



# *Cal* OES

GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

## Appendix G. Risk Assessment Methodology

Updated December 15, 2023



# CALIFORNIA STATE HAZARD MITIGATION PLAN

## Volume 2

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# 2023

# Appendix G. Risk Assessment Methodology



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OF EMERGENCY SERVICES

## G. RISK ASSESSMENT METHODOLOGY

### G.1. ASSET INVENTORIES

The Federal Emergency Management Agency (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 or -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 Corps 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 depreciated 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 percent of the State-owned facilities and 93 percent 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) geographic information system (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 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 SHMP 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 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 U.S. Centers for Disease Control and Prevention (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 data.

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 58 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)
<b>Alameda</b>	1,643,700	1,682,353	1.02
<b>Alpine</b>	1,146	1,204	1.05
<b>Amador</b>	37,829	40,474	1.07
<b>Butte</b>	227,075	211,632	0.93
<b>Calaveras</b>	45,235	45,292	1.00
<b>Colusa</b>	21,464	21,839	1.02
<b>Contra Costa</b>	1,133,247	1,165,927	1.03
<b>Del Norte</b>	27,424	27,743	1.01
<b>El Dorado</b>	186,661	191,185	1.02
<b>Fresno</b>	978,130	1,008,654	1.03
<b>Glenn</b>	27,897	28,917	1.04
<b>Humboldt</b>	135,768	136,463	1.01
<b>Imperial</b>	180,216	179,702	1.00
<b>Inyo</b>	18,085	19,016	1.05
<b>Kern</b>	883,053	909,235	1.03
<b>Kings</b>	150,075	152,486	1.02
<b>Lake</b>	64,148	68,163	1.06
<b>Lassen</b>	31,185	32,730	1.05
<b>Los Angeles</b>	10,098,052	10,014,009	0.99
<b>Madera</b>	155,013	156,255	1.01
<b>Marin</b>	260,295	262,321	1.01
<b>Mariposa</b>	17,540	17,131	0.98

County	2018 Population	2020 Population	Adjustment Factor (2020 Population/2018 Population)
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
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. Government
- 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 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\_InundationBoundaries\_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 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 California Department of Conservation map server website. This dataset was published in 2022. It should be noted liquefaction zones have only been delineated for about 5 percent of the State. These Seismic Hazard Zone Maps only cover the San Francisco Bay area, Sacramento Delta, and greater Los Angeles Basin area.

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 California Geological Survey (CGS) Map Sheet 48 dataset downloaded from the California 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 percent 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 violent to extreme 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 July 19, 2022, and the latest LOMR effective date is July 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.

The 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 California Department of Conservation map server website. This dataset was published in 2022. It should be noted that landslide zones have only been delineated for about 5 percent of the State. These Seismic Hazard Zone Maps only cover the San Francisco Bay area, Sacramento Delta, and greater Los Angeles Basin area. This data specifically covers earthquake-induced landslide hazards and not other types of landslide triggering mechanisms, including gravity and rainfall.

The susceptibility to deep-seated landslides data (CGS Map Sheet 58) – *ms58\_ls\_susceptibility\_20181001* – was downloaded from the California 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. It should be noted that landslide hazard mapping is not uniform across the State. Detailed inventory mapping of existing deep-seated landslides is only available for selected

areas of the State, including portions of the northern Coast Ranges, the San Francisco Bay area, and the greater Los Angeles Basin area. Additionally, this data does not address susceptibility to shallow landslides and debris flows.

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 the USGS developed for their design rainstorm event, with a peak 15-minute rainfall intensity of 24 mm/h. The areas where the combined hazard classification (likelihood of a debris flow and the potential volume of the debris) is moderate or high were used for the exposure analysis. This data comes from post-fire debris flow assessments of specific fires. It does not predict downstream impacts, potential debris-flow runout paths, or the areal extent of debris-flow or flood inundation.

### G.5.5. Levee Failure

Levee flood protection zone (LFPZ) data was identified and used for the exposure analysis. 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 feet 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.
- National Oceanic and Atmospheric Administration (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 (USGS) 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-foot (100 cm) no-storm data was used for the year 2050 scenario. The 6.6-foot (200 cm) 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 coastal processes such as erosion, subsidence, or future construction. This data was downloaded from the Digital Coast Sea-Level Rise Viewer website. The 3-foot data was used for the year 2050 scenario, and the 6-foot 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 Assessment Results: State-Owned Facilities by County [No Hazards]

County	Number 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
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

County	Number of Structures	Square Footage	Structure RCV	Content RCV	Total RCV
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
<b>Total</b>	<b>23,961</b>	<b>242,626,696</b>	<b>\$19,162,925,827</b>	<b>\$17,562,725,589</b>	<b>\$36,725,651,416</b>

### Risk Assessment Results: State-Leased Facilities by County [No Hazards]

County	Number 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
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



