dorado, and Yuba in the Sacramento/Sierra foothill area; and Humboldt, Trinity, Butte, and Mendocino in Northern California.

Table K-1. Federally Declared Flood Disasters in California, 1992 - February 2018*

Disaster Number	Date	Scope (Number of Counties)	Number of Deaths	Damage in $
935-DR-CA	February 1992	6	5	$123.2 million
979-DR-CA	January 1993	25	20	$600 million
1044-DR-CA	January 1995	45	11	$741.4 million
1046-DR-CA	February 1995	57	17	$1.1 billion
1155-DR-CA	January 1997	48	8	$1.8 billion
1203-DR-CA	February 1998	40	17	$550 million
1498-DR-CA	June 2003	2	16	--[a]
1529-DR-CA	June 2004	1	0	$57 million
1577-DR-CA	February 2005	8	24	$573.1 million
1585-DR-CA	April 2005	7	0	$198.7 million
1628-DR-CA	February 2006	40	5	$327.8 million
1646-DR-CA	June 2006	16	1	$129.5 million
1884-DR-CA	March 2010	6	0	$50.6 million
4305-DR-CA	January 2017	22	**	$20.4 million
4308-DR-CA	February 2017	43	**	$260.5 million

Source: Cal OES Origins and Development - A Chronology 1917-2010; Cal OES After Action Reports; FEMA: California Disaster History, FEMA Disaster declarations for California, http://www.fema.gov/disasters/grid/state-tribal-government/77?field_disaster_type_term_tid_1=All

a DR-1428, 2003 Southern California Fires, caused the elimination of vegetation securing soils to the hillsides. In December 2003, mild flooding caused mudflows and landslides killing 16 people. The costs of the flood damages were not segregated from the fire damages.

*Disasters listed are only those designated by the Federal Emergency Management Agency (FEMA) as Flood Disasters (Storm Disasters are not included in this table).

** Figures pending

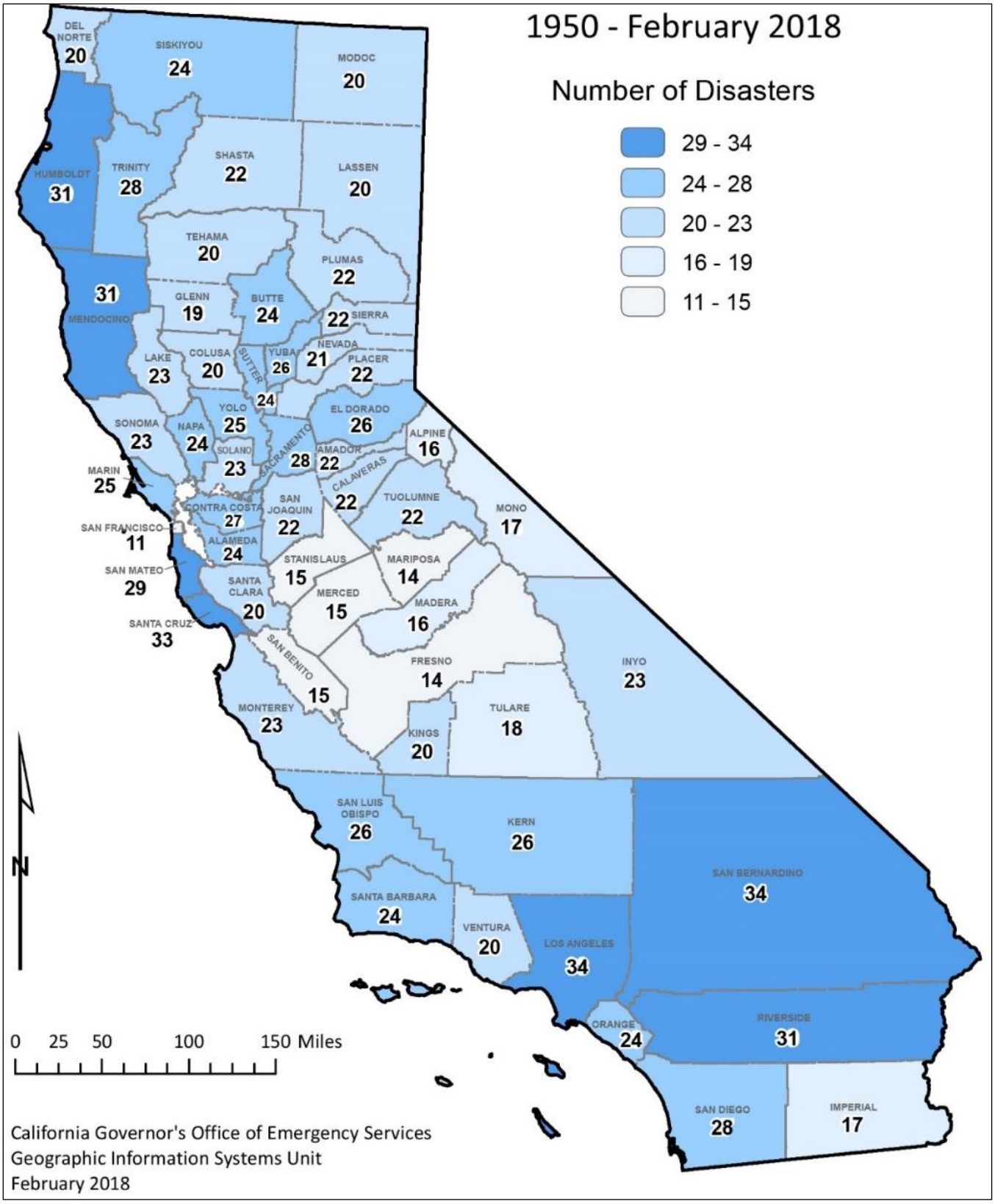


Figure K-7. State and Federal Declared Flood Disasters, 1950-February 2017

The most significant flooding in state history, and potentially the biggest disaster in California state history, occurred prior to the FEMA era and is known as the Great Flood of 1862. In the winter of 1861-62, atmospheric rivers brought rainfall over the course of 6 weeks. Contemporary reports include 72 inches of precipitation in Tuolumne County, flooding of "a region 250 to 300 miles long and 20 to 60 miles wide" for months in the Central Valley, such severe flooding in Sacramento that the Legislature relocated to San Francisco and estimates of destruction of 1/4 to 1/3 of the state's taxable property (Brewer, 1930). The New York Times further reported that the speed of flooding "was so rapid that most people had not more than an hour's warning of the danger" and they report at least 1,000 deaths (NYT, 1862). Disasters of this scale are observed in the geologic record in the years 212, 440, 603, 1029, 1418, and 1605 – the latter being the largest – and a future similar scenario is known as ARkStorm (Porter et al., 2010). The ARkStorm scenario is viewed to be as likely as the major-earthquake scenario known as The Big One and is estimated to be three times more costly than that scenario, with dollar losses approaching $1 billion (Porter et al., 2010). A recent study suggests the ARkStorm scenario is likely to occur more frequently than the historic record suggests due to climate change (Huang and Swain, 2022).

Brewer, W.H. Up and down California in 1860-1864 : the journal of William H. Brewer. Yale University Press. 1930.

The Great Flood in California. January 21, 1862. Accessed at https://timesmachine.nytimes.com/timesmachine/1862/01/21/79955563.html?pageNumber=6

Porter, K. et al. Overview of the ARkStorm Scenario. USGS Open File Report 2010-1312. 2010.

K.4.2 Sea-Level Rise, Coastal Flooding, and Erosion Hazards

No hazard event history recorded in the 2018 SHMP for the sea level rise, coastal flooding, and erosion hazards profile.

K.4.3 Tsunami and Seiche Hazards

Numerous studies have documented historical tsunamis recorded along California's coast. In 1700, an earthquake estimated at Magnitude 9.0 ruptured along the Cascadia Subduction Zone, which stretches from along the coasts of British Columbia,

Washington, and Oregon to offshore of California north of Cape Mendocino. Though there were no local written accounts, scientists originally recognized the event from geological evidence and oral histories from the Native American people in the area. This information was eventually cross-referenced with Japanese documents that described an "orphan" tsunami that was not accompanied by a large earthquake in Japan. The exact date and time of this earthquake are known because of a combination of tsunami deposit evidence, carbon-14 and tree-ring dating, tsunami modeling, and historical Japanese records.

The Cascadia Subduction Zone is the most significant local tsunami source for the California coast north of Cape Mendocino. Geological evidence indicates that large Cascadia earthquakes and associated tsunamis have occurred at least 19 times over the past 10,000 years, with event recurrence varying from 200 years to more than a thousand years over that 10,000-year period.

The California Seismic Safety Commission report, the Tsunami Threat to California Findings and Recommendations on Tsunami Hazards Risks, published in December 2005, indicates that over 80 tsunamis have been observed or recorded along the coast of California in the past 150 years. The report includes findings that tsunamis generated either locally or from events elsewhere in the Pacific Basin pose a significant threat to life and property in California, and that tsunamis present a substantial risk to the economy of the state and nation primarily through the impact on ports.

The National Centers for Environmental Information (NCEI) provides a database cataloging all tsunami occurrences. The database can be used to evaluate past tsunami events at a particular site. As shown in Table K-2, there have been eight tsunamis known to have caused damage to ports and harbors or coastal inundation in California since 1946. In 1964, a tsunami caused by a Magnitude 9.2 earthquake offshore from Alaska resulted in 13 deaths in California and destroyed portions of downtown Crescent City. More recently, a 2006 tsunami (originating in the Kuril Islands region north of Japan) caused approximately $20 million in damage to Crescent City harbor. A 2010 tsunami (originating offshore from Chile) caused millions of dollars in damage to ports and harbors in the state.

Table K-2. Summary of Tsunami Damage Along the California Coast Since 1946

Date	Event	Magnitude	Cost of Damage [a]	Deaths
March 11, 2011	Offshore Japan Earthquake	9.0	$100 million	1
February 27, 2010	Offshore Chile Earthquake	8.8	$3 million	0

Date	Event	Magnitude	Cost of Damage [a]	Deaths
November 15, 2006	Kuril Islands Region Earthquake	8.3	$20 million	0
March 28, 1964	Offshore Alaska Earthquake	9.2	$20 million	13
May 22, 1960	Chile Earthquake	9.5	$1 million	2
March 9, 1957	Aleutian Islands Earthquake	8.6	<$1 million	0
November 4, 1952	Kamchatka Earthquake	9.0	<$1 million	0
April 1, 1946	Aleutian Islands Earthquake	8.8	<$1 million	2

Source: California Geological Survey
a: "Cost of Damage" represents reported damage at the time of the tsunami; not all damage may be accounted for in early events.

A tsunami in 2011 (caused by a Magnitude 9.0 earthquake offshore of Japan) killed one person at the mouth of the Klamath River and caused up to $100 million of damage to 27 ports, harbors, and marinas throughout the State (Wilson et al., 2012). The most damage occurred in Crescent City, Santa Cruz and Moss Landing harbors and a federal disaster was declared in Del Norte, Santa Cruz, and Monterey Counties. Both Crescent City and Santa Cruz harbors sustained damage to all docks, and oil spills and water/sediment contamination that resulted from sunk or damaged boats. Because recovery efforts in these two harbors took several years to complete, both harbors incurred business/economic losses that have been difficult to recapture.

K.4.4 Levee Failure and Safety Hazards

In parts of California, both the chances and the consequences of flooding are ranked the highest in the nation. Many of the levees in California are intended to protect against a storm that as a 1 percent chance of occurring in any year. Some areas have an even lower level of protection. For perspective, the levee system protecting the city of New Orleans was intended to protect against a storm that has a 0.4 percent of occurring in any year (a 250-year level of protection) but failed in 2005 due to Hurricane Katrina.

A list of significant levee failures in the Bay-Delta from 1900 to the present is shown in Table K-3. This list documents the spatial and temporal variability of levee failure but does not attribute the failures to a particular loading function or failure mechanism.

Additionally, there have been other levee failures along the Sacramento and San Joaquin rivers during flood events. Some notable floods include 1950, 1955, 1983, 1986, and 1997 events. During these events Yuba City, Marysville, Linda/Olivehurst, Nicolaus, Manteca, and other areas were flooded.

Table K-3. San Francisco Bay-San Joaquin-Sacramento Delta Levee Failures, 1900-2017

Delta Island/Tract	Total Acres Flooded	Year Flooded
Andrus Island	7,200	1902, 1907, 1909, 1972
Bacon Island	5,546	1938
Bethel Island	3,400	1907, 1908, 1909, 1911, 1972, 1981, 1983
Big Break	2,200	1927
Bishop Tract	2,100	1904
Bouldin Tract	5,600	1904, 1907, 1908, 1909, 1972
Brack Tract	2,500	1904
Bradford Island	2,000	1950, 1983
Brannan Island	7,500	1902, 1904, 1907, 1909, 1972
Byron Tract	6,100	1907
Canal Ranch Tract	500	1958, 1986
Clifton Court Tract	3,100	1901, 1907
Coney Island	900	1907
Dead Horse Island	200	1950, 1955, 1958, 1980, 1986, 1997
Donlon Island	3,000	1937
Edgerly Island	150	1983
Empire Tract	3,500	1950, 1955
Fabian Tract	6,200	1901, 1906
Fay Island	100	1983
Franks Tract	3,300	1907, 1936, 1938
Glanville Tract	--	1986, 1997
Grand Island	--	1955
Grizzly Island	8,000	1983
Holland Tract	4,100	1980
Ida Island	100	1950, 1955
Jersey Island	3,400	1900, 1904, 1907, 1909, 1981, 1983
Little Franks Tract	350	1981, 1982, 1983
Little Mandeville Island	22	1980
Lower Jones Tract	5,700	1907, 1980
Lower Roberts Island	10,300	1906
Lower Sherman Island	3,200	1907, 1925
Mandeville Island	5,000	1938
McCormack Williamson Tract	1,500	1938, 1950, 1955, 1958, 1986, 1997, 2017
McDonald Island	5,800	1982
Medford Island	1,100	1936, 1983
Middle Roberts Island	500	1938
Mildred Island	900	1965, 1969, 1983
New Hope Tract	2,000	1900, 1904, 1907, 1928, 1950, 1986
Palm Tract	2,300	1907
Pescadero	3,000	1938, 1950

Delta Island/Tract	Total Acres Flooded	Year Flooded
Prospect Island	1,100	1980, 1981, 1982, 1983, 1986
Quimby Island	700	1936, 1938, 1950, 1955, 1986
RD 1007	3,000	1925
RD 17	4,500	1901, 1911, 1950
Rhode Island	100	1938
Ryer Island	11,600	1904, 1907
Sargent Barnhart Tract	1,100	1904, 1907
Sherman Island	10,000	1904, 1906, 1909, 1937, 1969
Shima	2,394	1983
Shin Kee Tract	700	1938, 1958, 1965, 1986
Staten Island	8,700	1904, 1907
Stewart Tract	3,900	1938, 1950, 1997
Terminous Tract	5,000	1907, 1958
Twitchell Island	3,400	1906, 1907, 1909
Tyler Island	8,700	1904, 1907, 1986
Union Island	2,400	1906
Upper Jones Tract	5,700	1906, 1980, 2004
Upper Roberts Island	500	1938
Van Sickle	--	1983, 2017
Venice Island	3,000	1904, 1906, 1907, 1909, 1932, 1938, 1950, 1982
Victoria Island	7,000	1901, 1907
Webb Tract	5,200	1950, 1980

Source: California Department of Water Resources (DWR), 2006 and 2017; DWR Public Affairs Chief Ted Thomas, personal communication, 2006; U.S. Army Corps of Engineers (USACE), 2006

K.4.5 Dam Failure and Safety Hazards

In the past 50 years, there have been only a small number of dam failures in California. The most catastrophic dam failure in California's history is that of the infamous St. Francis Dam in Los Angeles County, which failed in March 1928, shortly after construction of the dam was completed. This failure resulted in the deaths of more than 450 people and the destruction of nearly 1,000 homes and buildings. Numerous roads and bridges were also destroyed or damaged beyond repair. The Division of Safety of Dams (DOSD) was established as a direct result of this catastrophe. Other significant dam incidents in California's history include the Baldwin Hills Dam failure in 1963, the near failure of the Lower San Fernando Dam in 1971, and the failure of the spillway system at Oroville Dam in 2017.

In February 2017, the gated spillway at Oroville Dam, the tallest dam in the United States, suffered a failure within its concrete chute. A 60-foot-deep hole developed in the lower third of the chute as a result of normal spillway operations undertaken to lower the reservoir in advance of a moderately large storm. The subsequent occurrence of the storm in the days after the initial incident and the inability to fully use the primary spillway led to the filling of the reservoir and the use of its unlined emergency spillway for the first time ever. After two days of usage and erosion of the unlined hillside and head cutting, concerns regarding the stability of the emergency spillway weir developed, and nearly 200,000 people downstream were evacuated.

K.5 FIRE HAZARDS

K.5.1 Wildfire

While California has long been recognized as one of the most fire-prone natural landscapes in the world, the 2017 and 2018 wildfire years saw unprecedented wildfires, which eclipsed fire events from previous years. As noted throughout this chapter, the 2017 and 2018 wildfires were by far the most destructive and deadly in recent California history. During 2017, over 9,000 fires were ignited in California. All other 2017 wildfire events were overshadowed by two fire events of catastrophic size and destruction; the Northern California Wildfire Complex in October 2017 and the Thomas Fire in December 2017; both of which were driven by extreme weather conditions coupled with large volumes of dry vegetation, affected by drought, in wildland-urban interface areas (WUI). The fires resulted in over 40 fatalities. The Thomas Fire, which burned through Ventura and Santa Barbara Counties, was the largest single recorded wildfire, by acreage, in California history to date as of January 2018, while the Tubbs Fire (part of the October 2017 Northern California Wildfire Complex) destroyed over 5,000 structures and took the lives of 22 people.

As of the final writing of the 2018 SHMP in September 2018, over 5,700 wildfires have burned or are actively burning in California during the 2018 fire year. This includes the catastrophic Mendocino Complex Fire, which has burned over 450,000 acres and is 98 percent contained as of September 12, 2018, surpassing the 2017 Thomas Fire in size as the largest wildfire in California's history. The Carr Fire, which burned in Shasta and Trinity Counties in July and August 2018, destroyed over 1,600 structures, caused multiple fatalities, and burned 229,651 acres. Table 8.A lists the number of wildfires and the number of acres burned in California each year from 1987 to 2017. During this three-decade period, California annually averaged 8,782 fires that burned 555,762 acres. While the overall total number of fires per year has declined since 1987, the

number of acres burned annually is highly variable between years, with an increase in larger single fires burning larger areas in some years, typically due to extreme weather conditions.

Table K-4. California Wildfires and Acres, 1987-2017, as of January 2018

	CAL FIRE (SRA)		Federal Firefighting Agencies (Fra)		Local Governments (Lra)*		Total	
	Number of Fires	Acres Burned	Number of Fires	Acres Burned	Number of Fires	Acres Burned	Number of Fires	Acres Burned
1987	8,062	87,000	4,374	744,000	1,040	42,000	13,476	873,000
1988	8,121	191,000	4,160	96,000	1,009	58,000	13,290	345,000
1989	6,635	73,600	2,547	87,800	842	12,000	10,024	174,400
1990	7,283	212,100	2,670	128,100	595	25,000	10,548	365,200
1991	6,271	23,100	2,681	18,800	657	2,300	9,609	44,200
1992	7,939	191,490	3,682	84,340	426	4,915	12,047	282,745
1993	6,688	122,606	1,774	67,646	227	119,527	8,689	309,779
1994	7,207	140,792	2,698	359,227	364	26,200	10,269	526,219
1995	6,601	121,198	1,563	78,414	328	10,203	8,492	209,815
1996	7,237	232,624	2,637	488,010	736	31,738	10,610	752,372
1997	6,835	57,788	2,180	198,431	487	27,666	9,502	283,885
1998	5,227	92,456	1,860	90,246	485	32,710	7,572	215,412
1999	7,562	285,272	3,139	865,621	424	21,957	11,125	1,172,850
2000	5,177	72,718	1,884	218,578	561	3,730	7,622	295,026
2001	6,223	90,984	2,567	275,152	527	11,203	9,317	377,340
2002	5,759	112,810	1,837	366,842	575	58,564	8,171	538,216
2003	5,961	404,328	1,783	399,635	543	161,807	8,287	965,770
2004	5,574	168,134	1,852	110,082	472	32,808	7,898	311,024
2005	4,908	74,004	1,604	139,399	725	65,811	7,237	279,214
2006	4,805	222,896	2,400	603,378	650	37,071	7,855	863,345
2007	3,610	434,667	1,932	990,730	501	95,565	6,043	1,520,362
2008	3,593	380,310	2,203	1,153,973	459	59,407	5,255	1,593,690
2009	2,858	75,960	1,820	339,908	2,332	36,101	7,010	451,969
2010	2,434	25,438	1,616	98,871	2,344	10,153	6,394	134,462
2011	3,056	51,889	2,021	73,124	2,655	103,586	7,732	228,599
2012	2,922	128,956	1,562	687,013	2,557	13,255	7,041	829,224
2013	3,672	114,473	2,213	450,126	3,004	37,036	8,889	601,635
2014	2,920	163,067	1,960	451,810	2,353	10,663	7,233	625,540
2015	3,231	291,282	2,184	577,115	2,868	6,137	8,283	880,899
2016	2,816	215,671	1,215	394,910	2,923	12,078	6,954	622,658
2017[a]	7,117[c]	505,956[c]	2,016[b]	742,650[b]	[a]	[a]	9,133	1,248,608

* This category includes county fire departments that protect State Responsibility Area (SRA) under contract in Kern, Los Angeles, Marin, Santa Barbara, and Ventura Counties. Starting in 2009, the "Local Governments" category also includes local fire departments that have a back contract with the California Department of Forestry and Fire Protection (CAL FIRE) for emergency response and fire protection.

a: 2017 Local Responsibility Area (LRA) data pending publication of 2017 Annual Wildfire Activity Statistics Report (Redbook), not yet published as of May 2018. B: Preliminary data; does NOT include other Federal Responsibility Area (FRA) lands, including U.S. Bureau of Land Management (BLM), National Park Service, U.S. Department of Fish and Wildlife, or Bureau of Indian Affairs (BIA) lands (all in U.S. Department of Interior). c: SRA data preliminary.

Source: 1987-2016 data: California wildfires and Acres for all Jurisdictions, as of August 2017; http://cdfdata.fire.ca.gov/pub/cdf/images/incidentstatsevents_269.pdf; 2017 data: CAL FIRE Incident Information, 2017 Combined year-to-date; http://cdfdata.fire.ca.gov/incidents/incidents_stats?year=2017

Figure K-8, based on CAL FIRE datasets shows fire perimeters from 1985 to 2017. Fires are shown by decade intervals, overlaid on public lands shown in grey. The most significant 2017 fires – the Thomas Fire, which burned the largest number of acres ever recorded, and the fires that make up the Northern California Wildfire Complex, which burned the largest number of structures on record – are delineated with special coloring on the map.

An analysis of repeat fires in a given area, as shown in Figure K-10, illustrates that some areas in California are prone to burn with greater regularity than other areas. This is of special concern in the South and Central Coast regions, which show the highest frequencies. These regions have significant amounts of shrubland plant communities where wildfires typically occur as high-intensity, stand-replacement fires.

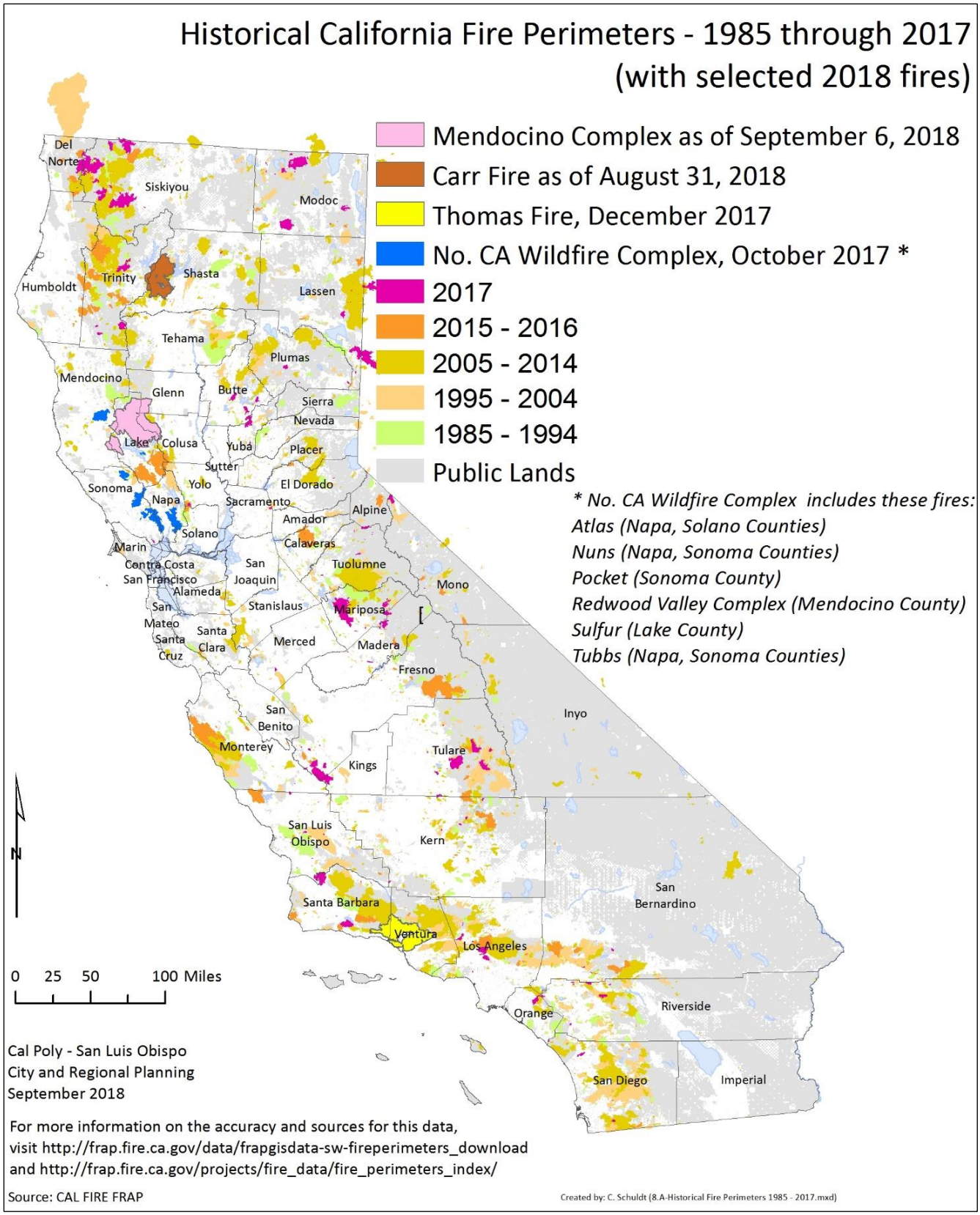


Figure K-8. California Fire Perimeters 1985-2017 and Selected 2018 Fires

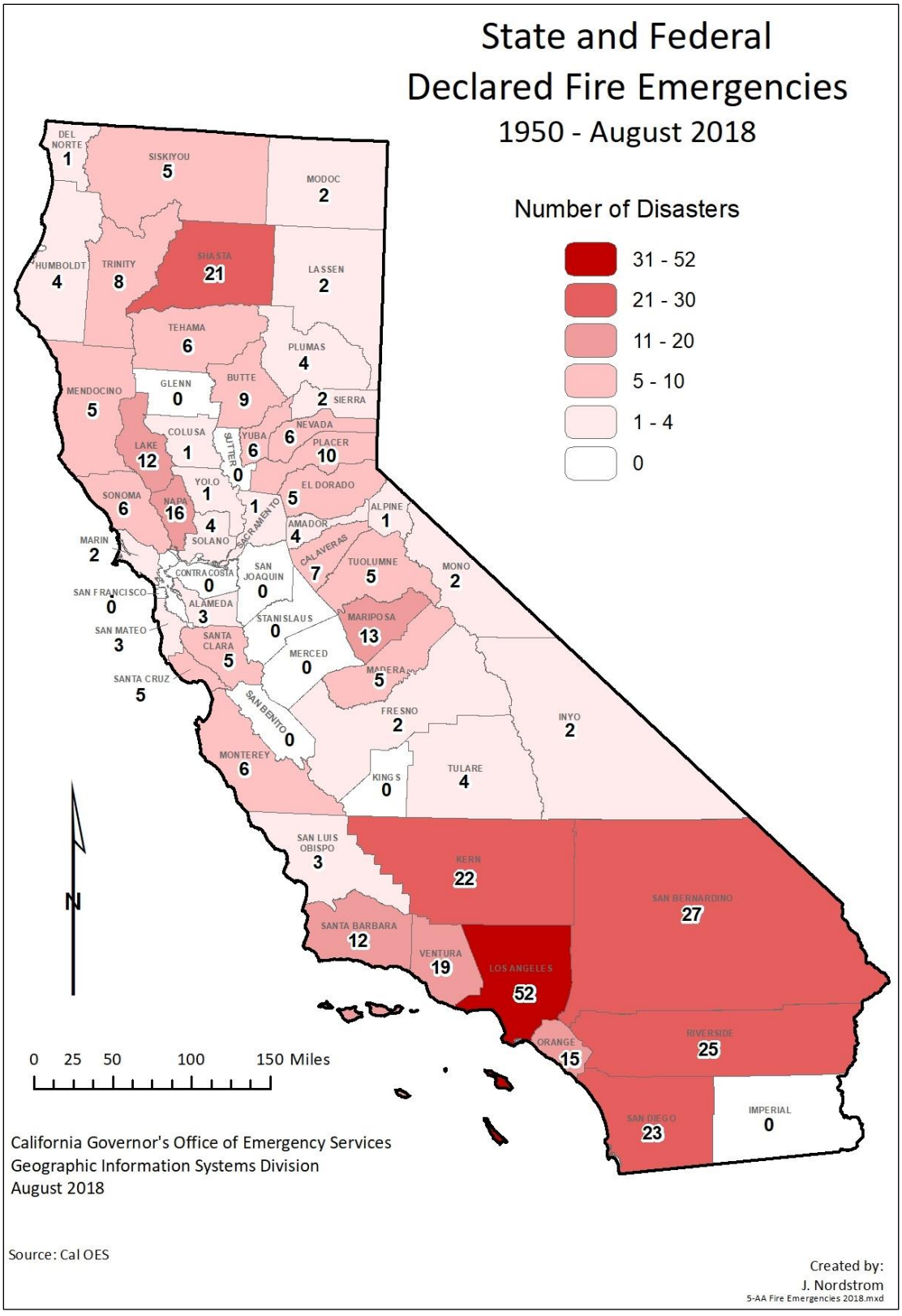


Figure K-9. State and Federal Declared Fire Disasters, 1950-February 2018

K.5.2 Urban Structural Fire Hazards

Structural fires are generally defined as fire originating in and burning any part or all of any building, shelter, or other structure, which may include residential, commercial, or industrial buildings. Events include:

Table K-5. Notable Urban Structural Fire History in California

Date(s)	Event Name	Location
1906	San Francisco Earthquake	San Francisco
Many buildings and infrastructure were destroyed in the 1906 San Francisco Earthquake, partially as the direct result of shaking, but also due to the fires exacerbated by damaged infrastructure. A series of shocks broke the water mains that served residences primarily made of wood, and dozens of fires erupted as the shaking subsided. The losses included over 28,000 buildings, 500 city blocks, 3,000 lives, and the homes of over 200,000 people.		
October 1991	Oakland Hills Firestorm	Oakland
The firestorm occurred within a larger high fire hazard zone that is part of an approximately 60-mile stretch of hills running from the Carquinez Strait to San Jose in the east San Francisco Bay Area, in portions of the cities of Oakland and Berkeley. In Oakland 2,777 units were destroyed or badly damaged and 69 additional units were destroyed in Berkeley. The fire happened in a largely built-out residential area that has a long-standing fire history linked to hot, dry fall winds and the presence of dense, flammable vegetation. Seasonably strong, dry winds drove flames furiously and rapidly across an approximately 2.5 square mile area of densely developed hillside neighborhoods.		
April 29 to May 1, 1992	Civil Unrest	Los Angeles
In the first 36 hours of the disturbance, 863 massive structures burned in a 105-square-mile area. A total of 50 persons died during the riots, and damages were estimated at over $1 billion, not all of which were a result of fires.		
February 2002	Santana Row Fire	San Jose
According to a technical report issued by the U.S. Fire Administration (USFA) in August 2002, 11 alarms were dispatched to the large structure fire and the numerous exposure fires ignited by flying embers. It required the combined effort of 221 firefighters and 65 pieces of apparatus. Fortunately, no one was killed and there were only minor injuries sustained by firefighters. Santana Row was to be a nine-building development that covered 42 acres and was spread out over several city blocks. Approximately six buildings in the 42-acre development were destroyed, causing more than $100 million in damage. Embers from the fire ignited roofs half a mile away, destroying more than 30 apartments and townhouses and causing an additional $2.5 million in damage. The cause of the fire ignition was unknown.		

Date(s)	Event Name	Location
September 9, 2010	San Bruno Pipeline Explosion	San Bruno
A 30-inch (76-centimeter)-diameter steel natural gas pipeline owned by Pacific Gas & Electric exploded into flames in a residential neighborhood 2 miles (3.2 kilometers) west of San Francisco International Airport. The loud roar and shaking led some residents of the area, first responders, and news media to initially believe that it was an earthquake or that a large jetliner had crashed. It took crews nearly an hour to determine that the explosion was caused by a gas pipeline. As of September 29, 2010, the death toll was eight people. The U.S. Geological Survey (USGS) registered the explosion and resulting shock wave as a magnitude 1.1 earthquake. Eyewitnesses reported that the initial blast had a wall of fire more than 1,000 feet high. The explosion caused a fire that quickly engulfed nearby houses. Strong winds fanned the flames, hampering firefighting efforts. The blaze was fed by a ruptured gas pipe, and large clouds of smoke soared into the sky. According to the local fire chief, it took 60 to 90 minutes to shut off the gas after the explosion, and thus the gas continued to fuel the fire. The explosion and resulting fire leveled 35 houses and damaged many more. Three of the damaged houses, deemed uninhabitable, were torn down in December 2010, bringing the total to 38. About 200 firefighters battled the eight-alarm fire that resulted from the explosions. The neighborhood continued to burn into the night even after the exploding gas main had been shut off. The explosion compromised a water main and required firefighters to truck in water from outside sources. Firefighters were assisted by residents who dragged fire hoses nearly 4,000 feet (1,200 meters) to working hydrants. Ordinary citizens drove injured people and burn victims to the hospital. Mutual aid responded from all over the Bay Area; responding agencies included the California Department of Forestry and Fire Protection (CAL FIRE), which sent 25 fire engines, four air tankers, two air attack planes, and one helicopter.		
May 2013	Pallet Fire	Fontana
Towering stacks of wooden pallets covering a quarter acre of land turned into massive bonfires fanned by 25 mile-per-hour winds. Smaller spot-fires appeared in nearby brush but were extinguished by San Bernardino County firefighters before they could spread further.		
March 2014	--	Mission Bay area of San Francisco
A fire broke out in the Mission Bay area of San Francisco, destroying a seven-story, multi-million-dollar wood-frame apartment building under construction. Although the cause of the fire was unknown, it was fueled by a large amount of lumber, with no fire alarms or sprinklers yet installed. More than 150 firefighters and six ladder trucks responded to the fire. In addition to extinguishing the fire, efforts focused on keeping the fire from spreading to adjacent buildings, due to the high heat of the fire. One fire was ignited a block away due to embers landing on a roof, but it was quickly contained before it could spread. Low winds that day, combined with strong fire suppression, prevented this fire from becoming a significant urban conflagration.		
December 2014	Temple Fire	Los Angeles
Hundreds of Los Angeles firefighters battled a massive apartment fire in the city's historic downtown, shutting down portions of two major freeways. The fire engulfed a seven-story apartment tower that was under construction on Fremont Avenue. The flames damaged two nearby buildings, including several floors of a 16-story office structure. The apartment building, one of several upscale complexes to be built in downtown Los Angeles over the past 10 years as part of an effort to revitalize the city's urban center, occupied an entire city block. The fire was fueled by the building's wooden framework. The cause of the massive fire remains unknown.		
2016	Fruitland Metal Recycling Plant Fire	Maywood
The 2016 Fruitland metal recycling plant fire in Maywood, California, which released heavy metals and chemicals into the air, prompting Los Angeles County to issue health advisories.		

Date(s)	Event Name	Location
December 2, 2016	Ghost Ship Fire	Oakland
A warehouse fire that occurred in Oakland resulted in 40 deaths and left the city in a state of tragedy and loss. The warehouse was used as illegal studio living space with makeshift kitchens, large amounts of flammable materials such as wooden pallets and propane tanks, and appliances such as heaters, generators, and hot plates being used in dangerous conditions. The electrical system was overloaded and was observed to have been "modified," and extension cords and power strips, rather fixed outlets, were used throughout the warehouse to energize appliances. According to the Oakland Fire Department's "Origin and Cause Report," the fire originated in northwest area of the building's first floor, but the Fire Department was unable to make a conclusive determination of the cause of the fire.		
October 2017	Tubbs Fire	--
Fueled by high wind and urban structural fuel, this devastating fire, exemplifies the potential of a wildland urban-interface wildfire to penetrate farther into densely populated urban areas than previously anticipated. That fire developed into an urban conflagration and resulted in the destruction of over 5,000 structures and 22 fatalities.		

K.6 OTHER CLIMATE AND WEATHER-INFLUENCED HAZARDS

K.6.1 Agricultural and Silvicultural Pests and Diseases

K.6.2 Asian Citrus Psyllid

As of 2017, California is actively eradicating the ACP and has identified only one plant infected with HLB.

K.6.3 Shot Hole Borer Beetle

Table K-6 summarizes the different categories of host species in California, and Figure K-10 shows spread of the PSHB and KSHB in the southern portion of the state.

Table K-6. California Agricultural and Silvicultural Pests and Diseases, Change from 2012 to 2016

Number of:	2012	2016
Tree species attacked by beetle	286	303
Tree species infected by fungus	117	138
Agricultural crops affected	13	13
California native tree species affected	11	18
Tree families affected	62	64
Reproductive hosts	19	41

Source: California Board of Forestry and Fire Protection

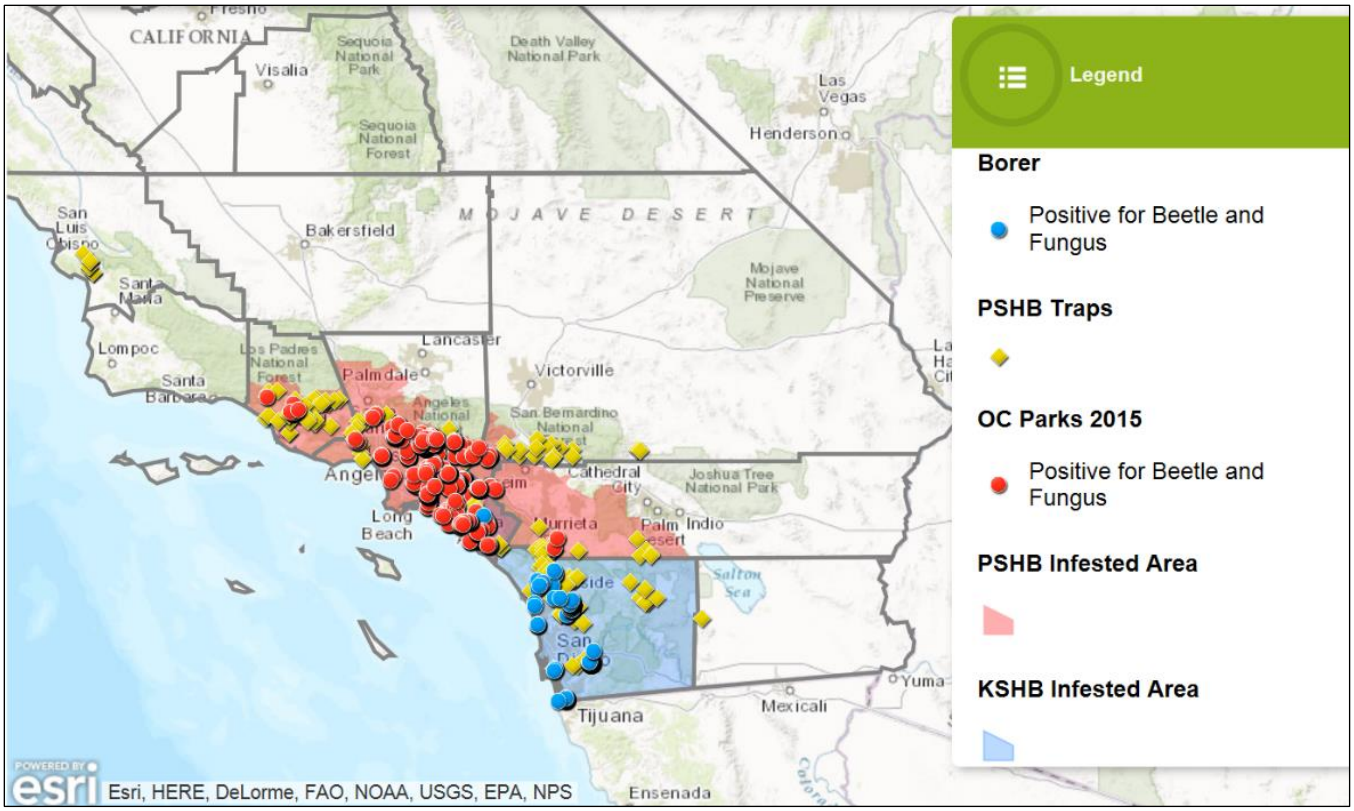


Figure K-10. Polyphagous Shot Hole Borer and Kuroshio Shot Hole Borer Spread in Southern California

K.6.4 Bark Beetles

Total tree mortality in California counties from Kern County in the southern portion of the state to Placer County in the north was estimated to be upward of 75 million trees according to 2016 U.S. Forest Service aerial detection survey data. This mortality extends across both private and federal timberlands.

K.6.5 Foot and Mouth Disease

The last outbreak of FMD in California was in 1929.

K.6.6 Bovine Spongiform Encephalopathy

The National Veterinary Services Laboratory in Ames, Iowa, confirmed that a routine surveillance sample obtained from a Holstein cow carcass at a rendering plant in the Central Valley of California was positive for the atypical strain of BSE. No part of this carcass entered the human or animal food chain.

K.6.7 Other Animal Pests and Diseases

Diseases such as Exotic Newcastle Disease in poultry and tuberculosis in dairy cattle are credible threats to the state food supply and economy. Other diseases such as anthrax, and Deforming Wing Virus in honeybees, also pose a serious threat to the food supply.

K.6.8 Air Pollution

Air pollution is a continuing problem, with the largest concentration of pollution in the most populated air basins: the San Francisco Bay Area, San Joaquin Valley, Sacramento Valley, San Diego, and the South Coast. Pollutants include smog, soot, and toxic air contaminants (TACs). However, some air toxic emissions in California are on the decline. Table K-7 shows the average quantities of emissions in tons per day from 2000 to 2015 as well as forecasts to 2035. Forecast emissions for future years take into account emissions data, projected growth rates, and future adopted control measures.

Table K-7. Air Pollutant Emission Trends and Forecasts in California, 2000-2035

Pollutant	2000	2005	2010	2015	2020	2025	2030	2035
Volatile Organic Compounds (VOC)	2,902	2,261	1,943	1,624	1,561	1,554	1,568	1,574
Nitrogen Oxides (NO_X)	3,782	3,214	2,324	1,887	1,553	1,312	1,224	1,200
Sulfur Oxides (SO_X)	289	287	123	78	82	88	94	101
Diesel Particulate Matter (PM)	86	88	54	31	25	23	23	25
$PM_{2.5}$	661	524	447	410	414	419	434	441
PM_{10}	2,436	1,700	1,549	1,491	1,525	1,544	1,572	1,590
Ammonia (NH_3)	730	741	752	719	742	770	776	779

Source: California Air Resources Board (CARB), Background Material: Almanac of Emissions and Air Quality, 2013 Edition - Chapter 3 Statewide Trends and Forecasts.2013.

K.7 AQUATIC INVASIVE SPECIES

Non-indigenous species (NIS) are transported to new environments, both intentionally and unintentionally, through human activities. Ships transfer organisms to California waters from throughout the world. Once introduced, invasive species could become a permanent part of an ecosystem and may flourish, creating environmental imbalances, presenting risks to human health, and causing significant economic problems. The introduction of non-indigenous species into California's marine, estuarine, and freshwater environments can cause significant economic, human

health, and ecological impacts. A non-indigenous species is considered an invasive species when it becomes established in a new geographic location, causing impacts.

K.8 AVALANCHES

Avalanches have caused property damage and loss of life in California. As shown in Table K-8, between 1996 and 2016, there were 14 deaths and property damage of $140,000 reported due to avalanches. There are no recorded avalanches between 1950 and 1996. Avalanches pose a threat in the Sierra Nevada range on the eastern side of the state and the Cascade Range in the north. Significant avalanches have damaged or destroyed ski resorts at Mt. Shasta and Lake Tahoe, as well as blocked and damaged roadways.

Table K-8. Avalanches, 1950-2016

Period	Counties Affected (Number of Events)	Deaths
1996-2006	Amador (1), Alpine (1), Calaveras (1), El Dorado (2), Mono (3), Nevada (1), Placer (2), San Bernardino (1), San Diego (1), Sierra (1), Tuolumne (1)	2
2007-2016	Inyo (2), Nevada (1), Placer (6), San Bernardino (1), Siskiyou (3), Tulare (1),	12

Source: National Oceanic and Atmospheric Administration (NOAA) 2016

K.9 DROUGHT AND WATER SHORTAGES

Drought has affected virtually every county in California at one time or another, causing over $5.1 billion in damages. Droughts exceeding three years are relatively rare in Northern California, the source of much of the state's water supply. The 1929-1934 drought, which affected the entire state, established the criteria commonly used in designing storage capacity and yield for large Northern California reservoirs. Significant droughts occurring within the past 50 years are briefly described below, followed by an in-depth discussion of the extended statewide drought that began in 2012 and ended in 2017.

K.9.1 The 1975-1977 Drought

California experienced one of its most severe droughts. Although people in many areas of the state are accustomed to very little precipitation during the growing season (April to October), they expect it in the winter. In 1976 and 1977, the winters brought only one-half and one-third of normal precipitation, respectively. Most surface storage reservoirs were substantially drained in 1976, leading to widespread water shortages when 1977 turned out to be even drier. Thirty-one counties were affected, resulting in $2.67 billion in crop damage.

K.9.2 1987-1992 Drought

California again experienced a serious drought due to low precipitation and runoff levels. The hardest-hit region was the Central Coast, roughly from San Jose to Ventura. In 1988, 45 California counties experienced water shortages that adversely affected about 30 percent of the state's population, much of the dry-farmed agriculture, and over 40 percent of the irrigated agriculture. Fish and wildlife resources suffered, recreational use of lakes and rivers decreased, forestry losses and fires increased, and hydroelectric power production decreased.

In February 1991, DWR and Cal OES surveyed drought conditions in all 58 California counties and found five main problems: extremely dry rangeland, irrigated agriculture with severe surface water shortages and falling groundwater levels, widespread rural areas where individual and community supplies were going dry, urban area water rationing at 25 to 50 percent of normal usage, and environmental impacts.

Storage in major reservoirs had dropped to 54 percent of average, the lowest since 1977. The shortages led to stringent water rationing and severe cutbacks in agricultural production, including threats to survival of permanent crops such as trees and vines. Fish and wildlife resources were in critical shape as well. Not since the 1928-1934 drought had there been such a prolonged dry period. In response to those conditions, the Governor established the Drought Action Team. This team almost immediately created an emergency drought water bank to develop a supply for four critical needs: municipal and industrial uses, agricultural uses, protection of fish and wildlife, and carryover storage for 1992.

The large-scale transfer program, which involved over 800,000 acre-feet of water, was implemented in less than 100 days with the help and commitment of the entire water community and established important links between state agencies, local water interests, and local governments for future programs.

K.9.3 2007-2009 Drought

Water years 2007-2009 were collectively the 15th driest three-year period for DWR's eight-station precipitation index, which is a rough indicator of potential water supply availability to the State Water Project (SWP) and Central Valley Project (CVP). Water year 2007 was the driest single year of that drought and fell within the top 20 percent of dry years based on computed statewide runoff. In June 2008, a state emergency proclamation was issued due to water shortage in selected Central Valley counties. In February 2009, for the first time in its history, the State of California proclaimed a

statewide drought. The state placed unprecedented restrictions on CVP and SWP diversions from the Delta to protect listed fish species, a regulatory circumstance that exacerbated the impacts of the drought for water users.

