



California Climate Investments 2015 Implemented GGRF Projects by Region, Metropolitan Planning Organization, County, and Legislative District

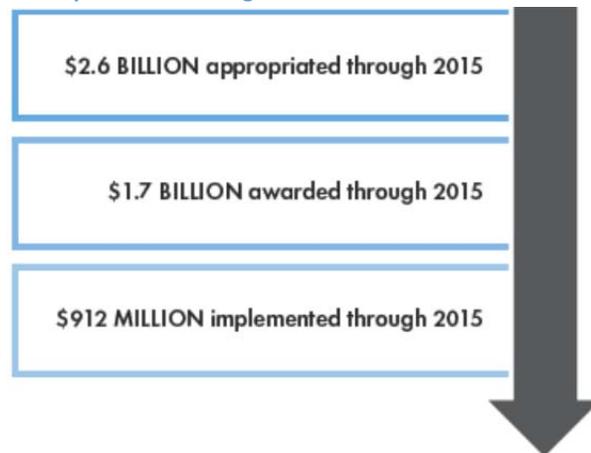
Project Data as of December 2015

Introduction

This document supplements the information provided in the *2016 Annual Report to the Legislature on California Climate Investments Using Cap-and-Trade Auction Proceeds* (Annual Report)¹ and the Excel-based Greenhouse Gas Reduction Fund (GGRF) Project List² by providing the summation of California Climate Investments by region, Metropolitan Planning Organization (MPO), county, and legislative district.

The summations provided here are derived from the data in the previously posted Excel GGRF Project List and represent \$912 million in funding for “Implemented Projects” as of December 2015. Implemented amounts will increase as agencies continue to make additional funding awards and begin projects throughout California.

Summary of GGRF Funding Status as of December 2015



Most projects can be tied to one project address, although a small number of GGRF projects span multiple geographic boundaries (e.g., a transit bus line or large forestry project). Where it wasn't feasible to associate a project with a single district or county, we included the same project in each district and county that benefits from the investment. As a result, the regional summations of GGRF funding in this document result in higher funding totals than the individual project funding summation values found in the Annual Report. See the excel GGRF Project List² for a more detailed explanation of the methodology ARB used to evaluate projects that cross geographic boundaries.

¹ARB, March 2016. Annual Report to the Legislature on California Climate Investments Using Cap-and-Trade Auction Proceeds.

http://arb.ca.gov/cc/capandtrade/auctionproceeds/ci_annual_report_2016_final.pdf

²ARB, May 2016. 2015 County and Legislative District List of Implemented GGRF Projects, Reported by Agencies Implementing California Climate Investments.

http://www.arb.ca.gov/cc/capandtrade/auctionproceeds/ggrf_project_list_for_2016_annual_report.xlsx



**California Climate Investments
2015 Implemented GGRF Projects by Region**

Project Data as of December 2015

Note: Projects that cross regional boundaries are counted either multiple times for each region that the project is located in (e.g., for a new 10-mile transit bus route), or once for a single region, if the specific location of the GGRF funded improvements could be identified (e.g., for a new shelter at one stop on a 10-mile route). Due to accounting for projects that cross regional boundaries, the summation of funds by region (\$914M) results in higher funding totals than the individual project funding summation values found in the 2016 Annual Report (\$912M). Likewise, the summation of funds benefiting disadvantaged communities by region (\$472M) results in a higher total than the disadvantaged communities total found in the 2016 Annual Report (\$469M).

Region	Total Funding Implemented	% of Funds	Funds Benefiting Disadvantaged Communities	% of Funds Benefiting Disadvantaged Communities
Bay Area	\$197,806,308	21.63%	\$106,498,877	22.54%
San Joaquin Valley	\$322,232,125*	35.23%	\$58,145,153*	12.31%
Los Angeles / Inland Empire	\$239,006,425	26.13%	\$206,182,480	43.64%
San Diego / Imperial	\$67,024,135	7.33%	\$57,189,778	12.11%
Other Regions	\$88,509,991	9.68%	\$44,407,702	9.40%

*Includes \$259,000,000 for the High-Speed Rail (HSR) project. HSR is also expected to benefit disadvantaged communities with direct jobs and improved access to work centers, but is not counted as a benefit here to demonstrate that SB 535 disadvantaged community targets are exceeded without including HSR.