County	Number of Structures	Structure RCV	Content RCV	Total RCV
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
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
<b>Total</b>	<b>1,893</b>	<b>\$9,216,928,646</b>	<b>\$9,438,197,133</b>	<b>\$18,655,125,778</b>

### Risk Assessment Results: State-Owned or -Leased Facilities by County [No Hazards]

County	Number 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
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

County	Number of Structures	Structure RCV	Content RCV	Total RCV
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
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
<b>Total</b>	<b>25,854</b>	<b>\$28,379,854,473</b>	<b>\$27,000,922,722</b>	<b>\$55,380,777,194</b>

### Risk Assessment Results: State-Owned Facilities by Agency [No Hazards]

Agency	Number 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
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

Agency	Number of Structures	Square Footage	Structure RCV	Content RCV	Total RCV
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
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

Agency	Number of Structures	Square Footage	Structure RCV	Content RCV	Total RCV
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
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

Agency	Number of Structures	Square Footage	Structure RCV	Content RCV	Total RCV
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
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

Agency	Number of Structures	Square Footage	Structure RCV	Content RCV	Total RCV
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
<b>Total</b>	<b>23,961</b>	<b>242,626,696</b>	<b>\$19,162,925,827</b>	<b>\$17,562,725,589</b>	<b>\$36,725,651,416</b>



### Risk Assessment Results: State-Leased Facilities by Agency [No Hazards]

Agency	Number 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
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

Agency	Number of Structures	Structure RCV	Content RCV	Total RCV
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
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

Agency	Number of Structures	Structure RCV	Content RCV	Total RCV
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
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

Agency	Number of Structures	Structure RCV	Content RCV	Total RCV
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	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
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

Agency	Number of Structures	Structure RCV	Content RCV	Total RCV
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
<b>Total</b>	<b>1,893</b>	<b>\$9,216,928,646</b>	<b>\$9,438,197,133</b>	<b>\$18,655,125,778</b>

### Risk Assessment Results: State-Owned or -Leased Facilities by Agency [No Hazards]

Agency	Number 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
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

Agency	Number of Structures	Structure RCV	Content RCV	Total RCV
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
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

Agency	Number of Structures	Structure RCV	Content RCV	Total RCV
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	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
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



Agency	Number of Structures	Structure RCV	Content RCV	Total RCV
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
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

Agency	Number of Structures	Structure RCV	Content RCV	Total RCV
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
<b>Total</b>	<b>25,854</b>	<b>\$28,379,854,473</b>	<b>\$27,000,922,722</b>	<b>\$55,380,777,194</b>

### Risk Assessment Results: State Facilities by Type [No Hazards]

Type of Facility	Number 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
<b>Total</b>	<b>23,961</b>	<b>242,626,696</b>	<b>\$19,162,925,827</b>	<b>\$17,562,725,589</b>	<b>\$36,725,651,416</b>

### Risk Assessment Results: State Bridges by County [No Hazards]

County	Number 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

County	Number of Bridges
Orange	657
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
<b>Total</b>	<b>13,201</b>

### Risk Assessment Results: State Highways by County [No Hazards]

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
Placer	305.3

<b>County</b>	<b>Miles of Highway</b>
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
<b>Total</b>	<b>30,098.0</b>

### Risk Assessment Results: State Dams by County [No Hazards]

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
Placer	0



County	Number of State-Owned Dams
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
<b>Total</b>	<b>49</b>

### Risk Assessment Results: State Water Project by Branch [No Hazards]

Branch	Miles of Canals & Pipelines
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
<b>Total</b>	<b>714.5</b>

### Risk Assessment Results: Population by County [No Hazards]

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%
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%

County	Highly Vulnerable Population	Population	% Population Highly Vulnerable
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%
<b>Total</b>	<b>12,023,566</b>	<b>39,538,232</b>	<b>30.4%</b>

### Risk Assessment Results: Buildable Lands by County [No Hazards]

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
Placer	122,653

County	Total Acres of Buildable Lands
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
<b>Total</b>	<b>11,788,962</b>

### Risk Assessment Results: Critical Facilities Count by County [No Hazards]

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
Orange	0	4	11	2	4	3	3	27

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



### Risk Assessment Results: Critical Facilities Economic Loss by County [No Hazards]

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
<b>Alameda</b>	-	\$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
<b>Alpine</b>	-	-	-	-	-	-	-
<b>Amador</b>	-	-	-	-	-	-	-
<b>Butte</b>	-	\$2.1 billion to greater than \$2.6 billion	-	\$100.0 million to \$500.0 million	-	-	-
<b>Calaveras</b>	-	-	\$100.0 million to \$500.0 million	-	-	-	-
<b>Colusa</b>	-	\$300.0 million to \$1.5 billion	-	\$220.0 million to \$1.2 billion	-	-	-
<b>Contra Costa</b>	-	\$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
<b>Del Norte</b>	-	-	-	-	-	\$10.0 million to \$100.0 million	-
<b>El Dorado</b>	-	-	-	-	-	-	-
<b>Fresno</b>	-	\$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	-
<b>Glenn</b>	-	-	-	\$10.0 million to \$100.0 million	-	-	-
<b>Humboldt</b>	-	\$10.0 million to \$100.0 million	-	-	-	\$0 to \$10.0 million	\$100.0 million to \$500.0 million
<b>Imperial</b>	-	\$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
<b>Inyo</b>	-	\$100.0 million to \$500.0 million	\$2.1 billion to greater than \$3.5 billion	-	-	-	-
<b>Kern</b>	-	\$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