The greatest impacts of the 2007-2009 drought were observed in the CVP service area on the west side of the San Joaquin Valley, where hydrologic conditions combined with reduced CVP exports resulted in substantially reduced water supplies (50 percent supplies in 2007, 40 percent in 2008, and 10 percent in 2009) for CVP south of Delta agricultural contractors. Small communities on the west side highly dependent on agricultural employment were especially affected by land fallowing due to lack of irrigation supplies, as well as by factors associated with current economic recession. The coupling of the drought and economic recession necessitated emergency response actions related to social services, such as food banks and unemployment assistance.

K.9.4 2012-2017 Drought

The statewide drought of 2012-2017 will be remembered as one of the most severe and costliest droughts of record in California. The drought that spanned water years 2012 through 2017 included the driest four-year statewide precipitation on record (2012-2015) and the smallest Sierra-Cascades snowpack on record (2015, with 5 percent of average). It was marked by extraordinary heat; 2014, 2015, and 2016 were California's first, second and third warmest years in terms of statewide average temperatures. By the time the drought was declared officially over in April 2017, the state had expended $6.6 billion in drought response and mitigation programs and had been declared a federal disaster area. The following discussion outlines the chronology of events and milestones reached during the drought as well as a summary of Executive Orders issued by the Governor, disaster assistance programs initiated, and grant programs designed to alleviate the impacts of the drought.

Following the dry water years of 2007-2009, water years 2010-2011 marked a return to slightly wetter than average conditions for most of the state. Precipitation in 2011 improved statewide reservoir storage, mitigating the dry conditions that occurred across most of the state in 2012. Although Northern California experienced a series of late November/early December storms in 2013, a record dry January through May resulted in dryness for most of the state, particularly the San Joaquin Valley and Southern California. The impacts of dry years during 2012 and 2013 were notably felt in the agricultural sector, especially rangeland grazing.

With the advent of an exceptionally dry water year in 2014, Northern California began experiencing the significantly below-normal precipitation that had characterized the southern part of the state in the prior years. A blocking high pressure ridge diverted storms away from the state during the key winter precipitation months of December and January, resulting in record warmth and dryness. Some locations in Northern California experienced 50 consecutive days with no measurable precipitation during months that historically exhibited maximum precipitation for the year.

The Governor responded to the continuing drought conditions by forming a state interagency Drought Task Force in December 2013 to provide a coordinated assessment of the dry conditions and recommendations on state actions. The continuing absence of precipitation led to a Governor's proclamation of emergency in January 2014 that ordered state agencies to take specified actions and called on Californians to voluntarily reduce their water usage by 20 percent. In March, the Legislature enacted, and the Governor signed, measures to provide $687.4 million for drought relief, with the largest amount of that funding ($549 million) dedicated to accelerated expenditure of Proposition 84 and Proposition 1E bond funds for grants to local agencies for integrated regional water management projects.

Above normal late spring 2014 precipitation ameliorated some of the worst-case water supply scenarios that had been considered earlier in the year. Hydrologic conditions did not improve sufficiently, however, to avoid record low allocations for some Central Valley Project (CVP) and State Water Project (SWP) contractors: zero to the CVP's agricultural contractors both north and south of the Delta, zero to the CVP Friant Division contractors, and 5 percent to SWP contractors. Water year 2014 marked the first time that the U.S. Bureau of Reclamation's Friant Division contractors received a zero allocation of their Class 1 water. Reflecting the very dry hydrology, the State Water Resources Control Board (SWRCB) imposed widespread curtailments of diversions in locations including parts of the Sacramento-San Joaquin River watershed and the Eel and Russian River watersheds, another action that had not been taken since 1977.

Close coordination among the water project operating agencies (U.S. Bureau of Reclamation and DWR), and the regulatory agencies (SWRCB, the U.S. Fish and Wildlife Service, and the National Marine Fisheries Service) was employed throughout the hydrologically challenging winter-spring water year 2014 runoff season. Decisions were made to balance impacts and to reserve water in storage to be able to meet critical needs such as cold water for salmon and health and safety needs for urban water users.

As the summer of 2014 wore on, increasing numbers of small water systems, often located on unreliable fractured rock groundwater sources in rural areas, were experiencing water shortages, as were rural residents dependent on private wells. Bulk water haulage and distribution of bottled water were used to help some rural communities.

Early seasonal rainfall in November and December 2014, delivered only a third of what would be needed to end the prolonged drought but combined with close coordination among federal and state agencies, allowed DWR to increase expected water deliveries for 2015 to most customers of the SWP from 10 to 15 percent of requested amounts. The SWRCB announced that the statewide urban water conservation rate climbed to 22 percent in December but declined steeply in during January 2015, which was considered the driest January since meteorological records have been kept. The March snowpack measurements taken by DWR indicated that the water content for the northern Sierra was 16 percent of average for the date. The central and southern Sierra readings were 20 percent and 22 percent of average, respectively. In response to the continuing dry winter, Governor Brown signed emergency legislation to fast track more than $1 billion in funding for drought relief and critical water infrastructure projects.

As the spring and summer of 2015 continued with little measurable precipitation, several new areas of drought response and mitigation were initiated, including construction of a temporary emergency barrier in the Sacramento-San Joaquin Delta to block saltwater from flowing into the central Delta and contaminating water supplies, and emergency actions designed to protect fisheries by releasing additional water into spawning rivers and relocating fish from threatened hatcheries. Additionally, the California Department of Housing and Community Development (HCD) and the California Building Standards Commission (CSBC) adopted new building codes to approve water efficiency requirements for both residential and non-residential construction, as well as schools and hospitals. Despite record-breaking heat in June and July, Californians continued to meet and surpass the Governor's 25 percent water conservation mandate, with a 27.3 percent reduction in water use in June and a 31.3 percent reduction in July.

Early predictions of an "El Nino" in water year 2016 led to a short-lived optimism that there might be a decline in the drought. Rain and snow levels this winter certainly improved from recent years, but not enough to draw the state out of the drought. Rain and snow levels during the winter varied significantly by region, with parts of

Northern California receiving-higher-than average precipitation and most of Southern California receiving below-average precipitation.

As of mid-April, the automated snow sensors showed snowpack conditions across the state at 70 percent of normal. Regionally, the northern Sierra was at 75 percent of average, the central Sierra was at 76 percent of average, and the southern Sierra was at 60 percent of average. Reservoir levels had increased throughout the state. Californians continued to conserve water, generally meeting the Governor's mandated target of 25 percent, and saving 1.19 million acre-feet of water from June 2015 through February 2016. However, groundwater conditions had not improved, with approximately 2,180 wells statewide being identified as critical or dry, affecting an estimated 10,900 residents, mostly in the Central Valley.

Water year 2017 (October 1, 2016, to September 30, 2017) surpassed the wettest year of record (1982-1983) in the Sacramento River and San Joaquin River watersheds and was close to the wettest year in the Tulare Basin (set in 1968-1969). Mountain snowpack was well above the April 1 seasonal averages throughout the Sierra Nevada, with the southern Sierra at more than 200 percent of average for the year to date.

The plentiful winter rain and unprecedented water conservation prompted the Governor to end the drought state of emergency on April 7, 2017, for all California counties except Fresno, Kings, Tulare, and Tuolumne, where emergency drinking water projects will continue to help address diminished groundwater supplies. Water reporting requirements and prohibitions on wasteful practices, such as watering during or right after rainfall, hosing off sidewalks, and irrigating ornamental turf in public street medians, will remain in effect for all Californians. The goal is to make conservation a way of life in California. The state will also continue its work to coordinate a statewide response on the unprecedented bark beetle outbreak in drought-stressed forests that has killed millions of trees across California. Although the severely dry conditions that afflicted much of the state starting in the winter of 2011-2012 are gone, damage from the drought will linger for years in many areas. The drought reduced farm production in some regions, killed an estimated 100 million trees, harmed wildlife and disrupted drinking water supplies for many rural communities. Another serious consequence that of land subsidence due to groundwater pumping, is discussed later in this section.

Table K-9. Drought Incidents in California

Year	Number of Events	Jurisdictions Affected (Counties, Unless Otherwise Noted)	Statewide Crop Damage
1972	1	Glenn, San Benito, Santa Clara	$8 million
1976 1977	1	Alpine, Calaveras, Colusa, Fresno, Glenn, Madera, Merced, San Diego, San Joaquin, Solano, Stanislaus, Sutter, Tuolumne, Alameda, Butte, Contra Costa, Kings, Los Angeles, Riverside, San Luis Obispo, Tulare, Yolo, Amador, Monterey, Napa, Nevada, San Benito, San Bernardino, Tehama, San Mateo, Marin	$2.67 billion
1988	1	Madera County location emergency was ratified every two weeks through 1991.	Not Available
1990	2	Santa Barbara (City and County)	0
1991	1	Alameda, Alpine, Colusa, Fresno, City of Orange Cove, Glenn, Kern, Kings, Lake, Madera, Marin, Mendocino, Monterey, Placer, Santa Barbara, City of Santa Barbara, Shasta, Siskiyou, Solano, Sonoma, Sutter, Tehama, Tulare, Tuolumne, and Yuba. Many of these emergencies continued through 1992.	U.S. Department of Agriculture -nationwide: $995 million for 1990-1991 crop loss. Additional $775 million in emergency funds for 1990-1992 crop losses.
2001	5	Del Norte, Modoc, Siskiyou, Inyo, Humboldt, Kern, Los Angeles, Ventura, Mono, Lassen, Plumas, San Bernardino, Santa Barbara, Sierra, Shasta, Trinity	Not Available
2002	3	Alpine, Amador, Calaveras, Imperial, Modoc, Nevada, Orange, Placer, Riverside, San Bernardino, Sierra, Stanislaus	$12,100
2007	1	Kings, Riverside	(data pending)
2008	1	Fresno, Kern, Kings, Madera, Merced, Sacramento, San Joaquin, Stanislaus, Tulare	(data pending)
2009	1	Fresno	(data pending)
2012	1	All counties	(data pending)
2013	1	All counties	(data pending)
2014	1	All counties	$810 million
2015	1	All counties	$900 million
2016	1	All counties	$921 million

Sources: Cooley et al. (2016), Howitt et al. (2015) http://pacinst.org/publication/impacts-of-californias-ongoing-drought-agriculture/, https://watershed.ucdavis.edu/files/biblio/Final_Drought%20Report_08182015_Full_Report_WithAppendices.pdf, Cal OES Individual Assistance Section, SBA Declarations/USDA Designations database; Cal OES Origins and Development- A Chronology 1917- 1999

Figure K-11 shows the pattern of drought-declared disasters in California over the past 67 years. While heaviest concentrations are centered in the Central Valley area, no part of the state is immune from drought disaster.

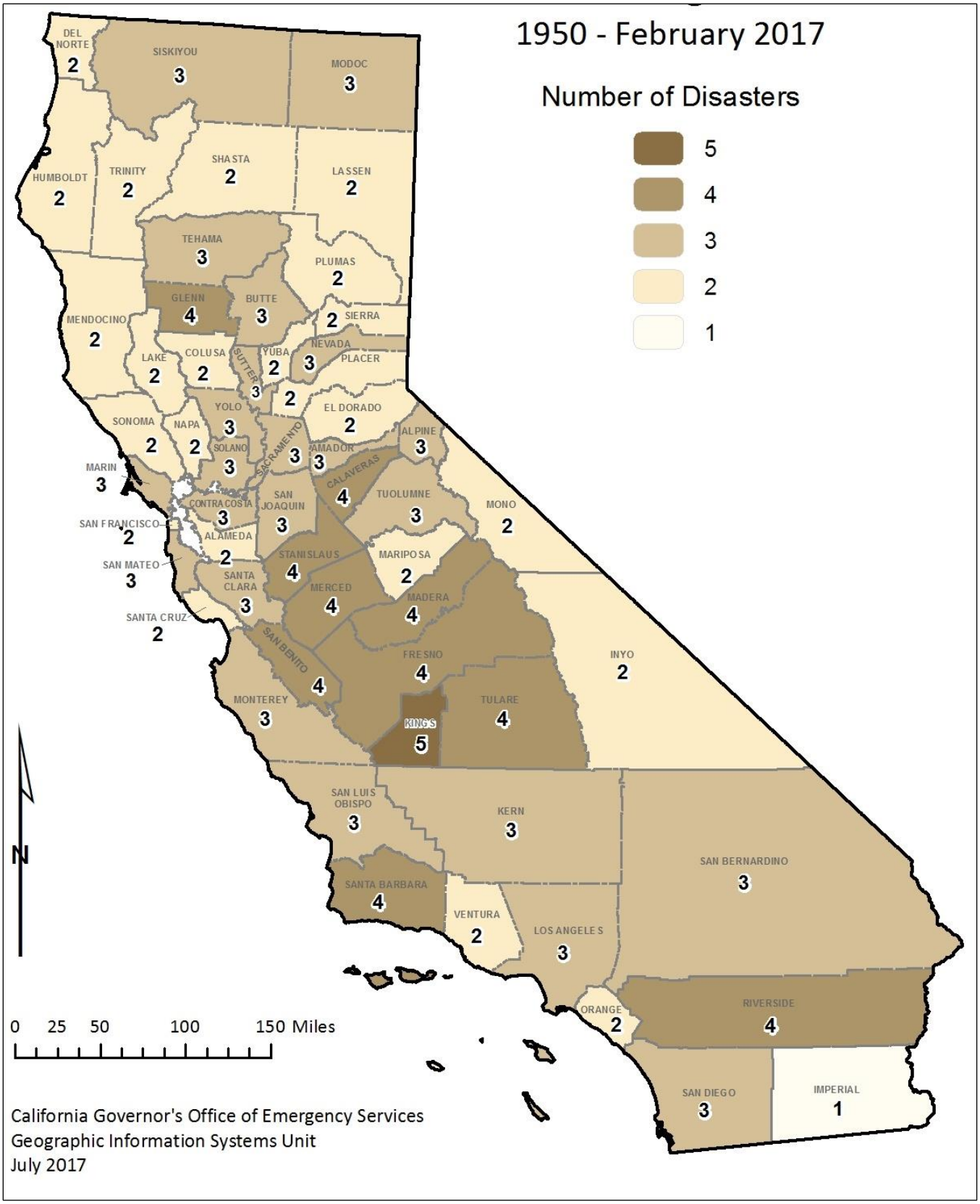


Figure K-11. State and Federal Declared Drought Disasters, 1950-February 2017

K.10 ENERGY SHORTAGE AND ENERGY RESILIENCY

The following is a history of energy shortage events that impacted California between 2001 and 2017.

- **January 17, 2001, Northern California** – CAISO declared a Stage 3 Emergency and notified the Governor's Office of Emergency Services (Cal OES) that Pacific Gas and Electric Company (PG&E) was dropping firm load of 500 megawatts (MW) in Northern California leading to rolling blackouts. Cal OES, in turn, issued an Electrical Emergency Message to all Emergency Services Agencies to prepare for rolling blackouts. This scenario was repeated the following day, January 18, 2001, and again on March 19, 2001.
- **July 2006, Statewide** – A July 2006 heat storm event affected the entire state as well as most of the West, producing record energy demand levels in California. The state was able to avoid rotating outages due to a combination of favorable factors that included no major transmission outages, lower than typical generator outages, significant customer response to pleas for energy conservation, high imports from the Pacific Northwest despite unusually high loads, outstanding cooperation among western control area operators, and prompt response to fires that potentially threatened major interties. However, the event brought to light the vulnerability of the electric distribution system, as over 3,500 distribution transformers failed, leaving over two million customers without power at various times over the ten-day event, many for several hours and a small minority for up to three days.
- **September 8, 2011, Southern California** – An 11-minute system disturbance occurred in the Pacific Southwest, leading to cascading outages and leaving approximately 2.7 million customers without power. The outages affected parts of Arizona, Southern California, and Baja California, Mexico. All of the San Diego area lost power, with nearly 1.5 million customers losing power, some for up to 12 hours. The disturbance occurred near rush hour, on a business day, snarling traffic for hours. Schools and businesses closed, some flights and public transportation were disrupted, water and sewage pumping stations lost power, and beaches were closed due to sewage spills. Millions went without air conditioning on a hot day.
- **October 23, 2015, San Fernando Valley** – Southern California Gas Company discovered a leak in one well within its Aliso Canyon storage field in the northern San Fernando Valley. The company stores natural gas underground at this storage field until it is pumped up and delivered to its customers. This storage field and others in California help meet peak seasonal demand for natural gas in the state during the winter months. Attempts to plug, or kill, the leaking well failed in November and December 2015. During that time actions were taken to reduce the amount of gas leaking from the facility, including withdrawing gas to reduce the gas pressure, and curtailing injections of gas into the storage facility.

Recognizing that the storage field could be out of service or available only at reduced capacity for an extended period, the California Energy Commission (CEC), California Public Utilities Commission (CPUC), Department of Conservation Division of Oil, Gas, and Geothermal Resources (DOGGR), Cal OES, and other state agencies, as well as CAISO and the Los Angeles Department of Water and Power (LADWP), began assessing the potential impacts on natural gas and electricity reliability. Although the levels of methane gas escaping from the leak were too low to raise flammability concerns, the additive odorant called Scentinel T-50 was shown to cause limited short-term eye and skin irritation to residents of Porter Ranch, the closest community to the Aliso Canyon facility. The California Department of Public Health published a fact sheet on its website to educate residents on the public health impacts and to inform residents that Southern California Gas Company would temporarily relocate residents who were experiencing health effects.

- **February 18, 2016, Aliso Canyon** – State officials announced that the leak was permanently plugged after 119 days. Although the well had stopped leaking, the DOGGR maintained the moratorium prohibiting Southern California Gas Company from injecting natural gas for storage at the facility until completion of a comprehensive safety review. This safety review required all 114 wells at the Aliso Canyon storage facility to be either thoroughly tested for safe operation or removed from operation and isolated from the underground reservoir. The Natural Gas Storage: Moratorium 2015-2016 (SB 380) codified this directive.
- **July 19, 2017, Aliso Canyon** – State regulators confirmed the safety of the Aliso Canyon natural gas storage facility and cleared Southern California Gas Company to resume limited injections at the field to help prevent energy shortages, once certain conditions were met. That same day, the CEC issued a letter to the California Public Utilities Commission (CPUC) urging it to plan for the permanent closure of the facility within 10 years.

K.11 EPIDEMIC/PANDEMIC/VECTOR BORNE DISEASE

K.11.1 Pandemic Influenza

In 2009 a pandemic of H1N1 influenza, popularly referred to as the swine flu, resulted in many hospitalizations and deaths. Pandemic H1N1 influenza is spread in the same way as seasonal influenza, from person to person through coughing or sneezing by infected people.

K.11.2 Mosquito-Borne Viruses

Mosquito-borne viruses belong to a group of viruses commonly referred to as arboviruses (for arthropod-borne). Although 12 mosquito-borne viruses are known to

occur in California, only West Nile virus (WNV), western equine encephalomyelitis virus (WEE), and St. Louis encephalitis virus (SLE) are significant causes of human disease. WNV continues to seriously affect the health of humans, horses, and wild birds throughout the state. Since 2003, there have been over 6,000 WNV human cases with 248 deaths, and over 1,200 equine cases. Consequently, the California Arbovirus Surveillance Program emphasizes forecasting and monitoring the temporal and spatial activity of WNV, WEE, and SLE. These viruses are maintained in wild bird-mosquito cycles that do not depend upon infections of humans or domestic animals to persist. Surveillance and control activities focus on this maintenance cycle.

Figure K-12 illustrates WNV activity around the state as of mid-2018. Table K-10 summarizes WNV activity for the period of 2003 to 2016. In 2016, 19 fatal human cases of WNV were recorded, down from the previous year. Current information on incidence of WNV is available on the website maintained by CDPH at: www.westnile.ca.gov.

Table K-10. West Nile Virus Activity, 2003-2016

	Number of Cases by Year					
Element	**Human Cases (fatal)**	**Horses**	**Dead Birds**	**Mosquito Samples**	**Sentinel Chickens**	**Squirrels**
2003	3[a] (0)	1[b]	96	32	70	-
2004	779 (29)	540	3,232	1,136	809	49
2005	880 (19)	456	3,046	1,242	1,053	48
2006	278 (7)	58	1,446	832	640	32
2007	380 (21)	28	1,396	1,007	510	26
2008	445 (15)	32	2,569	2,003	585	32
2009	112 (4)	18	515	1063	443	10
2010	111 (6)	19	416	1305	281	24
2011	158 (9)	15	688	2087	391	24
2012	479 (20)	22	1,644	2,849	540	23
2013	379 (15)	13	1,251	2,528	485	0[c]
2014	801 (31)	0[c]	2,442	3,340	443	0[c]
2015	782 (53)	0[c]	1,349	3,329	449	0[c]
2016	442 (19)	0[c]	1,352	3,528	343	0[c]
Total	6,029 (248)	1,202	21,442	26,281	7,042	276

a. Plus 20 imported human cases
b. Plus three imported horse cases
c. No longer monitored
Source: www.westnile.ca.gov

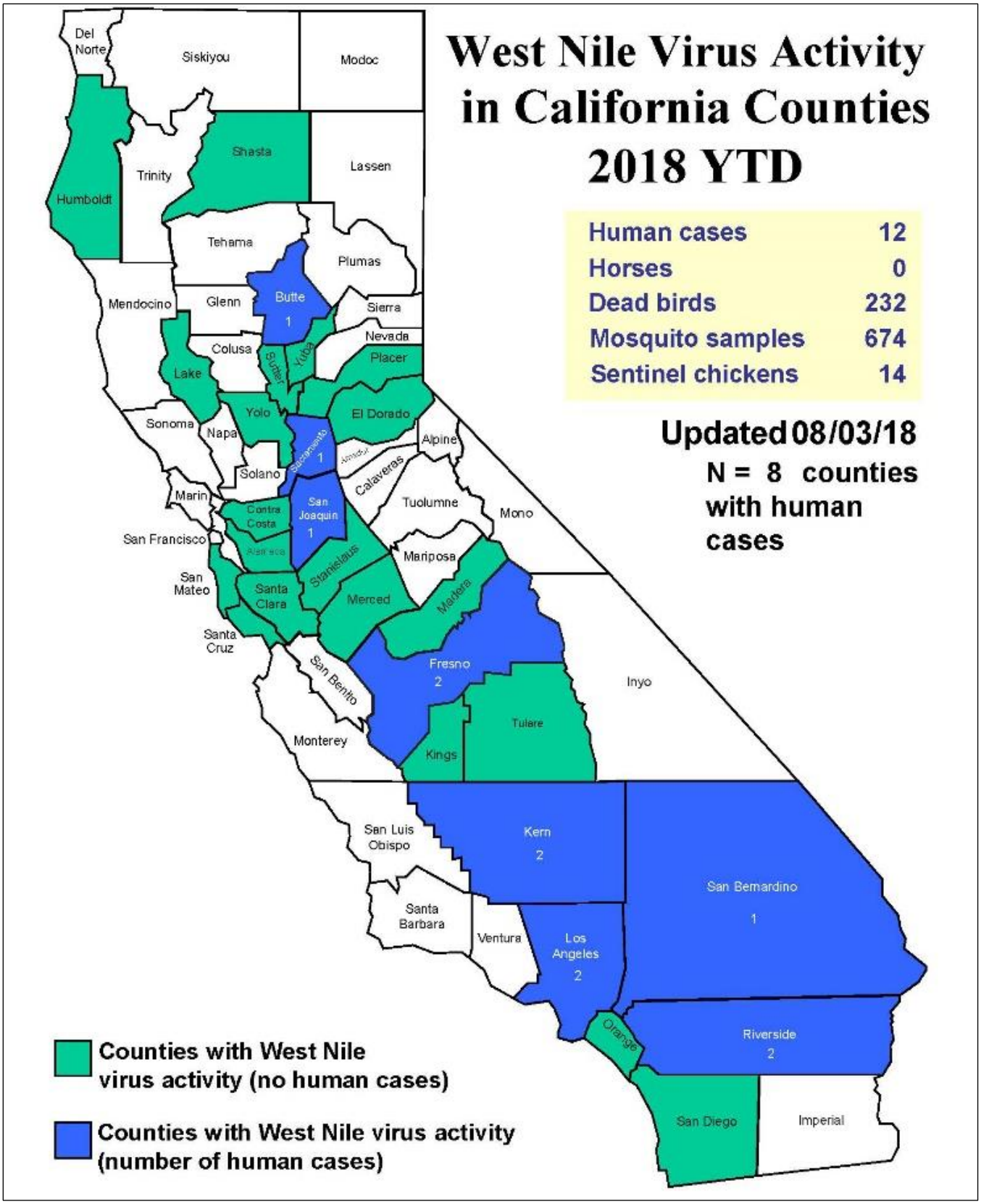


Figure K-12. West Nile Virus Activity in California Counties

K.11.3 Exotic Aedes Mosquitoes

Two invasive (non-native) mosquito species have been found since 2011 in numerous California cities, and there is a potential for them to continue to spread into other areas of California. The two species are Aedes aegypti (the yellow fever mosquito) and Aedes albopictus (the Asian tiger mosquito). As of 2017, these mosquitoes are found in 12 counties, primarily in Central and Southern California. For more information, visit: https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/AedesDistributionMap.pdf.

K.11.4 Lyme Disease

Figure K-13 shows Western black-legged tick and Lyme disease incidence in California. The Western black-legged tick is commonly found in all green areas shown on the map; dark green areas on the map show where reported Lyme disease cases most often had exposure.

K.11.5 Valley Fever

Most cases of Valley Fever in the U.S. occur in people who live in or have traveled to the southwestern United States, especially Arizona and California. Figure K-14 shows the areas where the fungus that causes Valley Fever is thought to be endemic, or native and common in the environment. The full extent of the current endemic areas is unknown and is a subject for further study.

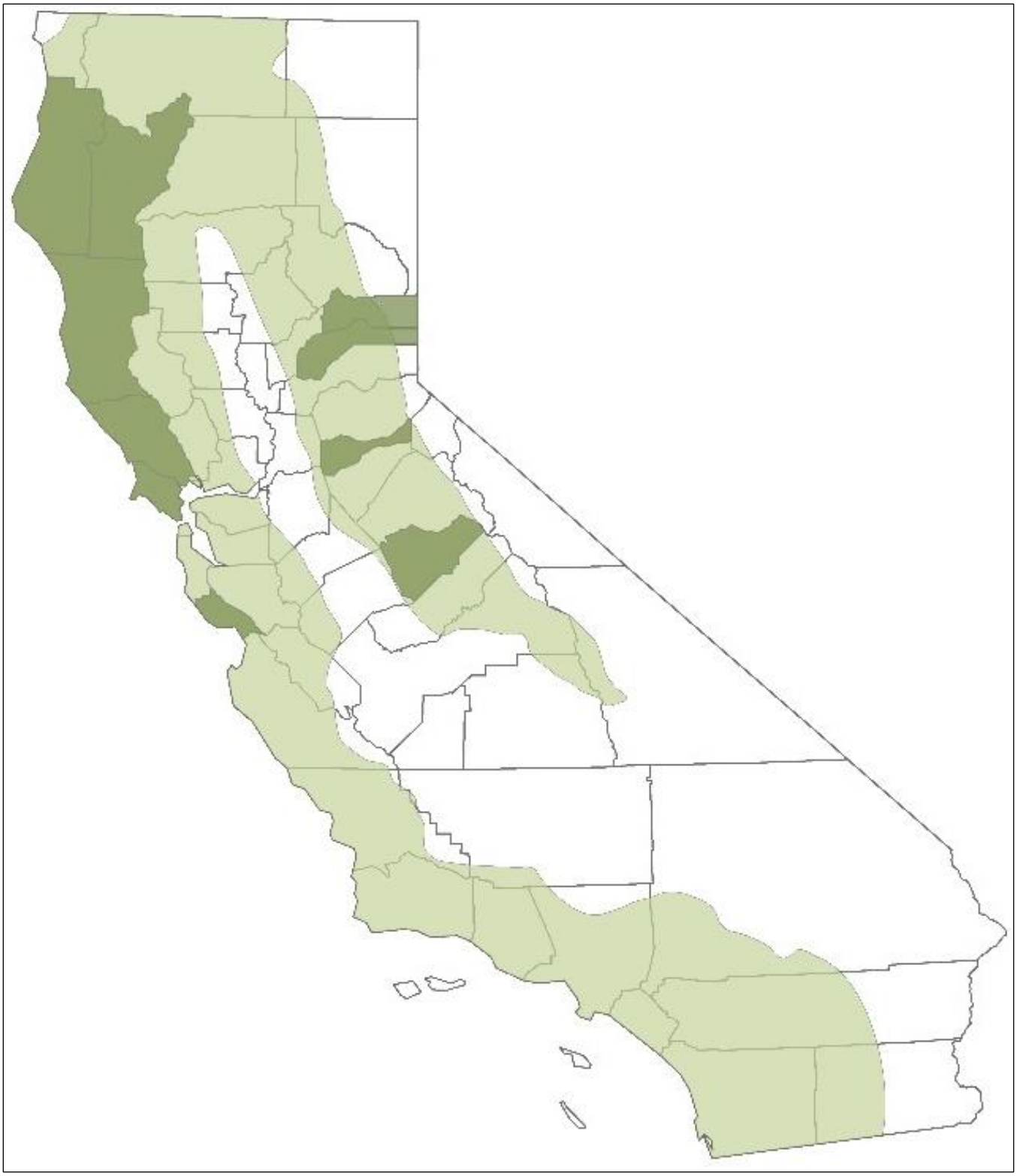


Figure K-13. Western Black-legged Tick and Lyme Disease Incidence in California

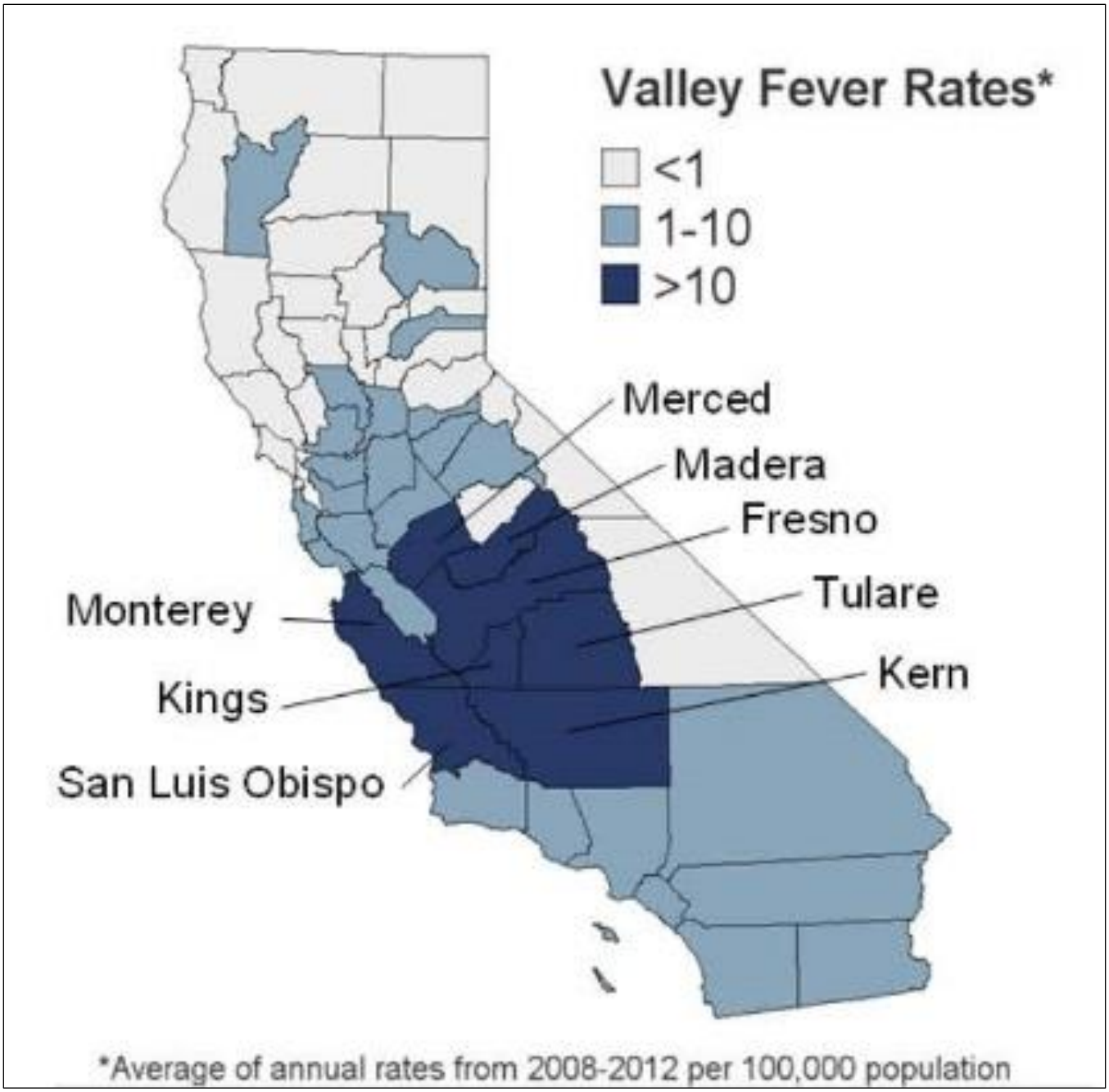


Figure K-14. Valley Fever Average Annual Rates by California County

K.12 EXTREME HEAT

Heat waves do not cause damage or elicit the immediate response that floods, fires, earthquakes, and other disasters do. However, they have claimed many more lives when compared with other disasters. The worst single heat wave event in Southern California for loss of life occurred in 1955, when an eight-day heat wave is said to have

resulted in 946 deaths. The summer 2006 heat wave in California caused the deaths of about 650 people over a 13-day period. In comparison, other types of disasters, such as recent earthquakes and fires, have caused in fewer deaths. For example, the 1989 Loma Prieta Earthquake resulted in 63 deaths, while the 1992 Northridge Earthquake was responsible for the loss of 55 lives. The catastrophic 2003 Southern California firestorms resulted in 24 deaths.

K.13 FREEZE

Figure K-15 shows the pattern of declared freeze disasters in California since 1950. Greatest concentrations are in the Central Valley, followed by areas north and south of the San Francisco Bay Area and portions of Southern California. Table K-11 lists freeze disasters that have occurred in the state since 1950.

K.14 SEVERE WEATHER AND STORMS

The information in Table K-12 extends back to 1993 because that is the year that Cal OES began tracking disaster recovery history information. The 1993 storm was the first federally declared flood disaster since Stafford Act implementation began in 1988.

As shown in Table K-13, between 1950 and 2017, 354 tornadoes occurred in California, resulting in 87 injuries and more than $103 million in property damage, as well as $267,000 in reported crop damage. No known deaths occurred as a result of California tornadoes, however, and the state has never proclaimed a state of emergency or had a federal disaster declared as the result of a tornado event.

Of the 354 tornadoes that occurred in California between 1950 and 2017, only 2 reached F3; 23 were F2, 93 were F1, and the remaining 236 were at F0. Based on the number of events within the recorded period, in the 67 years between 1950 and 2017, the average recurrence interval of an F0 tornado was about 3.7 per year; the interval for an F1 tornado was about 1.5 per year, the interval for an F2 tornado was approximately once every 2 years, and the interval for an F3 tornado was once every 28 years. However, both F3 tornadoes occurred within a five-year period (1973-1978). The biggest risks of tornadoes in California include light to moderate damage to homes, destruction of mobile homes, and injuries caused by light object projectiles.

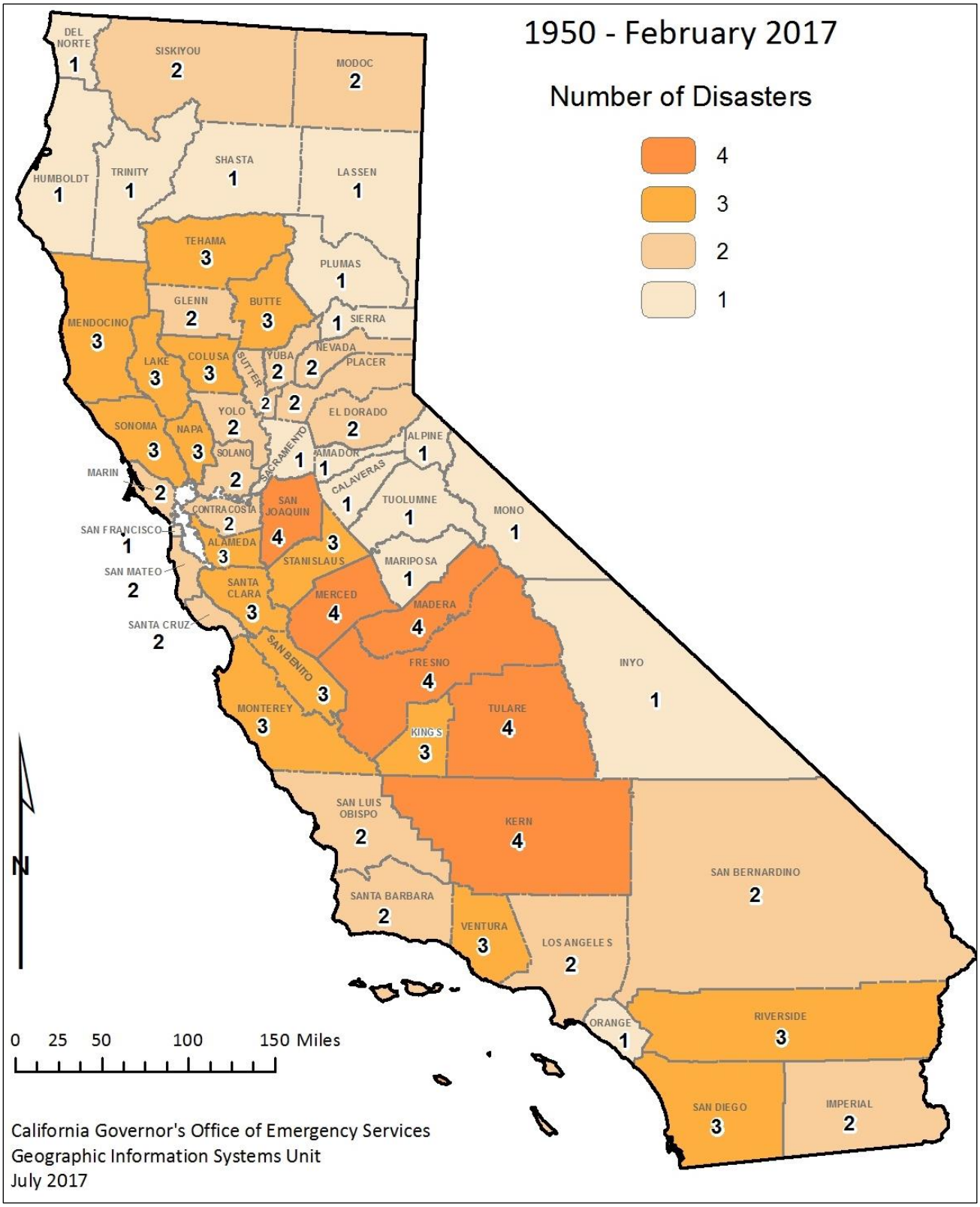


Figure K-15. State and Federal Declared Freeze Disasters, 1950-February 2017

Table K-11. Freeze Disasters, 1950 to Present

Year*	Number of Incidents	Counties Affected	Crop Damage
1969	1	San Diego	$10 million
1972	2	Colusa, El Dorado, Fresno, Kern, Kings, Lake, Madera, Merced, Modoc, Nevada, Placer, San Benito, San Joaquin, Santa Clara, Stanislaus, Siskiyou, Tehama, Tulare	$113.5 million
1973	1	Alameda, Contra Costa	$8-$10 million
1990	1	Alameda, Butte, Colusa, Fresno, Glenn, Imperial, Kern, Los Angeles, Madera, Marin, Merced, Mendocino, Monterey, Napa, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Solano, Sonoma, Stanislaus, Sutter, Tehama, Tulare, Ventura, Yolo, Yuba	$852.4 million
1998 99	1	Fresno, Kern, Kings, Madera, Merced, Monterey, Tulare, Ventura	N/A
2001	3	Butte, Colusa, Fresno, Glenn, Madera, Mariposa, Merced, Plumas, Sutter, Tehama, Tuolumne, Yuba	N/A
2002	5	Butte, Colusa, Glenn, Lake, Marin, Mendocino, Napa, Orange, Riverside, Sacramento, Shasta, Sonoma, Tehama, Trinity	N/A
2007	1	Alameda, Amador, Calaveras, El Dorado, Fresno, Glenn, Imperial, Kern, Kings, Lake, Los Angeles, Madera, Marin, Mendocino, Merced, Monterey, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Solano, Stanislaus, Tulare, Ventura, Yolo, Yuba	$1.3 billion
2008	11	Alameda, Amador, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Madera, Marin, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Sacramento, San Joaquin, San Mateo, Santa Clara, Shasta, Siskiyou, Stanislaus, Solano, Sonoma, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba	$137,000
2009	15	Alameda, Amador, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Madera, Marin, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Sacramento, San Joaquin, San Mateo, Santa Clara, Shasta, Siskiyou, Stanislaus, Solano, Sonoma, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba	N/A
2010	9	Fresno, Kern, Kings, Madera, Mariposa, Merced, Modoc, Siskiyou, Tulare	N/A
2011	10	Del Norte, Fresno, Humboldt, Kern, Kings, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Napa, Siskiyou, Sonoma, Trinity, Tulare	$300.44 million
2012	12	Fresno, Kern, Kings, Madera, Mariposa, Merced, Modoc, Siskiyou, Tulare	N/A
2013	19	Fresno, Imperial, Kern, Kings, Madera, Mariposa, Merced, Modoc, Riverside, San Bernardino, Siskiyou, Tulare	$440.35 million
2014	12	Fresno, Kern, Kings, Madera, Mariposa, Merced, Modoc, Siskiyou, Tulare	N/A
2015	14	Fresno, Imperial, Kern, Kings, Madera, Mariposa, Merced, Modoc, Riverside, San Bernardino, Siskiyou, Tulare	N/A
2016	6	Kern, Modoc, Siskiyou	N/A

Sources: Cal OES Individual Assistance Section, 2001 & 2002 SBA Declarations/ USDA Designations database; Cal OES Origins and Development - A Chronology 1917-1999; NOAA Storm Events Database, 2008-2016

Table K-12. Federally Declared Storm Disasters Since 1993 (as of February 2018)

Disaster #[a]	Date[a]	# of Counties Affected[b]	# of Deaths[c]	Damage in $[b]
DR-979	Jan-Mar 1993	20	20	$175,734,172
DR-1046	Feb-Apr 1995	41	17	$110,327,382
DR-1044	Jan-Feb 1995	33	11	$143,991,187
DR-1155	Dec 1996-Apr 1997	47	8	$174,408,427
DR-1203	Feb-Apr 1998	43	17	$367,638,469
DR-1577	Dec 2004-Jan 2005	7	0	$258,456,701
DR-1585	Feb 2005	7	0	$77,765,373
DR-1628	Dec 2005-Jan 2006	13	0	$155,861,541
DR-1646	Mar-Apr 2006	17	0	$35,332,696
DR-1884	Jan-Feb 2010	6	2	$28,328,920
DR-1952	Dec 2010-Jan 2011	12	0	$75,384,562
DR-4301	Jan 2017	34	–	$78,667,600
DR-4302	Jan 2017	Hoopa Valley Tribe	–	$3,296,420
DR-4305	Jan 20147	22	–	$39,993,640
DR-4308	Feb 2017		–	$199,828,031
DR-4312	Feb 2017	Resighini Rancheria	–	$269,935
TOTAL				**$2,112,685,689**

a. Source: https://www.fema.gov/disasters;
b. Source: Cal OES disaster database (Oracle) tracks the amount of obligated funds (Public Assistance and California Disaster Assistance Act [CDAA] funds)
c. Information regarding number of deaths from storm related disasters is not available as of February 2018

Table K-13. Tornado Losses, 1950-2017

Magnitude	Number	Injuries[a]	Property Damage[a]	Crop Damage[a]
F0	236	8	$38 million	$212,000
F1	93	26	$18 million	$55,000
F2	23	47	$45 million	N/A
F3	2	6	$2.5 million	N/A

a. 2013-2017 updates pending
Source: The Tornado Project (www.tornadoproject.com), NOAA national climate data center

K.15 TREE MORTALITY

In California, drought is a recurring event and a catalyst for thousands of acres of stressed trees, bark beetle outbreaks, and extremely high levels of tree mortality. Due to the drought, tree mortality levels have substantially increased in forests in California over the past several years. Figure K-16 identifies all tree mortality recorded between 2012 and 2017 throughout the state.

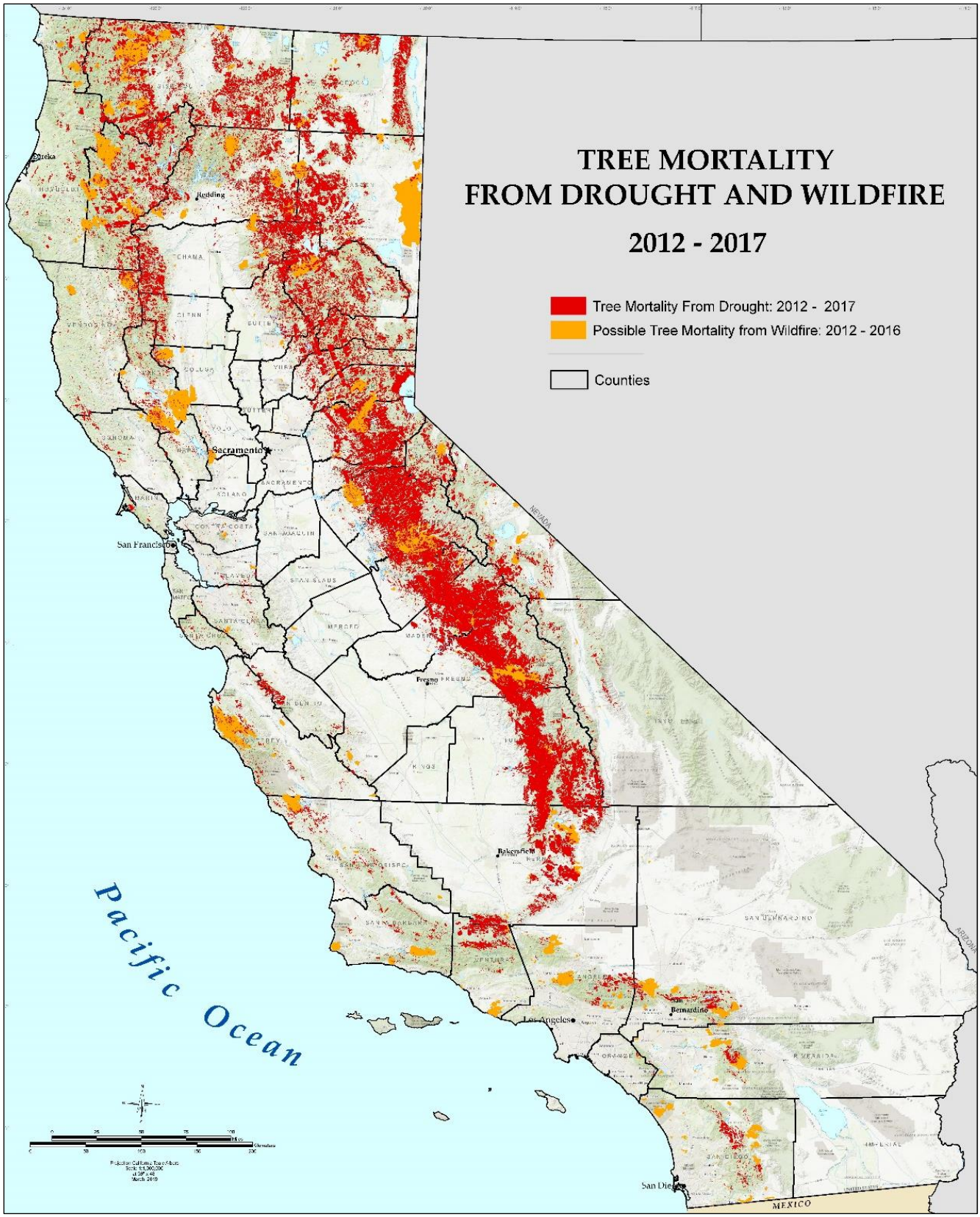


Figure K-16. Tree Mortality from Drought and Wildfire, 2012-2017

An estimated 29 million trees covering three million acres died in 2015 alone. From 2010 through the fall of 2017, approximately 129 million trees died on 8.9 acres.