Region Definitions (Counties):

Bay Area: Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma counties.

San Joaquin Valley: Fresno, Kern, Kings, Madera, Merced, San Joaquin, Stanislaus, and Tulare counties.

Los Angeles / Inland Empire: Los Angeles, Orange, Riverside, San Bernardino, and Ventura counties.

San Diego / Imperial: Imperial and San Diego counties.



**California Climate Investments
2015 Implemented GGRF Projects by Metropolitan Planning Organization (MPO)**

Project Data as of December 2015

Note: Projects that cross MPO boundaries are counted either multiple times for each MPO that the project is located in, (e.g., for a new 10-mile transit bus route), or once for a single MPO, if the specific location of the GGRF funded improvements could be identified (e.g., for a new shelter at one stop on a 10-mile route). Projects that are wholly contained within a single MPO are counted once for just that MPO. Due to accounting for projects that span MPO boundaries, the summation of funds by MPO (\$1.22B) results in higher funding totals than the individual project funding summation values found in the Annual Report (\$912M).

MPO	Counties	Total Funding Implemented	% of Total Funds
AMBAG	Monterey, San Benito, Santa Cruz	\$18,403,298	1.51%
BCAG	Butte	\$6,640,906	0.54%
FresnoCOG	Fresno	\$277,802,037*	22.78%
KCAG	Kings	\$4,775,058	0.39%
KCOG	Kern	\$6,425,638	0.53%
MCAG	Merced	\$2,167,485	0.18%
MCTC	Madera	\$262,167,134*	21.50%
MTC	Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma	\$197,806,308	16.22%
SACOG	Sacramento, Sutter, Yolo, Yuba	\$29,972,750	2.46%
SANDAG	San Diego	\$108,062,376	8.86%
SJCOG	San Joaquin	\$14,768,027	1.21%
SLOCOG	San Luis Obispo	\$4,639,612	0.38%
SBCAG	Santa Barbara	\$4,470,367	0.37%
SRTA	Shasta	\$636,772	0.05%
SCAG	Imperial, Los Angeles, Orange, Riverside, San Bernardino, Ventura	\$239,149,184	19.61%
StanCOG	Stanislaus	\$2,290,567	0.19%
TCAG	Tulare	\$11,203,197	0.92%
TMPO	El Dorado, Placer	\$6,783,857	0.56%

Non-MPO	Del Norte, Siskiyou, Modoc, Humboldt, Trinity, Lassen, Mendocino, Tehama, Glenn, Lake, Colusa, Plumas, Sierra, Nevada, Amador, Alpine, Calaveras, Tuolumne, Mariposa, Mono, Inyo	\$21,409,428	1.76%
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*Includes \$259,000,000 for the High-Speed Rail project.



**California Climate Investments
2015 Implemented GGRF Projects by County**

Project Data as of December 2015

Note: Projects that cross county boundaries are counted either multiple times for each county that the project is located in (e.g., for a new 10-mile transit bus route), or once for a single county, if the specific location of the GGRF funded improvements could be identified (e.g., for a new shelter at one stop on a 10-mile route). Due to accounting for projects that cross county boundaries, the summation of funds by county (\$1.44B) results in higher funding totals than the individual project funding summation values found in the Annual Report (\$912M).