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
<b>Kings</b>	-	\$100.0 million to \$500.0 million	\$1.2 billion to \$3.4 billion	-	-	-	-
<b>Lake</b>	-	\$10.0 million to \$100.0 million	-	-	-	-	-
<b>Lassen</b>	-	-	-	-	-	-	-
<b>Los Angeles</b>	\$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
<b>Madera</b>	-	\$100.0 million to \$500.0 million	-	-	-	-	-
<b>Marin</b>	-	-	-	-	\$10.0 million to \$100.0 million	-	\$1.0 billion to greater than \$1.1 billion
<b>Mariposa</b>	-	-	-	-	-	-	-
<b>Mendocino</b>	\$100.0 million to \$500.0 million	-	-	-	-	-	-
<b>Merced</b>	-	\$1.1 billion to greater than \$1.6 billion	\$820.0 million to \$2.7 billion	-	-	-	-
<b>Modoc</b>	-	\$100.0 million to \$500.0 million	-	-	-	-	-
<b>Mono</b>	-	-	\$1.5 billion to greater than \$2.1 billion	-	-	-	-
<b>Monterey</b>	-	\$1.1 billion to greater than \$1.5 billion	\$600.0 million to \$1.5 billion	-	-	\$10.0 million to \$100.0 million	-
<b>Napa</b>	-	-	-	-	\$500.0 million to \$1.0 billion	-	-
<b>Nevada</b>	-	-	-	-	-	-	-
<b>Orange</b>	-	\$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
<b>Placer</b>	-	-	\$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
<b>Plumas</b>	-	-	-	-	-	-	-

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
<b>Riverside</b>	\$300.0 million to \$1.5 billion	\$5.4 billion to greater than \$8.0 billion	\$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
<b>Sacramento</b>	\$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
<b>San Benito</b>	-	-	-	-	-	-	-
<b>San Bernardino</b>	-	\$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
<b>San Diego</b>	\$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
<b>San Francisco</b>	\$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
<b>San Joaquin</b>	\$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
<b>San Luis Obispo</b>	\$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	-
<b>San Mateo</b>	-	\$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
<b>Santa Barbara</b>	-	\$1.0 billion to greater than \$1.0 billion	\$10.0 million to \$100.0 million	\$100.0 million to \$500.0 million	-	\$100.0 million to \$500.0 million	-
<b>Santa Clara</b>	\$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
<b>Santa Cruz</b>	-	-	-	-	-	-	-
<b>Shasta</b>	-	\$1.4 billion to greater than \$3.0 billion	-	-	-	\$10.0 million to \$100.0 million	\$200.0 million to \$1.0 billion
<b>Sierra</b>	-	-	-	-	-	-	-

County	Communications	Energy	Food, Water, Shelter	Hazardous Material	Health & Medical	Safety & Security	Transportation
<b>Siskiyou</b>	-	\$10.0 million to \$100.0 million	-	-	-	-	-
<b>Solano</b>	-	\$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
<b>Sonoma</b>	-	-	-	-	-	\$0 to \$10.0 million	-
<b>Stanislaus</b>	-	-	\$1.6 billion to greater than \$2.7 billion	\$220.0 million to \$1.2 billion	-	\$10.0 million to \$100.0 million	-
<b>Sutter</b>	-	\$100.0 million to \$500.0 million	\$100.0 million to \$500.0 million	\$10.0 million to \$100.0 million	-	-	-
<b>Tehama</b>	-	\$100.0 million to \$500.0 million	\$100.0 million to \$500.0 million	-	-	-	-
<b>Trinity</b>	-	-	-	-	-	-	-
<b>Tulare</b>	-	-	\$300.0 million to \$1.5 billion	-	\$1.0 billion to greater than \$1.0 billion	\$10.0 million to \$100.0 million	-
<b>Tuolumne</b>	-	-	\$3.3 billion to greater than \$5.5 billion	-	-	-	-
<b>Ventura</b>	-	\$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
<b>Yolo</b>	-	-	\$1.1 billion to greater than \$1.5 billion	\$20.0 million to \$200.0 million	-	-	\$600.0 million to \$1.5 billion
<b>Yuba</b>	-	-	-	-	-	-	-