Tree mortality is occurring statewide but is particularly dramatic on the west side of the southern Sierra Nevada range and in parts of the Transverse range. As of 2017, there are over one million acres with high levels of tree mortality across the Stanislaus, Sierra, and Sequoia National Forests. Forest managers are recording 50 percent to greater than 75 percent conifer mortality between 3,000 to 6,000 feet elevation.

K.16 HAZARDOUS MATERIAL RELEASE

Accidental hazardous materials releases occur many times during any given day. Most incidents are minor, but some do cause significant impacts such as injuries, evacuation, and the need for cleanup.

Table K-14. Hazardous Materials Releases Incidents in California

Date	Location	Disaster
1964	Alaska	Earthquake (magnitude 9.2) and tsunamis
Standard Oil Company's storage tanks toppled; break in hose connections to tanker loading diesel fuel; fire; rail cars exploded; Texaco bulk oil storage yard ignited.		
1971	San Fernando	Earthquake (magnitude 6.6)
100 natural gas leaks responded to by fire departments; one-third caused fires; also 18 hazardous materials leaks, 12 of which caused fires.		
April 28, 1973	Roseville	N/A
A railroad accident focused national attention on the hazards of munitions involved in fires. A hot brake shoe ignited the oak-wood floor of a Department of Defense boxcar carrying 250-pound bombs filled with Tritonal (TNT/aluminum). The bombs were being transported from the Naval Ammunition Depot in Hawthorne, Nevada, to the ship load-out port facility at the Naval Weapons Station in Concord, California. The train had just entered the yard in Roseville when a fire was observed coming from one of the boxcars. The fire department was summoned but, before they could act, a large explosion demolished a boxcar and spread the fire. Over a period of approximately 32 hours, 18 boxcars exploded in succession. The railroad yard was essentially destroyed. No one was killed but about 100 people were injured. There was about $24 million in property damage to the railroad yard and the surroundings. The litigation that followed lasted for several years and cost the government millions of dollars.		
1983	Coalinga	Earthquake (magnitude 6.7)
Many natural gas line breaks; at least nine hazardous materials releases, including a spill of strong acids and bases at a community college; one caused a fire.		
1987	Whittier Narrows	Earthquake (magnitude 6.1)
1,411 natural gas line breaks, 3 of which caused fires; 30 hazardous materials releases.		

Date	Location	Disaster
1989	Loma Prieta	Earthquake (magnitude 6.7)
Hundreds of natural gas leaks; over 300 releases of hazardous materials, including asbestos.		
1994	Northridge	Earthquake (magnitude 6.8)
More than 15,000 natural gas leaks; over 200 fires; hazardous materials problems at 134 locations; 60 incidents requiring offsite hazardous materials response; fires and hazardous materials releases at California State University (CSU) Northridge science laboratory complex.		
August 6, 2012	Richmond	N/A
Following a leak and the subsequent ignition of diesel fuel, a series of explosions and fires occurred at Chevron's refinery in Richmond, California. Thousands of East Bay residents were ordered to stay in their homes (shelter in place) with the windows and doors closed. Fortunately, there were no fatalities, but one refinery worker suffered burns to his wrist and was treated at the onsite clinic.		

Sources: Lindell and Perry, 1996; Perkins and Wyatt, 1990; Lindell and Perry, 1997

K.17 OIL SPILLS

The following is a discussion of historic oil spills that have either occurred in California or have contributed to environmental legislation and regulatory requirements for the oil industry.

Table K-15. Summary of California and Other Significant Oil Spills

Spill	Date	Area Affected	Estimated Amount
Lakeville Gusher -Kern County	May 14, 1910–September 1911	Not available	378,000,000 gallons (9,000,000 barrels)
Known as the Lakeville Gusher, this incident involved an oil well that blew out on March 15, 1910. The oil well was being drilled at 2,440 feet below the surface in Kern County between the towns of Taft and Maricopa. The well was drilled into a high-pressure oil-bearing zone. The uncontained oil blew much of the steel casing out of the well and resulted in an estimated 9 million barrels of crude oil pouring from the ground. This was considered the largest documented oil spill in history and has only recently been surpassed by the Deepwater Horizon Oil Spill in the Gulf of Mexico. To mitigate the spread of oil, workers circled the well with sandbags and built an earthen dam 20 feet high and 50 feet thick in the canyon mouths above the well to prevent flash flooding from further dispersing the oil. The well ultimately caved in and sealed itself on September 9, 1911, nearly 18 months after it blew. The site is designated as California Historical Landmark Number 485.			
Santa Barbara	January 28, 1969–February 8, 1969	35 miles mainland coastline;800-square mile slick	3,000,000 gallons (102,620 barrels)
3,600 birds, seals, dolphins, fish, intertidal invertebrates $17 million in lawsuit settlements for property damage			
Exxon Valdez	March 24, 1989	1,300 miles of shoreline	11,000,000 gallons (257,000 barrels)
Although the 1989 Exxon Valdez oil spill in Prince William Sound, Alaska did not directly affect the California environment or economy, it is significant for several reasons. First, it highlights the interconnectivity of oil production and distribution systems. The Exxon Valdez was en route from the			

Spill	Date	Area Affected	Estimated Amount
Alyeska Pipeline Terminal to Long Beach, California when it ran aground, rupturing 8 of the 11 cargo tanks holding crude oil. Secondly, although in size the spill is no longer listed in the top 50 international oil spills, it is still considered to be one of the largest in terms of environmental damage. Finally, because of the environmental impacts, the Exxon Valdez oil spill resulted in landmark environmental legislation and more rigorous oil industry regulations. 250,000 seabirds, 2,800 sea otters, 300 harbor seals, 250 bald eagles,33 killer whales, billions of salmon and herring eggs $2.1 billion for clean-up by Exxon			
American Trader	February 7, 1990	About 13 miles of coastline plus offshore area	416,598 gallons
On February 7, 1990, off Huntington Beach, California, the oil tanker American Trader ran over its anchor, puncturing its hull and spilling an estimated 416,598 gallons of crude oil. An estimated 3,400 birds and an unknown number of fish were killed, and recreational beach use was seriously disrupted. The biological component of the resulting litigation was settled out of court for $3.45 million for bird- and fish-related injuries, plus an additional $360,000 for water monitoring projects, while the recreational component was eventually settled, following a jury trial, for $11.6 million. For more information, visit: https://www.wildlife.ca.gov/OSPR/NRDA/american-trader.			
Guadalupe Oil Field - San Luis Obispo	1950s–1994	2,700 acres	9,000,000-12,000,000 gallons (212,570 barrels)
The Guadalupe Dunes oil spill typifies another variety of oil spill that can occur in California. The Guadalupe-Nipomo Dunes, located along the southern coast of San Luis Obispo County, is one of the largest dune complexes along the California coast, measuring approximately 15,500 acres. Oil exploration and production began in the area in the late 1940s. By 1953, Unocal Corporation was producing up to 2,000 barrels of oil per day from 34 wells. Oil field operations continued until March 1990 with gradual expansion to 215 wells producing approximately 4,500 barrels per day. Because of the highly viscous nature of the oil being extracted from the field, diluent (a diesel-like crude oil thinner) was introduced in the 1950s to assist in the production and transportation of the heavy crude. A 145-mile network of pipelines was built across the dunes to carry the diluent. Over the years, the pipelines rusted and became buried in the shifting sands, where they sprang leaks in 80 to 90 places, releasing as much as 12 million gallons of diluent into the dunes, beach, groundwater, and the Pacific Ocean. The spill came to the attention of state officials when an oily sheen was noticed by surfers and sea lions and seals began washing up dead on the shore. On March 23, 1994, a lawsuit was filed by the California State Attorney General, the California Department of Fish and Wildlife, the California Regional Water Quality Control Board Central Coast Region, the California Department of Toxic Substances Control, and the Coastal Conservancy against Union Oil Company of California. The state plaintiffs alleged in this action that on numerous occasions since Unocal began using diluent at the Guadalupe oil fields, oil had leaked from the pipelines and storage tanks at numerous locations into the groundwater, surface water, and marine water. An agreement was reached between the parties in July 1998, for $43,800,000, of which $9 million was allocated for dune restoration activities. Six state and federal agencies now oversee the cleanup activities. Unocal has dismantled and removed the pipelines, storage tanks, and other infrastructure related to the oil field operations.			
Cosco Busan - San Francisco Bay	November 7, 2007	200 miles of coastline	58,000 gallons (1,375 barrels)
This San Francisco oil spill occurred on November 7, 2007, as a result of a container ship, the M/V Cosco Busan, striking the fender surrounding a footing of the western span of the San Francisco Bay Bridge. The collision caused no substantial damage to the bridge and the ship hull ruptured, causing medium-grade fuel oil to leak from its tank. Unlike oil tankers, container and cargo ships are not required to have double hulls, a regulation that was adopted following the Exxon Valdez oil spill discussed earlier.			

Spill	Date	Area Affected	Estimated Amount
Numerous local jurisdictions border the bayfront coastline and were affected by the oil spill. Local proclamations were issued by the counties of Alameda, Contra Costa, Marin, San Francisco, San Mateo, Solano, and Sonoma; the cities of Albany, Berkeley, and Oakland; and the East Bay Regional Park District. The Governor's proclamation covered the City and County of San Francisco and the counties of Alameda, Contra Costa, Marin, San Mateo, Solano, and Sonoma. The incident period for the event closed nearly one year following the oil spill on October 31, 2008. Numerous state and federal agencies were involved in the oil spill response, cleanup, and subsequent investigations, including the United States Coast Guard (USCG), California Department of Fish and Wildlife Office of Oil Spill Prevention and Response (OSPR), and California Environmental Protection Agency (CalEPA) Office of Environmental Health Hazard Assessment (OEHHA). The 226 identified affected shoreline sites were ranked based on spill specifics such as the location of the release, nature of the release, volume of the release, and other established criteria. (For details on the oil spill response organization and activities, please see the Cosco Busan San Francisco Bay Area Oil Spill After Action/Corrective Action Report published by the California Emergency Management Agency, now Cal OES.) Two new response and cleanup initiatives were developed as a result of this oil spill: the Department of Fish and Wildlife developed Shoreline Cleanup and Assessment Techniques (SCAT) teams to oversee beach and shoreline cleanup, and, OSPR has taken a lead role in expanding its convergent volunteer program to include opportunities outside of wildlife rehabilitation.			
Deepwater Horizon - Gulf of Mexico	April 20, 2010–July 15, 2010	2,500-square-mile slick	180,000,000 gallons (4,900,000 barrels)
The Deepwater Horizon oil spill occurred in the Gulf of Mexico on April 20, 2010, as a result of an explosion that killed 11 platform workers and injured 17 others. It is the largest offshore marine oil spill in United States history. After releasing approximately 4.9 million barrels of crude oil, the leak was stopped by capping the wellhead. The spill caused extensive damage to marine and wildlife habitats as well as the Gulf's fishing and tourism industries. While a six-month moratorium on offshore drilling was imposed after the explosion, the moratorium was lifted shortly thereafter by the United States District Court. Investigations into the causes of the explosion and spill were conducted by the United States Coast Guard (USCG), Minerals Management Service (MMS), National Academy of Engineering, National Commission on the BP Deepwater Oil Spill and Offshore Drilling, United States House Committee on Energy and Commerce, and others.			
Refugio Oil Spill – Plains All America Pipeline	May 19, 2015	Approximately 7 miles of coastline	123,000 gallons
On May 19, 2015, a 24-inch subterranean pipeline owned and operated by Plains All America Pipeline ruptured on the Gaviota Coast, west of Refugio State Park. Much of the crude oil spilled ran down a storm drain and into a ravine under the freeway and entered the ocean. The size of the spill ranged from 100,000 to 140,000 gallons, covering the Santa Barbara County coastline and extending nearly 9 miles out into the ocean. Various agencies, including local, county, state, and federal partners, were involved in response and recovery efforts, with the participation of approximately 1,300 field and 325 incident command post personnel. Notifications from the county to state and federal partners were aligned with the Santa Barbara Operational Area Oil Spill Contingency Plan and Los Angeles- Long Beach Area Contingency Plan. The incident command post remained operational for the first 13 days of the incident. Interagency field teams conducted a National Resource Damage Assessment to document dead fish, invertebrates, and other wildlife in the oiled areas following the spill. NOAA and its state and federal			

Spill	Date	Area Affected	Estimated Amount
natural resource co-trustees investigated the extent to which the incident may have caused harm to birds (brown pelicans, common murres, Pacific loons, snowy plovers), marine mammals (including California sea lions), fish (especially surf perch and grunion), and marine invertebrates along with their habitats. The spill also shut down fisheries, closed multiple beaches, and affected recreational uses such as camping, non-commercial fishing, and beach visits. Nearly one year after the spill, Plains All America Pipeline was indicted by the Santa Barbara County grand jury on 46 criminal counts related to the spill, after which the county filed criminal charges. Another three years elapsed before the trial date was set for February 5, 2018, with jury selection beginning in April 2018. The outcome of the trial will not be known for several months. Three bills were signed into law in response to the spill. Under a new law, the California Fire Marshal will be required to review the oil pipelines conditions every year, while federal regulations only mandate a review every five years. Another new law provides for making oil spill response times faster and more effective. The third will force intrastate pipelines to use the best-known technology such as automatic shut-off valves.			

K.18 NATURAL GAS PIPELINE HAZARDS

PHMSA tracks significant incidents and losses as a result of pipeline accidents occurring on gas transmission lines and gas distribution lines. Significant incidents are those reported by pipeline operators with either 1) a fatality or injury requiring in-patient hospitalization, or 2) $50,000 or more in total costs, measured in 1984 dollars.

From 2013 to 2017, a total of 85 incidents were reported on California distribution lines, resulting in a total of six fatalities, seven injuries, and $53,010,856 in property damage. For that same period, a total of 43 incidents were reported on gas transmission lines, resulting in two fatalities, 15 injuries, and $28,563,740 in property damage. These incidents are summarized in Table K-16.

K.18.1 San Bruno Gas Transmission Line Explosion

On September 9, 2010, a 30-inch steel natural gas transmission pipeline owned and operated by PG&E ruptured and exploded in a residential neighborhood in San Bruno, California. The rupture produced a crater about 72 feet long by 26 feet wide. The section of pipe that ruptured, which was about 28 feet long and weighed about 3,000 pounds, was found 100 feet south of the crater.

Table K-16. Gas Distribution and Local Transmission Line Incidents, 2013 to 2017

Year	Number of Incidents	Fatalities	Injuries	Total Cost of Damage
Gas Distribution Lines				
2013	14	0	0	$3,490,587
2014	18	2	2	$18,683,512

2015	14	2	2	$1,546,593
2016	16	0	1	$3,061,979
2017	23	2	2	$26,228,185
Gas Transmission Lines				
2013	6	0	0	$2,324,207
2014	13	0	0	$10,344,591
2015	9	2	15	$9,633,537
2016	6	0	0	$2,052,778
2017	9	0	1	$4,208,740
Total	**43**	**2**	**15**	**$28,563,853**

Source: Pipeline and Hazardous Materials Safety Administration, https://hip.phmsa.dot.gov/analyticsSOAP/saw.dll?Portalpages

PG&E estimated that 47.6 million standard cubic feet of natural gas was released. The released natural gas ignited, resulting in a fire that destroyed 38 homes and damaged 70. There were eight confirmed deaths and 66 reported injuries. Cal OES has identified preliminary damage estimates at $15.4 million, including $2.5 million for debris removal, $10.2 million for protective measures, $2.1 million for roads and bridges, and $0.6 million for utilities and other facilities.

A report issued by the National Transportation Safety Board (NTSB) in August 2011 determined that the probable cause of the accident was PG&E's 1) inadequate quality assurance and quality control in 1956 during its Line 132 relocation project, which allowed the installation of a substandard and poorly welded pipe section with a visible seam weld flaw that over time grew to a critical size, causing the pipeline to rupture during a pressure increase stemming from poorly planned electrical work at the Milpitas Terminal; and 2) an inadequate pipeline integrity management program, which failed to detect and repair or remove the defective pipe section.

Contributing to the accident were the California Public Utilities Commission (CPUC) and the U.S. Department of Transportation (US DOT) exemptions of existing pipelines from the regulatory requirement for pressure testing, which likely would have detected the installation defects. Also contributing to the accident was the CPUC's failure to detect the inadequacies of PG&E's pipeline integrity management program. Contributing to the severity of the accident were the lack of either automatic shutoff valves or remote-control valves on the line and PG&E's flawed emergency response procedures and delay in isolating the rupture to stop the flow of gas.

The NTSB report included a series of recommended actions to be undertaken by federal and state government agencies and PG&E. These recommendations and resulting legislation are discussed in subsequent sections.

K.19 RADIOLOGICAL ACCIDENTS

No hazard event history recorded in the 2018 SHMP for the radiological accidents profile.

K.20 TRAIN ACCIDENTS RESULTING IN EXPLOSIONS AND/OR TOXIC RELEASES

According to Cal OES, there have been 14 train accidents affecting 12 communities since 1950. Several significant train accidents, derailments, fires, and hazardous material releases have occurred in California in the past 40 years that resulted in multiple deaths, numerous injuries, and property damage and have, thus, stimulated changes in land use and rail safety regulations. Rail incidents involving oil in California increased from 3 in 2011 to 36 in 2013 and to 28 by mid-2014.

K.20.1 April 1973 – Roseville Train Explosion

A dramatic example in California history was the major explosion and chemical plume release that occurred in April 1973 in the Roseville railroad yard when 6,000 bombs on a train bound for the Concord Naval Weapons Stations detonated after a car caught fire. Although no one was killed, the blast reportedly injured about 100 people and damaged 5,500 buildings, some more than a mile away.

K.20.2 May 12, 1989 – Duffy Street Derailment, San Bernardino

On May 12, 1989, a six-locomotive/69-car Southern Pacific freight train picked up speed while descending down the Cajon Pass in Southern California. The train reached a speed of 110 miles per hour on a curve at Duffy Street in San Bernardino designed for no more than 40 miles per hour. The train derailed and plowed into a residential area on Duffy Street. The conductor, head-end brakeman, and two residents were killed in the crash. Seven homes were destroyed, as was the entire train.

During the cleanup effort, an underground 14-inch high-pressure gasoline transit pipeline suffered undetected damage. On May 25, 13 days after the train derailment, the pipeline burst, showering the neighborhood in gasoline and igniting a large fire that killed two people and destroyed 11 more homes. The total property damage was $14.3

million. Many residents moved after this, and homes are no longer allowed to be built next to the rail lines.

Investigations determined several causes that contributed to the derailment: a miscalculation of the weight of the freight, which was underestimated by 40 percent; lack of dynamic brakes on three of the six locomotives; and train engineer error in activating the emergency brake, which cancelled the dynamic brakes on the functioning three locomotives.

K.20.3 July 14, 1991 – Cantara Loop Spill, Upper Sacramento River

On the night of July 14, 1991, a Southern Pacific train derailed into the upper Sacramento River at a sharp bend of track known as the Cantara Loop, upstream from Dunsmuir, California, in Siskiyou County. Several train cars made contact with the water, including a tank car that initially appeared to be undamaged; however, a small rupture below the water line allowed its contents to be released into the river. Early the following morning, it became apparent that the tank car had ruptured and spilled approximately 19,000 gallons of metam sodium, a potent herbicide and pesticide used primarily to sterilize soil for agricultural purposes.

When mixed with water, metam sodium breaks down into several highly toxic compounds having varying toxicities and half-lives in the aquatic environment. Though some are highly toxic, all dissipate in a matter of hours or weeks and do not linger long-term. Some of the compounds volatilized into the air, creating a toxic cloud above the river as the chemical plume moved downstream. Efforts to determine the extent of damage to aquatic life from the metam sodium spill were delayed 12 to 48 hours due to the hazard of fume exposure.

Ultimately, over a million fish and tens of thousands of amphibians and crayfish were killed. Millions of aquatic invertebrates, including insects and mollusks, which form the basis of the river's ecosystem, were destroyed. Hundreds of thousands of willow, alder, and cottonwood trees eventually died. Many more were severely injured. The chemical plume left a 41-mile wake of destruction, from the spill site to the entry point of the river into Shasta Lake. Traveling at just under 1 mile per hour on average, the plume entered Shasta Lake on the morning of July 17, 1991. Dilution and evaporation of the metam sodium, combined with continued aeration, reduced the chemical to undetectable levels in the lake by July 29, 1991.

In July 1992, a lawsuit was filed by the State of California and the federal government against Southern Pacific Railroad and other parties considered responsible for the Cantara spill. The lawsuit was on behalf of the natural and biologic resources damaged or destroyed by the spill. The basis of the lawsuit was to recover damages for those injured resources. An out-of-court agreement was reached in 1994, and the entire settlement process was completed by August 1995. The plaintiffs were awarded $38 million in damages, reimbursements, and restoration funds, $14 million of which was to be administered by the Cantara Trustee Council for restoration activities, land acquisition and protection, research, and public education. The Cantara Trustee Council operated for a period of 12 years, from 1995 to 2007. For additional details on the activities and projects funded by the Cantara Trustee Council, see: https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=17248&inline=true.

The severity of this spill and the long-term effects on the surrounding ecosystem prompted the California Public Utilities Commission (CPUC) to conduct a statewide risk assessment which identified 19 hazardous rail sites within the state.

K.20.4 January 26, 2005 – Glendale Derailment

On January 26, 2005, a southbound Metrolink commuter train collided with a sport utility vehicle (SUV) that had been abandoned on the tracks near the Glendale-Los Angeles city boundary. The train jackknifed and struck trains on both sides of it, one a stationary freight train and the other a northbound Metrolink train traveling in the opposite direction. The collisions resulted in 11 deaths and 100 to 200 injuries. The driver of the SUV left the vehicle before the crash and was later charged and convicted of 11 deaths and arson.

Subsequent criticism focused on the issue of train configuration. Many commuter trains use a "pusher configuration" to avoid turnaround maneuvers and facilities required to reverse a train's direction. This means the trains are pushed from the back by the locomotive. There were assertions that this type of configuration made the accident worse and claims that if the engine had been in the front, the train might not have jackknifed and caused the second Metrolink train to derail.

To increase rider safety, Metrolink temporarily roped off the first cars in all of their trains and allowed passenger seating in the second car and beyond. Metrolink gradually modified this policy. As of 2007, the line permitted passengers to sit in a portion of the first car when the train is in "push mode," but did not allow seating in the forward-most section of the first car.

K.20.5 September 12, 2008 – Chatsworth Derailment

The September 12, 2008, Chatsworth train accident, resulting in 25 deaths and injuring more than half the train's passengers, spawned significant changes to national rail safety standards. The head-on collision occurred in Chatsworth, a neighborhood of Los Angeles located at the western edge of the San Fernando Valley and involved a Metrolink commuter train and a Union Pacific freight train. All three locomotives, the leading Metrolink passenger car, and seven freight cars derailed. According to the National Transportation Safety Board (NTSB), the Metrolink train engineer most likely caused the collision because he was distracted by sending text messages while on duty. He failed to obey a red stop signal that indicated it was not safe to proceed from the double-track into the single-track section and, thus, collided head-on with the freight train that was traveling on the same single-track section from the opposite direction.

The NTSB also believed that deployment of a positive train control (PTC), which is a safety backup system that can automatically stop a train and prevent train collisions, could have avoided the disastrous collision and derailment. Although not required at the time of the Chatsworth accident, PTCs have been a high priority for the NTSB following similar collisions since the mid-1980s, and voluntary implementation has been uneven and incremental across the country since that time, primarily due to the high costs associated with installation and maintenance. Following the Chatsworth collision, Metrolink expanded the existing automated train stop system used on 30 miles of Metrolink track in Orange County across its 350-mile system. Metrolink's automated train stop system will automatically apply the brakes to stop a train if the engineer fails to respond to a warning within 8 seconds.

K.20.6 November 25, 2014 – Feather River Canyon Derailment

On November 25, 2014, 11 cars carrying corn derailed adjoining a portion of the Feather River about 50 miles northeast and upstream of Lake Oroville, releasing kernels and husks into the river. Most of the corn landed on the hillside above the river. Although this was not considered a toxic spill, it raised concerns among state and local officials because the rail track routinely carried trains transporting hazardous materials, including 100-car Bakken crude oil trains. At the time, the number of crude oil trains entering the state via mountain passes and river canyons was expected to jump substantially in the next several years as coastal refineries planned to purchase Bakken oil from fields in North Dakota, Canada, Colorado and Texas. As a result of this spill and others occurring in Canada, Virginia, and Pennsylvania, representatives of

the CPUC and Cal OES provided testimony for U.S. Department of Transportation (US DOT) hearings regarding rail tank safety standards.

K.20.7 January 6, 2015 – Roseville Derailment

On January 6, 2015, a westbound freight train departing the Union Pacific Railroad Davis Yard in Roseville derailed before it was able to leave the yard. Of the seven cars that derailed, three were upright, two were leaning, and two were on their side. The two rail cars that were on their sides included a tank car containing hazardous materials. The tank car sustained substantial damage to its outer shell, but the inner shell was not breached and consequently there was no release of hazardous material. Due to damage to the hazardous material car and initial uncertainty about a possible release, the Union Pacific Railroad initially set up a half-mile evacuation zone. The Union Pacific Railroad's initial report stated the cause was a broken rail on the lead track of the departure yard. This was substantiated by CPUC staff.

Train derailments involving hazardous materials where track defects are the primary cause are of particular concern. In locations where such statistics highlight this concern, CPUC staff will often monitor and mentor the railroad maintenance personnel, focusing on each employee's competency and ability to perform effective regular inspections. Mentorship and observations in the field allow CPUC inspectors to discuss training needs and other remedies with local railroad managers.

K.21 WELL STIMULATION AND HYDRAULIC FRACTURING HAZARDS

No hazard event history recorded in the 2018 SHMP for the well stimulation and hydraulic fracturing profile.

K.22 TERRORISM

Terrorist events have continued to occur in California. From 2001 to 2011, there were 207 terrorist attacks in the United States. California was the leading state with 40 attacks, followed by 19 in New York State. The leading cities were New York (12), Washington, DC (9), and Los Angeles (8). The most common weapons used in the 207 terrorist attacks in the United States from 2001 to 2011 were incendiary devices and explosives. From 2001 to 2011, the most common targets of terrorists in the United States were businesses (62 attacks), private citizens and property (59 attacks), and government (43 attacks). Table K-17 summarizes terrorist events from 2006 to 2016.

In addition to the events listed in Table L-19, there have been numerous crimes by like-minded groups that do not meet terrorism criteria, as well as dozens of terrorism plot disruptions by law enforcement.

Table K-17. Terrorist Events in California, 2006 to 2016

Date	Location	Description
June 30, 2006	Los Angeles	Attempted firebombing of private home
June 24, 2007	Los Angeles	Attempted firebombing of private home
October 20, 2007	Los Angeles	Flooding of a private home
February 5, 2008	Los Angeles	Arson at a private home
February 17, 2008	Eureka	Arson at a Planned Parenthood facility
April 25, 2008	San Diego	Bombing of a FedEx facility
August 2, 2008	Santa Cruz	Simultaneous firebombing of two separate private homes
March 7, 2009	Los Angeles	Firebombing of a private vehicle
July 3, 2009	Huntington Beach	Racially motivated stabbing of a man
November 16, 2010	Los Angeles	Razor blade booby trap mailed to a private home
April 23, 2011	Stockton	Arson at a mosque
January 8, 2012	Coalinga	Arson at a feedlot
November 1, 2013	Los Angeles	Active shooter targeting Transportation Security Administration (TSA) at Los Angeles Airport
November 4, 2014	Coachella	Drive-by shooting at a mosque
December 7, 2014	Los Angeles	Arson at an apartment complex
September 30, 2015	Thousand Oaks	Arson at a Planned Parenthood facility
November 4, 2015	Merced	Stabbing of students
November 6, 215	Inglewood	Racially motivated assault of a man
December 2, 2015	San Bernardino	Active shooter murder of 14 people
December 11, 2015	Coachella	Firebombing of a mosque
December 26, 2015	Tracy	Firebombing of a mosque
February 28, 2016	Los Angeles	Racially motivated attack of three people
May 25, 2016	Modesto	Firebombing of a Planned Parenthood facility

Source: California Governor's Office of Emergency Services (Cal OES) Homeland Security Division

K.23 CYBER THREATS

Nationally, cybersecurity incidents such as financial fraud and government database breaches have increased from 5,503 in 2006 to 67,168 in 2014. This increase raises the question of whether there is a cybersecurity threat in California. Between 2012 and 2015, 50 million records of Californians were breached, and the majority of these breaches resulted from security failures, with malware and hacking; physical breaches constituted three quarters of all events. As use of digital information expands, Californians will increasingly become more vulnerable to the slow-moving, potential technological hazard of cyber damage.

K.24 CIVIL DISORDER IN CALIFORNIA

Civil disorders occur in California sporadically, and last from a few days to months. There are various causes, all man-made. All begin as local events; therefore, mitigation measures need to be planned and carried out locally and be supported by mutual aid agreements from near-by agencies. Extensive loss of life and loss of property have occurred in the last 25 years. As summarized in the Table K-18, there have been several significant civil disorders in the state since 1965 and more recently. These disorders have all taken place in metropolitan areas.

Table K-18. Summary of Significant Civil Disorders in California

Disturbance	Location	Year	Deaths	Injuries	Damage
2016 Election Protests–*Protests against the election of Donald Trump. Thirty protesters were arrested, and three officers were injured.*	Oakland	2016	0	3	n/a
2016 Civil Disorder–*A rally of left-wing protesters and white nationalist groups outside the California State Capitol on June 26, 2016. Ten people were hospitalized for stabbing and laceration wounds.*	Sacramento	2016	0	10	n/a
2014 Oakland Riots–*A series of riots and civil disturbances following the decision of a Grand Jury in St. Louis not to charge Darren Wilson in the shooting death of black teenager Michael Brown in Ferguson, Missouri.*	Oakland	2014			n/a
2013 Oakland Riots–*Riots that occurred when protesters took to the streets on July 13, 2013, following the acquittal of George Zimmerman in the shooting death of Trayvon Martin.*	Oakland	2013	0	2	n/a
2012 Anaheim Police Shootings and Protests–*Two fatal shootings by police officers and subsequent public protests.*	Anaheim	2012	0	6	n/a
2011 Occupy California Protests–*Protests in 50 large and small cities and college campuses, along with 50,000 people participants in Occupy Oakland.*	Various	2011	0	1	$2.4 million
1992 Los Angeles Riots–*Riots that lasted six days and were a response to the acquittal of police officers for the beating of Rodney King.*	South Los Angeles	1993	50	Over 2,000	More than $1.0 billion
1965 Watts Riots–*ace riots that took place in the Watts neighborhood of Los Angeles.*	South Central Los Angeles	1965	34	1,032	$40 million

Appendix L. Mitigation Laws and Regulations



L MITIGATION LAWS AND REGULATIONS

Over the past 100 years, legislation has been enacted to promote and support mitigation efforts. The following tables provide a summary of the various mitigation laws and regulations.

Table L-1. Federal Hazard Mitigation Laws and Regulations

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
Americans with Disability Act (ADA)	1990	All Hazards	Law	The Americans with Disabilities Act (ADA) is a federal civil rights law that prohibits discrimination against people with disabilities in everyday activities. The ADA prohibits discrimination on the basis of disability just as other civil rights laws prohibit discrimination on the basis of race, color, sex, national origin, age, and religion. The ADA guarantees that people with disabilities have the same opportunities as everyone else to enjoy employment opportunities, purchase goods and services, and participate in state and local government programs (U.S. Department of Justice Civil Rights Division 2022).
Bureau of Land Management (BLM)	1946	All Hazards	Agency	The Bureau of Land Management is an agency within the United States Department of the Interior responsible for administering federal lands (Bureau of Land Management 2022).
Civil Rights Act	1964	All Hazards	Law	The Civil Rights Act of 1964 prohibits discrimination on the basis of race, color, religion, sex, or national origin. Provisions of this civil rights act forbade discrimination on the basis of sex, as well as race in hiring, promoting, and firing. The Act prohibited discrimination in public accommodations and federally funded programs. It also strengthened the enforcement of voting rights and the desegregation of schools (U.S. Department of Labor 2022).
Clean Water Act	1977	All Hazards	Law	The Clean Water Act is the principal law governing pollution control and water quality of the Nation's waterways. The objective of the CWA is to restore and maintain the chemical, physical and biological integrity of the Nation's waters (33 U.S.C. 1251).
Community Development Block Grant (CDBG) Disaster Recovery Program	2014	All Hazards	Program	The Community Development Block Grant (CDBG) Program has Disaster Recovery grants to rebuild the affected areas and provide crucial seed money to start the recovery process. These flexible grants help cities, counties, and States recover from Presidentially declared disasters, especially in low-income areas, subject to availability of supplemental appropriations. Since CDBG Disaster Recovery (CDBG-DR) assistance may fund a broad range of recovery activities, HUD can help communities and neighborhoods that otherwise might not recover due to limited resources (U.S. Department of Housing and Urban Development 2022a).
Community Rating System (CRS)	1990	Flood	Program	The Community Rating System (CRS) is a voluntary program under the National Flood Insurance Program (NFIP) that rewards participating communities in the form of flood insurance premium discounts for exceeding the minimum requirements of the NFIP and completing activities that reduce flood hazard risk (FEMA 2022c).

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
Disaster Mitigation Act (DMA 2000)	2000	All Natural Hazards	Law	DMA 2000 is the current federal law addressing hazard mitigation planning. It amended the Stafford Act to require the preparation of hazard mitigation plans by state and local governments emphasizing planning for disasters before they occur.
Emergency Relief for Federally Owned Roads Program	2015	All Hazards	Program	The Emergency Relief for Federally Owned Roads Program, or ERFO Program, was established to assist federal agencies with the repair or reconstruction of tribal transportation facilities, federal lands transportation facilities, and other federally owned roads that are open to public travel, which are found to have suffered serious damage by a natural disaster over a wide area or by a catastrophic failure (United States Department of Transportation 2022).
Emergency Watershed Program	--	All Natural Hazards	Program	The Emergency Watershed Protection (EWP) Program, a federal emergency recovery program, helps local communities recover after a natural disaster strikes (United States Department of Agriculture 2022).
Endangered Species Act	1973	All Hazards	Law	The Endangered Species Act establishes protections for fish, wildlife, and plants that are listed as threatened or endangered; provides for adding species to and removing them from the list of threatened and endangered species, and for preparing and implementing plans for their recovery; provides for interagency cooperation to avoid take of listed species and for issuing permits for otherwise prohibited activities; provides for cooperation with States, including authorization of financial assistance; and implements the provisions of the Convention on International Trade in Endangered Species of Wild Flora and Fauna (CITES) (U.S. Fish and Wildlife Service 2022).
Federal Emergency Management Agency (FEMA)	1979	All Hazards	Agency	The Federal Emergency Management Agency (FEMA) supports citizens and emergency personnel to build, sustain, and improve the nation's capability to prepare for, protect against, respond to, recover from, and mitigate all hazards (USA.gov 2022).
Federal Energy Regulatory Commission Owners Dam Safety Program	2012	Dam Failure	Program	The Owners Dam Safety Program (ODSP) is the most important factor in maintaining safe dams and preventing dam failures. Dams with owners who do not have an effective ODSP represent a higher risk (FERC 2022).
Federal Wildlife Management Policy and Healthy Forests Restoration Act	2003	All Hazards	Law	An act to improve the capacity of the Secretary of Agriculture and the Secretary of the Interior to conduct hazardous fuels reduction projects on National Forest System lands and Bureau of Land Management lands aimed at protecting communities, watersheds, and certain other at-risk lands from catastrophic wildfire, to enhance efforts to protect watersheds and address threats to forest and rangeland health, including catastrophic wildfire, across the landscape, and for other purposes (U.S. Government Information 2022).
National Dam Safety Program Act	1996	Dam Failure	Law	The National Dam Safety Program is a partnership of states, federal agencies and other stakeholders to encourage and promote the establishment and maintenance of effective federal and state dam safety programs to reduce the risk to human life, property, and the environment from dam related hazards (FEMA 2022d).

				Description
				The National Environmental Policy Act (NEPA) requires federal agencies to assess the environmental effects of their proposed actions prior to making decisions. The range of actions covered by NEPA is broad and includes: making decisions on permit applications; adopting federal land management actions; and constructing highways and other publicly owned facilities (FEMA 2022).
National Fire Plan	2000	Wildfire	Plan	The National Fire Plan (NFP) was developed in August 2000, following a landmark wildland fire season, with the intent of actively responding to severe wildland fires and their impacts to communities while ensuring sufficient firefighting capacity for the future. The NFP addresses five key points: Firefighting, Rehabilitation, Hazardous Fuels Reduction, Community Assistance, and Accountability.
				The NFIP provides flood insurance to property owners, renters and businesses, and having this coverage helps them recover faster when floodwaters recede. The NFIP works with communities required to adopt and enforce floodplain management regulations that help mitigate flooding effects (FEMA 2022f).
National Incident Management System (NIMS)	2004	All Hazards	Program	The National Incident Management System (NIMS) guides all levels of government, nongovernmental organizations and the private sector to work together to prevent, protect against, mitigate, respond to and recover from incidents.
				On January 5, 2021, the National Landslide Preparedness Act (P.L. 116-323) was signed into law; it authorized a national landslide hazards reduction program and a 3D elevation program within the USGS. This broadened the already existing Landslide Hazards Program under the Natural Hazards Mission Area, and the 3D Elevation Program under the National Geospatial Program and required additional coordination with other federal agencies. See also H.R.8810 - National Landslide Preparedness Act (U.S. Geological Survey 2021).
Presidential Executive Order 11988, Floodplain Management	1977	Flood	Regulation	Directs federal agencies to: assert leadership in reducing flood losses and losses to environmental values served by floodplains; avoid actions located in or adversely affecting floodplains unless there is no practicable alternative; take action to mitigate losses if avoidance is not practicable; and establishes a process for flood hazard evaluation based upon the 100-year base flood standard of the NFIP. It also directed federal agencies to issue implementing procedures; provided a consultation mechanism for developing the implementing procedures; and provided oversight mechanisms (FEMA 2022).
				Executive Order 11990 requires minimization of the destruction, loss or degradation of wetlands and encourages preservation and enhancement of their natural and beneficial values. Executive Order 11990, Protection of Wetlands, requires Federal agency actions to: Avoid, to the extent possible, adverse impact on
Rural Development Program		Climate Change	Program	The Inflation Reduction Act provides funding to USDA Rural Development to help eligible entities purchase renewable energy and zero-emission systems and make energy-efficiency improvements that will significantly reduce greenhouse gas emissions.

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
U.S. Army Corps of Engineers Dam Safety Program		Flood, Dam Failure	Program	The U.S. Army Corps of Engineers' (USACE) Dam Safety Program uses risk to inform how it manages the approximately 740 dams it operates and maintains, with life safety the highest priority. This approach is a best practice adopted to evaluate, prioritize and justify dam safety decisions (USA.gov 2022).
U.S. Army Corps of Engineers Flood Risk Management Program	2006	Flood	Program	Flood risk management (FRM) is one of USACE Civil Work's three core missions, alongside support for commercial navigation and restoration of aquatic ecosystems. USACE's FRM activities seek to reduce the threat to life and property from riverine and coastal storm flooding through the development and communication of advanced knowledge, technology, and solutions (U.S. Army Corps of Engineers 2022).
U.S. Bureau of Reclamation Safety Evaluation of Existing Dams Program	1978	Dam Failure	Program	The primary emphasis of the Safety Evaluation of Existing Dams (SEED) program is to perform site evaluations and to quickly identify dams which pose an increased threat to the public, and to quickly complete the related analyses in order to expedite corrective action decisions and safeguard the public and associated resources (U.S. Bureau of Reclamation 2022).
U.S. Department of Homeland Security (DHS)	2002	All Hazards	Agency	The Department of Homeland Security works to improve the security of the United States. The Department's work includes customs, border, and immigration enforcement, emergency response to natural and manmade disasters, antiterrorism work, and cybersecurity (USA.gov 2022).
U.S. Environmental Protection Agency (EPA)	1970	All Hazards	Agency	The Environmental Protection Agency protects people and the environment from significant health risks, sponsors and conducts research, and develops and enforces environmental regulations (USA.gov 2022).
U.S. Fire Administration	1974	All Hazards	Agency	As an entity of the U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA), the mission of the U.S. Fire Administration is to support and strengthen fire and emergency medical services (EMS) and stakeholders to prepare for, prevent, mitigate and respond to all hazards (USA.gov 2022).
U.S. Geological Survey	1879	All Hazards	Agency	The U.S. Geological Survey is the nation's largest water, earth, and biological science and civilian mapping agency. It collects, monitors, analyzes, and provides scientific understanding of natural resource conditions, issues, and problems (USA.gov 2022).
U.S. Fish and Wildlife Service	1940	All Hazards	Agency	The U.S. Fish and Wildlife Service is the principal federal agency dedicated to fish and wildlife conservation. The Service's history spans nearly 140 years, dating from the establishment of its predecessor agency, the Bureau of Fisheries, in 1871. First created as an independent agency, the Bureau of Fisheries was later placed in the Department of Commerce. A second predecessor agency, the Bureau of Biological Survey, was established in 1885 in the Department of Agriculture. In 1939, the two Bureaus and their functions were transferred to the Department of the Interior. In 1940, they were consolidated into one agency and redesignated the Fish and Wildlife Service by Reorganization Plan III (5 U.S.C. app.).

Table L-2. State Hazard Mitigation Laws and Regulations

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
Dam Safety Act	1929	Dam Failure	Law	After the 1928 collapse of the Saint Francis Dam in Ventura County killed more than 450 people, California passed the Dam Safety Act to regulate the construction and maintenance of all non- federal dams. DWR's Division of Safety of Dams administers the Dam Safety Act and periodically inspects dams to ensure their safety. Fees paid by dam owners fund the Division's work.
Field Act [AB 2342] Education Code §17281, et seq.	1933	Earthquake	Law	In 1933, one month after the Long Beach Earthquake destroyed 70 schools, seriously damaged 120 others, and caused minor damage to 300 more, California passed the Field Act to ensure seismic safety in new public schools. The Act establishes regulations for the design and construction of K-12 and community college buildings. The Division of the State Architect within DGS enforces the Field Act. The Field Act requires all new school building construction to be designed based on high level building standards adopted by the state; plans and specifications prepared by state-registered designers.
Riley Act	1933	Earthquake	Law	Following the 1933 Long Beach Earthquake, the state also passed the Riley Act which requires local governments to have building departments that issue permits for new construction and alterations to existing structures and conduct inspections. Permit fees paid by building owners generally fund the work of local building departments. The Act also set minimum seismic safety requirements that have since been incorporated into all building codes; and set minimum seismic safety requirements.
California Environmental Quality Act (applies to all natural and other hazards) Public Resources Code §21000, et seq.,	1970	All Hazards	Law	Requires environmental review of "discretionary" development projects. If significant impacts are found, an environmental impact report (EIR) is required, together with mitigation of significant impacts.
Alfred E. Alquist Hospital Facilities Seismic Safety Act	1983	Earthquake	Law	Regulates the design, construction, and alteration of hospitals; sets seismic safety standards for new hospitals; creates an advisory Hospital Building Safety Board

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
Strong Motion Instrumentation Program Public Resources Code §2700, et seq.,	1971	Earthquake	Program	The State implemented the Strong Motion Instrumentation Program in 1971 in response to the extensive damage to buildings and bridges caused by the 1971 San Fernando Earthquake. The earthquake highlighted the need for more data on strong ground shaking during earthquakes and on the response of structures to the shaking. Establishes statewide network of strong motion instruments to gather vitals of earthquake data-gathering instruments for the engineering and scientific communities for essential structures; requires Division of Mines and Geology to monitor instruments. Data obtained from the strong motion instruments is used to recommend changes to building codes, assist local governments in the development of their general plans and help emergency response personnel in the event of a disaster.
Seismic Safety General Plan Element [SB 351] (applies to all natural hazards) Government Code §65302(g)	1971	Earthquake	Law	Requires city and county general plans to include a seismic safety element
Alquist-Priolo Earthquake Fault Zoning Act [SB 520] Public Resources Code §2621-2630	1972	Earthquake	Law	The state passed the Alquist-Priolo Earthquake Fault Zoning Act in 1972 to mitigate the hazard of surface faulting to structures built for human occupancy. The law was another response to the 1971 San Fernando Earthquake, which produced extensive surface fault ruptures that damaged numerous homes, commercial buildings, and other structures. The Act's main purpose is to prevent the construction of buildings used for human occupancy on the surface trace of active faults. The Act requires the state geologist to prepare maps of major fault traces and zones. The Act also prohibits construction of new buildings used for human occupancy on the surface trace of active faults and requires geologic site investigation prior to issuance of building permit.
State Capitol Seismic Evaluation [SCR 84]	1971	Earthquake	--	The State Architect was tasked to evaluate the safety of the historic west wing of the Capitol and to evaluate the costs of reconstruction to meet earthquake standards

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
California Seismic Safety Commission Act Business and Professions Code §1014, now Government Code section 8589.78	1975	Earthquake	Institution	This Act establishes independent commission to advise Governor, Legislature, state and local governments on reduction of earthquake risk. The mission of CSSC is "to provide decision makers and the general public with cost- effective recommendations to reduce earthquake losses and expedite recovery from damaging earthquakes." The commission is also responsible for implementing the California Earthquake Hazards Reduction Act, which requires CSSC to "prepare and administer a program setting forth priorities, funding sources, amounts, schedules, and other resources needed to reduce statewide earthquake hazards."
Highway Emergency Fund [AB 387]	1975	Earthquake	Program	Establishes Highway Emergency Fund to provide assistance to local jurisdictions for repair or replacement of highways damaged by earthquakes
Seismic design of LNG facility [SB 1081]	1977	Earthquake	Law	Requires seismic design of a liquefied natural gas terminal be addressed by PUC
Earthquake hazard reduction program [SB 1279]	1978	Earthquake	Program	Directs CSSC to assess policy and program implications of earthquake prediction and to develop seismic safety program and financing plan for the state. CSSC issued its first comprehensive earthquake hazard mitigation plan, Guiding Action: Goals and Policies to Strengthen Earthquake Safety in California, in 1979. The CSSC prepared a strategic seismic safety program and financing plan, Earthquake Hazards Management: An Action Plan for California, in 1982. After the passage of the California Earthquake Hazard Reduction Act of 1986, CSSC prepared California at Risk, a series of comprehensive five-year programs for earthquake mitigation.
Mobile home bracing devices [SB 360]	1981	Earthquake	Regulation/ Program	Requires mobile home bracing devices; required HCD to administer program, test devices, issue certifications
Hospital inspections [SB 961]	1981	Earthquake	Program	Required the Office of Statewide Health Planning and Development to institute plan review and field inspection of hospital buildings being constructed to ensure building safety. Requires the State Fire Marshal to ensure fire safety of these buildings.
Earthquake insurance [AB 2865] Insurance Code §10081, et seq.	1985	Earthquake	Law	Requires insurance companies to offer earthquake insurance; [repealed concurrent causation theory for earthquake damage]
Earthquake Education Act of 1984 [SB 1893] PRC §2805, et seq.	1984	Earthquake	Program	Implemented a statewide program of earthquake safety education, awareness and preparedness entitled the California Earthquake Education Project (CALEEP), focused on identifying state and local leadership interested in using the CALEEP materials, disseminating those materials, and utilizing the materials.
Earthquake preparedness [AB 2662]	1986	Earthquake	Program	

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
California Earthquake Hazard Reduction Act [SB 548] GC §8871, et seq.	1985	Earthquake	Program	After the 1985 Mexico City Earthquake, in 1986 California passed the Earthquake Hazards Reduction Act, which called for a coordinated state program to implement new and expanded activities to significantly reduce earthquake threat. The program is coordinated by CSSC, which is required to specify priorities, funding sources and amounts, schedules, and other resources. Although historically funded by the State general fund, since the 2003-2004 fiscal year, the program was funded by fees imposed on property insurance companies. The Act authorizes CSSC to develop a statewide plan to reduce earthquake hazards.
Unreinforced Masonry Building Program GC §§8875-8876	1986	Earthquake	Program	In response to the 1983 Coalinga Earthquake, in 1986 the state legislature established the Un- reinforced Masonry Building Program, which requires local governments in high seismic regions (within Seismic Zone 4) of California to inventory un- reinforced masonry buildings, establish mitigation programs, and report progress to the CSSC.
Essential Services Buildings Seismic Safety Act of 1986 [SB 122] HSC §16000, et seq.	1986	Earthquake	Law	Also in response to the 1985 Mexico City Earthquake, in 1986 the state passed the Essential Services Buildings Seismic Safety Act to require enhanced regulatory oversight by local governments during the design and construction of new essential service facilities. The Division of the State Architect within DGS enforces this Act. The Act sets seismic safety design and review standards for critical facilities such as police and fire stations and emergency communications and operations facilities.
Katz Act Education Code §§35295-35297	1984	Earthquake	Law	Requires all private schools to develop disaster plans and an earthquake emergency procedure system
SB 920 Revenue and Taxation Code §74.5	1989	Earthquake	Policy	Requires CSSC to develop a state policy on acceptable levels of earthquake risk for new and existing state-owned buildings by January 1, 1991
Bridge Seismic Retrofit Program [SB 2104]	1990	Earthquake	Program	Requires Caltrans to prepare an inventory of all state-owned bridges which require strengthening or replacement to meet seismic- safety standards and prepare plan and schedule for completion.
Earthquake Safety and Public Buildings Rehabilitation Bond Act of 1990 [Prop 122] Government Code §§8878.50- 8878.52	1990	Earthquake	Program/ Institution	Proposition 122 was passed by voters in June 1990 after the 1989 Loma Prieta Earthquake revealed vulnerabilities in state-owned and essential services buildings. The bond measure authorized the state to issue $300 million in general obligation bonds for the seismic retrofit of state and local government buildings ($250 million for state-owned buildings and $50 million for partial financing of local government essential services facilities). The Seismic and Special Programs Section of the DGS Real Estate Services Division administers Proposition 122 grant programs.