County	Total Funding Implemented	% of Funds
Alameda	\$43,759,622	3.03%
Amador	\$820,503	0.06%
Butte	\$6,640,906	0.46%
Calaveras	\$43,465	0.00%
Colusa	\$419,726	0.03%
Contra Costa	\$27,447,564	1.90%
Del Norte	\$4,136	0.00%
El Dorado	\$4,881,861	0.34%
Fresno	\$277,802,041*	19.23%
Glenn	\$408,034	0.03%
Humboldt	\$1,729,964	0.12%
Imperial	\$142,759	0.01%
Inyo	\$23,290	0.00%
Kern	\$6,425,638	0.44%
Kings	\$4,775,059	0.33%
Lake	\$57,468	0.00%
Lassen	\$906,066	0.06%
Los Angeles	\$191,889,359	13.28%
Madera	\$262,167,135*	18.15%
Marin	\$14,697,761	1.02%
Mariposa	\$506,490	0.04%
Mendocino	\$483,732	0.03%
Merced	\$2,167,487	0.15%
Modoc	\$989,963	0.07%

County	Total Funding Implemented	% of Funds
Mono	\$1,038,211	0.07%
Monterey	\$16,645,616	1.15%
Napa	\$3,858,368	0.27%
Nevada	\$10,255,259	0.71%
Orange	\$68,198,518	4.72%
Placer	\$3,483,746	0.24%
Plumas	\$4,152	0.00%
Riverside	\$54,595,379	3.78%
Sacramento	\$21,445,044	1.48%
San Benito	\$191,763	0.01%
San Bernardino	\$49,495,402	3.43%
San Diego	\$108,062,375	7.48%
San Francisco	\$71,991,229	4.98%
San Joaquin	\$14,768,027	1.02%
San Luis Obispo	\$4,639,612	0.32%
San Mateo	\$48,558,881	3.36%
Santa Barbara	\$4,470,367	0.31%
Santa Clara	\$35,820,474	2.48%
Santa Cruz	\$1,573,248	0.11%
Shasta	\$636,772	0.04%
Sierra	\$567,480	0.04%
Siskiyou	\$234,288	0.02%
Solano	\$1,225,641	0.08%
Sonoma	\$2,800,104	0.19%
Stanislaus	\$2,290,565	0.16%
Sutter	\$428,831	0.03%
Tehama	\$2,115,550	0.15%
Trinity	\$6,175	0.00%
Tulare	\$8,203,202	0.57%
Tulare	\$3,000,000	0.21%
Tuolumne	\$795,476	0.06%
Ventura	\$45,967,827	3.18%
Yolo	\$8,115,313	0.56%
Yuba	\$121,596	0.01%

*Includes \$259,000,000 for the High-Speed Rail project.



**California Climate Investments
2015 Implemented GGRF Projects by State Senate District**

Project Data as of December 2015

Note: Projects that cross State Senate district boundaries are counted either multiple times for each district that the project is located in (e.g., for a new 10-mile transit bus route), or once for a single region, if the specific location of the GGRF funded improvements could be identified (e.g., for a new shelter at one stop on a 10-mile route). Due to accounting for projects that cross districts, the summation of funds by Senate district (\$2.29B) results in higher funding totals than the individual project funding summation values found in the Annual Report (\$912M).

Senate District	Total Funding Implemented	% of Funds
1	\$26,434,463	1.15%
2	\$18,606,998	0.81%
3	\$33,903,562	1.48%
4	\$16,305,500	0.71%
5	\$15,076,817	0.66%
6	\$16,463,385	0.72%
7	\$12,091,196	0.53%
8	\$274,506,772*	11.98%
9	\$42,357,681	1.85%
10	\$22,013,229	0.96%
11	\$72,363,196	3.16%
12	\$283,806,697*	12.39%
13	\$14,422,504	0.63%
14	\$278,556,040*	12.16%
15	\$22,501,741	0.98%
16	\$12,853,542	0.56%
17	\$24,630,951	1.08%
18	\$71,399,865	3.12%
19	\$47,173,277	2.06%
20	\$44,310,224	1.93%
21	\$70,290,929	3.07%
22	\$50,833,232	2.22%
23	\$42,467,079	1.85%
24	\$81,446,201	3.56%

Senate District	Total Funding Implemented	% of Funds
25	\$78,120,967	3.41%
26	\$33,769,603	1.47%
27	\$72,546,464	3.17%
28	\$2,142,698	0.09%
29	\$48,635,405	2.12%
30	\$9,254,652	0.40%
31	\$52,654,811	2.30%
32	\$46,970,222	2.05%
33	\$12,613,626	0.55%
34	\$54,477,076	2.38%
35	\$46,403,751	2.03%
36	\$50,078,812	2.19%
37	\$53,949,669	2.35%
38	\$36,361,769	1.59%
39	\$42,849,888	1.87%
40	\$55,235,527	2.41%

*Includes \$259,000,000 for the High-Speed Rail project.