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
Seismic Hazards Mapping Act Public Resources Code §§2690-2699.6	1990	Earthquake	Program	The Seismic Hazards Mapping Act, passed in 1990, directs the Department of Conservation to identify and map areas prone to liquefaction, earthquake-induced landslides, and amplified ground shaking; tsunami hazards were added to the act in 1992. The purpose of the Act is to reduce the threat to public safety and to minimize the loss of life and property by identifying and mitigating these seismic hazards. The Act requires geotechnical investigations to identify hazards and formulate mitigation measures before permitting most developments within mapped Zones of Required Investigation.
Health and Safety Code §1226.5	1990	Earthquake	Law	Establishes seismic safety standards for ambulatory surgical centers; requires fixed medical equipment (floor, roof or wall mounted) to be installed using services of licensed architect or structural engineer.
Private Schools Building Safety Act of 1986 Education Code Section 17320, et seq.	1986	Earthquake	Enhancement	Extends Field Act to new private schools
AB 631 HSC §18613.5, et seq.	1989	Earthquake	Enhancement	Requires HCD to adopt regulations governing the installation of earthquake-resistant bracing systems on manufactured homes and mobile homes
AB 1890 – Earthquake Protection HSC §§19210-19214	1989	Earthquake	Law	Requires new and replacement water heaters to be braced and anchored
AB 3313	1990	Earthquake	Regulation	Requires DSA and Building Standards Commission to develop and adopt seismic retrofit guidelines for state buildings, including those owned by CSU and UC.
Executive Order D-86- 90	1990	Earthquake	Program	Requires Caltrans to prepare plan to review and retrofit transportation structures; requests UC and requires CSU to give priority consideration to seismic safety in allocation of funds for construction projects
Charter Schools Act of 1992 Education Code sections 47600, et seq.	1992	Earthquake	Law	Makes Field Act provisions optional for charter schools unless they accept state facilities' money.
Hospital Seismic Retrofit and Replacement Program [SB 1953]	1994	Earthquake	Enhancement	The state legislature passed Senate Bill 1953 after the 1994 Northridge Earthquake revealed vulnerabilities in older hospitals. The law requires hospitals to undertake non-structural retrofits of emergency and surgical rooms by 2002 and collapse-avoidance retrofits by 2008. Establishes timeline and guidelines for hospitals and achieve full compliance with the Alquist Hospital Seismic Safety Act by 2030. OSHPD enforces this Act.

				Description
				After the 1994 Northridge Earthquake, the State Lands Commission received a hazard mitigation grant from FEMA to develop standards for the evaluation, retrofit, and maintenance of new and existing marine oil terminals. In 2003, the Commission issued its proposed regulations and plans to hold hearings prior to their consideration for adoption. The proposed regulations would help limit the potential and size of oil releases after earthquakes and tsunamis by requiring upgrades of older terminals. Fees to be paid by marine oil terminal owners would fund the state's
California Earthquake Authority [AB 13, SB 1993] Insurance Code §§10089.5-10089.55	1996	Earthquake	Institution	Creates the California Earthquake Authority; authorized CEA to issue policies of basic residential earthquake insurance
–				Authorizes community college district to acquire for use any offsite facility constructed prior to Jan. 1, 1998, that meets structural requirements of the 1976 UBC, but does not meet requirements of Education Code §81130 if it has gone through an inspection by a structural engineer whose report is reviewed by DGS
AB 865 – School Facilities Education Code §17285	1997	Earthquake	Retraction	Authorizes school district to lease a commercial building prior to Jan. 1, 2003, that does not meet the requirements of the Field Act provided that the building was constructed in accordance with seismic safety standards for commercial buildings within earthquake zones
–				Requires DGS to conduct inventory of public-school buildings that are concrete tilt-up or have non-wood frame walls that do not meet requirements of 1976
SB 1122 – Seismic Safety: Schools: Earthquake Hazards GC §8587.7	1999	Earthquake	Program	Requires OES, in cooperation with State Department of Education, DGS and SSC to develop an educational pamphlet for use by K-14 personnel to identify and mitigate risks posed by nonstructural earthquake hazards
–				Authorizes DGS to issue a stop work order when construction on a public school, community college, or essential services facility is not being performed in
SB 1562 – School Facilities Education Code §17212, et seq.	1998	Earthquake	Policy/ Law	Requires geological and soil engineering studies by competent personnel if prospective school site is located within boundaries of special studies zone or within an area designated as geologically hazardous in safety element
–				Authorizes, for county-owned general acute care hospital buildings, a 1-year extension of Jan. 1, 2002, deadline for Non-structural performance Category-2 acute care service and completion of specified

				Description
SB 1898 HSC §§19180-83; HSC §§19200-05	2003	Earthquake	Policy/ Law	Authorizes local governments to adopt ordinances requiring installation of earthquake sensitive gas shutoff devices in buildings due to motion caused by an earthquake; allows DSA to establish a certification procedure for installation
AB 3032 – Seismic Safety		Earthquake		Exempts owners of retrofitted URM buildings from compliance with posted entry-area earthquake warning signs
AB 216 – Administration of Transportation Funds Streets & Highways Code §30914(c)(21)	2005	Earthquake	Program	Allocates $143 million for BART Tube Seismic Strengthening
AB 144 – Bay Area State- Streets & Highways Code				Authorizes retrofit of state-owned toll bridges using seismic toll surcharge
AB 304 – Building Standards; Reconstruction HSC §19160-19168	2005	Earthquake	Policy	Soft-story residential buildings are multi-story wood-frame structures that may have inadequately braced lower stories that may not be able to resist earthquake motion. AB 304 encourages cities and counties to address the seismic safety of soft-story residential buildings and encourages local governments to initiate efforts to reduce the seismic risk in vulnerable soft-story residential buildings. AB 304 requires the seismic retrofit of these buildings to comply with a nationally recognized model code relating to the retrofit of existing buildings or substantially equivalent standards. The bill replaces the word "reconstruction" with "seismic retrofit" in provisions governing earthquake hazardous building reconstruction and defines seismic retrofit for purposes of provisions governing earthquake protection.
Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006 [Proposition				Provides $125 million funding for seismic retrofit work on local bridges, ramps, and overpasses; establishes Local Bridge Seismic Retrofit Account
AB 127 – Nunez Education facilities: Kindergarten-University Public Education Facilities Bond Act of 2006 Education Code §81052	2006	Earthquake	Policy	Gives Community Colleges the option to comply with California Building Standards Code or the Field Act
SB 135 – Earthquake Early Government Code §8587.8				Directed the Governor's Office of Emergency Services, in collaboration with other relevant institutions and government agencies, to create an early warning system to provide a short alarm before the main force of an earthquake hits. Prohibited the use of General Fund dollars in the development of the

				Description
SB 438 – Earthquake Safety: Statewide Earthquake Early Warning System: funding Government Code §8587.8	2015	Earthquake	Policy	Eliminated the prohibition of the General Fund as a source of funding for the earthquake early warning system. Created the California Earthquake Early Warning Program and the California Earthquake Early Warning Advisory Board within the Governor's Office of Emergency Services.
–				Created the California Earthquake Safety Fund and would require moneys in the fund be used for seismic safety and earthquake-related programs, including the earthquake early warning system, upon annual
Flood Control Law of 1946 Water Code §12800, et seq.	1946	Flood	Policy	Establishes State interest in and cooperation with the federal government in construction of flood control projects
-				Authorizes review of floodplain management plans, establishes floodplain regulations, and regulates designated floodway use and reimbursement costs
California Emergency Services Act GC §§8589.3, 8589.4	1970	Flood	Law	Establishes disclosure obligations of seller or agent of seller of property in special flood hazard area, or in area of potential flooding
Executive Order B-39-77				Floodplain management for state buildings
Flood Emergency Action Team	1997	Flood		Creates Flood Emergency Action Team
Water Code §12850, et				Statutory recognition that the people of the state have a primary interest in the control and conservation of floodwaters and the prevention of erosion, sediment damage and other damage by floodwaters in the watersheds of the rivers and streams of this state, and that the State would assume costs of local cooperation in watershed projects
Floodplain Management Task Force [AB 1147] Water Code § 12582.7	2000	Flood	Institution	Recommends creation of the Flood Emergency Action Team to recommend floodplain management strategies designed to reduce flood losses and maximize the benefits of floodplains
Act [Proposition 13, AB Water Code § 79000, et				Provides funding to local agencies for locally provides funding for Flood Protection Corridor Program and flood control mapping
Water Code §128	1956	Flood	Policy	Enables DWR to respond to flood damage to property of general or state interest
Water Code §8010				Allows any city to incur indebtedness to finance the construction of flood control infrastructure

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 [Proposition 50] Water Code §79500, et seq.	2002	Flood	Program	Allocates funding available for grants for planning and implementation of multipurpose flood control programs; eligibility for funding dependent on project being designed to improve flood management
Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 [Proposition 84] PRC §75030, et seq.	2006	Flood	Program	Allocates $275 million in funding for levee inspection and evaluation; map floodplains including rural areas with potential for urbanization and high-density urban areas; improve effectiveness of emergency response; provides funding for critical immediate flood control needs throughout state; provides funding for assistance to local land-use planning
Disaster Preparedness and Flood Prevention Bond Act of 2006 [Proposition 1E, AB 140] PRC §5096.800, et seq.	2006	Flood	Program	Allocates $3.0 billion in funding for evaluation, repair, reconstruction, or replacement of flood control infrastructure; improve or add flood control facilities; reduce risk of levee failure in Delta; develop flood hazard maps
AB 162 – Land Use; water supply GC §65300.2, 65302, 65302.7, 65303.4, 65352, 65584.04, and 65584.06.	2007	Flood	Policy	Requires cities and counties to address flood- related matters in the land use, conservation, safety, and housing elements of their general plans
AB 70 – Flood Liability Water Code §8307	2007	Flood	Policy	Requires that a city or county may be required to contribute a fair and reasonable share of the increased flood liability caused by its unreasonable approval of developments following the failure of a state flood control project
SB 5 – Flood Management GC §65007, 65302.9, 65860.1, 65865.5, 65962, and 66474.5. HSC §50465. Water Code §8200, 9600	2007	Flood	Policy	Requires the DWR and the Central Valley Flood Protection Board to prepare and adopt a Central Valley Flood Protection Plan by 2012, and establishes flood protection requirements for local land-use decisions consistent with the Central Valley Flood Protection Plan
SB 1278 – Planning and zoning: flood protection: Sacramento-San Joaquin Valley. Amends Sec. 65302.9, 65860.1 of the Government Code, and Section 9610 of the Water Code	2012	Flood	Policy	Requires local governments in the Central Valley to amend general plans by July 2015 in accordance with Central Valley Flood Protection Plan. Requires local governments to make findings that property in undetermined risk areas have met the urban level of flood protection. Exempts DWR flood plain maps from CEQA and state endangered species act.

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
AB 1965 – Floods and Flood Control; Land Use. Amends Government Code § 65007 and Water Code § 9610	2012	Flood	Policy	Requires DWR, on or before July 2, 2013, to release flood plain map and available data on water surface elevation of flooding in urban areas, as specified (Sacramento-San Joaquin Valley). Exempts maps from Office of Administrative Law review and approval, and limits DWR liability based upon the reasonable exercise or performance of discretionary or ministerial function
SB 753 Central Valley Flood Protection Board; Enforcement Water Code §8700, et seq.	2013	Flood	Policy	Clarified and expanded enforcement authority of the Central Valley Flood Protection Board with regard to encroachments onto facilities of the SPFC.
SB 5 – California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 Public Utilities Code Section 80001, et seq.	2017	Flood	Policy	Placed Proposition 68 on June 2018 ballot which includes $550 million for these flood management areas: Delta ($50 million), Central Valley ($350 million), multi-benefit projects ($300 million), storm water/mudslide flood projects ($100 million), and urban multi-benefit projects ($100 million).
SB 92 – Public Resources California Water Code 6160 and 6161	2017	Dam Failure, Flood	Policy	Bolstered certain dam safety provisions in the California Water Code and Government Code which affects how DWR Division of Safety of Dams oversees dam safety in cooperation with the California Office of Emergency Services. DWR has updated the classification of the public safety risk of all state jurisdictional dams based on downstream hazard potential and reviews of critical appurtenant structures. For significant, high, and extremely high hazard dams under state jurisdiction, DWR will approve inundation maps prepared by dam owners for the failure of the dam and identified critical appurtenant structures under various failure scenarios unique to the dam and shall make approved dam failure inundation maps publicly available. For all dams under state jurisdiction that are not low hazard dams, Emergency Action Plans will be required utilizing these inundation maps. The California Office of Emergency Services shall review and approve the Emergency Action Plan based on the approved dam inundation map(s) prepared by the dam owner.
AB 1270 – Dams and reservoirs: inspections and reporting. California Water Code 6102.5 and 6103	2017	Dam Failure, Flood	Policy	Requires annual inspections for dams deemed to be high hazards, sets standards for inspections, and requires periodic review of dams' original design and construction records. It also requires inspectors to consult periodically with independent experts and makes inspection reports public.
Organic Act of 1987	1987	All Hazards		Set aside National Forest Reserves
State Fire Responsibility Act PRC §4125	1965	Wildfire	Policy	Requires State Board of Forestry to classify all lands in state in which financial responsibility of preventing and suppressing fires is primarily the responsibility of the state; defines State Responsibility Areas (SRA) land

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
Z'berg Nejedly Forest Practice Act of 1973 PRC §4511, et seq., 4584(j)	1973	Wildfire	Policy	Restores, enhances, and maintains productivity of timberlands while giving consideration to their varied public benefits; exempts certain vegetation management practices related to fuel reduction and establishing fuel breaks
California Forest Improvement Act of 1978 PRC §§4790-4799.05	1978	Wildfire	Program	Allows Department of Fish and Wildlife (DFW) to enter into agreements with eligible landowners to undertake forest resource improvement work; establishes practices that will improve long-term quality of forested lands in terms of timber productivity, retention of soil cover and value for wildfire
Designate Hazardous Fire Areas [SB 1972 - Campbell)] PRC §§4254, 4255, 4258, 4259, 4260, 4296.5	1979	Wildfire	Policy/ Law	Designates hazardous fire areas, regulates the use of fireworks and other hazardous materials within these designated areas; fire prevention reduction standards on railroad right of way
SB 799 - Mello PRC §§4254-4255, 4258-4260	1981	Wildfire	Law	Bans the use of fireworks in SRA Fire Hazard Zones
PRC §4128.5 (repealed)	1989	Wildfire	Policy/ Regulation	Requires State Board of Forestry to review the safety element of counties which contain state responsibility areas and make appropriate recommendations
Minimum fire safety regulation in SRA [SB 1075 - Rogers)] PRC §4290	1991	Wildfire	Policy/ Law	Sets minimum fire safety regulation in SRA
Very High Fire Hazard Severity Zones; Fire Hazard Zoning in Local Area of Responsibility (LRA) [AB 337 - Bates] GC §§51178-51188; HSC §13108.5	1992	Wildfire	Policy/ Law	Establishes designation of Fire Hazard Zoning in Local Responsibility Area (LRA)
AB 3819 - Brown GC §§51178.5, 51189; HSC §§13108.5, 13132.7	1995	Wildfire	Policy/ Law	Sets roofing standards and Model Ordinance for defensibility of space and structures
AB 747 - Brown HSC §13132.7	1995	Wildfire	Policy/ Law	Sets timeline for testing of Class A, B, C roof and shingles
AB 1195– Torlakson – Real Estate; Disclosures Civil Code §§2079.11, 1102.6c, GC §§8589.3-8589.5, 51179, 51183.5, PRC §§2621.9, 2694, 2696, 4125, 4136	1997	Wildfire	Institution	An additional disclosure by the seller or, in some cases, the seller's agent, to the prospective buyer with respect to real property located in an area subject to flooding or fire hazards, as specified, to be made either by the issuance of a natural hazard disclosure statement that would be specified by the bill, except as provided, or a disclosure statement specified in existing law.

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
Natural Hazard Disclosure for wildfire in LRA and Very High Fire Hazard Severity Zones [AB 65, AB 248] Civil Code §1103, et seq.; GC §51183.5	1998	Wildfire	Law	Establishes disclosure obligations of seller or agent of seller of property in Local Responsibility Area and Very High Fire Hazard Severity Zones; facilitated by Natural Hazard Disclosure Statement
AB 423 HSC §13132.7	1999	Wildfire	Policy	Requires the installation of fire retardant roofing material (Class A, B, or C) when repairing, altering, or replacing an existing roof.
California Clean Water, Clean Air, Safe Neighborhood Parks and Coastal Protection Act of 2002 [Proposition 40, AB 1602] PRC §5096.600, et seq.	2002	Wildfire	Program	Authorized bonds for the purpose of financing a program for the acquisition, development, restoration, protection, rehabilitation, stabilization, reconstruction, preservation, and interpretation of park, coastal, agricultural land, air, and historical resources
AB 1216– Fire Safety; Regulations. PRC §4291, GC §51189	2002	Wildfire	Law	Expands fire safety building standards in areas with high fire risk to various components (not listed)
Governor's Blue Ribbon Fire Commission	2003	Wildfire	Program	Reviews firefighting effort of Southern California wildfires; presents recommendations to policy makers that will promote fire safe environment in wildland urban interface (WUI)
Defensible Space regulations [SB 1369] PRC §4291	2004	Wildfire	Regulation	Requires persons in State Responsibility Areas (SRA) to maintain additional firebreak by removing all brush, flammable vegetation or combustible growth located 30 to 100 feet from building or structure or to property line
Forest Fire Prevention Exemption [AB 2420] PRC §4584	2004	Wildfire	Policy	Authorized the Board of Forestry and Fire Protection to create a Healthy Forest Fire Prevention Exemption which would exempt from the requirements of the Forest Practice Act the harvesting of trees and other commercial forest products for the purpose of reducing the rate of fire spread, fire duration and intensity, fuel ignitability, and ignition of tree crown
SB 502- Fires And Fire Protection—Flammable Vegetation—Maintenance Requirements GC §51182, HSC §14875, PRC §4291	2005	Wildfire	Policy	Broadened the types of vegetation that homeowners in very high fire risk areas may retain when conducting fire safe clearances around their homes
SB 1084 - Forest Practices PRC §4442.6, 4464, 4475.5, 4476, 4480	2005	Wildfire	Policy	Established several new fire prevention strategies designed to reduce the threat of wildfire and enhance wildfire suppression resources

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
SB 841– Fire Protection; fire breaks. PRC §4291.3	2006	Wildfire	Policy	Allows a landowner to remove any or all vegetation within 300 feet of specific structures, including hospitals, adult residential care facilities, schools, above ground storage tanks, and hazardous materials facilities, for the purpose of constructing a firebreak or other appropriate vegetation management techniques
PRC §4201-4204 Government Code 51175-51189		Wildfire	Policy	Directs the California Department of Forestry and Fire Protection (CAL FIRE) to map areas of significant fire hazards based on fuels, terrain, weather, and other relevant factors. These zones, referred to as Fire Hazard Severity Zones (FHSZs), define the application of various mitigation strategies to reduce risk associated with wildland fires. State Responsibility Areas (SRAs) were originally mapped in 1985 and last updated in 2007.
SB 1595– Public Resources; fire protection; fuels management; forest protection GC §51175, et seq.; PRC §4202 and 4291	2008	Wildfire	Policy	Amended defensible space requirements that separate structures from surrounding vegetation and other potential wildfire fuels (recast these requirements in terms of fuels management instead of vegetation management). Required the Department of Forestry and Fire Protection (CAL FIRE) to develop a guidance document on fuels management, and added certain wind events to the fire modeling for CAL FIRE's designation of a very high fire hazard severity zones as specified that are deemed major causes of wildfire spread
AB 2859– Public Resources; fire prevention and control; forest protection. PRC §4527 and 4716	2008	Wildfire	Policy	Facilitated and increased fuel treatment and clearance by exempting certain treatment activities
Wildfire Prevention Assistance Act of 2008 [AB 1883] PRC §4953	2008	Wildfire	Policy	Authorizes CAL FIRE to enter into a contract with a non-profit organization for the purposes of using inmate crews for fire prevention work
SCR 80– Fire Safe Councils Resolution Statutes Chapter 116	2008	Wildfire	Resolution	Resolution adopted in State Senate Rules Committee, recognizes California Fire Safe Councils as one of state leading community-based wildfire preparedness organizations
SB 1241– Land Use; General Plan; Safety Element; Fire Hazard Impacts GC §65302, §65302.5, §51177	2012	Wildfire	Policy	Mandates wildfire planning responsibilities to local agencies through requirements regarding 1) wildfire updates to general plans; 2) mandatory findings for subdivision approvals in state responsibility areas (SRAs) and very high fire hazard severity zones (VHFHSZs); and 3) California Environmental Quality Act (CEQA) checklist updates for wildfire safety.

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
AB 109 – Budget Act of 2017	2017	Wildfire	Budget Allocation	Allocates $220 million from the Greenhouse Gas Reduction Fund to CAL FIRE to address fire protection and resource management to mitigate wildfire. The funds appropriated to CAL FIRE are intended to be used for state and local healthy forest and fire prevention programs and projects that improve forest health and reduce greenhouse gas emissions caused by uncontrolled wildfires, including, but not limited to, vegetation management, forest overgrowth reduction, biomass energy generation, and measures to ensure future wildfires are more consistent with historic regenerative fire regime.
California Global Warming Solutions Act of 2006 (SB 32)	2006	Climate Change	Policy	AB 32 establishes a state goal of reducing greenhouse gas emissions to 1990 levels by 2020 (a reduction of approximately 25 percent from forecast emission levels), with further reductions to follow
AB 2140 – General Plans; Safety Element	2006	All Hazards	Policy	This bill provides that the state may allow for more than 75 percent of public assistance funding under the California Disaster Assistance Act only if the local agency is in a jurisdiction that has adopted a local hazard mitigation plan as part of the safety element of its general plan. The local hazard mitigation plan needs to include elements specified in this legislation. In addition, this bill requires Cal OES to give preference for federal mitigation funding to cities and counties that have adopted local hazard mitigation plans. The intent of the bill is to encourage cities and counties to create and adopt hazard mitigation plans.
AB 2800– Climate Change; Infrastructure Planning	2016	Climate Change	Policy	This California State Assembly bill passed in 2016 and requires state agencies to take into account the current and future impacts of climate change when planning, designing, building, operating, maintaining, and investing in state infrastructure. The bill, by July 1, 2017, and until July 1, 2020, requires an agency to establish a Climate-Safe Infrastructure Working Group to examine how to integrate scientific data concerning projected climate change impacts into state infrastructure engineering.
SB 97– CEQA; Greenhouse gas emissions	2007	Climate Change	Policy	Senate Bill 97, enacted in 2007, amends CEQA to clearly establish that greenhouse gas emissions and the effects of greenhouse gas emissions are appropriate subjects for CEQA analysis. It directs the Governor's Office of Planning and Research to develop draft CEQA guidelines for the mitigation of greenhouse gas emissions or their effects by July 1, 2009, and directs the California Natural Resources Agency to certify and adopt the CEQA Guidelines by January 1, 2010.

Authority Name and Corresponding Regulations	Year	Hazards	Type of Authority	Description
SB 99- General plans: safety element: emergency evacuation routes.	2019	All Hazards	Policy	Senate Bill 99, enacted in 2019, requires that cities' and counties' general plans address evacuation routes from any hazard area identified in the safety element. Under this law, the safety element must include information to identify residential developments in hazard areas that do not have at least two emergency evacuation routes. Each city or county must update its safety element with the new information upon the next revision of its housing element on or after January 1, 2020.
SB 379- Land use: general plan: safety element.	2017	Climate Change	Policy	Senate Bill 379 builds upon the flood planning inclusions into the safety and housing elements and the hazard mitigation planning safety element inclusions in general plans outlined in AB 162 and AB 2140, respectively. SB 379 focuses on a new requirement that cities and counties include climate adaptation and resiliency strategies in the safety element of their general plans beginning January 1, 2017. In addition, this bill requires general plans to include a set of goals, policies and objectives, and specified implementation measures based on the conclusions drawn from climate adaptation research and recommendations.
SB 1000 - Land use: general plans: safety and environmental justice	2018	All Hazards	Policy	The original law established requirements for initial revisions of general plan safety elements to address flooding, fire, and climate adaptation and resilience. It also required subsequent review and revision as necessary based on new information. Senate Bill 1000 specifies that the subsequent reviews and revision based on new information are required to address only flooding and fires (not climate adaptation and resilience). Senate Bill 1000 adds a requirement that, upon adoption or revision of any two other general plan elements on or after January 1, 2018, an environmental justice element be adopted for the general plan or environmental justice goals, policies and objectives be incorporated into other elements of the plan

Appendix M. Basics of Local Mitigation Planning



APPENDIX M.

Basics of Local Mitigation Planning

State of California
Hazard Mitigation Plan



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

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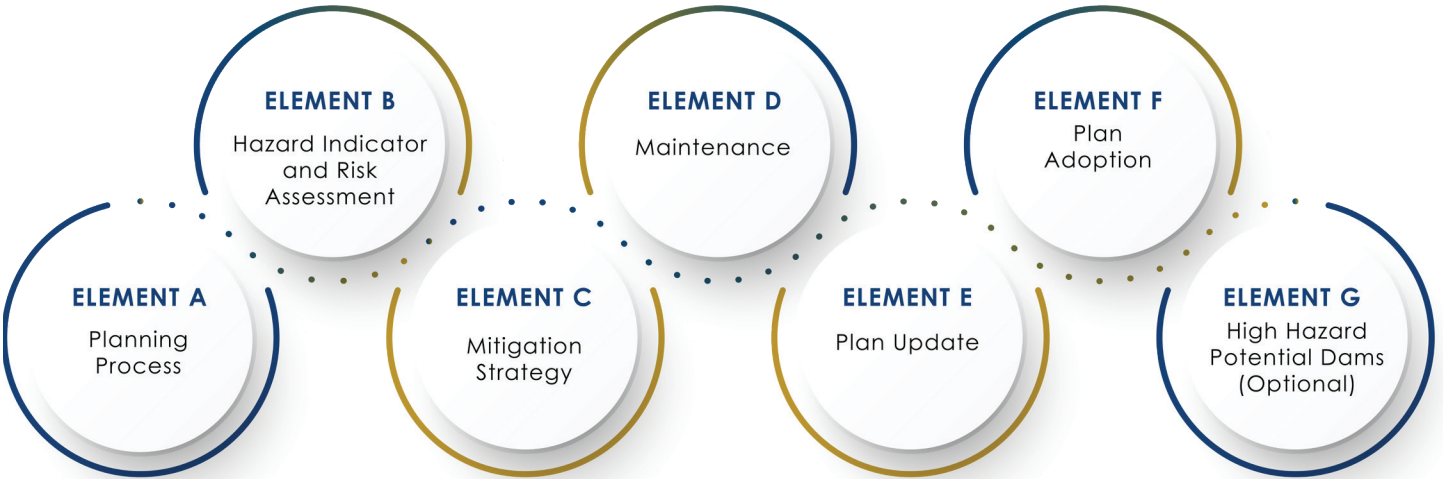
California Wildfire
- Courtesy of AdobeStock Images

Basics of Local Mitigation Planning


Image Courtesy of AdobeStock

A key theme for the 2023 California State Hazard Mitigation Plan Update was to develop a plan that could support and/or enhance the local hazard mitigation planning efforts within the state that occur following the update to the California State Hazard Mitigation Plan (SHMP). It is the requirement of any local hazard mitigation planning effort to strive for consistency with the state's hazard mitigation plan and its priorities.

In order to provide assistance to jurisdictions on how to utilize the information in the SHMP during Local Hazard Mitigation Plan (LHMP) development, Cal OES has prepared this appendix which includes a catalog of best-management planning practices and resources that local governments within California can apply to their planning efforts when developing and/or updating LHMPs. This appendix will provide planning guidance as well as best practices and examples to meet the required elements in the FEMA Region 9 Local Hazard Mitigation Plan Review Tool. These sections are as follows:



SHOULD WE DEVELOP AN LHMP?

Who Is Eligible?

To be eligible to develop and adopt a FEMA approved LHMP you must be a local government. Section 201.3, 44CFR defines a "local government" as:

> Any county, municipality, city, town, township, public authority, school district, special district, intrastate district, council of governments (regardless of whether the council of governments is incorporated as a non-profit corporation under State law), regional or interstate government entity, or agency or instrumentality of a local government; any Indian tribe or authorized tribal organization, or Alaska Native village or organization; and any rural community, unincorporated town or village, or other public entity.

Why Develop a LHMP (Funding)?

Developing a LHMP allows your local government to be eligible to receive Hazard Mitigation Assistance (HMA) grant funding. These are FEMA grants which include the Hazard Mitigation Grant Program (HMGP), Flood Mitigation Assistance (FMA) Grants, and Building Resilient Infrastructure and Communities (BRIC). LHMPs expire every five years, so you must update your plan and receive approval of the updated plan from FEMA every 5 years to remain eligible.

Other Reasons

One of the largest benefits of developing an LHMP is the planning process itself. Bringing together the entire community to make decisions on what risks exist, what actions can be taken to reduce those risks, and how those actions should be prioritized helps achieve buy-in from the whole community. The final plan will also have two strong elements that can be incorporated into other planning documents such as the General Plan, Emergency Operation Plan, Response Plans, and Evacuation Plans, among others.

1. **RISK ASSESSMENT**

   This assessment fully profiles out the natural hazards that can impact your planning area. This includes not only location, history, and probability; but a full vulnerability and impact analysis that shows what is as risk if an event were to occur and what would happen.

2. **MITIGATION ACTIONS**

   Based on the risk and capability assessments in the plan, the mitigation actions are the key actions your local government can take to mitigate the impacts of hazard in your most vulnerable communities

What Type of Plan Should We Develop?

Whether this is your first plan or an update to an existing plan, you should ask yourself what your planning area is, whom you are trying to protect, and what your relationship is with your surrounding jurisdictions. Those questions can be used to determine what type of mitigation plan you should develop.

SINGLE JURISDICTION PLAN

These plans are developed solely for one local government. Surrounding jurisdictions and agencies should still be invited, but this will result in only one local government having a FEMA approved plan. Choosing this type of plan gives flexibility in that you are not dependent on a lead jurisdiction, or other annexes for the development of your plan.

MULTI-JURISDICTIONAL PLAN (LEAD)

With this plan structure there is a lead jurisdiction, typically the County, and multiple annexes who go through the planning process together. This effort takes economies of scale into effect and allowed multiple jurisdictions to receive a FEMA approved plan as the outcome of one planning process. Most of the administrative work and risk data is collected by the lead jurisdiction who created a base plan that covers the entire planning area. This effort requires coordination of multiple governments and can be a lengthy process trying to keep everyone on track.

MULTI-JURISDICTIONAL PLAN (ANNEX)

In this case you participate as an annex to a larger plan. This requires your local government to be part of the planning process, but you are not required to take on some of the heavier planning elements that are required of the base plan. Your local government will develop an annex which is like an abridged version of the base plan that specifically tailors the analysis to your governments planning area. A downside of this process is that your speed of development.

Participant vs Plan Annex

Local governments, including special districts, seeking plan approval are responsible for participating in the planning process and meeting all requirements as specified in section 201.6, 44CFR. This can often create challenges for large-scale, multijurisdictional plans that include a diverse group of local government planning partners such as cities, counties, special districts, and/or tribes.

A key to addressing this requirement is to clearly define "participation" at the onset of organizing your planning partnership. How will each entity seeking compliance under the plan participate in the process? Clear expectations should be established up front with metrics each partner must meet to be eligible and be covered under the final plan. It should be clearly stated at the beginning of the process who will be an annex and who is just participating as a stakeholder in the planning process.

IMPORTANT METRICS THAT MAY BE SET FOR THOSE PARTICIPATING AS AN ANNEX

PARTICIPATE IN A SET PERCENTAGE OF PLANNING TEAM OR STEERING COMMITTEE MEETINGS
PARTICIPATE IN THE PUBLIC ENGAGEMENT STRATEGY
COMPLETE THEIR JURISDICTION-SPECIFIC ANNEX
MAKE NEEDED REVISIONS IN A TIMELY FASHION
ADOPT THE PLAN

The local planning project leader should monitor the participation metrics and include documentation in the planning process section. The key here is to define the term, establish the metrics, and document the achievement of those participants that meet the metrics.

What Planning Resources are Available?

There are a number of publications and resources available to help develop your LHMP. Some of them are listed in the highlighted section below.

Local Mitigation Planning Handbook - FEMA

The Local Mitigation Planning Handbook was released by FEMA in 2013 and still stands as one of the best tools for local governments to use in developing or updating a Local Hazard Mitigation plan. This document breaks the planning process out into 9 tasks and provides strong examples for each. The document also includes planning process worksheets in its appendices. While some of the elements listed in the document were updated with the Local Mitigation Planning Policy Guide that will go into effect April 19, 2023, the process for creating a LHMP has not changed. Local Mitigation Planning Handbook (fema.gov)

Local Mitigation Planning Policy Guide - FEMA

The Local Mitigation Planning Policy Guide was Released April 19, 2022, and will became effective April 19, 2023. This document outlines the current standards that FEMA will be reviewing LHMP to. This document goes beyond just providing the review tool that FEMA uses. Section 4. Local Planning Requirements outlines not only the required elements but provides insights into their meaning. Additional detail into the "Why" behind each element is provided with definitions of topics such as "Document," "Participation," and "Involvement." This document should be read before starting the planning process to understand what to document and include as you move through the planning process. Local Mitigation Planning Policy Guide (fema.gov)

Mitigation Ideas - FEMA

Identifying your top hazards and vulnerabilities and deciding what actions to take can be difficult. FEMA's Mitigation Ideas resource can be a great way to develop potential mitigation actions. This document is broken down by hazards and gives examples of different ways you could potentially mitigate the hazards facing your planning area. Mitigation Ideas (fema.gov)

Mitigation Action Portfolio - FEMA
Some planning teams will need to see specific examples of mitigation in action to give acceptance. FEMA's Mitigation Action Portfolio provides actual examples of Mitigation actions that have been put in place across the county. This document shows details, costs, funding used, benefits and more related to implemented mitigation actions. Hazard Mitigation Assistance Mitigation Action Portfolio (fema.gov)

2023 California State Hazard Mitigation Plan
The plan you are reading should be used as a primary resource to understand the hazards and vulnerabilities that exists in California. The plan includes profiles for the potential hazards that could occur in California. A Local government may assess the hazards as they relate to their community and planning area. Methodology, process, and resources used in the plan can serve as a reference to create a risk and vulnerability assessment in a Local Hazard Mitigation Plan. The State plan also includes potential actions to mitigate hazards, and information on relevant planning topics such as vulnerable populations, capabilities, and partnerships.

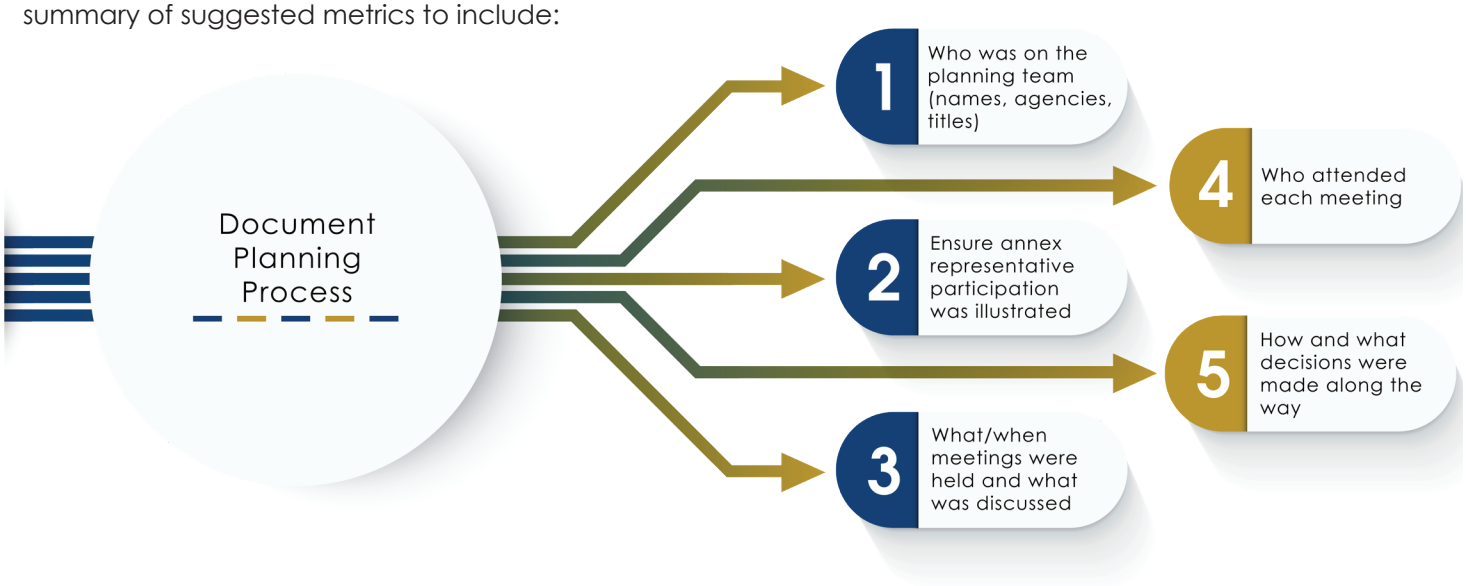
ELEMENT A-PLANNING PROCESS

The planning process section of the mitigation plan documents how the plan was developed, who was involved, and what data and information were used to build or update the plan. A successful planning effort includes active participation and buy-in from community leaders, stakeholders, and the public.

Documenting the Planning Process

Element A1-a and A1-b

A requirement of a FEMA approved hazard mitigation plan is that the plan describes the planning process the local government went through during plan development. This can be achieved by providing a narrative or providing specific documentation such as sign-in sheets and meeting minutes. For this element the plan must describe the full planning process, what planning meetings were held, and what topics were discussed in those meetings. Documentation can be included in the body of the plan or in an appendix. Below is a summary of suggested metrics to include:



Building the Planning Team



It is common for Local Hazard Mitigation Plan development's to be led by a singular agency or department like Emergency Management, Community Development, or Public Works. A common mistake that can be made, especially with multijurisdictional plans, is facilitating these efforts in a silo with a singular department focus. Emergency Managers typically work with other Emergency Managers. Community Planners typically work with other Community Planners.

Successful hazard mitigation planning involves a wide array of stakeholders in the planning process. As you build your planning team, it is beneficial to take a whole community planning approach and include not only local government representatives, but also community organizations such as disaster councils, non-governmental organizations (NGOs), academia and private sector businesses. If you are working on a mitigation plan update, you may consider reconvening the steering committee and/or team from the previous planning process. . "Representatives from agencies involved in hazard mitigation activities, agencies with the authority to regulate development, and offices responsible for enforcing local ordinances are important members of the planning team." (FEMA, Local Mitigation Planning Handbook 2013) The plan must document how these stakeholders were invited to the planning process – such as emails, phone calls, or other communication methods.

STAKEHOLDER GROUPS THAT MUST BE INVITED TO THE PLANNING PROCESS

1. **Local and regional agencies involved in hazard mitigation activities:**
   Public works, emergency management, local floodplain administration, GIS Departments
2. **Agencies that have the authority to regulate development:**
   Zoning, planning, community and economic development departments; building officials; planning commissions; or other elected officials.
3. **Neighboring communities:**
   Adjacent local governments, including special districts, such as those that are affected by similar hazard events or may share a mitigation action or project that crosses boundaries. Neighboring communities may be partners in hazard mitigation and response activities, or may be where critical assets, such as dams, are located.
4. **Representatives of businesses, academia, and other private organizations:**
   Private utilities or major employers that sustain community lifelines.
5. **Representatives of nonprofit organizations, including community-based organizations, which work directly with and/or provide support to underserved communities and socially vulnerable populations, among others:**
   Housing, healthcare, or social service agencies.

When organizing the participants for a hazard mitigation planning effort, make sure each of these sectors is represented in your planning process. This is very important when it comes time to assess the capabilities and capacities of the planning partnership and the development of mitigation strategies and actions. Cross-sector representation will make it easier to answer questions like, "Who is my floodplain administrator?" or "What elements does my Capital Improvement Plan (CIP) cover?" and "How often is it updated?" This will also help to uncover planned development, existing authorities, redundancies, and gaps in capabilities that can be addressed.

Agency Coordination

Not all stakeholders in a planning effort may be able to participate in your planning effort directly. For example, there may be a U.S. Army Corps of Engineers (USACE) project within your planning area that could be a source of risk (i.e., a dam, levee, or flood control project), and the office or personnel responsible for that project are not geographically located nearby and/or do not have the time to directly support your planning process. However, their input and information could be vital to your understanding of the risk that will be assessed by your plan. So how do you engage them to get what you need?

A recommended best management practice for agency coordination is to segregate your identified stakeholders into two groups: participatory stakeholders and coordinating stakeholders, defined as follows:

- **Participants/Partners**—Those identified stakeholders that have agreed to actively participate in your planning process as members of an oversight planning committee or working group and that are seeking single plan or multijurisdictional annex approval. This would involve participation in regularly scheduled meetings and processes.
- **Stakeholders**—Those identified stakeholders that do not have the ability to actively participate in the direct planning process as described above but have information and/or resources that are important to the process and are not seeking single plan or multijurisdictional annex approval. These could also be stakeholders that have expressed an interest in being kept apprised of plan development milestones. Engagement with these stakeholders may be a one-time effort, or as simple as adding them to a cc list for important correspondence on the planning process. Examples of such stakeholders could include but are not limited to:
  - Neighboring communities
  - Local and regional agencies involved in hazard mitigation activities
  - Stakeholder-type organizations that are not represented on the planning committee
  - Local drainage, levee, sanitary, and soil and water conservation districts
  - Regional and metropolitan planning agencies
  - State National Flood Insurance Program (NFIP) Coordinator
  - State water resources agency
  - State coastal zone management agency
  - State emergency management agency
  - FEMA Regional Office
  - National Weather Service

- U.S. Army Corps of Engineers
- Natural Resources Conservation Service
- U.S. Bureau of Reclamation
- U.S. Fish and Wildlife Service
- National Oceanic and Atmospheric Administration
- Native American tribes within the planning area
- American Red Cross
- Local homebuilders' association
- Local environmental groups

Defining the Public



How is "public" defined? For some local hazard mitigation planning efforts, defining the public can be as important as organizing the oversight planning committee. As noted above, the A.3 requirement of 44CFR, section 201.6 specifies that Local Hazard Mitigation Plans must provide the "public" access to all phases of the plan's development and document how they were involved in the planning process. This requirement can differ from jurisdiction to jurisdiction depending on how they define "public" for their agency. For example, a water utility company that meets FEMA's definition of "local government" may define "public" as their customers whereas a city may define "public" as all of the residents of their city.

A clear definition of who the public is in relation to the specific jurisdiction doing the planning will determine the messaging and participation. For the water utility company mentioned above, its public would be the member agencies that buy their water. For those member agencies, its public would be their ratepayers or the constituents in their service area. The water company's messaging would be about their preparedness to provide continuity of operations and how proactive mitigation could help them increase this level of preparedness. The key point here is that "public" does not always mean every citizen within a planning area. The public to be engaged has many variables and should be defined by the planning process. Below are three requirements to remember:

- Define your jurisdiction's public
- Determine and implement a strategy for engaging them during the planning process
- Document how engagement occurred

Social Vulnerability/Equity Priority Communities



Local jurisdictions have a responsibility to ensure that the plan's mitigation strategy complies with all applicable legal requirements and to ensure nondiscrimination. Public outreach should document specific steps taken to ensure equity priority communities have the ability participate in the mitigation planning process and have a voice. Such compliance can help achieve equitable outcomes through the mitigation planning process for all, including equity priority communities and socially vulnerable populations.

FEMA defines equity as the consistent and systematic fair, just, and impartial treatment of all individuals. To

ensure the planning process and outcomes of the local mitigation plans benefit the whole community, equity must be central to its development.

Inclusive planning processes take time and thoughtful planning to be set up in a way that provides everyone with the resources necessary to meaningfully participate, make progress, and benefit from hazard mitigation. Equity is not just an important principle; it is essential to reducing risk to the whole community, particularly for those who face barriers to accessing assistance and for populations that are disproportionately affected by disasters. The whole community includes individuals and communities, the private and non-profit sectors, faith-based organizations, and all levels of government (regional/metropolitan, State, local, tribal, territorial, insular area, and federal). The mitigation plan is an opportunity to counter some of those barriers and intentionally plan for reducing the risk for all communities.

Public Engagement



FEMA's planning policy guide specifies that the plan must document how the public had an opportunity to be involved in the current planning process and what that participation entailed, including how underserved communities and vulnerable populations within the planning area were provided an opportunity to be involved. The opportunity must occur throughout the plan's development. In addition, the plan must document how public feedback was included throughout the planning process.

Many planning efforts conclude the A.3 requirement implies public meetings are mandated. While traditional public meetings are a good way to engage the public, they are not mandated by the A.3 requirement. The requirement states "an opportunity to be involved." There are many ways you can involve the public beyond the traditional public meeting. Some examples include:

- Invite the public and/or Community Based Organizations (CBO) to participate in the oversight planning committee
- Make your oversight planning committee meetings open to the public
- Conduct a survey
- Utilize social media
- Develop a web page that includes interactive components like a "StoryMap"
- Leverage the reach of your CBO stakeholders

The key point here is to develop a public engagement strategy from the onset of the planning process that seeks to leverage existing outreach capabilities within the planning area and build upon those capabilities. Remember, you not only need to engage the public during the planning process, but you also need to have a strategy for how you will continue to engage the public during the plan's implementation. The engagement strategy should also include some successful current and past practices to meet these requirements.

It is important to note that the COVID era has taught us that it is possible to hold successful public meetings in a virtual setting. Platforms like Zoom, Microsoft Teams, and Webex, among others, have become a part of our day-to-day life. While the "whole community" may not have the means to attend virtual meetings, most of the targeted population likely do.

What is your strategy to reach that portion of your population that may not have access or the means to attain virtually? This is where leveraging the reach of CBO planning partners can embolden your outreach strategy. Ideally, your public engagement strategy evolves out of your committee-based planning process. This, once again, stresses the importance of a diverse makeup of the oversight planning committee. Access to expertise in public involvement, like a Public Information Officer (PIO), is vital to any well-rounded public engagement strategy.

ELEMENT B-HAZARD IDENTIFICATION AND RISK ASSESSMENT

The risk assessment identifies the hazards that can affect jurisdictions participating in the mitigation plan. It analyzes each of these hazards with respect to: where each hazard might affect the planning area (location); its potential magnitude (extent); how often events have happened in the past (previous occurrences); how likely they are to occur in the future (future probability); what parts of the community are most likely to be affected (vulnerability); and the potential consequences (impacts). Recommended **best management practices** for hazard identification and risk assessment are as follows:

Selecting the Hazards of Concern

How do you choose the hazards of concern to be addressed by a local hazard mitigation plan? Below are the resources to use to identify potential hazards of concern in your planning area.

- State Hazard Mitigation Plan
- Previous Local Hazard Mitigation Plan
- Your County's Local Hazard Mitigation Plan
- FEMA's National Risk Index: Map | National Risk Index (fema.gov)
- Historical Records

Not all hazards listed in these resources need to be included or assessed in a local plan. It is important to look through your planning areas level of risk to the hazards.

Even if a hazard might occur in the planning area, there may not be enough risk to justify assessing or creating mitigation actions for the hazard. Below is a table from the Stanislaus County plan that ranks the overall significance of hazards that may impact the planning area based on location, probability, and severity.



The plan should classify hazards of concern as high, medium, or low priority based on parameters like those above. This approach can directly inform the identification of actions and strategies targeting and prioritizing hazards with the highest risk. When a hazard that can impact the planning area is being omitted from the plan, the plan must state why.

An example hazards summary worksheet can be found in FEMA's Mitigation planning handbook on page A-29. (FEMA, Local Hazard Mitigation Planning Guide 2022)

Figure 1. Excerpt from Stanislaus County HMP

Table 4-2 Stanislaus County Hazard Significance

Hazard	Geographic Area	Probability of Future Occurrence	Magnitude/Severity (Extent)	Overall Significance
Agriculture Pest and Disease	Extensive	Likely	Limited	Low
Aquatic Invasive Species	Limited	Likely	Negligible	Low
Cyber Attack	Significant	Likely	NA	Medium
Dam Incidents	Significant	Unlikely	Catastrophic	Medium
Drought	Extensive	Likely	Critical	High
Earthquake	Extensive	Occasional	Critical	Medium
Extreme Temperatures: Freeze and Extreme Heat	Extensive	Highly Likely	Critical	High
Flood	Significant	Likely	Critical	Medium
Landslide	Significant	Occasional	Negligible	Low
Public Health Hazards: Pandemic/Epidemic	Extensive	Occasional	Critical	High
Severe Weather: Dense Fog	Extensive	Likely	Critical	Medium
Severe Weather: Heavy Rain, Thunderstorm, Hail, and Lightning	Extensive	Highly Likely	Critical	High
Severe Weather: High Wind and Tornado	Extensive	Highly Likely	Critical	High
Wildfire	Significant	Occasional	Negligible	Medium

Geographic Area
Limited: Less than 10% of planning area
Significant: 10-50% of planning area
Extensive: 50-100% of planning area

Probability of Future Occurrences
Highly Likely: Near 100% chance of occurrence in next year or happens every year.

Magnitude/Severity (Extent)
Catastrophic—More than 50 percent of property severely damaged; shutdown of facilities for more than 30 days; and/or multiple deaths
Critical—25-50 percent of property severely damaged; shutdown of facilities for at least two weeks; and/or injuries and/or illnesses result in permanent disability

https://www.stanoes.com/pdf/mjhmp/2022-MJHMP.pdf

What Data Should Be Used for my Risk Assesment?

The goal of any risk assessment is an enhanced understanding of the risk associated with the hazards addressed by the plan. The old adage is, "You cannot identify actions to reduce risk if you do not know what risk is." To gain this understanding, you have to have data that can help you clearly define the extent and location of the hazards you want to assess. But what is the best data to use? What if the data you want does not exist? Data to support risk assessments can come from many sources. These include federal sources like FEMA, NOAA, USACE, and other agencies, as well as state sources like DSOD, CAL FIRE, and CAGS. There can be local data such as high-water marks, post-event damage assessments, or even something as simple as historical photos that illustrate the extent and location of hazard events.

The key is that the data is creditable and relevant to the impacts and interests of your planning area and that you have buy-in and support for the use of that data from your planning partnership. Data sources should be from a reputable base that potentially has some connection to either the hazard and/or mitigation efforts. FEMA does not intend for the hazard mitigation plan to be the driver for new plans and studies. If the data does not exist to fully assess a hazard, identify that as a gap in available data, and identify and prioritize an action to close that gap. You can stall assess a hazard qualitatively, acknowledging the gap in available data. All good hazard mitigation plans clearly identify what data was used for their risk assessments and why that data was considered the best available at the time of the development of that plan.

FEMA's Hazus Risk Assessment Platform

FEMA's Hazus program provides standardized tools and data for estimating risk from earthquakes, floods, tsunamis, and hurricanes. Hazus models combine expertise from many disciplines to create actionable risk information that increases community resilience. Hazus software is distributed as a GIS-based desktop application with a growing collection of simplified open-source tools. Risk assessment resources from the Hazus program are always freely available and transparently developed. The Hazus program is managed by FEMA's Natural Hazards Risk Assessment Program (NHRAP) within the Risk Management Directorate.

Cal OES recognizes that not all local governments within the state may have the capacity or capability to run the Hazus program in support of local hazard mitigation planning. It is, however, the approach preferred by Cal OES for performing good, quantitative risk assessments for the dam failure, flood, earthquake, and tsunami hazards. A significant number of the state's local hazard mitigation planning efforts have been been funded with grant funding from the FEMA suite of HMA grant programs. When applying for an HMA grant, local governments that lack Hazus capability/capacity can include hiring contractor support to use this tool and get educated on its use and application. The grant funding creates the opportunity to increase this capability/ capacity during the planning process.

Risk Assessment Resources

California is a data-rich state with available data ideally suited to support robust, detailed risk assessments. The resources below include some, but not all of the available resources to assist with risk assessments. It is important to note that the best available data is always changing, and these resources may become outdated as time progresses.

Hazard	Resource Name	Link
Multi-Hazard	Cal OES's MyHazards	Home Page - Cal MyHazards
	Cal-Adapt Climate Tools	Tools | Cal-Adapt
	Adaptation Planning Guide	APG | ResilientCA
	Storm Events Database from NOAA	Storm Events Database - Search Page | National Centers for Environmental Information (noaa.gov)
	FEMA's National Risk Index (NRI)	Map | National Risk Index (fema.gov)
	Federally Declared Disasters	Declared Disasters | FEMA.gov

Hazard	Resource Name	Link
Earthquake	"Shake-Maps" from the CA Geologic Survey (CAGS)	https://www.conservation.ca.gov/cgs/maps-data
	California earthquake risk map & faults by county from the California Earthquake Authority	California Earthquake Map - Fault Lines, Zones & Risks by County | CEA (earthquakeauthority.com)
	Third Uniform California Earthquake Rupture Forecast (UCERF3) from the Southern California Earthquake Center	https://www.scec.org/ucerf
	The Modified Mercalli Intensity Scale	The Modified Mercalli Intensity Scale | U.S. Geological Survey (usgs.gov)
	Earthquake event history from USGS	Lists, Maps, and Statistics | U.S. Geological Survey (usgs.gov)
Riverine and Coastal Flood	FEMA Flood Insurance Rate Maps	https://msc.fema.gov/portal/home
	CA Department of Water Resources "Best Available Map" (BAM)	https://gis.bam.water.ca.gov/bam/
Extreme Heat	Heat Index from the National Weather Service	https://www.weather.gov/ama/heatindex
	Cal Adapts Extreme Heat Days and Warm Nights	Extreme Heat Days & Warm Nights (cal-adapt.org)
Extreme Cold	Wind Shill Chart National Weather Service	Wind Chill Chart (weather.gov)
Wildfire	Cal Fire Frap Maps (See Fire Hazard Severity Zones)	PDF Maps (ca.gov)
	Cal Fire Stats and Events	Stats & Events (ca.gov)
Severe Wind/ Weather	Beaufort Wind Scale from the National Weather Service	Beaufort Wind Scale (weather.gov)
Landslide	California Department of Conservation's Landslide Inventory (Beta)	https://maps.conservation.ca.gov/cgs/lsi/
	USGU U.S. Landslide Inventory Map	https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=ae120962f459434b8c904b456c82669d
Drought	U.S. Drought Monitor	California | U.S. Drought Monitor (unl.edu)
Tsunami	Tsunami hazard mapping from CA geological Survey	https://www.conservation.ca.gov/cgs/tsunami/maps

Hazard	Resource Name	Link
Dam Failure	Dam inundation modeling and mapping made available from the Division of Safety of Dams (DSOD) under the CA Department of Water Resources	https://fmds.water.ca.gov/maps/damim/
Levee Failure	Levee Protection Zone mapping from the CA Department of Water Resources	https://www.conservation.ca.gov/cgs/maps-data
Snow Avalanche	FEMA's National Risk Index	https://hazards.fema.gov/nri/avalanche
	Colorado Avalanche Information Center	https://avalanche.org/avalanche-accidents/
Subsidence	USGS Land Subsidence in California	Land Subsidence in California | U.S. Geological Survey (usgs.gov)
Volcano	FEMA's National Risk Index	Volcanic Activity | National Risk Index (fema.gov)

When combined with locally available data on general building stock that is available from County Assessor offices around the state, this data can be used to build robust Hazus models to support the risk assessments of hazard mitigation plans. If the data and capacity exist to support Hazus modeling, Cal OES recommends following the Hazus level II, user-defined facility protocol for general building stock and critical facility/ infrastructure analyses.

Natural vs. Non-natural Hazards

Many local governments struggle with a quandary, "Do FEMA and Cal OES require Local Hazard Mitigation Plans to assess both natural and non-natural hazards in the risk assessments?" While FEMA's guidance under section 201.6B1, 44CFR is very clear that risk assessments must assess "natural" hazards, Cal OES and FEMA Region 9's position is that non-natural hazards are optional and a local decision. Even though the SHMP includes an assessment of both natural and non-natural hazards, local plans that do not assess non-natural hazards will not be penalized for plan compliance.

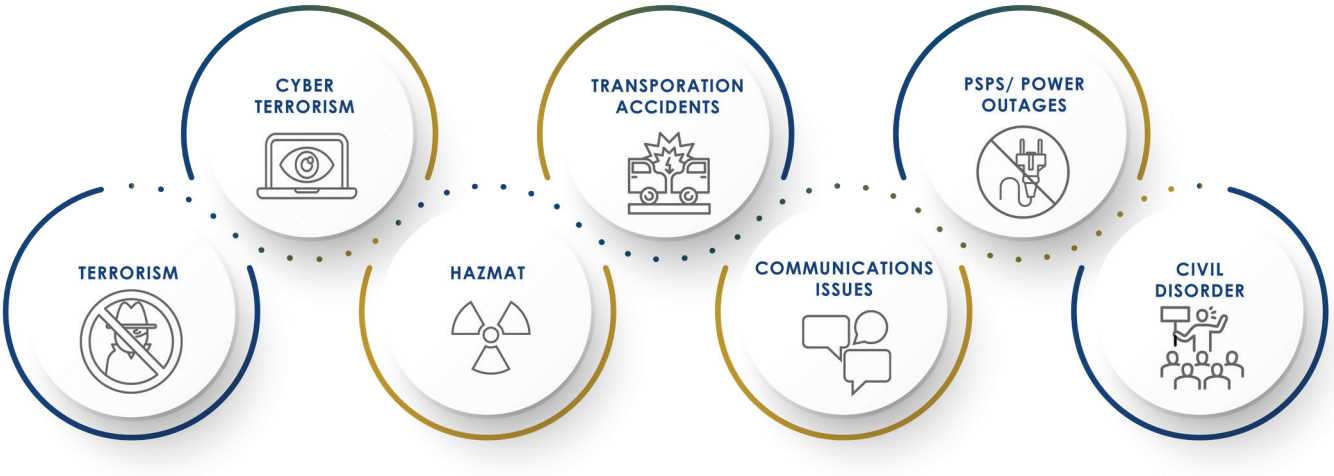
However, it is important to note for those planning efforts that chose to include non-natural hazards in their risk assessments, the two categories of hazards (natural and non-natural) will likely need to be assessed differently. The difference is risk versus threats. The fundamental definition of risk is defined as probability x impact, where impact is defined as the impacts of a hazard on the people, property, economy, and environment of a defined planning area. The key factor in the definition of risk is the probability (how often can or has a hazard event occurred).

Threats are typically associated with intentional acts that target intended consequences. FEMA has prepared guidance for the preparation of Threat and Hazard Identification Risk Assessments (THIRA) that focus on threats and a local government's preparedness to respond to identified threats. When identifying threats and hazards to include in the THIRA, communities consider two key factors: (1) the likelihood of a threat or hazard affecting

the community; and (2) the challenge presented by the impacts of that threat or hazard, should it occur.

There is a fundamental difference between a threat assessment and a risk assessment that makes it difficult to compare natural hazards to non-natural hazards and rank their impacts. That difference is the probability of occurrence. Event recurrence probability is a predominant factor in the weighting of risk, where the frequency of occurrence carries no weight in a threat assessment. In more simplistic terms, for a risk assessment of natural hazards, we care about the difference between the 100-year and 500-year floodplains. The risk in both those areas will be different based on the probabilities of occurrence. There is no such thing as a 100-year terrorism event because the driver for the occurrence of such an event is an intentional act that is striving for consequence. Therein lies the fundamental difference between assessing natural hazards vs. non-natural hazards.

Non-natural hazards include examples such as:



Understanding of the Term "Location" B-1b

For all the assessed hazards in the plan, the local planning team must include the location of the hazard. According to FEMA, "Location is defined as the unique geographic boundaries within the planning area or assets outside of geographic boundaries that may be affected by the identified hazard. Maps are an efficient way to illustrate location. Local governments may choose to describe the location through narratives or other formats." (FEMA, Local Hazard Mitigation Planning Guide 2022). This is typically done for hazards that impact the entire planning area such as drought. When a narrative is used, it must include enough detail to identify the areas and assets that will be affected by the hazard. When maps are used to fulfill this requirement, it is important that they are current, legible, and provide enough detail to identify the hazard location.

Understanding of the Term "Extent"

For local hazard mitigation planning, FEMA has defined extent as "the range of anticipated intensities of the identified hazards." Depending on the hazard, the information must relate to each of the plan participants or the planning area. Extent is most commonly expressed using various scientific scales. A common mistake made with Local Hazard Mitigation Plans is that a map of the location of these hazards meets this requirement.

However, as can be seen with the definition, "extent" means much more. Mapping the location of the hazard for those hazards with a clearly defined extent and location is important to understanding risk. But the severity and/or intensity of that hazard is equally as important. How deep can the flood waters get? How hard will the ground shake? How hot could it get? These factors of risk should also be identified for each hazard of concern. It is possible to convey all factors of the "extent" of a hazard with mapping for some hazards. For example, for the flood hazard, a map illustrating the depths and velocities of expected flooding could be labeled as a "flood extent" map and meet the extent requirements for the flood hazard. For some hazards like landslides or wildfires, it may not be possible to show all factors for extent in a map. In these cases, additional narrative should be provided to address those extent components not reflected in the mapping.

Understanding of the Term "Previous Events"

Profiled hazards within an LHMP must explain the history of the hazard in the area. At a minimum the plan must include any state or federal major disaster declarations for the planning area since the last plan was approved. If no events have occurred for the hazard being profiled the plan should state so. This section should also include events that impacted the community, even if they were not a declared disaster. For example, a jurisdiction may include all earthquakes of a certain magnitude within a specific radius of the planning area. While the event may not have resulted in a declared disaster there still may have been impacts to the community.

Understanding of the Term "Probability"

The LHMP must predict or estimate the probability of the hazard event occurring in the planning area. This can be done in a variety of ways; however, if you use general descriptions such as "Likely" they must be quantitatively defined. Beyond just using history to predict future events, future conditions including climate change must be considered and included in probability analysis. Examples of how probability can be defined include historical frequencies, statistical probabilities, and hazard probability maps.

Understanding of the Term "Vulnerability"

Vulnerability is a key component of a risk assessment. This section must include current and future assets, populations, and the risk that makes them vulnerable to that specific hazard. The vulnerability description must include a summary or problem statement of the hazard and its effects on the populations and assets. Just listing the assets and population potentially at risk does not meet the requirement for vulnerability, the plan must describe why they are vulnerable. FEMA states the following with respects to what assets are. (FEMA, Local Hazard Mitigation Planning Guide 2022)

Assets are determined by the community and include, but are not limited to:

- People (including underserved communities and socially vulnerable populations).
- Structures (including facilities, lifelines, and critical infrastructure).
- Systems (including networks and capabilities).
- Natural, historic, and cultural resources.
- Activities that have value to the community.

Understanding of the Term "Impacts"

Once the location, extent, probability, and vulnerability are determined, the plan can describe the potential impacts on the local government and its assets. Impacts are the consequences or results of each hazard on the local government assets that were identified in the vulnerability assessment. Utilizing historical events and modeling is very useful in understanding the potential impacts. The impacts of a hazard must also include the effects of climate change; shifts in populations patterns, such as the makeup of socially vulnerable populations; and changes in development. This section should also include how the community lifelines are impacted by the hazard, such as safety and security, or communication.

FEMA Repetitive Loss Data

Element B2-c of section 201.6, 44CFR requires a Local Hazard Mitigation Plan to "address repetitively flooded NFIP-insured structures by including the estimated numbers and types (residential, commercial, institutional, etc.) of repetitive/severe repetitive loss properties."

The acquisition of Repetitive Loss data can be a challenge to local governments because this information is protected under the Privacy Act as PII. To obtain this information for any level of analysis in support of local or state hazard mitigation planning, the requestor of the information will need to enter into an Information Sharing Access Agreement (ISAA) with FEMA. The purpose of the ISAA is to enable FEMA to share personally identifiable information (PII) that is protected by the Privacy Act of 1974 (Privacy Act), as amended, 5 U.S.C. § 552a, with a requestions agency or jurisdiction. The ISAA is processed through the FEMA regional office and can take six to eight weeks.

So, what does "address" really mean? Do local governments really need to access Repetitive Loss data from FEMA through the ISAA process to perform some sort of analysis of where these properties are and why they are subject to repetitive flooding to meet the B.2-c requirement? It depends. If a planning effort is seeking credit under FEMA's Community Rating System (CRS) program, and the plan will cover individual communities with 50 or more repetitive loss properties, the plan will need to include some sort of spatial analysis that plots where their structures are in relation to the Special Flood Hazard Area (SFHA), identify the causes for the repetitive flooding, and identify other structures adjacent to the identified RL properties that may be subject to the same repetitive flooding, but are not on FEMA's list because they do not have flood insurance in force.

If a planning effort is not seeking credit under the CRS program, FEMA's requirements for compliance with this requirement are much less stringent. A statistical analysis that shows the number and type of RL and SRL properties by community should suffice. The data to do this level of analysis would not need property-specific data that would be



Image Courtesy of AdobeStock

considered PII. FEMA's flood insurance database (PIVOT) can produce RL and SRL statistics that do not include PII. Contact the FEMA Region IX, NFIP Bureau Statistical Agent for this information.

Impact Scoring

Another option for categorizing and ranking hazard risk would be developing an Impact Scoring strategy. Following the fundamental calculation of risk:

PROBABILITY X IMPACT = RISK

This impact rating assesses the probability of each hazard's occurrence as well as its likely impact on assets and lifelines that are critical to the jurisdiction's capability to respond and recover from hazard events, population exposed, the potential for the expansion of risk due to buildable lands, and future impacts from the hazard due to climate change.

The jurisdiction should determine a probability of occurrence scale and hazard impacts on determined categories, such as lifelines, owned/leased facilities, population, and climate change, among others.

Using calculation metrics, the results should produce a hazard risk ranking that determines what hazards are high, medium, or low priority for their planning area.

ELEMENT C-MITIGATION STRATEGY

The mitigation strategy serves as the long-term blueprint for reducing the potential losses identified in the risk assessment. The Stafford Act directs local mitigation plans to describe hazard mitigation actions and establish a strategy to implement those actions. Therefore, all other requirements for a Local Hazard Mitigation Plan lead to and support the mitigation strategy as a means to reduce risk and vulnerabilities over the long term. Recommended practices for developing a mitigation strategy are as follows:

Understanding Capabilities and Capacities

C.1-a of section 201.6, 44CFR requires the plan must describe how the existing authorities, policies, programs, funding, and resources of each participant are available to support the mitigation strategy. This must include a discussion of the existing building codes and land use and development ordinances or regulations.

The capabilities assessment is a critical component of any hazard mitigation plan. Understanding the capabilities and capacities that a local government has to implement mitigation actions is mission-critical to successfully implementing a plan because you do not want to identify actions you do not have the capability and/or capacity to implement. Most importantly, it is considered a viable mitigation action to increase the capability or capacity of a local government.

When assessing local government capabilities/capacities, Cal OES recommends these capacities be assessed in the following categories:

- **Planning and Regulatory Capabilities:** What plans, programs, and regulatory authorities exist that can support and/or enhance the outcomes of the plan? Are there plans, programs, and regulatory authorities that do not exist (gaps in capability) that hinder the jurisdiction's ability to implement some actions? For example, a municipality may not have a Capital Facilities program that it could utilize to leverage mitigation actions in the plan. Remember, a viable mitigation action could be the creation of a capability that has been identified as a gap. This assessment should take a hard look at the codes and standards available to each local government that have relevance to natural hazards. This assessment should look at all plans and programs that intersect with the following categories of mitigation:
  - Preventative (Codes and Standards)
  - Property protection
  - Natural Resource Protection
  - Emergency Services
  - Structural (Public Works)
  - Public Information
- **Permitting Capability:** For those local governments that pose as "permitting authorities," what capabilities exist for the tracking of permit activity to track growth and development trends? Does the jurisdiction track development permit activity by occupancy type? Do they track permit activity that occurs in identified hazard areas? Do they know where their buildable lands are in relation to known hazard areas?
- **Financial Capability:** What fiscal/financial capabilities exist at the local level that the jurisdiction could utilize to leverage mitigation actions, most notable of which could be the source of local match for FEMA HMA grants? For example, does the jurisdiction have a Capital Facilities program? If so, what types of projects does it fund?
- **Administrative and Technical Capability:** What staff-based technical capability and capacity does the jurisdiction have? Are there engineers, planners, and GIS analysts with expertise in natural hazard impacts? Are there code officials that can monitor structure compliance with codes and standards?
- **Education and Outreach Capabilities:** What capabilities exist at the local level that can be used to engage the public? Does the jurisdiction have a PIO and office? A website? Do they utilize social media? How do they engage the press? How do they warn the public in times of emergency?
- **National Flood Insurance Program (NFIP) Compliance (Municipalities Only):** Do you know who your Floodplain Administrator is? If not, do you know where you can find out? Where is your community's flood damage prevention ordinance, and when was it last updated? What is a "community assistance visit (CAV)," and when did your last one occur? Did the CAV find any issues that could be supported or addressed by hazard mitigation actions? Do you know how many flood insurance policies there are within your community?
  - Answering these questions is important because C2. of section 201.6, 44CFR requires plans to address each jurisdiction's participation in the NFIP and continued compliance with NFIP requirements, as appropriate. A focused capability assessment that answers the questions posed above will meet this requirement. Please note that it will be next to impossible to complete this assessment without involving your jurisdiction's floodplain administrator. If you do not know who that is or what department bares that responsibility, look at your flood damage prevention ordinance. It is an NFIP requirement that the flood damage prevention ordinance designates a floodplain administrator. While the ordinance will not list the

name of the individual with that responsibility, it will list the department and/or position designated for that responsibility.
  - If your floodplain administrator cannot answer the questions listed above, you have identified a gap in capability. Please note that full compliance and good standing under the NFIP is an eligibility prerequisite for local municipal governments under the FEMA suite of HMA grant programs.
- **Community-based Classifications/Designations:** Did you know that there are community rating systems and program designations that can be utilized to attest to the resilience of a community? Supporting or enhancing these classifications/designations can greatly benefit local governments. These programs include:
  - **The Community Rating System (CRS):** Voluntary program under the NFIP that rewards participating communities for exceeding the minimum requirements of the NFIP by lowering the cost of flood insurance in participating communities. For more information, visit: https://www.fema.gov/floodplain-management/community-rating-system#:~:text=The%20Community%20Rating%20System%20(CRS,Over%201%2C500%20communities%20participate%20nationwide.
  - **Building Code Effectiveness Grading Schedule (BCEGS):** The BCEGS assesses community building codes and their enforcement, with special emphasis on the mitigation of losses from natural hazards. For more information visit: https://www.isomitigation.com/bcegs/
  - **Public Protection Classification (PPG):** To help establish appropriate fire insurance premiums for residential and commercial properties, insurance companies need reliable, up-to-date information about a community's fire-protection services. The Public Protection Grading Schedule provides that information through the Public Protection Classification (PPC®) program. If you do not know your community's PPC classification, contact your Fire Chief. This is also sometimes referred to as the ISO Classification. For more information, visit: https://www.isomitigation.com/ppc/
  - **StormReady:** A designation provided by the National Weather Service to participating communities that encourages communities to take a new, proactive approach to improving local hazardous weather operations by providing Emergency Managers with clear-cut guidelines on how to improve their hazardous weather operations. For more information, visit: https://www.weather.gov/stormready/
  - **TsunamiReady:** Like the StormReady program, TsunamiReady® is a designation that is provided by the National Weather Service to participating communities that promote tsunami hazard preparedness as an active collaboration among federal, state/territorial and local emergency management agencies, community leaders, and the public. The main goal of the program is to improve public safety before, during, and after tsunami emergencies. It aims to do this by establishing guidelines for a standard level of capability to mitigate, prepare for and respond to tsunamis and working with communities to help them meet the guidelines and ultimately become recognized as TsunamiReady by the NWS. For more information, visit: https://www.weather.gov/tsunamiready/
  - **Firewise:** The national Firewise USA recognition program provides a collaborative framework to help neighbors in a geographic area get organized, find direction, and take action to increase the ignition resistance of their homes and community and to reduce wildfire risks at the local level. Any community that meets a set of voluntary criteria on an annual basis and retains an "In Good Standing Status" may identify itself as being a Firewise® site. For more information, visit: https://www.nfpa.org/Public-Education/Fire-causes-and-risks/Wildfire/Firewise-USA

Knowledge and understanding of these classifications and designations can be very beneficial for local governments that seek to successfully pursue grant funding under FEMA's suite of HMA grant programs. For example, The BRIC program uses CRS and BCEGS classifications as "evaluation factors" that can make the difference in competitive project funding. These classifications also attest to the capability/capacity that is available at the local level. So as noted above, increasing capability/capacity is a viable mitigation action. So identifying actions to improve a CRS, BCEGS, or PPC classification would also be viable.

The Ability to Expand/Improve Mitigation Capabilities

C1-b of section 201.6, 44CFR requires that the plan must describe the ability of each participant to expand on and improve the capabilities described in the plan. This means that you need to identify what core capabilities exist at the local level and how you can expand on those capabilities. The key element of this requirement is the word "ability." What ability do you have to expand these capabilities? For example, let's say your community has a Capital Facilities plan that covers certain components of critical infrastructure but not all that impact your community. You have the capability because you have the CIP, but it is not as robust as possible. Do you have the ability to make it better? Is there a limitation that would preclude you from making it better? Expanding the scope of your CIP would be a great action to include in your plan if it is feasible and politically supported. But the capability assessment should identify how this would happen. If the CIP referenced above is updated on a periodical cycle, the ability to expand that CIP would be upon its next update. If you use a table that identifies capabilities, include a field that addresses this expansion component. This could be as simple as, "ability to expand", yes or no, with space for an explanation when the yes field has been identified. Opportunities to expand or improve upon capabilities can also be utilized to develop mitigation actions. Additionally, if you are unable to perform a mitigation action, it may be because of a capability deficiency.

Comprehensive Range of Alternatives

C4-a of section 201.6, 44CFR requires the mitigation strategy must include an analysis of a comprehensive range of actions or projects that the participants considered to specifically address vulnerabilities identified in the risk assessment. For LHMPs, FEMA has specified that this requirement means considering mitigation alternatives spanning all types of solutions. These may include local plans and regulations, structure and infrastructure projects, natural systems protection, and education and awareness programs. This analysis helps a jurisdiction select actions based on its own capabilities as well as the social, technical, and economic feasibility of the action.

Where confusion in meeting this requirement can occur is with communities that are also seeking compliance under FEMA's CRS program. The CRS program requires that the plan include a review of possible activities. This is a systematic review of a wide range of activities to ensure that all possible measures are explored, not just the traditional approaches of flood control, acquisition, and land use regulation. The review, including the pros and cons of each activity, must be included in the plan document. So just showing that your actions canvas the categories of mitigation is not enough for CRS credit. The plan must also show what was considered along with those actions selected for the plan. This is often referred to as an "alternatives analysis." There are options to meet this requirement, such as mitigation action worksheets that list the actions considered or a mitigation catalog concept that provides a catalog of mitigation alternatives across the categories of mitigation that can

be used as a list of alternatives by the entities identifying actions for the plan.

Action Items: How Many Should a Plan Have?

This is a frequently asked question – there is no fixed rule or answer. There are several factors to consider. Although there is one requirement: there needs to be one action item for every high hazard. For example, Anytown, U.S., has determined that its hazards are:

Hazard	Ranking
Severe wind/weather (tornado)	High
Flooding	High
Dam failure	Medium
Mass movement/landslide	Low

Because wind and flooding are both high hazards, Anytown is required to have an action item for both of them. However, the action items may be merged if the action item itself applies to both hazards. Example: if Anytown were to purchase back-up or portable generators to ensure a lifeline has power during a power outage.

Some of the factors that may determine the number of action items include:

- Number of previous action items brought forward into the updated plan
- Size of the jurisdiction (number of departments, staff, resources)
- Number and ranking of hazards – what would be affected by the hazards
- Financial assets (funding possibilities aside from grants)
- Jurisdiction's priorities
- Support/assistance needed to assist with the action item from outside government agencies (this does not include funding)

Here's another illustration: Hometown, U.S., is a typical small town with 15,000 residents and a town staff of 20. Hometown participated in a multijurisdictional mitigation plan. How many action items should the town have selected? 100 would be way too many; 1 seems too few. The bulleted items in the list above helped determine how Hometown selected its final number.

For multijurisdictional plans, each planning partner (jurisdictions) should develop actions that are specific to its circumstances. A multijurisdictional plan can also develop action items that apply to each jurisdiction, such as countywide action items. In this example, the lead agency would be responsible for those action items.

Each jurisdiction should determine the number of action items that work best for its unique circumstances.

Funding: What? By Whom? When? Why? How are you going to pay for it?

C5 of section 201,6, 44CFR requires that the plan include an action plan that describes how the actions identified will be prioritized (including cost-benefit review), implemented, and administered by each jurisdiction. The "Action Plan" must clearly identify the following:

- A clear statement of the action you want to do
- What hazards will the action address?
- The agency(s) responsible for the action's implementation
- The estimated cost for the action
- How will the action be funded?
- Timeline for completion
- The priority for the action with an emphasis on benefits vs. costs (Although a full benefit-cost analysis is not necessary, the plan must demonstrate that proposed mitigation actions will be prioritized by weighing the cost of the action versus the benefits the action will produce in addition to other prioritization factors. Another example of a prioritization method may be that jurisdictions establish a minimum threshold for the dollar amount, types, or number of benefits an action must have to be considered for implementation. Or they could simply prioritize actions with more benefits than other alternatives).

There are various options for how an action plan can be presented. The actions can be shown in a matrix (or table) format or as mitigation action worksheets. The key point to remember as far as actions go, the plan must have clearly identified actions for each entity seeking compliance/coverage under the plan. So, whether the plan will cover 1 or 51 local governments, you must be able to map actions directly to those local governments covered by the plan.

ELEMENT D-PLAN MAINTENANCE

The mitigation plan is a living document that guides actions over time. Continually documenting the process makes the next plan update easier. The plan is a blueprint for reducing risk and protecting community investments. Having a process for maintaining the plan reflects the recognition that things change. Not only is there a need to track progress on implementing the mitigation strategy, but new information may become available, and disasters may happen. The plan needs to be revisited at regular intervals to keep it relevant, and the planning team needs to decide how that will be done. At a minimum, this must be done every 5 years, but it should also be done after major disaster events or if new conditions significantly change risk. Recommended BMPs for developing a plan maintenance strategy are as follows:

Progress Reporting

While not a FEMA requirement for LHMP approval, a plan maintenance strategy that includes a protocol for periodic "progress reporting" is considered a best management practice and a requirement for communities seeking credit for their plan under FEMA's CRS program. Progress reporting scripts are a process where the status of the plan's implementation is reviewed periodically during the plan's performance period to identify any needs for course correction in the implementation of the plan. Aside from meeting CRS criteria, the benefits

of progress reporting include:

- Helps to keep the plan dynamic by applying a scripted process that looks at implementation
- Keeps the dialogue going with multijurisdictional planning partners
- A way to stay ahead of impacts due to turnover of staff
- Ongoing reconciliation of actions which will save time when you start the 5-year update
- A good way to communicate mitigation success stories to political leaders and citizens
- Provides a means to add or delete actions to the action plan during the implementation period

The CRS program requires a minimum of annual progress reporting. But if CRS is not the driver for this practice, the interval can be whatever is convenient for the jurisdictions covered by the plan (mid-term, every other year, or even more frequently). Many planning efforts within the state have incorporated progress reporting into their plan maintenance strategies with great success. Some examples include:

- San Mateo County: https://www.smcgov.org/ceo/multijurisdictional-local-hazard-mitigation-plan
- Sonoma County: https://permitsonoma.org/longrangeplans/proposedlong-rangeplans/hazardmitigationupdate
- The City of Los Angeles: https://emergency.lacity.org/la-hazards/city-los-angeles-hazard-mitigation-plan
- The City of Roseville: https://www.roseville.ca.us/government/departments/fire_department/emergency_preparedness/multi_hazard_mitigation_plan
- Placer County: https://www.placer.ca.gov/1381/Local-Hazard-Mitigation-Plan
- Sacramento County: https://waterresources.saccounty.gov/stormready/Pages/Local-Hazard-Mitigation-Plan-2017-Update.aspx
- Stanislaus County: Local Hazard Mitigation Plan - Stanislaus County (stanoes.com)

ELEMENT E-PLAN UPDATE

To continue to effectively represent the jurisdiction's overall strategy for reducing its risks from natural hazards, the local hazard mitigation plan must reflect how current conditions have changed since the last plan. This will require an assessment of the current development patterns and development pressures, as well as an evaluation of any new hazard or risk information. The plan update is an opportunity for the jurisdiction to assess its previous goals and action plan, evaluate progress in implementing hazard mitigation actions, and adjust its actions to address the current realities. Recommended BMPs for plan updates are as follows:

Updating the LHMP

D2 of section 201.6, 44CFR requires that Local Hazard Mitigation Plans be updated within a 5-year cycle. The key point of this requirement is the terminology "within a 5-year cycle". This directive means the plan would be fully updated, approved, and adopted before the 5-year anniversary of the adoption of the prior plan. The idea here is that you do not wait until the 5-year mark to update your plan. You need to allow sufficient time to facilitate the due process to generate a fully compliant plan update. Depending on the scope and scale of the LHMP (multijurisdictional vs. single jurisdictional), the general rule of thumb is that leadership should start thinking about the plan update process at year 3 of the plan's implementation. This is especially true if grant

funding is needed to fund the update effort. Depending on the grant and the program for which you apply (BRIC/FMA vs. HMGP) sub-applicants should expect a minimum of 16 months for an HMA planning grant to be processed for approval. If jurisdictions need to go through a procurement process to solicit contract support, this should also be considered for initiating a plan update process.

It is not about the plan; it is about the process! FEMA's requirements for Local Hazard Mitigation Plans are very "process-oriented," meaning that developing an LHMP is not as simple as just writing a plan and adopting it. FEMA prescribes that these plans go through a process of stakeholder engagement, risk assessment, risk communications, and strategy development. This should all be scripted through a planning process. Planning efforts need to allow for sufficient time for the process to occur naturally and efficiently. Expediting timelines to avoid plan expiration hinders this natural process, ultimately hindering the plan's quality. Understanding the ramifications of plan expiration is important when deciding to expedite a planning process at the sacrifice of a quality plan.

ELEMENT F-PLAN ADOPTION

Adoption by the local governing body or bodies demonstrates the jurisdiction's commitment to the hazard mitigation goals and actions outlined in the plan. Adoption legitimizes the plan and authorizes responsible agencies to perform their responsibilities. Updated plans are adopted to demonstrate the community's recognition of the current planning process, acknowledge changes from the previous 5 years, and validate the priorities for hazard mitigation actions. Without adoption, the jurisdiction has not completed the mitigation planning process. It will not be eligible for certain FEMA assistance, such as HMA or High Hazard Potential Dams (HHPD) grant program funding for mitigation actions. Recommended best management practices for plan updates are as follows:

Approval Pending Adoption

Both FEMA Region 9 and Cal OES highly recommend that completed local hazard mitigation planning efforts be submitted to both FEMA and Cal OES prior to adoption by those entities seeking compliance under a plan. This is what is referred to as the "approval pending adoption" protocol. This recommendation is really in the local government's best interest because it will prevent any jurisdiction from having to readopt a plan following any revisions that may be requested by either Cal OES or FEMA Region 9 following their reviews. The 2023 Planning Policy guidance states a jurisdiction may adopt prior to receiving an Approvable Pending Adoption letter.

Adopting Multijurisdictional Plans

SUBMISSION

Planning partners participating in a multijurisdictional planning process should submit one plan with annexes representing the various participants. A completed Local Hazard Mitigation Plan Review Tool must accompany a submitted plan. The approval requirements for the participants remain the same as those for a single jurisdiction.

The submitted plan should contain all the necessary, required data and information for the entire planning area. Participants' annexes should contain hazard data that is unique for each jurisdiction's area. Additionally, each participant's annex should contain action items for that jurisdiction.

Review and approval of the plan (and annexes) is first conducted by Cal OES, which assesses each annex in conjunction with the overall plan for compliance. If compliance is met, the plan is forwarded to FEMA for evaluation. If, however, one or more annex is deemed insufficient or lacking, Cal OES informs the lead multijurisdictional agency of its findings and may schedule meetings and/or telephone calls in an effort to resolve the insufficiency.

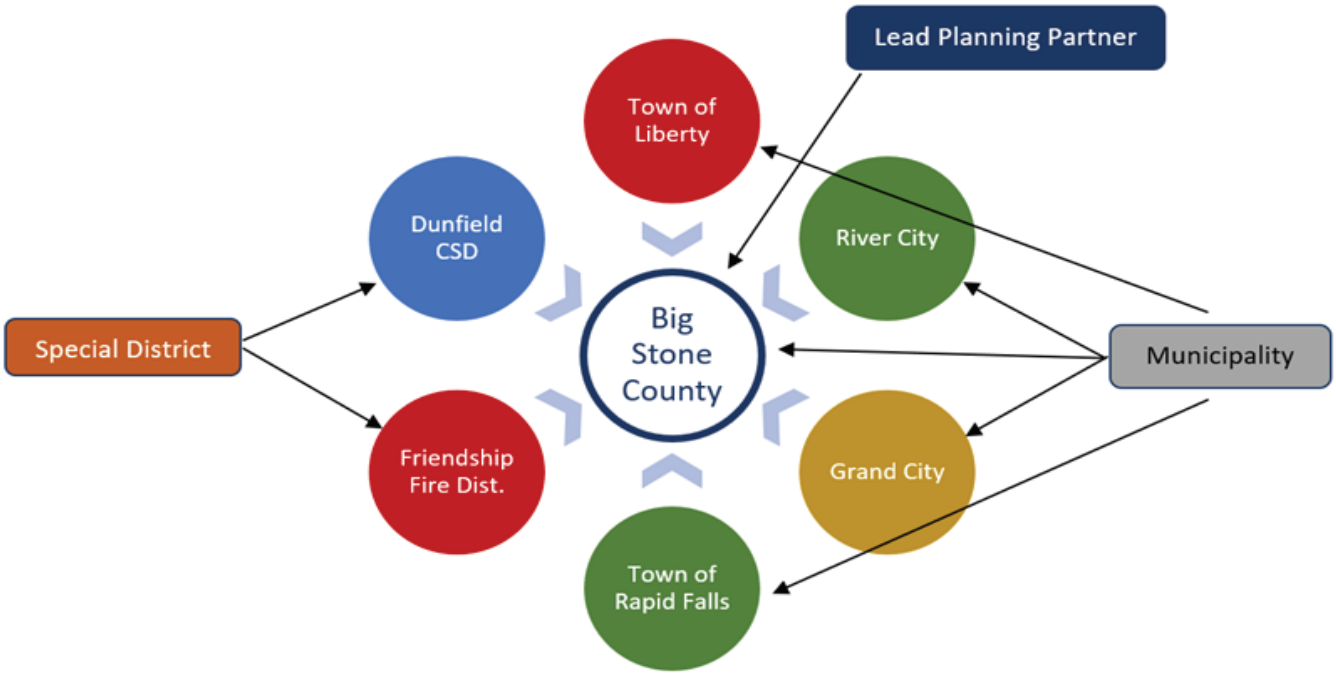
Even if one or more annex is insufficient, the remaining annexes can still move forward in the approval process.

APPROVAL

Once FEMA has approved the plan, the lead agency is contacted by email and/or letter. The lead agency should contact all the planning partners reminding them that each jurisdiction's governing body needs to adopt the FEMA-approved plan by resolution and send a copy of the resolution to FEMA with a copy sent to Cal OES. The plan is officially approved once one participating jurisdiction adopts the Approvable Pending Adoption plan and the adoption is confirmed by FEMA.

ADOPTION

Each planning partner (jurisdiction) that received FEMA approval needs to formally adopt the overall plan, specific jurisdictional annex, and any supportive documents by resolution. This resolution should be forwarded to FEMA with copies sent to Cal OES and the lead planning partner.



HIGH HAZARD POTENTIAL DAMS (OPTIONAL)

The National Dam Safety Program Act (Pub. L. 92–367), as amended, 33 U.S.C. § 467f-2, authorizes FEMA to provide HHPD Rehabilitation Grant Program assistance for the rehabilitation of dams that fail to meet minimum dam safety standards and pose unacceptable risk to life and property. To be eligible for HHPD grants, local governments with jurisdiction over the area of an eligible dam must have an approved Local Hazard Mitigation Plan that includes all dam risks and complies with the Robert T. Stafford Act, as amended. Non-profit organizations seeking funding must ensure that the dam is within a local jurisdiction with an approved hazard mitigation plan that includes all dam risks.

Listed below are the questions asked on the Review Tool are can be used to gauge participation by a jurisdiction in the HHPD Grant Program:

- Does the plan describe the incorporation of existing plans, studies, reports, and technical information for HHPDs?
  - To meet this requirement, the HMP must address the following:
    - Describe how the state dam safety agency coordinated with the jurisdiction and/or local dam owners.
    - Provide a description of the types of dam-related data that have been integrated into the plan, such as the location and size of the PAR, potential impacts to institutions and critical infrastructure/facilities/ community lifelines, EAPs, HEC-RAS, DSS-ISEHCOM, DSS-WISE Lite, FLO-2D, or more detailed studies.
    - When dam safety coordination is limited, explain the limitations.
    - Keep in mind that the planning area may include eligible HHPDs outside of the jurisdiction's political boundaries, like a city that owns a reservoir in a nearby county (FEMA 2021).
- Does the plan address HHPDs in the risk assessment?
  - To meet this requirement, the HMP must address the following:
    - Describe all dam risk, namely incremental, non-breach, and residual risk. A summary narrative description of all dam risk is acceptable. The inclusion of a map depicting HHPD locations within the planning area is encouraged.
    - Describe the risks and vulnerabilities to and from eligible HHPDs, including:
      - Potential cascading impacts of storms, seismic events, landslides, wildfires, etc. on dams that might affect up and downstream flooding potential in terms of breach, non-breach, and residual risk.
      - Potential significant economic, environmental, or social impacts as well as multijurisdictional impacts from a dam incident. Location and size of populations at risk from eligible HHPDs as well as potential impacts to institutions and critical infrastructure/facilities/lifelines.
      - Methodology and/or assumptions for risk data and inundation modeling.
      - Documentation of limitations and the approach to address deficiencies (FEMA 2021).
- Did the plan include mitigation goals to reduce long-term vulnerabilities from HHPDs?
  - To meet this requirement, the HMP must address the following:
    - Address a reduction in vulnerabilities to and from eligible HHPDs as part of their own goal(s) or with other long-term strategies.
    - Keep in mind that the mitigation goals can satisfy the planning requirement without mentioning specific actions, dams or using the term "high hazard potential."

    - Link proposed actions to reducing long-term vulnerabilities from HHPDs to other HMP goals.
- Does the plan include actions that address HHPDs and prioritize mitigation actions to reduce vulnerabilities from HHPDs?
  - To meet this requirement, the HMP must address the following:
    - Describe a range of specific actions such as:
      - Rehabilitating and/or removing dams.
      - Adopting and enforcing land use ordinances in identified flood zones.
      - Acquiring and/or elevating structures, and/or acquiring easements within identified flood zones.
      - Implementing flood protection measures such as berms, floodwalls or, floodproofing within identified flood zones.
  - Describe the criteria used for prioritizing actions related to HHPDs.
  - Identify the position, office, department, or agency responsible for implementing and administering actions related to mitigating hazards for eligible HHPDs.

ADDITIONAL CONSIDERATIONS

Guidance and Legislation: Hazard mitigation like the other components of emergency management, is an evolving process with updates and improvements and guidance being added periodically. In California, the state may enact legislation that further affects mitigation planning efforts and requirements. This legislation is often numbered as SB (Senate Bill) or AB (Assembly Bill) followed by a number. One example is AB2140 that applies to local planning efforts related to the Safety Element of the General Plan.

Community Rating System: Cities that participate in CRS through the NFIP may review any considerations, such as mitigation action items, that maintain or improve their CRS rating. There are additional factors that should be reviewed for compliance during the hazard mitigation planning process. These can be found in the FEMA publication: Mitigation Planning and the CRS Key Topics Bulletin 2018 (https://www.fema.gov/sites/default/files/2020-06/fema-mitigation-planning-and-the-community-rating-system-key-topics-bulletin_10-1-2018.pdf)

State of California
Hazard Mitigation Plan



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Appendix N. Plan Integration



N PLAN INTEGRATION

California's integrated planning spans a wide range of state agencies and departments and stakeholders. Table N-1 is not exhaustive but includes selected plans, policies, and initiatives demonstrating California's efforts and commitment to developing a comprehensive statewide strategy for mitigation hazards.