**California Climate Investments
2015 Implemented GGRF Projects by State Assembly District**

Project Data as of December 2015

Note: Projects that cross State Assembly district boundaries are counted either multiple times for each district that the project is located in (e.g., for a new 10-mile transit bus route), or once for a single region, if the specific location of the GGRF funded improvements could be identified (e.g., for a new shelter at one stop on a 10-mile route). Due to accounting for projects that cross district boundaries, the summation of funds by Assembly district (\$2.77B) results in higher funding totals than the individual project funding summation values found in the Annual Report (\$912M).

Assembly District	Total Funding Implemented	% of Funds
1	\$16,532,271	0.60%
2	\$14,255,992	0.51%
3	\$7,521,893	0.27%
4	\$17,101,492	0.62%
5	\$269,121,633*	9.71%
6	\$2,112,509	0.08%
7	\$14,939,053	0.54%
8	\$7,609,333	0.27%
9	\$8,203,106	0.30%
10	\$15,609,552	0.56%
11	\$11,473,698	0.41%
12	\$2,179,679	0.08%
13	\$13,965,141	0.50%
14	\$7,189,486	0.26%
15	\$24,747,181	0.89%
16	\$10,140,241	0.37%
17	\$70,633,175	2.55%
18	\$22,212,695	0.80%
19	\$42,921,373	1.55%
20	\$13,546,965	0.49%
21	\$3,363,012	0.12%
22	\$5,503,096	0.20%
23	\$261,740,107*	9.44%