Table N-1. Selected Integrated Planning

Plan, Policy, or Program	Description	Website
2018 Strategic Fire Plan for California	Prevention, mitigation, suppression, and natural resource management goals and objectives for CAL FIRE. Focused on meeting statewide climate change goals and conserving habitat for adaptation and mitigation.	https://osfm.fire.ca.gov/divisions/community-wildfire-preparedness-and-mitigation/fire-plan/
California Building Standards Code	Includes provisions for seismic events, fires, and floods. In some instances, a model code provides language to assist local jurisdictions with developing higher regulatory standards.	https://www.dgs.ca.gov/BSC/Codes
California's Flood Future: Recommendations for Managing the State's Flood Risk (2013)	Profiles flood risk and makes recommendations for strategies for flood risk reduction. Co-developed by DWR and USACE.	https://cawaterlibrary.net/wp-content/uploads/2017/05/California_Flood_Future.pdf
DWR's Statewide Flood Management Planning (SFMP) Program	A set of planning initiatives focused at the regional, basin, or watershed level to identify localized flood management priorities and challenges. Plans include Sacramento River-Basin-Wide Feasibility Study, San Joaquin River Basin-Wide Feasibility Study, the Central Valley Flood Protection Plan, and six regional flood management plans.	https://water.ca.gov/Programs/Flood-Management/Flood-Planning-and-Studies
Flood Emergency Response Information Exchange (FERIX)	System for agencies to access and exchange current flood information in real time.	https://ferix.water.ca.gov/webapp/home.jsp
Central Valley Tributaries (CVT) Flood Risk Reduction Grant Program	Funding for multi-beneficial flood risk reduction projects to address flood risk in urban communities, small communities, and rural areas.	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Central-Valley-Tributaries-Program
Coastal Watershed Flood Risk Reduction Program	Funding for multi-beneficial flood risk reduction projects to address flood risk in coastal areas. Priority is given to projects located in a FEMA SFHA.	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Coastal-Watershed-Flood-Risk-Reduction
Delta Levees Maintenance Subventions Program	Cost-share program to support local levee maintenance and rehabilitation in the Delta.	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Delta-Levees-Maintenance-Subventions

Plan, Policy, or Program	Description	Website
Delta Levees Special Flood Control Projects Program	Provides funding to local agencies for flood protection in the Delta. Support is provided for projects that protect and enhance environmental and cultural resources, infrastructure, utilities, water quality, and natural resources.	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Delta-Levees-Special-Flood-Control-Projects
Flood Control Subventions Program	Provides non-federal cost share for USACE flood control projects in the Central Valley.	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Flood-Control-Subventions-Program
Flood Corridor Program (FCP)	Provides funding for nonstructural flood management projects to restore the natural functions of the floodplain and enhance habitat.	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Flood-Corridor-Program
Flood Emergency Response Projects Grants	A system of three grants to improve local flood emergency response.	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Flood-Emergency-Response-Projects-Grants
Floodplain Management, Protection and Risk Awareness (FMPRA) Grant Program	Provides funding to support risk reduction of stormwater-related flooding, mudslides, and flash floods.	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Flood-Management-Protection-Risk-Awareness-Program
Local Levee Assistance Program (LLAP)	Provides funding for obtaining geotechnical information to repair damaged levees outside of the Sacramento-San Joaquin Delta.	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Local-Levee-Assistance-Program
Small Communities Flood Risk Reduction Program (SCFRRP)	Provides funding for flood risk reduction projects for small communities protected by State Plan of Flood Control facilities.	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Small-Communities-Flood-Risk-Reduction
Systemwide Flood Risk Reduction Program	Provides funding for projects within the Delta and Central Valley aimed at reducing flood risk and restoring habitat.	https://water.ca.gov/Programs/Flood-Management/Flood-Projects/Systemwide-Flood-Risk-Reduction
Urban Flood Risk Reduction Program	Provides funding for flood risk reduction projects for urban areas protected by State Plan of Flood Control facilities.	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Urban-Flood-Risk-Reduction
California Data Exchange Center (CDEC)	Provides users access to hydrologic and climate information to support real-time flood management and water supply needs in California.	https://cdec.water.ca.gov/
Governor's Office of Planning and Research General Plan Guidelines and Technical Advisories	Provides guidelines for the development of state-mandated general plans for all cities and counties. Guidelines include topics focused on equitable and resilient communities, climate change, environmental justice, and fire hazard planning. The Guidelines also require a safety element that includes climate adaptation for each local plan.	https://opr.ca.gov/planning/general-plan/guidelines.html

Plan, Policy, or Program	Description	Website
State of California Emergency Plan: 2017	Addresses California's response to emergencies associated with natural disasters or human-caused emergencies.	https://www.caloes.ca.gov/wp-content/uploads/Preparedness/Documents/California_State_Emergency_Plan_2017.pdf
Safeguarding California Plan: 2018 Update	Provides the State's strategy for taking action to respond to climate change.	https://resources.ca.gov/CNRALegacyFiles/docs/climate/safeguarding/update2018/safeguarding-california-plan-2018-update.pdf
California Adaptation Planning Guide (APG)	Provides a step-by-step process communities can follow to plan for climate change.	https://resilientca.org/apg/
California's Fourth Climate Change Assessment	Provides information to build resilience to climate impacts, including temperature, wildfire, water, sea level rise, and governance. The Fifth Climate Change Assessment is being updated concurrently with the 2023 State Hazard Mitigation Plan (SHMP) development.	https://climateassessment.ca.gov/
2022 Scoping Plan for Achieving Carbon Neutrality	Provides a roadmap to achieve targets for carbon neutrality and reduction of greenhouse gas emissions by 85 percent below 1990 levels by 2045.	https://ww2.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan/2022-scoping-plan-documents
Integrated Climate Adaptation and Resiliency Program (ICARP)	Enables the State to coordinate across local, regional, and state efforts to support cohesive strategies focused on response to climate impacts by prioritizing equitable approaches that integrate mitigation and adaptation.	https://opr.ca.gov/climate/icarp/
Alliance of Regional Collaboratives for Climate Adaptation (ARCCA)	A network of leading regional collaboratives across California working to build resilience to climate change impacts in their own regions, as well as to support state efforts to advance adaptation research, policymaking, planning, funding, implementation, and monitoring and evaluation efforts.	https://arccacalifornia.org/
Sierra Climate Adaptation and Mitigation Partnership (Sierra CAMP)	A cross-sector partnership that promotes and facilitates regional climate adaptation and mitigation strategies serves as a climate action capacity-building hub for Sierra/Cascade communities. It fosters urban-rural connections to build statewide investment in participating communities and natural resources.	https://www.sierrabusiness.org/archives/sierra-camp/#:~:text=The%20Sierra%20Climate%20Adaptation%20and,urban%2Drural%20connections%20to%20build
Senate Bill 552 (2021)	Outlines new requirements for small water suppliers, county governments, the Department of Water Resources (DWR), and the State Water Resources Control Board (Water Board) to implement more proactive drought planning and be better prepared for future water shortage events or dry years.	Bill Text - SB-552 Drought planning: small water suppliers: nontransient noncommunity water systems. (ca.gov)

Plan, Policy, or Program	Description	Website
Senate Bill 1425 (2022)	Requires every city and county to review and update its local open-space plan by January 1, 2026. These updates must include plans and an action program addressing specified issues, including climate resilience and other co-benefits of open space.	https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=202120220SB1425
Senate Bill 63 (2021)	Directs the Office of the State Fire Marshal and the California Department of Housing and Community Development to propose building standards for high fire hazard severity zones and to consider, if appropriate, standards for moderate severity zones. The bill also directs the California Building Standards Commission to adopt these standards.	https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=202120220SB63
CAL FIRE's Land Use Planning Program	Assists local governments with addressing the unreasonable risk from wildfire by planning for new development in the State Responsibility Areas and Very High Fire Hazard Severity Zones.	https://osfm.fire.ca.gov/divisions/community-wildfire-preparedness-and-mitigation/land-use-planning/
California Wildfire Mitigation Program	Collaborative effort between CAL FIRE and Cal OES Hazard Mitigation to support retrofits and the creation of defensible space around residences.	https://www.caloes.ca.gov/office-of-the-director/operations/recovery-directorate/hazard-mitigation/california-wildfire-mitigation-program/
California Utilities Emergency Association (CUEA)	Serves as a point of contact for critical infrastructure utilities and Cal OES and other governmental agencies before, during, and after an incident to facilitate communications; support planning, mitigation, training, and exercises; and provide emergency response support.	https://www.cueainc.com/
Cal OES' Office of Private Sector/NGO Coordination	Fosters relationships with businesses, associations, companies, nonprofits, and universities with Cal OES.	https://www.caloes.ca.gov/office-of-the-director/policy-administration/private-ngo-coordination/
Community Development Block Grant (CDBG) program	Incorporates disaster planning into the administration of federal CDBG funds.	https://www.grants.ca.gov/grants/community-development-block-grant-cdbg/
CALGreen	State-mandated green building code aimed at improving public health, safety, and general welfare through enhanced design and construction of buildings using concepts that reduce negative impacts and promote those principles which have a positive environmental impact.	https://www.hcd.ca.gov/building-standards/calgreen
Health in All Policies Initiative	A collaborative approach to improving the health of all people by incorporating health considerations into decision-making across sectors and policy areas.	https://sgc.ca.gov/programs/healthandequity/hiap/
Climate Action Plan for Transportation Infrastructure	Identifies critical actions to incentivize the implementation of climate adaptation strategies.	https://calsta.ca.gov/-/media/calsta-media/documents/capti-july-2021-a11y.pdf

Plan, Policy, or Program	Description	Website
CAL FIRE Grants	A portfolio of 10 grant programs that support prevention, conservation, reforestation, forest health, workforce development, tribal resilience, tree plantings, research, and technical assistance.	https://www.fire.ca.gov/grants/
Earthquake Brace + Bolt	Provides funding and incentives to homeowners to retrofit residences.	https://www.earthquakeauthority.com/Prepare-Your-House-Earthquake-Risk/Brace-and-Bolt-Grants
Cap-and-Trade Program	Ensures California meets greenhouse gas emissions reduction goals in a cost-effective manner. Provides financial support to numerous other state agencies and organizations to reduce greenhouse gas emissions and promote economic, environmental, and public health improvements.	https://ww2.arb.ca.gov/our-work/programs/cap-and-trade-program

Appendix O. Potential Funding Sources



O POTENTIAL FUNDING SOURCES

Potential funding sources for hazard mitigation projects are offered by numerous federal and state programs. The tables below are not exhaustive but include selected funding programs that are currently available for application.

Table O-1. Non-Emergency Stafford Act Assistance and FEMA Mitigation Programs

Program	Description	Policy Guide/Website
Public Assistance Categories C-G	Post-disaster reimbursement of response and recovery costs	Process of Public Assistance Grants | FEMA.gov
Fire Management Assistance Grants	Mitigation, management, and control of fires on publicly or privately owned forests or grasslands that threaten destruction that would constitute a major disaster	Fire Management Grant Program (fema.gov)
Building Resilient Infrastructure and Communities (BRIC)	Pre-disaster funding for proactive mitigation and community resilience projects and plans	Building Resilient Infrastructure and Communities | FEMA.gov
Hazard Mitigation Assistance Grant Program (HMGP)	Post-disaster funding for mitigation and community resilience projects and plans	Hazard Mitigation Assistance Grants | FEMA.gov
HMGP-Post Fire	Assistance to help communities implement hazard mitigation measures after wildfire disasters	Hazard Mitigation Grant Program Post Fire | FEMA.gov
Flood Mitigation Assistance (FMA)	Pre-disaster funding for flood hazard mitigation and community resilience activities that benefit properties insured under the National Flood Insurance Program (NFIP)	Flood Mitigation Assistance (FMA) Grant | FEMA.gov
Rehabilitation of High Hazard Potential Dams	Technical, planning, design, and construction assistance in the form of grants for rehabilitation of eligible high hazard potential dams.	Rehabilitation of High Hazard Potential Dams Grant Program Guidance & Resources | FEMA.gov
National Flood Insurance Program (NFIP)	Enables property owners to purchase insurance as a protection against flood losses in exchange for state and community floodplain management regulations that reduce future flood damages.	Flood Insurance | FEMA.gov

Table O-2. Environmental Protection Agency (EPA) Mitigation Programs

Program	Description	Policy Guide/Website
Clean Water Act Section 319 Grants	State and tribal nonpoint source programs include technical assistance, financial assistance, education, training, technology transfer, demonstration projects, and regulatory programs.	Polluted Runoff: Nonpoint Source (NPS) Pollution | US EPA
Clean Water State Revolving Funds	Low-interest loans for a wide range of water infrastructure projects.	Clean Water State Revolving Fund (CWSRF) | US EPA

Program	Description	Policy Guide/Website
Wetland Protection Program Development Grants	Enables applicants to conduct projects that promote the coordination and acceleration of research, investigations, experiments, training, demonstrations, surveys and studies relating to the causes, effects, extent, prevention, reduction and elimination of water pollution.	Wetland Program Development Grants and EPA Wetlands Grant Coordinators | US EPA
Water Infrastructure and Resiliency Finance Center		Water Infrastructure and Resiliency Finance Center | US EPA

Table O-3. Department of Housing and Urban Development (HUD)

Program	Description	Policy Guide/Website
Community Development Block Grant - Mitigation (CDBG-MIT)	The Community Development Block Grant - Mitigation Program is designed to provide assistance to areas affected by recent disasters through funding high-impact activities aimed at reducing future losses from natural hazards.	CDBG-MIT: Community Development Block Grant Mitigation Funds - HUD Exchange
Community Development Block Grant – Disaster Recovery (CDBG-DR)	Provides flexible grants to help cities, counties, and states recover from presidentially declared disasters, especially in low-income areas.	CDBG-DR: Community Development Block Grant Disaster Recovery Funds - HUD Exchange
Section 108 Loan Guarantee Program	Provides communities with low-cost financing for economic development, housing rehabilitation, public facilities, and other physical development projects, including improvements to increase their resilience against natural disasters.	Section 108 Loan Guarantee Program - HUD Exchange

Table O-4. U.S. Bureau of Reclamation

Program	Description	Policy Guide/Website
WaterSMART	Grants and technical assistance to increase water supply through investments to modernize existing infrastructure and avoid potential water conflicts.	WaterSMART | Bureau of Reclamation (usbr.gov)

Table O-5. National Fish and Wildlife Foundation

Program	Description	Policy Guide/Website
Five Star and Urban Waters Restoration Grant Program	Projects seek to address water quality issues in priority watersheds, such as erosion due to unstable streambanks, pollution from stormwater runoff, and degraded shorelines caused by development.	Five Star and Urban Waters Restoration Grant Program | NFWF

Program	Description	Policy Guide/Website
National Coastal Resilience Fund		National Coastal Resilience Fund | NFWF
Resilient Communities Program	The program focuses on water quality and quantity declines, forest health concerns, and sea level rise. The program will emphasize community inclusion and assistance to traditionally underserved populations in vulnerable areas.	Resilient Communities Program | NFWF

Table O-6. National Oceanic and Atmospheric Administration (NOAA)

Program	Description	Policy Guide/Website
Coastal Services Center Grant Opportunities	Supports coastal communities that are environmentally and economically sustainable, and climate adaptation and mitigation.	https://coast.noaa.gov/funding/
National Coastal Zone Management Program	Addresses coastal issues including climate change, ocean planning, and planning for energy facilities and development.	NOAA Office for Coastal Management | About the Office

Table O-7. U.S. Army Corps of Engineers (USACE)

Program	Description	Policy Guide/Website
Planning Assistance to States Program	Funds studies dealing with water resource issues related to: Water supply and demand, water quality, environmental conservation/restoration, wetlands evaluation, dam safety/failure, flood damage reduction, flood plain management, coastal zone management/protection, and harbor/port.	Planning Assistance to States (army.mil)
Flood Plain Management Services	Technical support for effective floodplain management.	Flood Plain Management Services, U.S. Army Corps of Engineers, New England District
Environmental Program	Guidance for implementing environmental programs such as ecosystem restoration and reuse of dredged materials.	Environmental -- Headquarters U.S. Army Corps of Engineers

Table O-8. Bureau of Land Management (BLM)

Program	Description	Policy Guide/Website
Community Wildfire Assistance	Provides funding and technical expertise for hazardous fuels reduction on adjacent non-federal lands, completing Community Wildfire Protection Plans (CWPPs), prevention efforts to reduce human-caused fires, and wildland fire training for fire departments and rangeland fire protection associations (RFPAs).	Community Wildfire Assistance | Bureau of Land Management (blm.gov)

Table O-9. U.S. Department of Agriculture (USDA)

Program	Description	Policy Guide/Website
Smith-Lever Special Needs Competitive Grants Program	Helps enable families, communities, and businesses to successfully prepare for, respond to and cope with disaster losses and critical incidents.	Smith-Lever Special Needs Competitive Grants Program | National Institute of Food and Agriculture (usda.gov)
Community Facilities Direct Loan & Grant Program	This program funds the development of essential community facilities in rural areas.	Community Facilities Direct Loan & Grant Program | Rural Development (usda.gov)
Disaster Assistance Programs	Various programs that provide assistance for natural disaster losses, resulting from drought, flood, fire, freeze, tornadoes, pest infestation, and other calamities.	Disaster Assistance Programs (usda.gov)
Emergency Watershed Protection	Funds for implementing emergency measures to safeguard lives and property from floods, drought, and the products of erosion on any watershed whenever fire, flood, or any other natural occurrence is causing or has caused a sudden impairment of the watershed.	Emergency Watershed Protection | Natural Resources Conservation Service (usda.gov)
Watershed and Flood Prevention Operations (WFPO) Program	Provides funds to prevent erosion, floodwater and sediment damage, to further the conservation development, use and disposal of water, and to further the conservation and proper use of land in authorized watersheds.	Watershed and Flood Prevention Operations (WFPO) Program | Natural Resources Conservation Service (usda.gov)

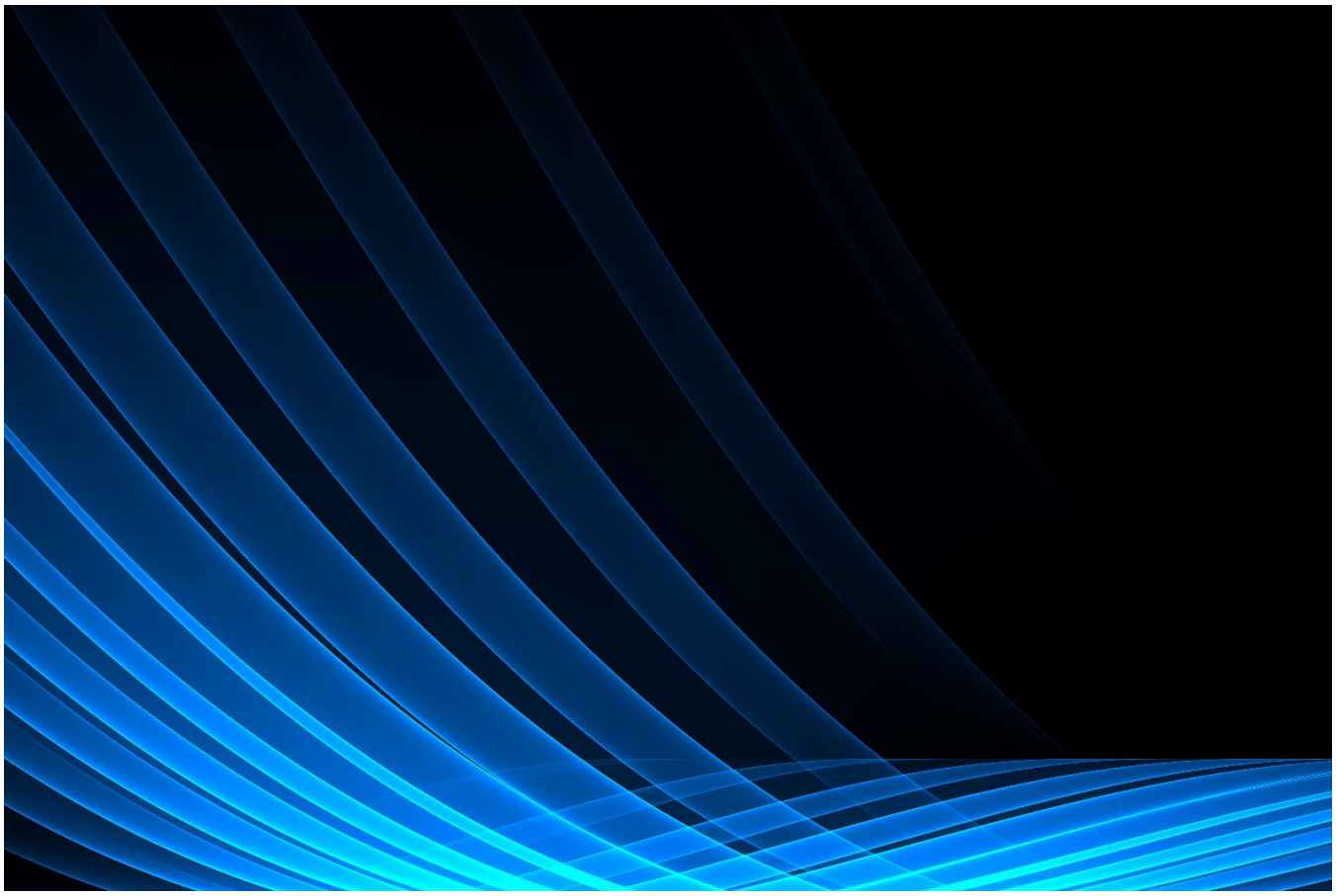
Table O-10. U.S. Department of Homeland Security (DHS)

Program	Description	Policy Guide/Website
Homeland Security Grant Program	Suite of risk-based grants to assist state, local, tribal and territorial efforts in preventing, protecting against, mitigating, responding to and recovering from acts of terrorism and other threats.	Homeland Security Grant Program | FEMA.gov

Table O-11. State Mitigation Programs

Program	Description	Policy Guide/Website
California Earthquake Authority Earthquake Brace + Bolt (EBB) Program	Helps homeowners strengthen their homes against earthquakes by offering a grant of up to $3,000 toward a seismic retrofit for qualifying older houses.	California Earthquake Authority | CEA
Proposition 84	Authorizes general obligation bonds to fund safe drinking water, water quality and supply, flood control, waterway and natural resource protection, water pollution and contamination control, state and local park improvements, public access to natural resources, and water conservation efforts.	Proposition 84 (ca.gov)
DWR Urban Flood Risk Reduction	Allocated Proposition 1E bond funds for projects to rehabilitate, reconstruct, replace, repair, or improve State Plan of Flood Control (SPFC) facilities in the Central Valley.	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Urban-Flood-Risk-Reduction
DWR Flood Control Subventions Program	Provides financial assistance to local agencies cooperating in the construction of federally authorized flood control projects.	Flood Control Subventions Program (ca.gov)
DWR Delta Levees Maintenance Subventions	Provides funding on a cost-share basis to local levee maintaining agencies for rehabilitation and maintenance of levees in the Sacramento-San Joaquin Delta.	Delta Levees Maintenance Subventions (ca.gov)
DWR Delta Levees Special Flood Control Projects	Provides critical financial assistance for flood protection in the Sacramento-San Joaquin Delta.	Delta Levees Special Flood Control Projects (ca.gov)
DWR Central Valley Tributaries Program	Risk reduction projects that address flood risk for urban communities, small communities and/or rural areas; and enhance ecosystems by improving fish and wildlife habitat and water quality downstream.	Central Valley Tributaries Program (ca.gov)
DWR Small Communities Flood Risk Reduction	Local assistance program whose objective is to reduce flood risk for small communities protected by State Plan of Flood Control facilities, as well as for legacy communities.	Small Communities Flood Risk Reduction (ca.gov)
DWR Integrated Regional Water Management Grant Program	Collaborative effort to manage all aspects of water resources in a region. The grant programs fund planning, implementation, and disadvantaged community involvement.	2022 Integrated Regional Water Management Grant Program Guidelines (ca.gov)

Appendix P. California Communities in NFIP and CRS



P CALIFORNIA COMMUNITIES IN NFIP AND CRS

P.1 NATIONAL FLOOD INSURANCE PROGRAM

The National Flood Insurance Program (NFIP) enables property owners to purchase flood insurance. In return, communities agree to adopt and implement local floodplain management regulations that contribute to protecting lives and reducing the risk of new construction and substantial improvements from future flooding.

The NFIP Community Status Book contains the current "NFIP status" of a community in the declared counties. The "NFIP status" can be that a community either:

- Participates in the NFIP
- Does not participate in the NFIP
- Is suspended or sanctioned

Table P-1 provides the NFIP status for participating municipalities and counties in the State of California.

Table P-1. NFIP Status for the State of California

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg Emer Date	Tribal	Curr Class	Program	Participating Community
060639E	ADELANTO, CITY OF	SAN BERNARDINO COUNTY	11/07/78	04/15/80	09/02/16	04/15/80	No		Regular	YES
065072F	AGOURA HILLS, CITY OF	LOS ANGELES COUNTY		03/04/86	04/04/18	03/04/86	No		Regular	YES
060763E	AGUA CALIENTE BAND OF CAHUILLA INDIANS TRIBE	RIVERSIDE COUNTY	06/21/74	03/02/83	04/19/17	06/21/96	Yes		Regular	YES
	USE THE RIVERSIDE COUNTY [060245] FIRM AND USE THE CITIES OF CATHEDRAL CITY [060704] AND PALM SPRINGS [060257] FIRMS.									YES
060001B	ALAMEDA COUNTY*	ALAMEDA COUNTY	11/01/74	04/15/81	12/21/18	04/15/81	No	7	Regular	YES
060002B	ALAMEDA, CITY OF	ALAMEDA COUNTY	05/24/74	08/01/78	12/21/18	08/01/78	No	8	Regular	YES
060003B	ALBANY, CITY OF	ALAMEDA COUNTY	11/19/76	02/01/80	12/21/18	03/11/80	No		Regular	YES
060095#	ALHAMBRA, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	(NSFHA)	11/15/79	No		Regular	YES
060770#	ALISO VIEJO, CITY OF	ORANGE COUNTY		02/18/04	12/03/09	06/18/09	No		Regular	YES
060632#	ALPINE COUNTY*	ALPINE COUNTY		11/19/87	(All Zone D)	04/19/89	No		Regular	YES
060193B	ALTURAS, CITY OF	MODOC COUNTY	05/31/74	09/24/84	12/02/15	09/24/84	No		Regular	YES
060015#	AMADOR COUNTY *	AMADOR COUNTY	06/07/77	09/24/84	01/20/16	09/24/84	No		Regular	YES
060755C	AMERICAN CANYON, CITY OF	NAPA COUNTY	01/29/71	02/01/80	08/03/16	01/11/94	No		Regular	YES
	USE THE NAPA COUNTY [060205] FIRM.									YES
060213#	ANAHEIM, CITY OF	ORANGE COUNTY	07/26/74	06/04/80	12/03/09	06/04/80	No	8	Regular	YES
060359#	ANDERSON, CITY OF	SHASTA COUNTY	06/14/74	09/01/77	03/17/11	09/01/77	No		Regular	YES
060021#	ANGELS, CITY OF	CALAVERAS COUNTY	06/21/74	09/24/84	12/17/10	09/24/84	No		Regular	YES
060026C	ANTIOCH, CITY OF	CONTRA COSTA COUNTY	06/28/74	12/02/80	03/21/17	12/02/80	No		Regular	YES
060752E	APPLE VALLEY, TOWN OF	SAN BERNARDINO COUNTY		03/18/96	09/02/16	06/16/95	No		Regular	YES
065014#	ARCADIA, CITY OF	LOS ANGELES COUNTY	05/14/76	09/26/08	09/26/08	09/07/84	No		Regular	YES
060061B	ARCATA, CITY OF	HUMBOLDT COUNTY	06/28/74	05/02/83	06/21/17	05/02/83	No		Regular	YES
060305C	ARROYO GRANDE, CITY OF	SAN LUIS OBISPO COUNTY	06/07/74	09/19/84	05/16/17	09/19/84	No		Regular	YES

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg Emer Date	Tribal	Curr Class	Program	Participating Community
060097#	ARTESIA, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	(NSFHA)	03/30/79	No		Regular	YES
060076#	ARVIN, CITY OF	KERN COUNTY		08/04/87	09/26/08	01/13/88	No		Regular	YES
060700#	ATASCADERO, CITY OF	SAN LUIS OBISPO COUNTY	09/16/80	01/20/82	11/16/12	01/20/82	No		Regular	YES
060312D	ATHERTON, TOWN OF	SAN MATEO COUNTY	07/11/75	10/16/12	(NSFHA)	10/28/77	No		Regular	YES
060189#	ATWATER, CITY OF	MERCED COUNTY	05/03/74	08/02/95	12/02/08	11/01/79	No		Regular	YES
060240A	AUBURN, CITY OF	PLACER COUNTY	05/31/74	06/08/98	11/02/18	12/23/81	No		Regular	YES
060098#	AVALON, CITY OF	LOS ANGELES COUNTY	10/08/76	09/29/78	09/26/08	09/29/78	No		Regular	YES
065073#	AVENAL, CITY OF	KINGS COUNTY		05/17/88	06/16/09	04/05/89	No		Regular	YES
065015#	AZUSA, CITY OF	LOS ANGELES COUNTY	06/14/74	09/26/08	09/26/08	09/07/84	No		Regular	YES
060077B	BAKERSFIELD, CITY OF	KERN COUNTY	08/16/74	05/01/85	10/21/21	05/01/85	No		Regular	YES
060100#	BALDWIN PARK, CITY OF	LOS ANGELES COUNTY	06/28/74	05/26/78	(NSFHA)	05/26/78	No		Regular	YES
060246#	BANNING, CITY OF	RIVERSIDE COUNTY	03/15/74	10/17/78	08/28/08	10/17/78	No		Regular	YES
060271E	BARSTOW, CITY OF	SAN BERNARDINO COUNTY	01/17/75	02/01/80	09/02/16	02/01/80	No		Regular	YES
060247#	BEAUMONT, CITY OF	RIVERSIDE COUNTY	04/05/74	10/17/78	08/18/14	10/17/78	No		Regular	YES
060656#	BELL GARDENS, CITY OF	LOS ANGELES COUNTY		09/26/08	09/26/08(M)	09/27/91	No		Regular	YES
060101#	BELL, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	(NSFHA)	11/30/79	No		Regular	YES
060102#	BELLFLOWER, CITY OF	LOS ANGELES COUNTY	06/28/74	07/06/98	09/26/08	04/30/79	No		Regular	YES
065016D	BELMONT, CITY OF	SAN MATEO COUNTY	07/19/74	03/09/82	04/05/19	03/09/82	No		Regular	YES
060429D	BELVEDERE, CITY OF	MARIN COUNTY	06/07/74	05/02/77	03/16/16	05/02/77	No		Regular	YES
060368D	BENICIA, CITY OF	SOLANO COUNTY	03/15/74	05/31/77	08/03/16	05/31/77	No		Regular	YES
060004B	BERKELEY, CITY OF	ALAMEDA COUNTY	12/07/73	09/01/78	12/21/18	09/01/78	No		Regular	YES
060655F	BEVERLY HILLS, CITY OF	LOS ANGELES COUNTY	12/11/79	09/26/08	(NSFHA)	01/28/80	No		Regular	YES
060731#	BIG BEAR LAKE, CITY OF	SAN BERNARDINO COUNTY		09/29/78	08/28/08	03/07/89	No		Regular	YES

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg Emer Date	Tribal	Curr Class	Program	Participating Community
060397#	BIG VALLEY BAND OF POMO INDIANS	LAKE COUNTY		09/30/05	09/30/05	06/14/10	Yes		Regular	YES
	COMMUNITY HAS ADOPTED LAKE COUNTY FIRM PANEL 06033C0494 D DATED 09/30/2005.									YES
060437#	BIGGS, CITY OF	BUTTE COUNTY		06/08/98	(NSFHA)	06/04/89	No		Regular	YES
060074B	BISHOP, CITY OF	INYO COUNTY	06/07/74	06/19/85	12/03/20	06/19/85	No		Regular	YES
060438B	BLUE LAKE, CITY OF	HUMBOLDT COUNTY	01/17/75	09/30/82	11/04/16	09/30/82	No		Regular	YES
060248#	BLYTHE, CITY OF	RIVERSIDE COUNTY	05/10/74	06/30/76	(NSFHA)	06/30/76	No		Regular	YES
065017#	BRADBURY, CITY OF	LOS ANGELES COUNTY	11/21/75	09/26/08	(NSFHA)	09/07/84	No		Regular	YES
060066#	BRAWLEY, CITY OF	IMPERIAL COUNTY	06/18/76	09/26/08	09/26/08(M)	08/04/78	No		Regular	YES
060214#	BREA, CITY OF	ORANGE COUNTY	05/24/74	12/02/80	12/03/09	12/02/80	No		Regular	YES
060439C	BRENTWOOD, CITY OF	CONTRA COSTA COUNTY	02/07/75	06/16/09	03/21/17	04/15/79	No		Regular	YES
060314D	BRISBANE, CITY OF	SAN MATEO COUNTY	05/24/74	03/29/83	04/05/19	03/29/83	No		Regular	YES
060757#	BUELLTON, CITY OF	SANTA BARBARA COUNTY	12/20/74	03/15/79	12/04/12	10/16/95	No		Regular	YES
	USE THE SANTA BARBARA COUNTY [060331] FIRM.									YES
060215#	BUENA PARK, CITY OF	ORANGE COUNTY	11/01/74	02/01/79	12/03/09	02/01/79	No		Regular	YES
065018#	BURBANK, CITY OF	LOS ANGELES COUNTY	07/19/74	03/16/81	09/26/08	01/23/81	No		Regular	YES
065019D	BURLINGAME, CITY OF	SAN MATEO COUNTY	06/28/74	09/16/81	04/05/19	09/16/81	No	9	Regular	YES
060017#	BUTTE COUNTY *	BUTTE COUNTY	09/06/74	09/29/89	01/06/11	09/29/89	No		Regular	YES
060749F	CALABASAS, CITY OF	LOS ANGELES COUNTY		12/02/80	12/21/18	03/10/93	No		Regular	YES
	CALABASAS IS LOCATED ON FIRM PANEL 065043 0613B.									YES
060633B	CALAVERAS COUNTY*	CALAVERAS COUNTY	11/29/77	09/05/90	05/16/17	09/05/90	No		Regular	YES
060067#	CALEXICO, CITY OF	IMPERIAL COUNTY	02/01/74	01/20/82	09/26/08	01/20/82	No		Regular	YES
060440#	CALIFORNIA CITY, CITY OF	KERN COUNTY	04/15/77	01/02/82	09/26/08	01/20/82	No		Regular	YES
060740#	CALIMESA, CITY OF	RIVERSIDE COUNTY		08/28/08	08/28/08	05/01/91	No		Regular	YES
	USE THE RIVERSIDE COUNTY [060245] FIRM.									YES

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg Emer Date	Tribal	Curr Class	Program	Participating Community
060068#	CALIPATRIA, CITY OF	IMPERIAL COUNTY	04/12/74	09/26/08	(NSFHA)	06/01/82	No		Regular	YES
060206#	CALISTOGA, CITY OF	NAPA COUNTY	05/10/74	09/28/79	09/26/08	09/28/79	No		Regular	YES
065020E	CAMARILLO, CITY OF	VENTURA COUNTY	07/19/74	09/29/86	01/07/15	09/29/86	No		Regular	YES
060338#	CAMPBELL, CITY OF	SANTA CLARA COUNTY	05/31/74	06/30/76	02/19/14	06/30/76	No		Regular	YES
060753E	CANYON LAKE, CITY OF	RIVERSIDE COUNTY		04/15/80	04/19/17	09/15/98	No		Regular	YES
	THE CITY OF CANYON LAKE HAS ADOPTED THE RIVERSIDE COUNTY (060245) FIRM PANELS 2060, 2070 AND 2090.									YES
060354F	CAPITOLA, CITY OF	SANTA CRUZ COUNTY	05/17/74	08/15/84	09/29/17	08/15/84	No		Regular	YES
060285F	CARLSBAD, CITY OF	SAN DIEGO COUNTY	05/31/74	06/14/77	12/20/19	06/14/77	No		Regular	YES
060196B	CARMEL BY THE SEA, CITY OF	MONTEREY COUNTY	06/14/74	04/02/09	06/21/17	12/18/97	No		Regular	YES
060332D	CARPINTERIA, CITY OF	SANTA BARBARA COUNTY	06/21/74	03/15/77	09/28/18	03/15/77	No		Regular	YES
060107F	CARSON, CITY OF	LOS ANGELES COUNTY	01/14/77	07/06/98	04/21/21(M)	09/29/78	No		Regular	YES
060704#	CATHEDRAL CITY, CITY OF	RIVERSIDE COUNTY		05/01/85	08/28/08	11/12/82	No		Regular	YES
060385B	CERES, CITY OF	STANISLAUS COUNTY	08/24/74	09/26/08	08/24/21	03/07/97	No		Regular	YES
	THE CITY OF CERES HAS ADOPTED THE STANISLAUS COUNTY [060384] FIRM PANELS 505 AND 510.									YES
060108#	CERRITOS, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	09/26/08(M)	02/20/79	No		Regular	YES
060746#	CHICO, CITY OF	BUTTE COUNTY		06/08/98	01/06/11	06/11/97	No		Regular	YES
060754#	CHINO HILLS, CITY OF	SAN BERNARDINO COUNTY		03/18/96	08/28/08	07/11/97	No		Regular	YES
060272#	CHINO, CITY OF	SAN BERNARDINO COUNTY	07/26/74	03/18/96	08/28/08	06/30/76	No		Regular	YES
060171#	CHOWCHILLA, CITY OF	MADERA COUNTY	02/08/74	09/26/08	09/26/08(M)	06/06/19	No		Regular	YES
065021F	CHULA VISTA, CITY OF	SAN DIEGO COUNTY	04/08/77	08/15/83	12/20/19	08/15/83	No		Regular	YES
060765#	CITRUS HEIGHTS, CITY OF	SACRAMENTO COUNTY		08/16/12	08/16/12	10/15/97	No		Regular	YES
	THE CITY OF CITRUS HEIGHTS HAS ADOTPED THE SACRAMENTO COUNTY (060262) FIRM PANELS 0080, 0085, 0105, 0090, 0095, 0115									YES
060109#	CLAREMONT, CITY OF	LOS ANGELES COUNTY	05/24/74	11/20/00	(NSFHA)	09/07/84	No		Regular	YES

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg Emer Date	Tribal	Curr Class	Program	Participating Community
060027C	CLAYTON, CITY OF	CONTRA COSTA COUNTY	05/17/74	12/04/79	03/21/17	12/04/79	No		Regular	YES
060714#	CLEARLAKE, CITY OF	LAKE COUNTY	01/10/75	10/17/78	09/30/05	10/17/78	No	10	Regular	YES
060376#	CLOVERDALE, CITY OF	SONOMA COUNTY	02/22/74	09/27/85	12/02/08	09/27/85	No		Regular	YES
060044#	CLOVIS, CITY OF	FRESNO COUNTY	08/23/77	03/16/83	02/18/09	03/16/83	No		Regular	YES
060045#	COALINGA, CITY OF	FRESNO COUNTY	03/01/74	06/17/91	02/18/09	08/23/82	No		Regular	YES
060316D	COLMA, TOWN OF	SAN MATEO COUNTY	09/14/73	10/16/12	(NSFHA)	11/01/79	No		Regular	YES
060273E	COLTON, CITY OF	SAN BERNARDINO COUNTY	06/07/74	09/17/80	09/02/16	09/17/80	No		Regular	YES
060022#	COLUSA COUNTY *	COLUSA COUNTY	10/25/74	09/18/85	05/15/03	09/18/85	No		Regular	YES
060023#	COLUSA, CITY OF	COLUSA COUNTY	11/16/73	08/03/98	05/15/03	06/30/76	No		Regular	YES
060110#	COMMERCE, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	09/26/08(M)	04/15/79	No		Regular	YES
060111#	COMPTON, CITY OF	LOS ANGELES COUNTY	06/28/74	07/06/98	09/26/08(M)	03/30/79	No		Regular	YES
065022C	CONCORD, CITY OF	CONTRA COSTA COUNTY	06/28/74	07/05/84	03/21/17	07/05/84	No	6	Regular	YES
060025C	CONTRA COSTA COUNTY*	CONTRA COSTA COUNTY	11/01/74	07/16/87	03/21/17	07/16/87	No	6	Regular	YES
060663#	CORCORAN, CITY OF	KINGS COUNTY		06/16/09	06/16/09(M)	11/28/97	No		Regular	YES
	THE CITY OF CORCORAN HAS ADOPTED THE KINGS COUNTY (060086) FIRM DATED 8-4-88.									YES
060398#	CORNING, CITY OF	TEHAMA COUNTY	05/24/74	08/16/82	09/29/11	08/16/82	No		Regular	YES
060250#	CORONA, CITY OF	RIVERSIDE COUNTY	05/24/74	05/15/78	08/28/08	05/15/78	No		Regular	YES
060287F	CORONADO, CITY OF	SAN DIEGO COUNTY	06/28/74	07/15/88	12/20/19	06/01/82	No		Regular	YES
065023D	CORTE MADERA, TOWN OF	MARIN COUNTY	06/28/74	12/15/77	03/16/16	12/15/77	No	6	Regular	YES
060216C	COSTA MESA, CITY OF	ORANGE COUNTY	05/17/74	09/30/82	03/21/19(M)	09/30/82	No		Regular	YES
060377#	COTATI, CITY OF	SONOMA COUNTY	11/22/74	04/15/80	12/02/08	04/15/80	No		Regular	YES
065024#	COVINA, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	(NSFHA)	05/25/78	No		Regular	YES
060039C	CRESCENT CITY, CITY OF	DEL NORTE COUNTY	05/03/74	11/23/82	08/02/17	11/23/82	No		Regular	YES

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg Emer Date	Tribal	Curr Class	Program	Participating Community
060657#	CUDAHY, CITY OF	LOS ANGELES COUNTY		09/26/08	09/26/08(M)	12/30/83	No		Regular	YES
060114F	CULVER CITY, CITY OF	LOS ANGELES COUNTY	06/28/74	02/01/80	04/21/21	02/01/80	No		Regular	YES
060339#	CUPERTINO, CITY OF	SANTA CLARA COUNTY	02/15/74	05/01/80	05/18/09	05/01/80	No	7	Regular	YES
060217#	CYPRESS, CITY OF	ORANGE COUNTY	04/09/76	09/15/89	12/03/09(M)	02/12/79	No		Regular	YES
060317D	DALY CITY, CITY OF	SAN MATEO COUNTY	02/22/74	10/16/12	04/05/19	07/31/79	No		Regular	YES
060736C	DANA POINT, CITY OF	ORANGE COUNTY		09/15/89	03/21/19	09/26/89	No		Regular	YES
060707C	DANVILLE, TOWN OF	CONTRA COSTA COUNTY		09/27/85	03/21/17	09/27/85	No		Regular	YES
060424#	DAVIS, CITY OF	YOLO COUNTY	11/08/77	11/15/79	06/18/10	11/15/79	No		Regular	YES
060288F	DEL MAR, CITY OF	SAN DIEGO COUNTY	02/22/74	08/15/83	12/20/19	08/15/83	No		Regular	YES
065025C	DEL NORTE COUNTY*	DEL NORTE COUNTY	12/27/74	01/24/83	08/02/17	01/24/83	No		Regular	YES
060197B	DEL REY OAKS, CITY OF	MONTEREY COUNTY	05/14/76	11/04/81	06/21/17	11/04/81	No		Regular	YES
060078#	DELANO, CITY OF	KERN COUNTY	05/24/74	09/26/08	(NSFHA)	08/23/82	No		Regular	YES
060251#	DESERT HOT SPRINGS, CITY OF	RIVERSIDE COUNTY	05/24/74	04/02/79	08/28/08	04/02/79	No		Regular	YES
060741#	DIAMOND BAR, CITY OF	LOS ANGELES COUNTY		12/02/80	09/26/08	07/31/91	No		Regular	YES
	USE THE LOS ANGELES COUNTY [065043] FIRM.									YES
060403#	DINUBA, CITY OF	TULARE COUNTY	06/28/74	11/03/82	06/16/09	11/03/82	No		Regular	YES
060369#	DIXON, CITY OF	SOLANO COUNTY	03/15/74	05/19/81	08/02/12(M)	05/19/81	No		Regular	YES
060443#	DOS PALOS, CITY OF	MERCED COUNTY	06/27/75	08/02/95	(NSFHA)	05/25/78	No		Regular	YES
060645#	DOWNEY, CITY OF	LOS ANGELES COUNTY		07/06/98	09/26/08(M)	09/30/91	No		Regular	YES
065026#	DUARTE, CITY OF	LOS ANGELES COUNTY	07/19/74	09/26/08	(NSFHA)	09/07/84	No		Regular	YES
060705#	DUBLIN, CITY OF	ALAMEDA COUNTY		08/18/83	08/03/09	04/15/81	No		Regular	YES
060363#	DUNSMUIR, CITY OF	SISKIYOU COUNTY	05/24/74	12/04/79	01/19/11	12/04/79	No		Regular	YES
060708D	EAST PALO ALTO, CITY OF	SAN MATEO COUNTY		09/19/84	04/05/19	09/19/84	No	8	Regular	YES

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060155#	EASTVALE, CITY OF	RIVERSIDE COUNTY		08/28/08	08/28/08	06/05/13	No		Regular	YES
060289#	EL CAJON, CITY OF	SAN DIEGO COUNTY	03/08/74	09/15/77	05/16/12	09/01/77	No		Regular	YES
060670#	EL CENTRO, CITY OF	IMPERIAL COUNTY	02/01/74	09/26/08	09/26/08(M)	08/04/78	No		Regular	YES
065027C	EL CERRITO, CITY OF	CONTRA COSTA COUNTY	06/28/74	06/01/77	03/21/17	06/01/77	No		Regular	YES
060040#	EL DORADO COUNTY*	EL DORADO COUNTY	08/02/74	10/18/83	04/03/12	04/09/86	No		Regular	YES
060658#	EL MONTE, CITY OF	LOS ANGELES COUNTY		09/26/08	(NSFHA)	06/16/99	No		Regular	YES
060308#	EL PASO DE ROBLES, CITY OF	SAN LUIS OBISPO COUNTY	02/15/74	09/16/81	11/16/12	09/16/81	No		Regular	YES
060118F	EL SEGUNDO, CITY OF	LOS ANGELES COUNTY	10/31/75	09/26/08	04/21/21	05/25/78	No		Regular	YES
060767D	ELK GROVE, CITY OF	SACRAMENTO COUNTY	01/10/75	03/15/79	07/19/18	10/15/01	No		Regular	YES
	USE THE SACRAMENTO COUNTY (060262) FIRM PANELS 310, 320 AND 340.									YES
060005B	EMERYVILLE, CITY OF	ALAMEDA COUNTY	01/16/76	08/03/09	12/21/18	04/21/78	No		Regular	YES
060726F	ENCINITAS, CITY OF	SAN DIEGO COUNTY		07/15/88	12/20/19	07/15/88	No		Regular	YES
060644#	ESCALON, CITY OF	SAN JOAQUIN COUNTY		10/16/09	(NSFHA)	10/16/09	No		Regular	YES
060290F	ESCONDIDO, CITY OF	SAN DIEGO COUNTY	10/26/73	09/15/83	04/05/16	09/15/83	No		Regular	YES
060364#	ETNA, CITY OF	SISKIYOU COUNTY	02/22/74	03/04/80	01/19/11	03/04/80	No		Regular	YES
060062B	EUREKA, CITY OF	HUMBOLDT COUNTY	05/24/74	06/01/82	06/21/17	06/01/82	No		Regular	YES
060404#	EXETER, CITY OF	TULARE COUNTY	03/08/74	06/16/09	(NSFHA)	08/24/81	No		Regular	YES
060175#	FAIRFAX, TOWN OF	MARIN COUNTY	01/05/78	01/05/78	03/17/14	01/05/78	No	9	Regular	YES
060370D	FAIRFIELD, CITY OF	SOLANO COUNTY	10/18/74	07/05/84	08/03/16	07/05/84	No	7	Regular	YES
060405#	FARMERSVILLE, CITY OF	TULARE COUNTY	10/01/76	12/15/83	06/16/09	12/15/83	No		Regular	YES
060445B	FERNDALE, CITY OF	HUMBOLDT COUNTY	12/20/74	12/01/93	11/04/16	12/01/93	No		Regular	YES
060415#	FILLMORE, CITY OF	VENTURA COUNTY	01/18/74	10/17/78	01/20/10	10/17/78	No		Regular	YES
060046#	FIREBAUGH, CITY OF	FRESNO COUNTY	12/06/74	11/20/98	02/18/09	08/23/82	No		Regular	YES

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060263D	FOLSOM, CITY OF	SACRAMENTO COUNTY	12/03/76	01/06/82	07/19/18	01/06/82	No		Regular	YES
060274E	FONTANA, CITY OF	SAN BERNARDINO COUNTY	06/21/74	06/04/87	09/02/16	06/04/87	No		Regular	YES
060184C	FORT BRAGG, CITY OF	MENDOCINO COUNTY	05/10/74	12/07/82	07/18/17	12/07/82	No		Regular	YES
060365#	FORT JONES, TOWN OF	SISKIYOU COUNTY	04/05/74	04/15/80	01/19/11	04/15/80	No		Regular	YES
060743#	FORT MOJAVE INDIAN TRIBE	SAN BERNARDINO COUNTY		03/18/96	08/28/08	03/18/96	Yes		Regular	YES
	INCLUDES ALL AREAS OF THE FORT MOJAVE INDIAN RESERVATIONS OF									YES
	ARIZONA, CALIFORNIA, AND NEVADA									
060063B	FORTUNA, CITY OF	HUMBOLDT COUNTY	02/01/74	05/03/82	11/04/16	05/03/82	No		Regular	YES
060318D	FOSTER CITY, CITY OF	SAN MATEO COUNTY	06/14/74	01/07/77	04/05/19	01/07/77	No		Regular	YES
060218C	FOUNTAIN VALLEY, CITY OF	ORANGE COUNTY	03/29/74	11/17/82	03/21/19(M)	11/17/82	No	9	Regular	YES
060047#	FOWLER, CITY OF	FRESNO COUNTY	05/03/74	09/24/84	02/18/09	09/24/84	No		Regular	YES
065028#	FREMONT,CITY OF	ALAMEDA COUNTY	06/21/77	05/02/83	08/03/09	05/02/83	No	7	Regular	YES
065029#	FRESNO COUNTY *	FRESNO COUNTY	12/23/71	12/01/82	01/20/16	12/01/82	No	7	Regular	YES
060048#	FRESNO, CITY OF	FRESNO COUNTY	10/18/74	12/01/82	02/18/09	12/01/82	No	8	Regular	YES
060219#	FULLERTON, CITY OF	ORANGE COUNTY	06/28/74	07/05/77	12/03/09	07/05/77	No		Regular	YES
060264D	GALT, CITY OF	SACRAMENTO COUNTY	05/17/74	12/01/81	10/20/16	12/01/81	No		Regular	YES
060220#	GARDEN GROVE, CITY OF	ORANGE COUNTY	06/14/74	09/30/82	12/03/09(M)	09/30/82	No		Regular	YES
060119#	GARDENA, CITY OF	LOS ANGELES COUNTY	12/05/75	07/06/98	09/26/08(M)	04/21/78	No		Regular	YES
060340#	GILROY, CITY OF	SANTA CLARA COUNTY	05/31/74	08/01/80	05/18/09	08/01/80	No	8	Regular	YES
065030#	GLENDALE, CITY OF	LOS ANGELES COUNTY	03/10/72	09/26/08	(NSFHA)	08/31/84	No		Regular	YES
065031#	GLENDORA, CITY OF	LOS ANGELES COUNTY	04/20/72	09/26/08	(NSFHA)	11/18/75	No		Regular	YES
060057#	GLENN COUNTY *	GLENN COUNTY	09/13/77	09/03/80	08/05/10	09/03/80	No		Regular	YES
060771D	GOLETA, CITY OF	SANTA BARBARA COUNTY	12/20/74	03/15/79	09/28/18	06/02/04	No		Regular	YES
060198#	GONZALES, CITY OF	MONTEREY COUNTY	05/24/74	11/18/81	04/02/09	11/18/81	No		Regular	YES

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060737E	GRAND TERRACE, CITY OF	SAN BERNARDINO COUNTY		03/18/96	09/02/16	01/15/16	No		Regular	YES
060211#	GRASS VALLEY, CITY OF	NEVADA COUNTY	05/17/74	09/30/82	02/03/10	09/30/82	No		Regular	YES
060446#	GREENFIELD, CITY OF	MONTEREY COUNTY	08/06/76	04/02/09	04/02/09	08/23/82	No		Regular	YES
060019#	GRIDLEY, CITY OF	BUTTE COUNTY	05/24/74	06/08/98	01/06/11(M)	04/25/97	No		Regular	YES
060306C	GROVER BEACH, CITY OF	SAN LUIS OBISPO COUNTY	06/21/74	08/01/84	05/16/17	08/01/84	No		Regular	YES
060333#	GUADALUPE, CITY OF	SANTA BARBARA COUNTY	05/17/74	09/30/05	09/30/05	04/30/82	No		Regular	YES
060319D	HALF MOON BAY, CITY OF	SAN MATEO COUNTY	03/01/74	06/03/86	08/02/17	08/08/79	No		Regular	YES
060088#	HANFORD,CITY OF	KINGS COUNTY	06/07/74	03/18/87	06/16/09(M)	03/18/87	No		Regular	YES
065032#	HAWAIIAN GARDENS, CITY OF	LOS ANGELES COUNTY	09/25/70	09/26/08	(NSFHA)	09/01/76	No		Regular	YES
060123F	HAWTHORNE, CITY OF	LOS ANGELES COUNTY	12/04/79	12/04/79	(NSFHA)	08/13/79	No		Regular	YES
065033B	HAYWARD, CITY OF	ALAMEDA COUNTY	02/14/75	09/16/81	12/21/18	09/16/81	No		Regular	YES
060378#	HEALDSBURG, CITY OF	SONOMA COUNTY	03/01/74	03/04/80	12/02/08	03/04/80	No		Regular	YES
060253E	HEMET, CITY OF	RIVERSIDE COUNTY	05/24/74	09/29/78	04/19/17	09/29/78	No		Regular	YES
060434C	HERCULES, CITY OF	CONTRA COSTA COUNTY	03/26/76	09/30/82	03/21/17	09/30/82	No		Regular	YES
060124F	HERMOSA BEACH, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	04/21/21	08/23/82	No		Regular	YES
060733E	HESPERIA, CITY OF	SAN BERNARDINO COUNTY		09/29/89	09/02/16	10/19/89	No		Regular	YES
060125#	HIDDEN HILLS, CITY OF	LOS ANGELES COUNTY	04/23/76	09/07/84	(NSFHA)	09/07/84	No		Regular	YES
060732E	HIGHLAND, CITY OF	SAN BERNARDINO COUNTY		09/29/89	09/02/16	10/19/89	No		Regular	YES
060320D	HILLSBOROUGH, TOWN OF	SAN MATEO COUNTY	05/31/74	10/06/99	04/05/19	09/01/81	No		Regular	YES
060268#	HOLLISTER, CITY OF	SAN BENITO COUNTY	06/14/74	06/19/85	04/16/09	06/19/85	No		Regular	YES
060070#	HOLTVILLE, CITY OF	IMPERIAL COUNTY	04/05/74	01/20/82	09/26/08	01/20/82	No		Regular	YES
060386B	HUGHSON, CITY OF	STANISLAUS COUNTY	05/24/74	09/26/08	08/24/21(M)	04/21/20	No		Regular	YES
	The community has annexed ~ 100 acres north of the City boundary with Zone A SFHA and thus adopted the Stanislaus County Index 060384, September 26, 2008, and Panels 365, 560, and 600 of 1075.									YES

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060060B	HUMBOLDT COUNTY*	HUMBOLDT COUNTY	09/13/77	07/19/82	06/21/17	07/19/82	No		Regular	YES
065034C	HUNTINGTON BEACH, CITY OF	ORANGE COUNTY	08/09/74	02/16/83	03/21/19	02/16/83	No	7	Regular	YES
060049#	HURON, CITY OF	FRESNO COUNTY	05/17/74	07/19/01	02/18/09	09/01/81	No		Regular	YES
060291F	IMPERIAL BEACH, CITY OF	SAN DIEGO COUNTY	04/05/74	06/01/78	12/20/19	06/01/78	No		Regular	YES
060065B	IMPERIAL COUNTY *	IMPERIAL COUNTY	11/01/74	03/15/84	03/22/22	03/15/84	No		Regular	YES
060071#	IMPERIAL, CITY OF	IMPERIAL COUNTY	02/01/74	09/26/08	(NSFHA)	06/30/76	No		Regular	YES
060254E	INDIAN WELLS, CITY OF	RIVERSIDE COUNTY	06/28/74	09/14/79	04/19/17	09/14/79	No		Regular	YES
060255E	INDIO, CITY OF	RIVERSIDE COUNTY	05/31/74	09/14/79	03/06/18	09/14/79	No		Regular	YES
065035#	INDUSTRY, CITY OF	LOS ANGELES COUNTY	06/16/72	09/26/08	(NSFHA)	09/07/84	No		Regular	YES
065036F	INGLEWOOD, CITY OF	LOS ANGELES COUNTY	10/17/72	09/26/08	(NSFHA)	02/20/79	No		Regular	YES
060073B	INYO COUNTY *	INYO COUNTY	01/10/75	09/04/85	12/03/20	09/04/85	No		Regular	YES
060016#	IONE, CITY OF	AMADOR COUNTY	05/24/74	07/08/80	01/20/16	07/08/80	No		Regular	YES
060222C	IRVINE, CITY OF	ORANGE COUNTY	06/21/74	02/15/80	03/21/19	02/15/80	No	9	Regular	YES
060129#	IRWINDALE, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	(NSFHA)	02/12/79	No		Regular	YES
060265#	ISLETON,CITY OF	SACRAMENTO COUNTY	01/04/74	12/01/78	08/16/12	12/01/78	No		Regular	YES
060448#	JACKSON, CITY OF	AMADOR COUNTY	06/25/76	08/19/85	05/20/10	08/19/85	No		Regular	YES
060286#	JURUPA VALLEY, CITY OF	RIVERSIDE COUNTY		08/18/14	08/18/14	09/23/13	No		Regular	YES
060075B	KERN COUNTY*	KERN COUNTY	06/20/78	09/29/86	10/21/21	09/29/86	No	9	Regular	YES
060199#	KING CITY, CITY OF	MONTEREY COUNTY	09/02/70	10/15/81	04/02/09	10/15/81	No		Regular	YES
060086B	KINGS COUNTY *	KINGS COUNTY	08/23/74	08/04/88	09/16/15	08/04/88	No		Regular	YES
060050#	KINGSBURG, CITY OF	FRESNO COUNTY	05/24/74	07/19/01	(NSFHA)	11/30/83	No		Regular	YES
060669#	LA CANADA FLINTRIDGE, CITY OF	LOS ANGELES COUNTY		09/26/08	(NSFHA)	09/07/84	No		Regular	YES
060701#	LA HABRA HEIGHTS, CITY OF	LOS ANGELES COUNTY		09/26/08	(NSFHA)	09/07/84	No		Regular	YES

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg Emer Date	Tribal	Curr Class	Program	Participating Community
060224#	LA HABRA, CITY OF	ORANGE COUNTY	05/03/74	02/15/80	12/03/09	02/15/80	No		Regular	YES
060292#	LA MESA, CITY OF	SAN DIEGO COUNTY	03/08/74	03/14/78	05/16/12	06/26/76	No		Regular	YES
060131#	LA MIRADA, CITY OF	LOS ANGELES COUNTY	06/28/74	07/02/80	09/26/08	07/02/80	No		Regular	YES
060225#	LA PALMA, CITY OF	ORANGE COUNTY	04/09/76	07/21/78	(NSFHA)	07/21/78	No		Regular	YES
065039#	LA PUENTE, CITY OF	LOS ANGELES COUNTY	10/03/75	09/26/08	(NSFHA)	05/25/78	No		Regular	YES
060709E	LA QUINTA, CITY OF	RIVERSIDE COUNTY		06/19/85	03/06/18	07/01/85	No		Regular	YES
060133#	LA VERNE, CITY OF	LOS ANGELES COUNTY	06/14/74	09/26/08	(NSFHA)	09/07/84	No		Regular	YES
065037C	LAFAYETTE, CITY OF	CONTRA COSTA COUNTY	07/26/74	03/16/81	03/21/17	03/16/81	No		Regular	YES
060223C	LAGUNA BEACH, CITY OF	ORANGE COUNTY	06/21/74	09/28/79	03/21/19	09/28/79	No		Regular	YES
060760#	LAGUNA HILLS, CITY OF	ORANGE COUNTY		02/18/04	12/03/09	10/31/97	No		Regular	YES
	THE CITY OF LAGUNA HILLS HAS ADOPTED THE ORANGE COUNTY (060212) FIRM.									YES
060764C	LAGUNA NIGUEL, CITY OF	ORANGE COUNTY		02/18/04	03/21/19	10/09/97	No		Regular	YES
	THE CITY OF LAGUNA NIGUEL HAD ADOPTED THE ORANGE COUNTY (060212) FIRM.									YES
060768#	LAGUNA WOODS, CITY OF	ORANGE COUNTY		02/18/04	12/03/09	06/25/04	No		Regular	YES
060090#	LAKE COUNTY *	LAKE COUNTY	01/10/75	10/17/78	09/30/05	10/17/78	No	7	Regular	YES
060636E	LAKE ELSINORE, CITY OF	RIVERSIDE COUNTY	06/28/74	09/17/80	04/19/17	09/17/80	No	8	Regular	YES
060759#	LAKE FOREST, CITY OF	ORANGE COUNTY		02/18/04	12/03/09	09/15/94	No		Regular	YES
	USE THE ORANGE COUNTY [060212] FIRM.									YES
065038#	LAKEPORT, CITY OF	LAKE COUNTY	11/19/76	09/01/78	09/30/05	09/01/78	No		Regular	YES
060130#	LAKEWOOD, CITY OF	LOS ANGELES COUNTY	07/19/74	07/06/98	09/26/08(M)	04/15/79	No		Regular	YES
060672#	LANCASTER, CITY OF	LOS ANGELES COUNTY	09/11/79	01/06/82	09/26/08	01/06/82	No		Regular	YES
065040D	LARKSPUR, CITY OF	MARIN COUNTY	06/14/74	03/15/84	03/16/16	03/15/84	No		Regular	YES
060092#	LASSEN COUNTY*	LASSEN COUNTY	02/28/78	09/04/87	09/03/10	09/04/87	No		Regular	YES

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg Emer Date	Tribal	Curr Class	Program	Participating Community
060738#	LATHROP, CITY OF	SAN JOAQUIN COUNTY		12/16/05	10/16/09	01/28/91	No	8	Regular	YES
060134#	LAWNDALE, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	(NSFHA)	10/30/78	No		Regular	YES
060723#	LEMON GROVE, CITY OF	SAN DIEGO COUNTY		03/16/88	05/16/12	11/14/97	No		Regular	YES
060089B	LEMOORE,CITY OF	KINGS COUNTY	02/06/76	04/03/87	09/16/15	04/03/87	No		Regular	YES
060241A	LINCOLN, CITY OF	PLACER COUNTY	05/24/74	02/03/82	11/02/18	02/03/82	No		Regular	YES
060406#	LINDSAY, CITY OF	TULARE COUNTY	03/01/74	09/28/84	06/16/09	09/28/84	No		Regular	YES
060395#	LIVE OAK, CITY OF	SUTTER COUNTY	06/07/74	03/23/84	03/23/84(M)	03/23/84	No	10	Regular	YES
060008#	LIVERMORE, CITY OF	ALAMEDA COUNTY	08/13/76	07/05/77	08/03/09	07/05/77	No	6	Regular	YES
060450#	LIVINGSTON, CITY OF	MERCED COUNTY	10/29/76	08/02/95	12/02/08(M)	05/25/78	No		Regular	YES
060300#	LODI,CITY OF	SAN JOAQUIN COUNTY	04/05/74	03/01/78	10/16/09	03/01/78	No		Regular	YES
065042E	LOMA LINDA, CITY OF	SAN BERNARDINO COUNTY	03/02/73	07/16/87	09/02/16	07/16/87	No		Regular	YES
060135F	LOMITA, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	(NSFHA)	06/03/78	No		Regular	YES
060334#	LOMPOC, CITY OF	SANTA BARBARA COUNTY	01/23/74	12/18/84	12/04/12	12/18/84	No		Regular	YES
060136F	LONG BEACH, CITY OF	LOS ANGELES COUNTY	07/26/74	09/15/83	04/21/21	09/15/83	No	8	Regular	YES
060721A	LOOMIS, TOWN OF	PLACER COUNTY		09/30/87	11/02/18	12/29/86	No		Regular	YES
060226#	LOS ALAMITOS, CITY OF	ORANGE COUNTY	01/16/76	09/15/89	12/03/09(M)	03/16/79	No		Regular	YES
060342#	LOS ALTOS HILLS, TOWN OF	SANTA CLARA COUNTY	05/24/74	01/02/80	05/18/09	01/02/80	No		Regular	YES
060341#	LOS ALTOS, CITY OF	SANTA CLARA COUNTY	06/07/74	07/16/80	05/18/09	07/16/80	No	8	Regular	YES
065043F	LOS ANGELES COUNTY*	LOS ANGELES COUNTY	10/24/78	12/02/80	06/02/21	12/02/80	No	6	Regular	YES
060137F	LOS ANGELES, CITY OF	LOS ANGELES COUNTY	12/13/77	12/02/80	06/02/21	12/02/80	No	7	Regular	YES
060747#	LOS BANOS, CITY OF	MERCED COUNTY		08/02/95	(NSFHA)	02/03/98	No		Regular	YES
	USE THE MERCED COUNTY (060188) FIRM DATED 8-2-95.									YES
060343#	LOS GATOS, TOWN OF	SANTA CLARA COUNTY	02/27/76	01/17/79	02/19/14	01/17/79	No		Regular	YES

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg Emer Date	Tribal	Curr Class	Program	Participating Community
060361#	LOYALTON, CITY OF	SIERRA COUNTY	06/04/76	09/01/88	02/02/12	11/10/93	No		Regular	YES
060635#	LYNWOOD, CITY OF	LOS ANGELES COUNTY	06/28/74	04/15/80	09/26/08	04/15/80	No		Regular	YES
060170#	MADERA COUNTY*	MADERA COUNTY	11/15/77	08/04/87	09/26/08	08/04/87	No		Regular	YES
060172#	MADERA,CITY OF	MADERA COUNTY	07/19/74	06/04/87	09/26/08	06/04/87	No		Regular	YES
060745F	MALIBU, CITY OF	LOS ANGELES COUNTY		09/26/08	04/21/21	10/01/92	No		Regular	YES
	USE THE LOS ANGELES COUNTY [065043] FIRM									YES
060724#	MAMMOTH LAKES, TOWN OF	MONO COUNTY		09/30/87	02/18/11	08/02/94	No		Regular	YES
060138F	MANHATTAN BEACH, CITY OF	LOS ANGELES COUNTY	08/06/76	09/26/08	04/21/21	05/08/78	No		Regular	YES
060706#	MANTECA, CITY OF	SAN JOAQUIN COUNTY		12/16/05	10/16/09	07/16/84	No	10	Regular	YES
060079#	MARICOPA, CITY OF	KERN COUNTY	06/14/74	09/24/84	09/26/08(M)	09/24/84	No		Regular	YES
060173D	MARIN COUNTY*	MARIN COUNTY	02/25/77	03/01/82	08/15/17	03/01/82	No	6	Regular	YES
060727B	MARINA, CITY OF	MONTEREY COUNTY		02/17/88	06/21/17	09/26/88	No		Regular	YES
065044C	MARTINEZ, CITY OF	CONTRA COSTA COUNTY	06/28/74	03/15/78	03/21/17	03/15/78	No		Regular	YES
060428#	MARYSVILLE, CITY OF	YUBA COUNTY	11/02/73	01/19/78	02/18/11	01/19/78	No		Regular	YES
060651#	MAYWOOD, CITY OF	LOS ANGELES COUNTY		09/26/08	(NSFHA)	04/30/82	No		Regular	YES
060080#	MCFARLAND, CITY OF	KERN COUNTY	06/28/74	09/29/86	09/26/08	09/29/86	No		Regular	YES
060183C	MENDOCINO COUNTY *	MENDOCINO COUNTY	01/03/74	06/01/83	09/01/22	06/01/83	No		Regular	YES
060051#	MENDOTA, CITY OF	FRESNO COUNTY	12/19/75	09/27/91	02/18/09	09/01/81	No		Regular	YES
060176E	MENIFEE, CITY OF	RIVERSIDE COUNTY		08/28/08	04/19/17	05/03/12	No		Regular	YES
060321D	MENLO PARK, CITY OF	SAN MATEO COUNTY	06/14/74	02/04/81	04/05/19	02/04/81	No	8	Regular	YES
060188#	MERCED COUNTY *	MERCED COUNTY	08/23/74	01/03/79	12/02/08	01/03/79	No		Regular	YES
060191#	MERCED, CITY OF	MERCED COUNTY	07/19/74	07/16/79	12/02/08	07/16/79	No		Regular	YES
060177D	MILL VALLEY, CITY OF	MARIN COUNTY	06/07/74	01/03/79	08/15/17	01/03/79	No		Regular	YES

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065045D	MILLBRAE, CITY OF	SAN MATEO COUNTY	07/19/74	09/30/81	04/05/19	09/30/81	No		Regular	YES
060344#	MILPITAS, CITY OF	SANTA CLARA COUNTY	03/22/74	07/16/80	02/19/14	07/16/80	No	7	Regular	YES
060735#	MISSION VIEJO, CITY OF	ORANGE COUNTY		09/15/89	12/03/09	09/26/89	No	7	Regular	YES
060387B	MODESTO, CITY OF	STANISLAUS COUNTY	07/19/74	08/15/80	08/24/21	08/15/80	No		Regular	YES
060192B	MODOC COUNTY *	MODOC COUNTY	01/24/75	09/24/84	12/02/15	09/24/84	No		Regular	YES
060194#	MONO COUNTY *	MONO COUNTY	08/16/74	08/19/85	12/18/12	08/19/85	No		Regular	YES
065046#	MONROVIA, CITY OF	LOS ANGELES COUNTY	04/23/76	09/26/08	(NSFHA)	09/07/84	No		Regular	YES
060451#	MONTAGUE,CITY OF	SISKIYOU COUNTY	03/26/76	09/17/80	01/19/11	06/27/83	No		Regular	YES
060276#	MONTCLAIR, CITY OF	SAN BERNARDINO COUNTY	04/08/74	03/18/96	08/28/08	08/23/82	No		Regular	YES
060345#	MONTE SERENO, CITY OF	SANTA CLARA COUNTY	03/07/75	05/18/09	02/19/14	01/03/79	No		Regular	YES
060141#	MONTEBELLO, CITY OF	LOS ANGELES COUNTY	06/28/74	03/18/80	(NSFHA)	03/18/80	No		Regular	YES
060195B	MONTEREY COUNTY *	MONTEREY COUNTY	02/21/78	01/30/84	06/21/17	01/30/84	No	5	Regular	YES
065047#	MONTEREY PARK, CITY OF	LOS ANGELES COUNTY	04/20/72	09/26/08	(NSFHA)	11/30/79	No		Regular	YES
060200B	MONTEREY, CITY OF	MONTEREY COUNTY	10/18/74	07/02/81	06/21/17	07/02/81	No		Regular	YES
060712#	MOORPARK, CITY OF	VENTURA COUNTY		09/29/86	01/20/10	09/29/86	No		Regular	YES
060637#	MORAGA, TOWN OF	CONTRA COSTA COUNTY	11/19/76	05/19/81	06/16/09	05/19/81	No		Regular	YES
065074#	MORENO VALLEY, CITY OF	RIVERSIDE COUNTY		06/18/87	08/18/14	06/18/87	No	8	Regular	YES
060346#	MORGAN HILL, CITY OF	SANTA CLARA COUNTY	05/31/74	06/18/80	05/18/09	06/18/80	No	7	Regular	YES
060307C	MORRO BAY, CITY OF	SAN LUIS OBISPO COUNTY	05/31/74	12/18/79	05/16/17	12/18/79	No	7	Regular	YES
060347#	MOUNTAIN VIEW, CITY OF	SANTA CLARA COUNTY	06/14/74	08/15/80	05/18/09	08/15/80	No	7	Regular	YES
060751#	MURRIETA, CITY OF	RIVERSIDE COUNTY		04/15/80	08/28/08	06/09/93	No	9	Regular	YES
060205C	NAPA COUNTY *	NAPA COUNTY	01/29/71	02/01/80	08/03/16	02/01/80	No	7	Regular	YES
060207C	NAPA, CITY OF	NAPA COUNTY	03/22/74	09/05/79	08/03/16	09/05/79	No	7	Regular	YES

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060293F	NATIONAL CITY, CITY OF	SAN DIEGO COUNTY	03/22/74	02/15/79	12/20/19	02/15/79	No		Regular	YES
060277E	NEEDLES, CITY OF	SAN BERNARDINO COUNTY	06/14/74	07/16/79	09/02/16	07/16/79	No		Regular	YES
060453#	NEVADA CITY, CITY OF	NEVADA COUNTY		02/03/10	02/03/10(M)	02/03/10	No		Regular	YES
060210#	NEVADA COUNTY*	NEVADA COUNTY	09/06/77	01/19/83	02/03/10	01/19/83	No		Regular	YES
060009#	NEWARK, CITY OF	ALAMEDA COUNTY	02/22/74	12/01/78	08/03/09	12/01/78	No		Regular	YES
060388B	NEWMAN, CITY OF	STANISLAUS COUNTY	02/07/75	09/29/78	08/24/21	09/29/78	No	9	Regular	YES
060227C	NEWPORT BEACH, CITY OF	ORANGE COUNTY	03/15/74	09/01/78	03/21/19	09/01/78	No	7	Regular	YES
060256#	NORCO, CITY OF	RIVERSIDE COUNTY	05/17/74	02/15/79	08/28/08	02/15/79	No		Regular	YES
060652#	NORWALK, CITY OF	LOS ANGELES COUNTY		09/26/08	09/26/08(M)	02/19/79	No		Regular	YES
060178D	NOVATO, CITY OF	MARIN COUNTY	06/28/74	01/19/78	03/16/16	01/19/78	No	6	Regular	YES
060389#	OAKDALE, CITY OF	STANISLAUS COUNTY	06/07/74	09/05/79	09/26/08	09/05/79	No		Regular	YES
065048B	OAKLAND, CITY OF	ALAMEDA COUNTY	01/03/75	09/30/82	12/21/18	09/30/82	No		Regular	YES
060766C	OAKLEY, CITY OF	CONTRA COSTA COUNTY	11/01/74	07/16/87	03/21/17	10/30/00	No		Regular	YES
060294F	OCEANSIDE, CITY OF	SAN DIEGO COUNTY	05/10/74	09/05/84	12/20/19	09/05/84	No	8	Regular	YES
060416E	OJAI, CITY OF	VENTURA COUNTY	05/03/74	10/17/78	01/29/21	10/17/78	No		Regular	YES
060278E	ONTARIO, CITY OF	SAN BERNARDINO COUNTY	08/09/74	12/02/80	09/02/16	12/02/80	No		Regular	YES
060212C	ORANGE COUNTY *	ORANGE COUNTY	01/10/75	09/14/79	03/21/19	09/14/79	No	5	Regular	YES
060052#	ORANGE COVE, CITY OF	FRESNO COUNTY	05/10/74	09/30/83	02/18/09	09/30/83	No		Regular	YES
060228#	ORANGE, CITY OF	ORANGE COUNTY	03/28/78	09/30/82	12/03/09	05/01/87	No	9	Regular	YES
060722#	ORINDA, CITY OF	CONTRA COSTA COUNTY		01/06/88	06/16/09	02/10/88	No		Regular	YES
060650#	ORLAND, CITY OF	GLENN COUNTY		08/05/10	08/05/10	09/16/11	No		Regular	YES
060020#	OROVILLE, CITY OF	BUTTE COUNTY	06/07/74	09/24/84	01/06/11	09/24/84	No		Regular	YES
060417E	OXNARD, CITY OF	VENTURA COUNTY	08/09/74	03/01/79	01/29/21	03/01/79	No	7	Regular	YES

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg Emer Date	Tribal	Curr Class	Program	Participating Community
060201B	PACIFIC GROVE, CITY OF	MONTEREY COUNTY	06/14/74	04/02/09	06/21/17	01/12/98	No		Regular	YES
060323D	PACIFICA, CITY OF	SAN MATEO COUNTY	06/28/74	02/04/81	04/05/19	02/04/81	No	7	Regular	YES
060629E	PALM DESERT, CITY OF	RIVERSIDE COUNTY	06/14/77	04/15/80	04/19/17	04/15/80	No		Regular	YES
060257E	PALM SPRINGS, CITY OF	RIVERSIDE COUNTY	06/21/74	03/02/83	04/19/17	03/02/83	No	6	Regular	YES
060144F	PALMDALE,CITY OF	LOS ANGELES COUNTY	10/18/74	01/06/82	06/02/21	01/06/82	No		Regular	YES
060348#	PALO ALTO, CITY OF	SANTA CLARA COUNTY	06/28/74	02/15/80	05/18/09	02/15/80	No	6	Regular	YES
060145F	PALOS VERDES ESTATES, CITY OF	LOS ANGELES COUNTY	09/07/84	11/21/01	04/21/21	09/07/84	No		Regular	YES
060748#	PARADISE, TOWN OF	BUTTE COUNTY		06/08/98	(NSFHA)	06/08/98	No		Regular	YES
065049#	PARAMOUNT, CITY OF	LOS ANGELES COUNTY	03/31/72	07/06/98	(NSFHA)	02/20/79	No		Regular	YES
060454#	PARLIER, CITY OF	FRESNO COUNTY	01/24/75	07/20/84	02/18/09	07/20/84	No		Regular	YES
065050#	PASADENA, CITY OF	LOS ANGELES COUNTY	05/02/72	09/26/08	(NSFHA)	09/07/84	No		Regular	YES
060390B	PATTERSON, CITY OF	STANISLAUS COUNTY	05/03/74	08/01/79	08/24/21	08/01/79	No	8	Regular	YES
060258#	PERRIS, CITY OF	RIVERSIDE COUNTY	09/06/74	04/16/79	08/18/14	04/16/79	No		Regular	YES
060379F	PETALUMA, CITY OF	SONOMA COUNTY	03/08/74	02/15/80	10/02/15	02/15/80	No	6	Regular	YES
060148#	PICO RIVERA, CITY OF	LOS ANGELES COUNTY	06/28/74	07/06/98	(NSFHA)	04/15/79	No		Regular	YES
060011#	PIEDMONT, CITY OF	ALAMEDA COUNTY	06/28/74	08/03/09	(NSFHA)	11/15/79	No		Regular	YES
060032C	PINOLE, CITY OF	CONTRA COSTA COUNTY	05/24/74	08/15/80	03/21/17	08/15/80	No		Regular	YES
060309C	PISMO BEACH, CITY OF	SAN LUIS OBISPO COUNTY	03/26/76	08/01/84	05/16/17	08/01/84	No		Regular	YES
060033C	PITTSBURG,CITY OF	CONTRA COSTA COUNTY	06/21/74	08/15/80	03/21/17	08/15/80	No		Regular	YES
060229#	PLACENTIA, CITY OF	ORANGE COUNTY	06/14/74	02/15/80	12/03/09	02/15/80	No		Regular	YES
060239A	PLACER COUNTY*	PLACER COUNTY	07/12/77	04/18/83	11/02/18	04/18/83	No	5	Regular	YES
060041#	PLACERVILLE, CITY OF	EL DORADO COUNTY	06/07/74	09/30/83	09/26/08	09/30/83	No		Regular	YES
060034C	PLEASANT HILL, CITY OF	CONTRA COSTA COUNTY	05/24/74	09/30/83	03/21/17	09/30/83	No	9	Regular	YES

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060012#	PLEASANTON, CITY OF	ALAMEDA COUNTY	06/28/74	12/16/80	08/03/09	12/16/80	No	7	Regular	YES
060244#	PLUMAS COUNTY *	PLUMAS COUNTY	12/20/74	09/24/84	03/02/05	09/24/84	No		Regular	YES
060455#	PLYMOUTH, CITY OF	AMADOR COUNTY	11/19/76	12/01/90	05/20/10	12/01/90	No		Regular	YES
060185C	POINT ARENA, CITY OF	MENDOCINO COUNTY	10/18/74	08/03/84	07/18/17	08/03/84	No		Regular	YES
060149#	POMONA, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	(NSFHA)	09/07/84	No		Regular	YES
065051E	PORT HUENEME, CITY OF	VENTURA COUNTY	06/28/74	09/24/84	01/29/21(M)	09/24/84	No		Regular	YES
060407#	PORTERVILLE, CITY OF	TULARE COUNTY	04/12/74	07/18/83	06/16/09	07/18/83	No		Regular	YES
065052#	PORTOLA VALLEY, TOWN OF	SAN MATEO COUNTY	06/21/74	10/17/78	10/16/12	10/17/78	No		Regular	YES
060456#	PORTOLA, CITY OF	PLUMAS COUNTY	02/07/75	07/18/85	03/02/05	07/18/85	No		Regular	YES
060702#	POWAY, CITY OF	SAN DIEGO COUNTY	11/30/82	08/19/85	05/16/12	08/19/85	No	8	Regular	YES
060772D	RANCHO CORDOVA, CITY OF	SACRAMENTO COUNTY		08/16/12	07/19/18	09/15/04	No		Regular	YES
	USE SACRAMENTO COUNTY (CID 060262) FIRM PANELS 205E, 210E, 215E and 220E DATED May 22, 2000.									YES
060671E	RANCHO CUCAMONGA, CITY OF	SAN BERNARDINO COUNTY		09/05/84	09/02/16	09/05/84	No		Regular	YES
060259E	RANCHO MIRAGE, CITY OF	RIVERSIDE COUNTY		09/14/79	04/19/17	09/14/79	No		Regular	YES
060464F	RANCHO PALOS VERDES, CITY OF	LOS ANGELES COUNTY	01/28/77	09/26/08	04/21/21	09/07/84	No		Regular	YES
060769#	RANCHO SANTA MARGARITA, CITY OF	ORANGE COUNTY	01/10/75	09/14/79	12/03/09	01/04/02	No		Regular	YES
	USE THE ORANGE COUNTY (060212) FIRM PANELS 06059C0059 AND 06059C0051.									YES
065053#	RED BLUFF, CITY OF	TEHAMA COUNTY	06/07/74	02/04/87	09/29/11	05/17/82	No		Regular	YES
060360#	REDDING, CITY OF	SHASTA COUNTY	12/20/74	07/03/85	03/17/11	07/03/85	No	7	Regular	YES
060279E	REDLANDS, CITY OF	SAN BERNARDINO COUNTY	11/21/75	01/03/79	09/02/16	01/03/79	No	8	Regular	YES
060150F	REDONDO BEACH, CITY OF	LOS ANGELES COUNTY	06/28/74	09/15/83	04/21/21	09/15/83	No		Regular	YES
060325D	REDWOOD CITY, CITY OF	SAN MATEO COUNTY	06/28/74	05/17/82	04/05/19	05/17/82	No		Regular	YES
060053#	REEDLEY, CITY OF	FRESNO COUNTY	03/01/74	09/30/82	02/18/09	09/30/82	No		Regular	YES

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg Emer Date	Tribal	Curr Class	Program	Participating Community
060280E	RIALTO, CITY OF	SAN BERNARDINO COUNTY	06/07/74	03/18/96	09/02/16	02/12/79	No		Regular	YES
060035C	RICHMOND, CITY OF	CONTRA COSTA COUNTY	06/28/74	03/01/79	(NSFHA)	03/01/79	No	10	Regular	YES
060081#	RIDGECREST, CITY OF	KERN COUNTY	09/06/74	01/06/82	09/26/08	01/06/82	No		Regular	YES
060064B	RIO DELL, CITY OF	HUMBOLDT COUNTY	05/24/74	05/03/82	11/04/16	05/03/82	No		Regular	YES
060371#	RIO VISTA,CITY OF	SOLANO COUNTY	05/17/74	05/19/81	05/04/09	05/19/81	No		Regular	YES
060457#	RIPON, CITY OF	SAN JOAQUIN COUNTY	01/03/75	09/24/84	10/16/09	09/24/84	No		Regular	YES
060391#	RIVERBANK, CITY OF	STANISLAUS COUNTY	05/10/74	09/30/04	09/26/08	02/03/97	No		Regular	YES
060245E	RIVERSIDE COUNTY *	RIVERSIDE COUNTY		04/15/80	03/22/22	04/15/80	No	6	Regular	YES
060260#	RIVERSIDE, CITY OF	RIVERSIDE COUNTY	07/19/74	01/06/83	08/28/08	01/06/83	No		Regular	YES
060242A	ROCKLIN, CITY OF	PLACER COUNTY	07/19/74	05/15/84	11/02/18	05/15/84	No		Regular	YES
060380F	ROHNERT PARK, CITY OF	SONOMA COUNTY	11/29/74	06/01/81	07/19/22	06/01/81	No		Regular	YES
065054F	ROLLING HILLS ESTATES, CITY OF	LOS ANGELES COUNTY	07/13/73	09/26/08	(NSFHA)	11/30/79	No		Regular	YES
060151F	ROLLING HILLS, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	(NSFHA)	05/26/78	No		Regular	YES
060153#	ROSEMEAD, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	(NSFHA)	04/15/79	No		Regular	YES
060243A	ROSEVILLE, CITY OF	PLACER COUNTY	08/02/74	12/15/83	11/02/18	12/15/83	No	1	Regular	YES
060179D	ROSS, TOWN OF	MARIN COUNTY	03/29/74	02/04/81	03/16/16	02/04/81	No	8	Regular	YES
060262D	SACRAMENTO COUNTY *	SACRAMENTO COUNTY	01/10/75	03/15/79	07/19/18	03/15/79	No	2	Regular	YES
060266D	SACRAMENTO, CITY OF	SACRAMENTO COUNTY	01/10/75	09/15/78	06/16/15	09/15/78	No	3	Regular	YES
060202#	SALINAS, CITY OF	MONTEREY COUNTY	03/15/74	11/04/81	04/02/09	11/04/81	No	7	Regular	YES
060180D	SAN ANSELMO, TOWN OF	MARIN COUNTY	03/01/74	12/01/77	03/16/16	12/01/77	No	8	Regular	YES
060267#	SAN BENITO COUNTY*	SAN BENITO COUNTY	08/02/77	09/27/91	04/16/09	09/27/91	No		Regular	YES
060270E	SAN BERNARDINO COUNTY *	SAN BERNARDINO COUNTY		09/29/78	09/02/16	09/29/78	No		Regular	YES
060281E	SAN BERNARDINO, CITY OF	SAN BERNARDINO COUNTY	06/28/74	07/16/79	09/02/16	07/16/79	No		Regular	YES

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060326D	SAN BRUNO, CITY OF	SAN MATEO COUNTY	06/07/74	10/16/12	04/05/19	03/30/81	No		Regular	YES
060419E	SAN BUENAVENTURA, CITY OF	VENTURA COUNTY	05/31/74	09/29/86	01/29/21	09/29/86	No		Regular	YES
060327D	SAN CARLOS, CITY OF	SAN MATEO COUNTY	06/28/74	09/01/77	04/05/19	09/15/77	No	9	Regular	YES
060230C	SAN CLEMENTE, CITY OF	ORANGE COUNTY	06/14/74	12/04/79	03/21/19	12/04/79	No		Regular	YES
060284F	SAN DIEGO COUNTY *	SAN DIEGO COUNTY	07/19/77	06/15/84	03/22/22	06/15/84	No	7	Regular	YES
060295F	SAN DIEGO, CITY OF	SAN DIEGO COUNTY	02/28/78	08/15/83	12/20/19	08/15/83	No		Regular	YES
060154#	SAN DIMAS, CITY OF	LOS ANGELES COUNTY	06/21/74	04/01/77	09/26/08	04/01/77	No		Regular	YES
060628#	SAN FERNANDO, CITY OF	LOS ANGELES COUNTY		02/11/76	(NSFHA)	02/11/76	No		Regular	YES
060298A	SAN FRANCISCO, CITY AND COUNTY OF	SAN FRANCISCO COUNTY	07/26/74	07/05/84	03/23/21	04/01/10	No		Regular	YES
	Use San Mateo County FIRM panels 0019 B, 0107 B, AND 0126 B dated 07/05/1984. For unmapped areas use Zone X.									YES
065055#	SAN GABRIEL, CITY OF	LOS ANGELES COUNTY		09/26/08	(NSFHA)	11/23/73	No		Regular	YES
065056E	SAN JACINTO, CITY OF	RIVERSIDE COUNTY		09/28/73	04/19/17	09/28/73	No		Regular	YES
060299B	SAN JOAQUIN COUNTY*	SAN JOAQUIN COUNTY		05/15/80	10/20/16	05/15/80	No	7	Regular	YES
060055#	SAN JOAQUIN, CITY OF	FRESNO COUNTY	05/10/74	07/19/01	(NSFHA)	04/30/82	No		Regular	YES
060349#	SAN JOSE, CITY OF	SANTA CLARA COUNTY	01/24/75	08/02/82	02/19/14	08/02/82	No	7	Regular	YES
060269#	SAN JUAN BAUTISTA, CITY OF	SAN BENITO COUNTY	02/08/74	09/24/84	04/16/09	09/24/84	No		Regular	YES
060231C	SAN JUAN CAPISTRANO, CITY OF	ORANGE COUNTY	05/10/74	09/14/79	03/21/19	09/14/79	No	8	Regular	YES
060013B	SAN LEANDRO, CITY OF	ALAMEDA COUNTY	06/07/74	03/18/80	12/21/18	03/18/80	No	8	Regular	YES
060304C	SAN LUIS OBISPO COUNTY *	SAN LUIS OBISPO COUNTY	01/03/75	07/05/82	05/16/17	07/05/82	No		Regular	YES
060310C	SAN LUIS OBISPO, CITY OF	SAN LUIS OBISPO COUNTY	10/26/73	04/16/79	05/16/17	04/16/79	No	7	Regular	YES
060296#	SAN MARCOS, CITY OF	SAN DIEGO COUNTY	05/24/74	08/01/78	05/16/12	08/01/78	No		Regular	YES
065057#	SAN MARINO, CITY OF	LOS ANGELES COUNTY	03/18/72	09/26/08	(NSFHA)	04/30/79	No		Regular	YES
060311D	SAN MATEO COUNTY *	SAN MATEO COUNTY	11/01/74	07/05/84	04/05/19	07/05/84	No	8	Regular	YES

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060328D	SAN MATEO, CITY OF	SAN MATEO COUNTY	10/17/75	10/19/01	04/05/19	03/30/81	No		Regular	YES
060036C	SAN PABLO, CITY OF	CONTRA COSTA COUNTY	03/15/74	08/01/77	03/21/17	08/01/77	No	8	Regular	YES
065058D	SAN RAFAEL, CITY OF	MARIN COUNTY	07/31/71	05/01/84	03/16/16	05/01/84	No		Regular	YES
060710#	SAN RAMON, CITY OF	CONTRA COSTA COUNTY		09/27/85	06/16/09	09/27/85	No	6	Regular	YES
060435B	SAND CITY, CITY OF	MONTEREY COUNTY	12/03/76	06/03/86	06/21/17	06/03/86	No		Regular	YES
060054#	SANGER, CITY OF	FRESNO COUNTY	06/28/74	12/01/82	02/18/09	12/01/82	No		Regular	YES
060232#	SANTA ANA, CITY OF	ORANGE COUNTY	06/21/74	09/14/79	12/03/09	09/14/79	No		Regular	YES
060331D	SANTA BARBARA COUNTY *	SANTA BARBARA COUNTY	12/20/74	03/15/79	09/28/18	03/15/79	No	6	Regular	YES
060335D	SANTA BARBARA, CITY OF	SANTA BARBARA COUNTY	06/14/74	12/15/78	09/28/18	12/15/78	No		Regular	YES
060337#	SANTA CLARA COUNTY*	SANTA CLARA COUNTY	06/20/78	08/02/82	02/19/14	08/02/82	No	10	Regular	YES
060350#	SANTA CLARA, CITY OF	SANTA CLARA COUNTY	04/12/74	07/16/80	02/19/14	07/16/80	No	7	Regular	YES
060729F	SANTA CLARITA, CITY OF	LOS ANGELES COUNTY	10/24/78	12/02/80	06/02/21	03/23/89	No	7	Regular	YES
060353F	SANTA CRUZ COUNTY *	SANTA CRUZ COUNTY	08/16/74	04/15/86	09/29/17	04/15/86	No	8	Regular	YES
060355F	SANTA CRUZ, CITY OF	SANTA CRUZ COUNTY	03/08/74	02/15/85	09/29/17	02/15/85	No	7	Regular	YES
060158#	SANTA FE SPRINGS, CITY OF	LOS ANGELES COUNTY	06/28/74	04/15/80	09/26/08	04/15/80	No		Regular	YES
060336#	SANTA MARIA, CITY OF	SANTA BARBARA COUNTY	05/15/74	06/01/81	12/04/12	06/01/81	No		Regular	YES
060159F	SANTA MONICA, CITY OF	LOS ANGELES COUNTY	07/26/74	09/26/08	04/21/21	04/30/82	No		Regular	YES
060420#	SANTA PAULA, CITY OF	VENTURA COUNTY	05/24/74	04/15/80	01/20/10	04/15/80	No		Regular	YES
060381F	SANTA ROSA, CITY OF	SONOMA COUNTY	07/26/74	08/03/81	07/19/22	08/03/81	No		Regular	YES
060703#	SANTEE, CITY OF	SAN DIEGO COUNTY	09/07/82	09/28/84	05/16/12	09/28/84	No		Regular	YES
060351#	SARATOGA, CITY OF	SANTA CLARA COUNTY	03/22/74	01/17/79	02/19/14	01/17/79	No		Regular	YES
060182D	SAUSALITO, CITY OF	MARIN COUNTY	05/17/74	09/30/80	08/15/17	09/30/80	No	9	Regular	YES
060356#	SCOTTS VALLEY, CITY OF	SANTA CRUZ COUNTY	05/31/74	10/18/83	05/16/12	10/18/83	No		Regular	YES

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060233C	SEAL BEACH, CITY OF	ORANGE COUNTY	06/21/74	07/03/78	03/21/19	07/03/78	No		Regular	YES
060203B	SEASIDE, CITY OF	MONTEREY COUNTY	06/07/74	07/02/81	06/21/17	07/02/81	No		Regular	YES
060382#	SEBASTOPOL, CITY OF	SONOMA COUNTY	03/08/74	06/18/80	10/16/12	06/18/80	No		Regular	YES
060082B	SHAFTER, CITY OF	KERN COUNTY	02/06/76	09/29/89	10/21/21	09/29/89	No		Regular	YES
060358B	SHASTA COUNTY *	SHASTA COUNTY	12/13/77	09/27/85	12/16/21	09/27/85	No		Regular	YES
	Reinstated per request from Region 9 received on Feb 10, 2022 from Ramona Sudbeck.									YES
060758#	SHASTA LAKE, CITY OF	SHASTA COUNTY	12/13/77	09/27/85	03/17/11	10/22/97	No		Regular	YES
060630B	SIERRA COUNTY *	SIERRA COUNTY		09/01/88	04/19/19	11/12/93	No		Regular	YES
065059#	SIERRA MADRE, CITY OF	LOS ANGELES COUNTY	05/25/73	09/26/08	(NSFHA)	09/07/84	No		Regular	YES
060161F	SIGNAL HILL, CITY OF	LOS ANGELES COUNTY	06/28/74	09/26/08	04/21/21	03/30/79	No		Regular	YES
060421#	SIMI VALLEY, CITY OF	VENTURA COUNTY	05/17/74	09/27/91	01/20/10	09/27/91	No	5	Regular	YES
060362#	SISKIYOU COUNTY*	SISKIYOU COUNTY	11/15/77	05/17/82	01/19/11	05/17/82	No		Regular	YES
060725F	SOLANA BEACH,CITY OF	SAN DIEGO COUNTY		06/03/88	12/20/19	09/19/89	No		Regular	YES
060631D	SOLANO COUNTY *	SOLANO COUNTY	02/14/78	08/02/82	08/03/16	08/02/82	No	7	Regular	YES
060204#	SOLEDAD, CITY OF	MONTEREY COUNTY	05/14/74	07/18/83	04/02/09	11/30/78	No		Regular	YES
060756#	SOLVANG, CITY OF	SANTA BARBARA COUNTY	12/20/74	03/15/74	12/04/12	10/09/97	No		Regular	YES
	USE THE SANTA BARBARA COUNTY (060331) FIRM PANELS 0558 AND 0559.									YES
060375F	SONOMA COUNTY *	SONOMA COUNTY	06/19/70	01/20/82	07/19/22	01/20/82	No	10	Regular	YES
060383#	SONOMA, CITY OF	SONOMA COUNTY	02/22/74	01/17/79	12/02/08	01/17/79	No		Regular	YES
060412#	SONORA, CITY OF	TUOLUMNE COUNTY	10/10/75	04/16/09	04/16/09(M)	05/25/78	No		Regular	YES
060162#	SOUTH EL MONTE, CITY OF	LOS ANGELES COUNTY	06/21/74	09/26/08	(NSFHA)	11/14/75	No		Regular	YES
060163#	SOUTH GATE, CITY OF	LOS ANGELES COUNTY	06/28/74	07/06/98	09/26/08(M)	04/15/79	No		Regular	YES
065060#	SOUTH LAKE TAHOE, CITY OF	EL DORADO COUNTY	07/19/74	07/03/78	04/03/12	07/03/78	No		Regular	YES

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065061#	SOUTH PASADENA, CITY OF	LOS ANGELES COUNTY	04/18/74	09/26/08	(NSFHA)	11/14/75	No		Regular	YES
065062D	SOUTH SAN FRANCISCO, CITY OF	SAN MATEO COUNTY	06/27/70	09/02/81	04/05/19	09/02/81	No		Regular	YES
060208#	ST. HELENA, CITY OF	NAPA COUNTY	05/31/74	05/01/80	09/26/08	05/01/80	No		Regular	YES
060384B	STANISLAUS COUNTY *	STANISLAUS COUNTY		08/01/80	08/24/21	08/01/80	No		Regular	YES
060234#	STANTON, CITY OF	ORANGE COUNTY	07/16/76	09/15/89	12/03/09(M)	03/16/79	No		Regular	YES
060302#	STOCKTON, CITY OF	SAN JOAQUIN COUNTY	02/22/74	01/03/79	10/16/09	01/03/79	No	8	Regular	YES
060372D	SUISUN CITY, CITY OF	SOLANO COUNTY	03/22/74	06/01/82	08/03/16	06/01/82	No		Regular	YES
060352#	SUNNYVALE, CITY OF	SANTA CLARA COUNTY	05/31/74	05/15/78	05/18/09	05/15/78	No	7	Regular	YES
060093#	SUSANVILLE, CITY OF	LASSEN COUNTY	02/01/74	06/19/85	09/03/10	06/19/85	No		Regular	YES
060394B	SUTTER COUNTY*	SUTTER COUNTY	06/07/77	04/05/88	06/16/15	04/05/88	No	6	Regular	YES
060458#	SUTTER CREEK, CITY OF	AMADOR COUNTY	01/10/75	09/24/84	05/20/10	09/24/84	No		Regular	YES
065063#	TAFT, CITY OF	KERN COUNTY	06/28/74	09/30/92	09/26/08	08/23/82	No		Regular	YES
060084#	TEHACHAPI, CITY OF	KERN COUNTY	07/30/76	06/15/82	09/26/08	06/15/82	No		Regular	YES
065064#	TEHAMA COUNTY*	TEHAMA COUNTY	03/07/78	06/01/82	09/29/11	06/01/82	No		Regular	YES
060400#	TEHAMA, CITY OF	TEHAMA COUNTY	12/24/74	09/17/80	09/29/11	09/17/80	No	5	Regular	YES
060742#	TEMECULA, CITY OF	RIVERSIDE COUNTY		09/02/93	08/28/08	08/28/91	No		Regular	YES
060422E	THOUSAND OAKS, CITY OF	VENTURA COUNTY	06/07/74	09/29/78	04/04/18	09/29/78	No		Regular	YES
060430D	TIBURON, TOWN OF	MARIN COUNTY	06/07/74	05/16/77	03/16/16	05/16/77	No		Regular	YES
060165F	TORRANCE, CITY OF	LOS ANGELES COUNTY	08/02/74	12/18/79	04/21/21	12/18/79	No		Regular	YES
060303#	TRACY, CITY OF	SAN JOAQUIN COUNTY	06/28/74	06/18/87	10/16/09	12/22/80	No		Regular	YES
060401C	TRINITY COUNTY *	TRINITY COUNTY	12/13/77	08/16/88	07/20/16	08/16/88	No	9	Regular	YES
060762#	TRUCKEE, TOWN OF	NEVADA COUNTY	09/06/77	01/19/83	02/03/10	05/17/95	No		Regular	YES
	USE THE NEVADA COUNTY [060210] FIRM.									YES