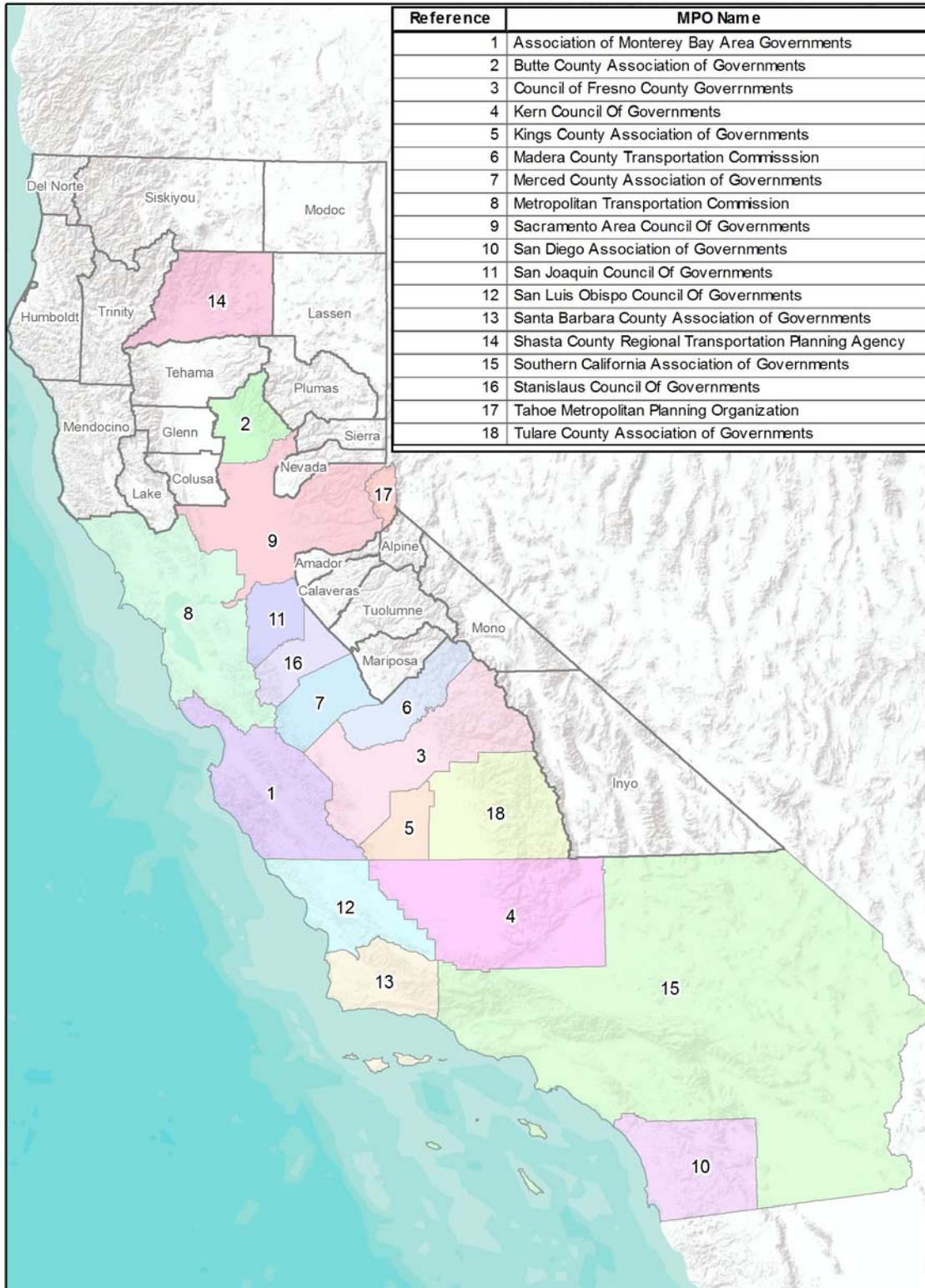
Assembly District	Total Funding Implemented	% of Funds
24	\$9,608,881	0.35%
25	\$10,145,569	0.37%
26	\$11,121,350	0.40%
27	\$13,161,282	0.47%
28	\$13,515,283	0.49%
29	\$19,160,095	0.69%
30	\$15,941,239	0.57%
31	\$275,065,993*	9.92%
32	\$7,583,613	0.27%
33	\$3,707,356	0.13%
34	\$3,579,917	0.13%
35	\$3,792,720	0.14%
36	\$66,761,091	2.41%
37	\$45,731,400	1.65%
38	\$69,627,000	2.51%
39	\$70,791,198	2.55%
40	\$42,006,683	1.52%
41	\$49,497,662	1.79%
42	\$596,025	0.02%
43	\$69,733,235	2.52%
44	\$44,645,066	1.61%
45	\$45,134,433	1.63%
46	\$69,618,072	2.51%
47	\$42,962,932	1.55%
48	\$48,533,871	1.75%
49	\$8,198,533	0.30%
50	\$29,544,542	1.07%
51	\$68,998,082	2.49%
52	\$42,583,160	1.54%
53	\$16,799,648	0.61%
54	\$4,719,929	0.17%
55	\$45,433,041	1.64%
56	\$565,972	0.02%
57	\$44,445,754	1.60%
58	\$44,429,668	1.60%
59	\$11,231,088	0.41%
60	\$42,498,151	1.53%
61	\$51,467,519	1.86%
62	\$1,731,298	0.06%
63	\$597,270	0.02%
64	\$42,972,345	1.55%

Assembly District	Total Funding Implemented	% of Funds
65	\$45,868,936	1.65%
66	\$3,469,179	0.13%
67	\$1,123,605	0.04%
68	\$49,955,295	1.80%
69	\$51,150,992	1.84%
70	\$6,685,303	0.24%
71	\$1,721,090	0.06%
72	\$6,561,838	0.24%
73	\$48,058,519	1.73%
74	\$5,274,221	0.19%
75	\$1,667,681	0.06%
76	\$44,865,438	1.62%
77	\$3,279,405	0.12%
78	\$40,533,786	1.46%
79	\$36,940,088	1.33%
80	\$54,625,103	1.97%

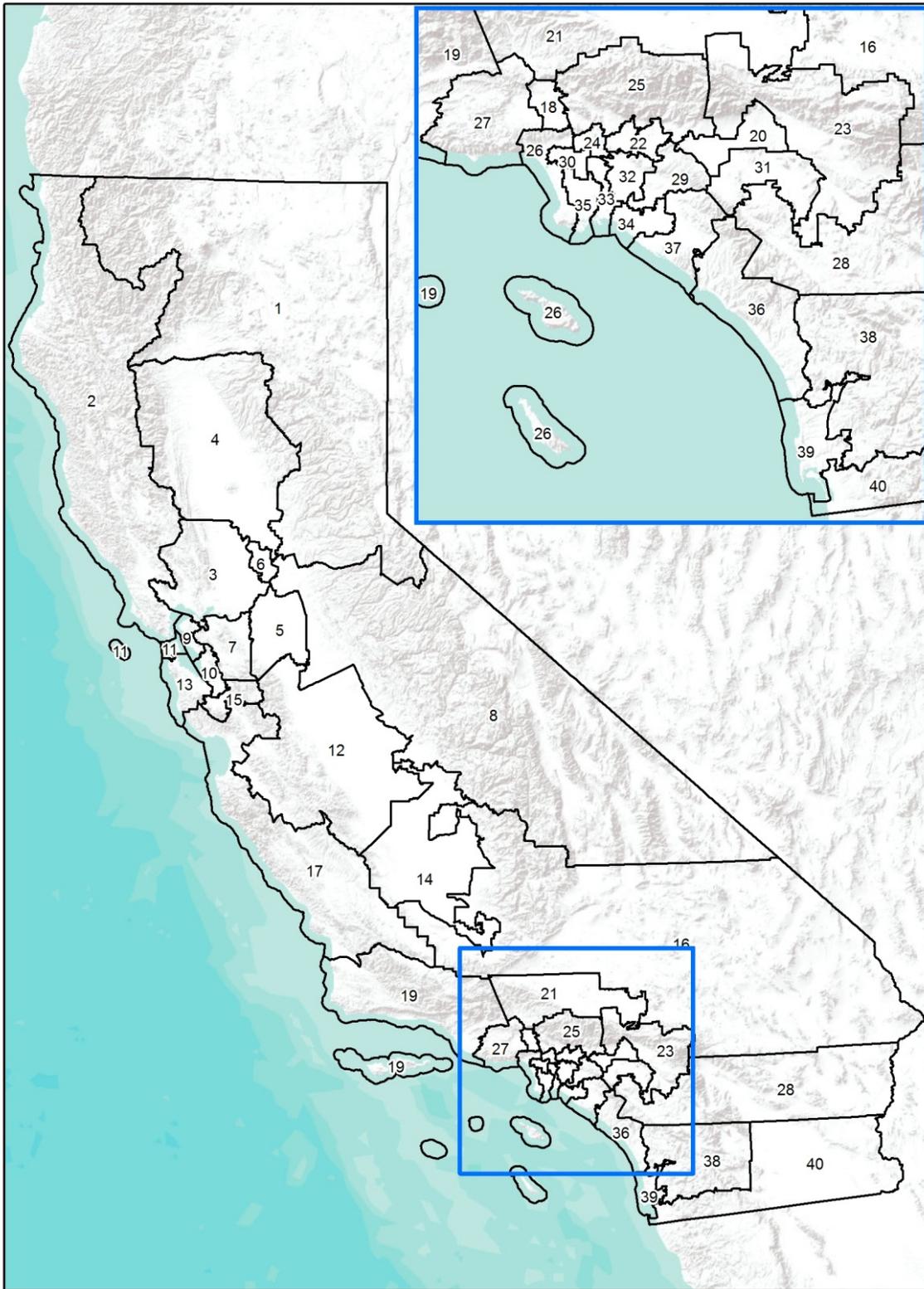
*Includes \$259,000,000 for the High-Speed Rail project.

Reference Maps to Display MPO, County, and Legislative Boundaries

California Metropolitan Planning Organization (MPO) Boundaries



State Senate Districts



State Assembly Districts