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065066#	TULARE COUNTY*	TULARE COUNTY	02/14/75	09/29/86	12/18/12	09/29/86	No		Regular	YES
065065#	TULARE, CITY OF	TULARE COUNTY	06/04/76	07/05/83	06/16/09	07/05/83	No		Regular	YES
060411#	TUOLUMNE COUNTY*	TUOLUMNE COUNTY	04/18/78	09/05/90	04/16/09	09/05/90	No		Regular	YES
060392B	TURLOCK, CITY OF	STANISLAUS COUNTY	05/24/74	09/26/08	(NSFHA)	05/14/81	No		Regular	YES
060235#	TUSTIN, CITY OF	ORANGE COUNTY	06/21/76	09/14/79	12/03/09	09/14/79	No		Regular	YES
060734E	TWENTYNINE PALMS, CITY OF	SAN BERNARDINO COUNTY		09/29/78	09/02/16	07/27/89	No		Regular	YES
060186#	UKIAH, CITY OF	MENDOCINO COUNTY	08/09/74	07/19/82	06/02/11	07/19/82	No		Regular	YES
060014#	UNION CITY, CITY OF	ALAMEDA COUNTY	07/11/75	12/01/78	08/03/09	12/01/78	No		Regular	YES
065067E	UPLAND, CITY OF	SAN BERNARDINO COUNTY	06/28/74	03/18/96	09/02/16	12/23/81	No		Regular	YES
060373#	VACAVILLE, CITY OF	SOLANO COUNTY	05/17/74	08/02/82	08/02/12	08/02/82	No	8	Regular	YES
060374D	VALLEJO, CITY OF	SOLANO COUNTY	07/19/74	10/17/78	08/03/16	10/17/78	No		Regular	YES
060413E	VENTURA COUNTY *	VENTURA COUNTY	01/31/75	10/31/85	01/29/21	10/31/85	No	5	Regular	YES
065068E	VICTORVILLE, CITY OF	SAN BERNARDINO COUNTY		09/21/73	09/02/16	09/21/73	No		Regular	YES
060236#	VILLA PARK, CITY OF	ORANGE COUNTY	03/22/74	12/04/79	12/03/09	12/04/79	No		Regular	YES
060409#	VISALIA, CITY OF	TULARE COUNTY	08/23/74	07/05/84	06/16/09	07/05/84	No	7	Regular	YES
060297#	VISTA, CITY OF	SAN DIEGO COUNTY	06/14/74	08/15/83	05/16/12	08/15/83	No		Regular	YES
065070C	WALNUT CREEK, CITY OF	CONTRA COSTA COUNTY	11/08/74	05/01/85	03/21/17	05/01/85	No	8	Regular	YES
065069#	WALNUT, CITY OF	LOS ANGELES COUNTY	07/16/76	09/26/08	(NSFHA)	09/07/84	No		Regular	YES
060085#	WASCO, CITY OF	KERN COUNTY	05/17/74	07/04/89	09/26/08	07/04/89	No		Regular	YES
060393#	WATERFORD, CITY OF	STANISLAUS COUNTY	05/24/74	07/16/79	09/26/08	07/16/79	No		Regular	YES
060357#	WATSONVILLE, CITY OF	SANTA CRUZ COUNTY	03/22/74	06/15/84	05/16/12	06/15/84	No	7	Regular	YES
060649#	WEED, CITY OF	SISKIYOU COUNTY	01/20/81	01/20/82	01/19/11	01/20/82	No		Regular	YES
060666#	WEST COVINA, CITY OF	LOS ANGELES COUNTY	06/28/74	12/02/04	09/26/08(M)	09/07/84	No		Regular	YES

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060720#	WEST HOLLYWOOD, CITY OF	LOS ANGELES COUNTY		06/18/87	09/26/08	06/18/87	No		Regular	YES
060728#	WEST SACRAMENTO, CITY OF	YOLO COUNTY		03/05/90	01/19/95	03/13/90	No	8	Regular	YES
060744F	WESTLAKE VILLAGE, CITY OF	LOS ANGELES COUNTY		09/26/08	04/04/18	10/01/92	No		Regular	YES
	USE THE LOS ANGELES COUNTY [065043] FIRM									YES
060237C	WESTMINSTER, CITY OF	ORANGE COUNTY	06/14/74	08/08/78	03/21/19(M)	08/08/78	No		Regular	YES
060072#	WESTMORLAND, CITY OF	IMPERIAL COUNTY	05/24/74	09/26/08	(NSFHA)	06/30/76	No		Regular	YES
060460#	WHEATLAND, CITY OF	YUBA COUNTY	05/02/75	09/29/86	02/18/11	09/29/86	No		Regular	YES
060169#	WHITTIER, CITY OF	LOS ANGELES COUNTY	06/28/74	01/16/81	09/26/08	01/16/81	No		Regular	YES
060221#	WILDOMAR, CITY OF	RIVERSIDE COUNTY		08/28/08	08/28/08	01/20/11	No		Regular	YES
	The City of Wildomar adopted the Riverside County FIRM panel 06065C2682 G dated 08/28/2008.									YES
060024#	WILLIAMS, CITY OF	COLUSA COUNTY	03/29/74	04/22/80	05/15/03	04/22/80	No		Regular	YES
060187C	WILLITS,CITY OF	MENDOCINO COUNTY	02/08/74	07/19/82	09/01/22	07/19/82	No		Regular	YES
060059#	WILLOWS, CITY OF	GLENN COUNTY	07/26/74	06/04/80	08/05/10	06/04/80	No		Regular	YES
060761#	WINDSOR, TOWN OF	SONOMA COUNTY		12/02/08	12/02/08	05/11/95	No		Regular	YES
	USE THE SONOMA COUNTY [060375] FIRM									YES
060425#	WINTERS, CITY OF	YOLO COUNTY	01/23/74	12/01/78	06/18/10	12/01/78	No		Regular	YES
065071#	WOODLAKE, CITY OF	TULARE COUNTY	11/10/72	06/01/83	06/16/09	06/01/83	No		Regular	YES
060426#	WOODLAND, CITY OF	YOLO COUNTY	02/01/74	10/16/79	05/16/12	10/16/79	No		Regular	YES
060330#	WOODSIDE, TOWN OF	SAN MATEO COUNTY	06/14/74	11/15/79	10/16/12	11/15/79	No		Regular	YES
060423#	YOLO COUNTY*	YOLO COUNTY	10/18/77	12/16/80	05/16/12	12/16/80	No	8	Regular	YES
060238#	YORBA LINDA, CITY OF	ORANGE COUNTY	08/09/74	08/01/78	12/03/09	08/01/78	No	10	Regular	YES
060209#	YOUNTVILLE, TOWN OF	NAPA COUNTY	03/01/74	03/28/80	09/26/08	03/28/80	No		Regular	YES
060367#	YREKA, CITY OF	SISKIYOU COUNTY	03/22/74	11/18/81	01/19/11	11/18/81	No		Regular	YES
060396#	YUBA CITY, CITY OF	SUTTER COUNTY	06/14/74	03/23/84	03/23/84(M)	03/23/84	No	6	Regular	YES

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg Emer Date	Tribal	Curr Class	Program	Participating Community
060427#	YUBA COUNTY *	YUBA COUNTY	09/06/74	05/17/82	02/18/11	05/17/82	No	7	Regular	YES
060739#	YUCAIPA, CITY OF	SAN BERNARDINO COUNTY		03/18/96	08/28/08	01/28/91	No	10	Regular	YES
060750E	YUCCA VALLEY, TOWN OF	SAN BERNARDINO COUNTY		01/17/97	09/02/16	03/31/93	No		Regular	YES
060249H	COACHELLA, CITY OF	RIVERSIDE COUNTY	05/17/74	09/30/80	03/06/18	03/07/18 (S)	No		Regular	NO
060447#	GUSTINE, CITY OF	MERCED COUNTY		12/02/08	12/02/08	12/02/09	No			NO
060634#	MARIPOSA COUNTY *	MARIPOSA COUNTY	11/29/77	09/05/90	09/25/09	11/29/78	No			NO
060056#	SELMA, CITY OF	FRESNO COUNTY	05/24/74	07/19/01	02/18/09	05/24/75	No			NO
060436B	TRINIDAD, CITY OF	HUMBOLDT COUNTY	05/14/76	11/04/16	06/21/17	05/14/77	No			NO

P.2 COMMUNITY RATING SYSTEM

The National Flood Insurance Program's (NFIP) Community Rating System (CRS) is a voluntary incentive program that recognizes and encourages community and state floodplain management activities that exceed the minimum NFIP requirements. The objective of the CRS program is to support the goals of the NFIP, which include:

- Providing affordable flood insurance to property owners;
- Reducing the cost of federal disaster assistance to taxpayers; and
- Encouraging communities and individuals to take actions that result in flood loss reduction (California Department of Water Resources 2022).

Under the CRS program, flood insurance discounts range from 5% to 45% depending on the credit points earned. The result is discounted flood insurance premiums that reflect the reduced flood risk resulting from the community and state's increased actions. The CRS program has three main goals:

- Reduce and avoid flood damage to insurable property;
- Strengthen and support the insurance aspects of the NFIP; and
- Foster comprehensive floodplain management (California Department of Water Resources 2022).

Currently, California has 96 communities participating in CRS (Class 9 or lower):

- 12 communities with Class 9 rating
- 75 communities with Class 6 to 8 ratings
- 9 communities with Class 1 to 5 ratings

This accounts for 66% of the NFIP policy base statewide, representing a majority of flood problem areas in the state. The CRS benefits more than 123,000 policyholders and saves property owners and businesses over $11.5 million each year (CRSVIZ 2022).

Table P-2. CRS Eligible Communities in California

Community Number	Community Name	CRS Entry Date	Current Effective Date	Current Class	% Discount for SFHA	% Discount for Non SFHA	Status*
060001	Alameda County	10/1/1992	10/1/1999	7	15	5	C
060002	Alameda, City of	10/1/2019	10/1/2019	8	10	5	NA
060213	Anaheim, City of	10/1/1991	5/1/2007	8	10	5	C
065019	Burlingame, City of	5/1/2012	5/1/2012	9	5	5	C
060714	Clearlake, City of	5/1/2003	10/1/2008	10	0	0	R
065022	Concord, City of	10/1/2008	5/1/2020	6	20	10	C
060025	Contra Costa County	10/1/1991	5/1/2018	5	25	10	C

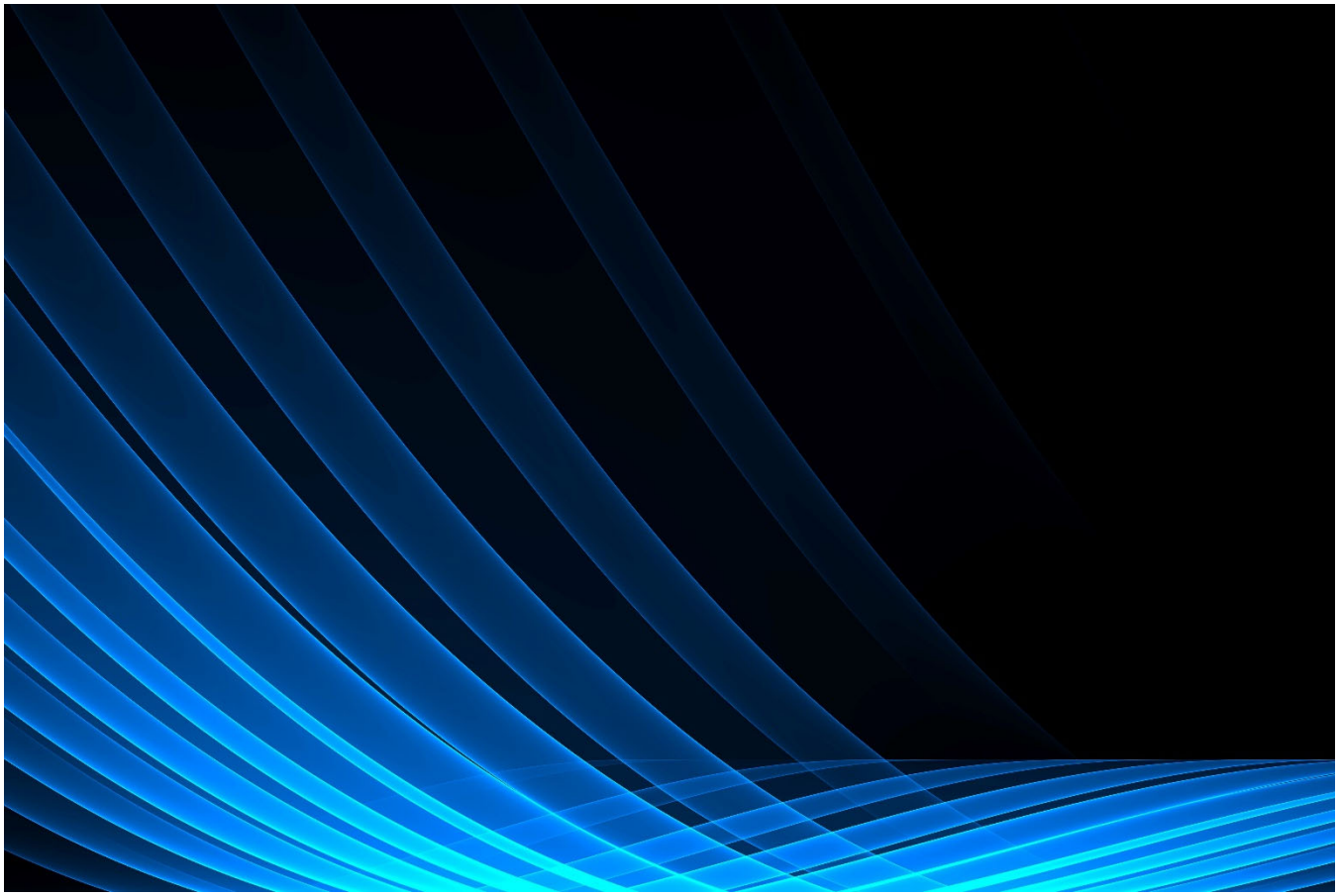
Community Number	Community Name	CRS Entry Date	Current Effective Date	Current Class	% Discount for SFHA	% Discount for Non SFHA	Status*
065023	Corte Madera, Town of	10/1/2003	4/1/2022	6	20	10	C
060339	Cupertino, City of	10/1/2005	5/1/2015	7	15	5	C
060708	East Palo Alto, City of	10/1/2011	4/1/2022	8	10	5	C
060175	Fairfax, Town of	10/1/2017	10/1/2017	9	5	5	C
060370	Fairfield, City of	10/1/1992	5/1/2009	7	15	5	C
060218	Fountain Valley, City of	10/1/1996	5/1/2015	9	5	5	C
065028	Fremont, City of	5/1/2001	5/1/2001	7	15	5	C
060048	Fresno, City of	10/1/1992	10/1/2007	8	10	5	C
065029	Fresno County	10/1/1991	5/1/2016	7	15	5	C
060340	Gilroy, City of	5/1/2007	5/1/2007	8	10	5	C
065034	Huntington Beach, City of	10/1/1995	10/1/2020	7	15	5	C
060222	Irvine, City of	10/1/1991	10/1/2012	9	5	5	C
060075	Kern County	10/1/1991	5/1/2020	9	5	5	C
060090	Lake County	10/1/1995	4/1/2021	7	15	5	M
060636	Lake Elsinore, City of	10/1/2009	5/1/2014	8	10	5	C
060738	Lathrop, City of	10/1/2008	10/1/2008	8	10	5	C
060395	Live Oak, City of	10/1/2011	5/1/2015	10	0	0	R
060008	Livermore, City of	5/1/2015	10/1/2020	6	20	10	C
060136	Long Beach, City of	10/1/1993	10/1/2012	8	10	5	C
060341	Los Altos, City of	10/1/1991	10/1/1996	8	10	5	C
060137	Los Angeles, City of	10/1/1991	10/1/2005	7	15	5	C
065043	Los Angeles County	10/1/1991	4/1/2022	6	20	10	M
060706	Manteca, City of	5/1/2009	5/1/2019	10	0	0	R
060173	Marin County	5/1/2016	5/1/2018	6	20	10	C
060321	Menlo Park, City of	10/1/2020	10/1/2020	8	10	5	C
060344	Milpitas, City of	10/1/1991	5/1/2013	7	15	5	C
060735	Mission Viejo, City of	10/1/2005	5/1/2015	7	15	5	C
060195	Monterey County	10/1/1991	10/1/2020	5	25	10	C
065074	Moreno Valley, City of	10/1/1991	10/1/1996	8	10	5	C
060346	Morgan Hill, City of	5/1/2003	5/1/2003	7	15	5	C
060307	Morro Bay, City of	10/1/2013	5/1/2018	7	15	5	C
060347	Mountain View, City of	5/1/2002	5/1/2019	7	15	5	C
060751	Murrieta, City of	10/1/1997	10/1/1997	9	5	5	C
060205	Napa County	5/1/2018	5/1/2018	7	15	5	C
060207	Napa, City of	5/1/2001	5/1/2017	7	15	5	C
060388	Newman, City of	5/1/2015	5/1/2015	9	5	5	C
060227	Newport Beach, City of	10/1/1993	5/1/2020	7	15	5	C
060178	Novato, City of	10/1/1995	5/1/2010	6	20	10	C
060294	Oceanside, City of	10/1/1991	10/1/1996	8	10	5	C
060228	Orange, City of	10/1/1992	10/1/1992	9	5	5	C
060212	Orange County	10/1/1991	5/1/2017	5	25	10	C
060417	Oxnard, City of	5/1/2013	5/1/2018	7	15	5	C
060323	Pacifica, City of	5/1/2013	5/1/2013	7	15	5	C
060257	Palm Springs, City of	10/1/1992	5/1/2011	6	20	10	C
060348	Palo Alto, City of	10/1/1991	5/1/2017	6	20	10	C
060390	Patterson, City of	5/1/2015	10/1/2021	8	10	5	C
060379	Petaluma, City of	10/1/1991	10/1/1996	6	20	10	C
060239	Placer County	10/1/1991	5/1/2009	5	25	10	C
060034	Pleasant Hill, City of	5/1/2003	10/1/2018	9	5	5	C
060012	Pleasanton, City of	10/1/1992	10/1/2017	7	15	5	C
060702	Poway, City of	5/1/2008	5/1/2008	8	10	5	C

Community Number	Community Name	CRS Entry Date	Current Effective Date	Current Class	% Discount for SFHA	% Discount for Non SFHA	Status*
060360	Redding, City of	10/1/1996	5/1/2008	6	20	10	C
060279	Redlands, City of	10/1/2007	10/1/2015	8	10	5	C
060035	Richmond, City of	10/1/1995	5/1/2015	10	0	0	R
060245	Riverside County	10/1/2010	4/1/2022	6	20	10	C
060243	Roseville, City of	10/1/1992	10/1/2006	1	45	10	C
060179	Ross, Town of	5/1/2015	5/1/2015	8	10	5	C
060266	Sacramento, City of	10/1/1991	10/1/2021	3	35	10	C
060262	Sacramento County	10/1/1992	5/1/2017	2	40	10	C
060202	Salinas, City of	10/1/1991	10/1/2013	7	15	5	C
060180	San Anselmo, Town of	5/1/2016	5/1/2016	9	5	5	C
060327	San Carlos, City of	5/1/2013	5/1/2013	9	5	5	C
060284	San Diego County	10/1/1994	5/1/2020	7	15	5	C
060299	San Joaquin County	10/1/1993	10/1/2018	7	15	5	C
060349	San Jose, City of	10/1/1991	10/1/2001	7	15	5	C
060231	San Juan Capistrano, City of	10/1/1991	5/1/2017	8	10	5	C
060013	San Leandro, City of	10/1/2006	10/1/2006	8	10	5	C
060310	San Luis Obispo, City of	10/1/1991	5/1/2017	6	20	10	C
060311	San Mateo County	10/1/2010	10/1/2010	9	5	5	C
060036	San Pablo, City of	10/1/2013	10/1/2013	8	10	5	C
060710	San Ramon, City of	10/1/1991	5/1/2011	6	20	10	C
060331	Santa Barbara County	10/1/1991	5/1/2006	6	20	10	C
060350	Santa Clara, City of	5/1/2002	10/1/2019	7	15	5	C
060337	Santa Clara County	5/1/2004	5/1/2009	10	0	0	R
060729	Santa Clarita, City of	10/1/2001	5/1/2014	7	15	5	C
060355	Santa Cruz, City of	10/1/1992	5/1/2002	7	15	5	C
060353	Santa Cruz County	10/1/2012	10/1/2012	8	10	5	C
060182	Sausalito, City of	5/1/2019	5/1/2019	9	5	5	NA
060421	Simi Valley, City of	10/1/1993	10/1/2019	5	25	10	M
060631	Solano County	10/1/1991	10/1/2018	7	15	5	C
060375	Sonoma County	10/1/1991	10/1/1992	10	0	0	R
060302	Stockton, City of	10/1/1996	10/1/1997	8	10	5	C
060352	Sunnyvale, City of	10/1/1998	5/1/2009	7	15	5	C
060394	Sutter County	10/1/2008	5/1/2020	6	20	10	C
060400	Tehama, City of	10/1/2003	5/1/2013	5	25	10	C
060401	Trinity County	5/1/2011	5/1/2011	9	5	5	C
060373	Vacaville, City of	10/1/1995	10/1/2000	8	10	5	C
060413	Ventura County	10/1/2011	5/1/2016	5	25	10	C
060409	Visalia, City of	10/1/2011	5/1/2018	7	15	5	C
065070	Walnut Creek, City of	10/1/1991	5/1/2011	8	10	5	C
060357	Watsonville, City of	10/1/1992	10/1/2018	7	15	5	C
060728	West Sacramento, City of	10/1/2011	5/1/2017	6	20	10	C
060238	Yorba Linda, City of	10/1/1993	10/1/2004	10	0	0	R
060423	Yolo County	10/1/2010	10/1/2010	8	10	5	C
060396	Yuba City, City of	10/1/2007	10/1/2019	6	20	10	C
060427	Yuba County	10/1/2003	4/1/2021	7	15	5	C
060739	Yucaipa, City of	10/1/2011	10/1/2015	10	0	0	R

Source: FEMA 2022

Notes: *C* *Cycle*
M *Modification*
NA *New Application*
R *Retrograde*

Appendix Q. State Investments in Hazard Mitigation and Climate Adaptation



Q STATE INVESTMENTS IN HAZARD MITIGATION AND CLIMATE ADAPTATION

The state of California invests in hazard mitigation and climate adaptation through various state grant programs across a variety of partner agencies. This appendix summarizes recent spending through key programs.

Q.1 GREENHOUSE GASE REDUCTION FUND

Through the Greenhouse Gas Reduction Fund (GGRF), California has appropriated $19.6 billion toward the State's climate goals and implemented $11.4 billion in projects as of August 2022. These investments support programs and projects that reduce greenhouse gas (GHG) emissions in the state and deliver major economic, environmental, and public health benefits for Californians, including meaningful benefits to the most disadvantaged communities. The fund supports programs and projects within the following three priority areas: transportation and sustainable communities, clean energy and energy efficiency, and natural resource and waste diversion. The fund received continuous appropriations and annual appropriations through the Legislature's yearly budget deliberations.

Table Q-1 contains a summary of appropriations as of September 2022.

Table Q-1. GGRF Appropriations by Program

Agency	Program and Sub Programs	Appropriations ($ millions)		
		Prior to FY 22 23	FY 22 23	Total
California Air Resources Board	• Community Air Monitoring	—	$30	$30
California Air Resources Board	• Community Air Protection • Community Air Grant • Community Air Protection Incentives	$1,085	$270	$1,356
California Air Resources Board	• Fluorinated Gases Emission Reduction Incentives	$1	$10	$11
California Air Resources Board	• Funding Agricultural Replacement Measures for Emission Reductions Program	$421	-	$421

Agency	Program and Sub Programs	Appropriations ($ millions)		
		Prior to FY 22 23	FY 22 23	Total
California Air Resources Board	• Low Carbon Transportation • Advanced Technology Demonstration and Pilot Projects • Agricultural Worker Vanpools • Clean Cars for All • Clean Mobility in Schools Project • Clean Mobility Options • Clean Off-Road Equipment Voucher Incentive Project • Small Off-Road Engines • Clean Vehicle Rebate Project • Financing Assistance for Lower-Income Consumers • Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project • Outreach, Education, and Awareness • Rural School Bus Pilot Projects • Sustainable Transportation Equity Project • Zero- and Near Zero-Emission Freight Facilities • Zero-Emission Truck and Bus Pilot Projects	$2,729	$746	$3,475
California Air Resources Board	• Methane Satellites	-	$105	$105
California Air Resources Board	• Prescribed Fire and Smoke Monitoring Program	$4	-	$4
California Air Resources Board	• Woodsmoke Reduction	$13	$5	$18
California Coastal Commission	• Coastal Resilience Planning	$5	$1	$6
California Conservation Corps	• Training and Workforce Development Program	$71	$4	$75
California Department of Community Services and Development	• Low-Income Weatherization • Community Solar • Farmworker Housing Single-Family Energy Efficiency and Solar Photovoltaics • Multi-Family Energy Efficiency and Renewables • Single-Family Energy Efficiency and Solar Photovoltaics	$227	$15	$242
California Department of Fish and Wildlife	• Wetlands and Watershed Restoration	$47	-	$47
California Department of Food and Agriculture	• Dairy Methane • Alternative Manure Management Program • Dairy Digester Research and Development Program	$289	$30	$319
California Department of Food and Agriculture	• Healthy Soils Program	$66	-	$66

Agency	Program and Sub Programs	Appropriations ($ millions)		
		Prior to FY 22 23	FY 22 23	Total
California Department of Food and Agriculture	• Renewable and Alternative Fuels	$3	-	$3
California Department of Food and Agriculture	• State Water Efficiency and Enhancement Program	$63	-	$63
California Department of Forestry and Fire Protection	• Community Fire Planning and Preparedness	$10	-	$10
California Department of Forestry and Fire Protection	• Fire Prevention • Fire Prevention Grants Program • Fire Prevention Program	$358	$84	$435
California Department of Forestry and Fire Protection	• Forest Carbon Plan Implementation	$130	-	$130
California Department of Forestry and Fire Protection	• Sustainable Forests • Forest Health Program • Forest Health Research • Urban and Community Forestry Program	$974	-	$974
California Department of Resources Recycling and Recovery	• Waste Diversion • Community Composting for Green Spaces Grant • Food Waste Prevention and Rescue Grants • Organics and Recycling Manufacturing Loans • Organics Grants • Recycled Fiber, Plastic, and Glass Grants	$269	$190	$459
California Department of Transportation	• Active Transportation Program	$10	-	$10
California Department of Transportation	• Low-Carbon Transit Operations Program4	$902	-	$902
California Department of Water Resources	• State Water Project Turbines	$20	-	$20
California Department of Water Resources	• Water-Energy Grant Program	$48	-	$48
California Energy Commission	• Food Production Investment Program	$124	-	$124
California Energy Commission	• Low-Carbon Fuel Production Program	$13	-	$13
California Energy Commission	• Renewable Energy for Agriculture Program	$10	-	$10
California Environmental Protection Agency	• Transition to a Carbon-Neutral Economy	$3	-	$3

Agency	Program and Sub Programs	Appropriations ($ millions)		
		Prior to FY 22 23	FY 22 23	Total
California Governor's Office of Emergency Services	• Wildfire Response and Readiness • Fire Engines and Maintenance • Wildfire Response and Readiness	$32	$1	$35
California High-Speed Rail Authority	• High-Speed Rail Project4	$5,050	-	$5,050
California Natural Resources Agency	• Regional Forest and Fire Capacity	$20	-	$20
California Natural Resources Agency	• Urban Greening Program	$156	-	$156
California Ocean Protection Council	• Sea Level Rise	-	$38	$38
California State Coastal Conservancy	• Climate Ready Program	$7	$118	$125
California State Transportation Agency	• Transit and Intercity Rail Capital Program4	$1,916	-	$1,916
California State Water Resources Control Board	• Safe and Affordable Drinking Water Fund4	$328	-	$328
California Strategic Growth Council	• Affordable Housing and Sustainable Communities4 • Affordable Housing and Sustainable Communities Program • Sustainable Agricultural Lands Conservation Program	$3,653	-	$3,653
California Strategic Growth Council	• Climate Change Research Program	$36	-	$36
California Strategic Growth Council	• Technical Assistance Program	$6	-	$6
California Strategic Growth Council	• Transformative Climate Communities Program	$241	-	$241
California Wildlife Conservation Board	• Climate Adaptation and Resiliency Program	$20	-	$20
California Workforce Development Board	• Low-Carbon Economy Workforce	$39	$3	$42
San Francisco Bay Conservation and Development Commission	• Climate Resilience Planning	$7	$2	$8
Total		**$18,270**	**$1,652**	**$21,041**

NOTE: Appropriations listed are estimates based on published budgets, legislation, quarterly cap-and-trade auction results, and reversions of unused funds, rounded to the nearest million dollars; listed values may not sum due to rounding. Administering agencies may also transfer appropriation to other state agencies to implement programs.

Source: (Cap-and-Trade 2022)

Q.2 OTHER STATE PROGRAMS

In addition to the programs listed above, California continuously makes investments in mitigation to support the State's mitigation focused programs. An overview of congressional funding invested in mitigation is presented in Table Q-2 through Table Q-6.

Table Q-2. 2018-2019 California Budget Related to Mitigation, Resilience, Wildfire, and Climate Funding

Agency	State Investments	Budget Funds	Summary of Investment
Emergency Management			
Cal OES	Hazard Mitigation Program	$3.2 million	Enhance hazard mitigation activities throughout the state. Mitigation programs provide funding for eligible activities that reduce disaster losses and protect life and property from future disaster damages.
Cal OES	Regional Hazardous Materials Response Program	$3.4 million	Office of Emergency Services to provide regional and on-site support for planning, response, and mitigation capabilities in the event of a release of hazardous materials.
Climate Change & Natural Resources			
Department of Water Resources	Groundwater Treatment	$84 million	For the State Water Board to support regional groundwater treatment and remediation activities that prevent or reduce contamination of groundwater.
California Environmental Protection Agency	Forest Carbon Plan	$99.2 million	The California Forest Carbon Plan serves as a scientific foundation and policy vision for improving the health and resiliency of California's forests against the worsening threats of fire and disease driven by climate change.
California Air Resources Board (CARB)	Cap and Trade Expenditure Plan	$1.4 billion	The Cap and Trade Expenditure Plan invests in programs that further reduce GHG emissions, support climate resiliency efforts, and benefit disadvantaged communities.
Governor's Office of Business and Economic Development	Zero-Emission Vehicle (ZEV) Investment Initiative	$2.4 billion over eight years	This new ZEV Initiative will help California meet and exceed the goal of 1.5 million ZEVs on California's roadways by 2025, and provide a solid foundation to achieve the 5 million ZEV goal by 2030.
Department of Water Resources	Operations and Maintenance: Levees	$25 million	Support ongoing levee maintenance.

Agency	State Investments	Budget Funds	Summary of Investment
Department of Water Resources	Sustainable Groundwater Management Act (SGMA) Implementation	$61.8 million	To support groundwater sustainability agencies through three key efforts: (1) providing technical assistance to aid in the development and evaluation of their plans, (2) supplementing existing planning grants to support a groundwater sustainability agency's responsibility to define a path to achieve sustainable groundwater management, and (3) providing grants directly supporting implementation of groundwater projects.
Department of Water Resources	Urban Flood Control Projects	$170 million	The Urban Flood Control Projects will support the state cost-share of U.S. Army Corps of Engineers' urban flood control projects that will contribute to a 200-year level of flood protection in urban areas of the Central Valley.
Department of Water Resources	Salton Sea Restoration	$30 million	The Natural Resources Agency to construct water management infrastructure and habitat conservation and dust mitigation projects.
Department of Water Resources	Multi-Benefit Flood Control Projects	$98.5 million	Flood control projects that achieve public safety and fish and wildlife improvements, as well as Floodplain Management, Protection and Risk Awareness Program to protect California's alluvial fan, coastal, and riverine floodplains.
CAL FIRE	CAL FIRE/Corps Fire Crews	$2.3 million	Support CAL FIRE/Corps fire crews for wildland fire suppression, emergency incident mitigation, and fire prevention and resource management work.
Environmental Protection/Statewide Issues and Various Departments			
California Department of Resources Recycling And Recovery	Disaster Response Emergency Operations	$300 million	To address immediate response and recovery efforts for communities affected by wildfires, and subsequent mudslides along with the removal of hazardous waste and debris that threatened public health and the environment if not immediately addressed.

Table Q-3. 2019-2020 California Budget Related to Mitigation, Resilience, Wildfire, and Climate Funding

Agency	State Investments	Budget Funds	Summary of Investment
Emergency Management			
Cal OES	Public Safety Power Shutdown	$75 million	Work with local governments and stakeholders to protect vulnerable populations and improve resiliency of the state's critical infrastructure in response to utility-led public safety power shutdown (PSPS) actions.
California Air Resources Board, Department of Fish and Wildlife, and State Water Resources Control Board	Prescribed Fire Monitoring and Timber Harvest Plan Exemption Review	$11.3 million	Funding to implement the requirements of the legislative package and facilitate increases in the number of prescribed fire and other fuel reduction projects while mitigating the potential for negative impacts to the environment.
California Conservation Corps	Forestry Corps	$4.5 million	To develop and implement the Forestry Corps Program and operate four Forestry Corps crews that will undertake forest health and hazardous fuel reduction projects in areas of high fire risk.
CAL FIRE	Defensible Space Assistance Program	$5 million	Support for increased community resiliency through regionally-led defensible space assistance programs.
CAL FIRE	Increasing Fire Prevention	$14.3 million	Provides (1) support in certifying the Programmatic Environmental Impact Report (EIR) for the California Vegetation Treatment Program, which will help CAL FIRE and other partner agencies increase the pace and scale of fire prevention activities, (2) enhance land use planning and wildfire risk reduction efforts in the wildland urban interface, and (3) dispose of illegal and dangerous fireworks.
CAL FIRE	Forest Health and Fire Prevention	$200 million	This funding will enable CAL FIRE to complete more fuel reduction projects through the operation of prescribed fire crews and grants for forest health projects.
Cal OES and Cal Volunteers	California for All Emergency Preparedness Campaign	$50 million	A joint initiative between Cal Volunteers and Cal OES, to connect vulnerable populations with culturally and linguistically competent support and bolster resiliency. The campaign is supports the dispatch of expert disaster teams to key regions and the development of targeted public awareness and outreach campaigns.

Agency	State Investments	Budget Funds	Summary of Investment
Environmental Protection/Statewide Issues and Various Departments			
Cal OES	Cap and Trade Expenditure Plan	$1.4 billion 2019-2020	Enhance support programs that reduce or sequester greenhouse gas emissions, enhance the state's resiliency to climate change. Enhancing the need for a practical roadmap to manage the decline of both the demand and supply of fossil fuels in California in a manner that is economically responsible and sustainable.

Table Q-4. 2020-2021 California Budget Related to Mitigation, Resilience, Wildfire, and Climate Funding

Agency	State Investments	Budget Funds	Summary of Investment
Emergency Management			
Cal OES	Community Power Resiliency	$50 million	Enhance preparedness measures that bolster community resiliency. Enhance measures will support critical services still vulnerable to power outage events, including schools, county election offices, and food storage reserves.
California Public Utilities Commission	Wildfire Mitigation Efforts	$50.1 million	Funding to review and enforce utility wildfire mitigation plans and implement statutes.
CDAA	California Disaster Assistance Act (CDAA)	$38.2 million	Through the CDAA, which is used to repair, restore, or replace public real property damaged or destroyed by a disaster or to reimburse local governments and response to a state of emergency proclaimed by the Governor.
CDT	California Cybersecurity Integration Center	$11.1 million 2020-21	Enhance the state's critical cybersecurity infrastructure. Develop full-time Joint Incident Response Team to bolster the state's capabilities in preventing, mitigating, and responding to cyberattacks.
CAL FIRE	Innovation Procurement Sprint	$4.4 million	Enable CAL FIRE to implement the new, pioneering wildfire prediction and modeling technology that was procured through the Innovation Procurement Sprint process initiated through Executive Order. The data from this software program will be used to inform fire pre-positioning and suppression tactical operations, with the intent to more readily control and contain wildfires, and to protect people and assets at risk.
Climate Change			
California Department of Food And Agriculture	Farm to School Program	$10 million	Empower the Farm to School Working Group to advance farm to school implementation and explore how to create a more resilient and climate-smart food supply in California.

Agency	State Investments	Budget Funds	Summary of Investment
Environmental Protection			
California Environmental Protection Agency (CalEPA)	Air Quality in Disadvantaged Communities	$50 million	Promoting support to local programs addressing the air quality disparities suffered by California's most disadvantaged communities. Additional support to local efforts to deploy community-scale air pollution monitoring, as well as to develop and execute community-driven pollution-reduction strategies.
Natural Resources			
Department of Water Resources	American River Common Features Flood Control Project	$46 million 2020-2021	Sacramento region flood control project.
Department of Water Resources	New River Improvement Project	$18 million	Enhancing support to New River Improvement Projects, which will address solid waste and pollution exposure challenges in the City of Calexico, and support health, recreation, and economic benefits in the area.

Table Q-5. 2021-2022 California Budget Related to Mitigation, Resilience, Wildfire, and Climate Funding

Agency	State Investments	Budget Funds	Summary of Investment
Emergency Management			
Cal OES	Community Hardening to Build Disaster Resilient Communities	$100 million	Enhancing support to community hardening efforts and under-resourced communities by covering up to 100 percent of the local government's cost share for participating in the federal hazard mitigation grant program. In addition, providing outreach to disadvantaged local communities.
Cal OES	Supporting Long-Term Recovery	$37.8 million	Support California's recovery efforts and recoupment of eligible federal disaster cost reimbursements for the state and local governments on the state and local jurisdictions.
Cal OES	California Disaster Assistance Act (CDAA)	$100 million	The CDAA helps local governments for eligible costs associated with emergency activities undertaken in response to a state of emergency proclaimed by the Governor.
CAL FIRE	Wildfire and Forest Resilience Strategy	$1.5 billion	Dispense comprehensive packages of resources to increase the pace and scale of forest health activities and decrease fire risk.

Agency	State Investments	Budget Funds	Summary of Investment
CAL FIRE	Wildfire Forecast and Threat Intelligence Integration Center	$7.5 million 2021-2022	To transmit "real time" intelligence and data regarding wildfire threats to government agencies. Develop intelligence products for public and private entities involved in wildfire risk mitigation efforts. Also serves as a central organizing hub for wildfire forecasting, weather information, threat intelligence gathering, and analysis.
Climate Change			
Cal OES	Immediate Drought Support	$727.7 million	Enhance and meet current anticipated future water supply needs that will build regional capacity to endure dry conditions. These funds will encourage emergency drought relief projects that help secure and expand water supplies; small supplier and rural community drought contingency planning and preparedness projects; and local water resilience capacity building climate change.
Department of Water Resources	Flood Management	$365.2 million	Funding across four years to leverage $1.8 billion in federal funds for the American River Common Features flood control project, the maintenance and strengthening of levees, the support of emergency flood response activities in the Sacramento-San Joaquin Delta, and the support of collaborative flood risk management.
The California Department of Fish and Wildlife	Restoration of Natural Areas and Ecosystems	$236.4 million	Support multi-benefit ecosystem and watershed protection and restoration projects; watershed resilience; and climate resilience by increasing coastal and marine ecosystem health.
Department of Water Resources	Groundwater Sustainability and Water Conveyance	$200 million	Support major canals damaged by subsidence in order to facilitate movement of water across and within regions and Sustainable Groundwater Management Act implementation through groundwater projects and the State Water Efficiency and Enhancement Program.
CAL FIRE	Wildfire and Forest Resilience	$458 million	Support the Forest Management Task Force's Wildfire and Forest Resilience Action Plan. An additional $500 million is accelerated from 2022-23 to 2021-22 if authorized activities progress at a rate indicating additional funding is necessary.

Agency	State Investments	Budget Funds	Summary of Investment
Governor's Office of Business and Economic Development	Heavy-Duty Zero-Emission Vehicles and Supporting Infrastructure	$2 billion	Zero-Emission vehicles prioritize projects that directly benefit populations and improve air quality to communities. In addition will service for local air districts in extreme nonattainment areas to deploy non-diesel, low nitrogen oxide heavy-duty vehicles.
Governor's Office of Business and Economic Development	Light-Duty Zero-Emission Vehicle Adoption and Transportation Equity	$1.2 billion	Develop and invest in consumer adoption of ZEVs and in clean mobility for disadvantaged and low income communities. The funds will be distributed over three years for the statewide expansion of Clean Cars 4 All and for a suite of clean transportation equity projects. In addition the fund investment is designed to close the projected 2025 light duty charging and fueling infrastructure gap.
Governor's Office of Business and Economic Development	Zero-Emission Rail and Transit Equipment Purchases and Infrastructure	$407 million	Establish and purchase or lease state-of-the-art, clean bus and rail equipment and infrastructure that eliminate fossil fuel emissions and increase intercity rail and intercity bus frequencies.
Sustainable Agriculture			
California Department of Food and Agriculture	State Water Efficiency and Enhancement Program (SWEEP) Grants	$40 million	Administer and provide grants to farmers to enhance irrigation efficiency and reduce greenhouse gas emissions from agriculture-related pumping
Environmental Protection			
Department of Toxic Substances Control	Contaminated Site Cleanups	$500	Accelerate the cleanup of contaminated properties in impacted communities. This investment will be allocated throughout California, using a risk-based approach founded on health-based criteria. These efforts will be accomplished in partnership with communities through the inclusion of funding for training and skills development.
Natural Resources			
Department Of Fish and Wildlife	Biodiversity Enhancements/Strategic One-Time Investments	$41.8 million	Development toward safeguarding California's biodiversity, increasing access opportunities on state lands, and finding solutions to restore the state's natural ecosystems. which will advance the Department's work to protect and conserve California's natural resources.

Agency	State Investments	Budget Funds	Summary of Investment
Department Of Fish and Wildlife	Water Resilience and Drought Package	$50.5 million	Supports expeditiously handling drought-related permitting and compliance, providing support and equipment to bolster the capacity to rescue fish and monitor at-risk species, and improving water use efficiency on state-owned habitat lands.
Department Of Fish and Wildlife	Wildlife Habitat Restoration and Public Recreation for Underserved	$3.3 million	Aid to restore and enhance wildlife habitat and provide visitor amenities on selected state lands to enhance biodiversity conservation and provide equitable access for diverse communities.

Table Q-6. 2022-2023 California Budget Related to Mitigation, Resilience, Wildfire, and Climate Funding

Agency	State Investments	Budget Funds	Summary of Investment
Emergency Management			
Cal OES	Addressing Heightened Risks Through Enhanced Partnerships	$5.8 million in 2022-2023	Enhancing regional partnership capacity with local jurisdictions to bolster disaster recovery capacity and resilience.
CAL FIRE	Wildfire and Forest Resilience	$400 million	Enhance wildfire resilience across California's diverse landscapes by thinning forests, replanting trees, and supporting reforestation, which will also improve biodiversity, watershed health, carbon sequestration, air quality, and recreation.
CAL FIRE	Wildfire and Forest Resilience	$265 million	Support strategic fuel breaks projects that will enable local communities to develop their own fire safety projects.
CAL FIRE	Wildfire and Forest Resilience	$5 million	Expand defensible space inspections.
CAL FIRE	Wildfire and Forest Resilience	$530 million	Additional funds to be disbursed over two years and that will be allocated in the summer pending additional discussions with the Legislature to support additional wildfire and forest resilience actions.
Climate Change			
Cal OES	Nature based solutions, extreme heat, and other climate resilience activities- long duration storage incentives	$140 million	To invest in long duration storage projects throughout the state to support grid reliability. This investment will help with resilience in the face of emergencies, including wildfires, and provide a decarbonized complement to intermittent renewables, which will provide the state with additional energy storage options during periods of low renewable power availability.

Agency	State Investments	Budget Funds	Summary of Investment
Cal OES	Community Hardening	$5 million	To expand defensible space inspections. Comprehensive, in addition to wildfire and forest resilience strategy to continue to reduce the risk of catastrophic wildfires.
Governor's Office of Business and Economic Development	Heavy-Duty Zero-Emission Vehicles	$600 million	Distributes Greenhouse Gas Reduction Fund to support zero-emission trucks, buses, & off-road equipment. Enhance efforts between educational, air pollution, and energy agencies.
Governor's Office of Business and Economic Development	Low-Income Zero-Emission Vehicles	$76 million	Distributes Greenhouse Gas Reduction Fund to support low-income consumer purchases through equity programs. Improve access to opportunity.
Governor's Office of Business and Economic Development	Zero-Emission Vehicle Infrastructure	$383 million	Federal funds to implement ZEV charging infrastructure programs pursuant to the federal Infrastructure Investments and Jobs Act. Provides programs and projects that align with climate goals, advance public health and equity.
CalEPA	Fish and Wildlife Protection	$88.3 million	Enables to protect fish and wildlife impacts associated with drought and climate change, along with tribal co-management activities.
CalEPA	Climate and Health Resilience Planning	$25 million	For a grant program to bolster the actions of local health jurisdictions and develop regional Climate and Health Resilience Plans.
Caltrans	Climate Adaptation Programs	$400 million	To identity transportation-related climate vulnerabilities throughout the state and assist in developing and implementing projects to adapt infrastructure given climate change impacts.
CAL FIRE	Wildfire Fuel Breaks	$265 million	Supports strategic wildfire fuel breaks projects that will enable local communities to develop their own fire safety projects.
Various	Nature based solutions, extreme heat, and other climate resilience activities	$2.1 billion	Support multi-benefit and nature-based solutions, address impacts of extreme heat, build ocean and coastal resilience, advance environmental justice, and deliver community resilience and capacity where resources are most needed. Second round of investments from a $3.7 billion total investment in the 2021 budget.
Various	Nature based solutions, extreme heat, and other climate resilience activities	$768 million	To fund nature-based solutions over two years. Will be allocated in the summer after additional discussions with the Legislature.

Agency	State Investments	Budget Funds	Summary of Investment
Various	Nature based solutions, extreme heat, and other climate resilience activities	$300 million	To fund extreme heat-related activities over two years. Will be allocated in the summer after additional discussions with the Legislature.
Various	Nature based solutions, extreme heat, and other climate resilience activities	$3.1 billion	To support various other investments that support climate and energy activities, including climate-related grants to companies headquartered in California, over four years. Will be allocated in the summer after additional discussions with the Legislature.
California State Coastal Conservancy	Sea Level Rise	$120 million 2022-23 $300 million 2023-24	Allocation for the Climate Ready Program to fund nature-based projects to address sea level rise.
Higher Education			
University of California	Deferred Maintenance, Seismic Mitigation, and Energy Efficiency	$125 million	For deferred maintenance, seismic mitigation, and energy efficiency projects at UC campuses.
California State University	Deferred Maintenance, Seismic Mitigation, and Energy Efficiency	$125 million	For deferred maintenance, seismic mitigation, and energy efficiency projects at CSU campuses.
Environmental Protection			
California Volunteers	California Climate Action Corps	$3.9 million 2024-25	Enhance the existing Climate Action Corps program. These resources will support the mission of empowering Californians to take meaningful actions to protect their communities against the harshest impacts of climate change.