

2005 Base Scenario

**Table 1: SB 375 Base Year Estimate**

Weekday Vehical Miles Traveled and Weekday Carbon Dioxide are reported from Emfac2007 for LDA, LDT1, LDT2, and MDV vehicle classifications.

Weekday Vehical Miles Traveled and Weekday Carbon Dioxide are reported from Emfac2007 for LDA, LDT1, LDT2, and MDV vehicle classifications.

	Metropolitan Planning Organization										Metropolitan Planning Organizations								
	SCAG <sup>2</sup>	MTC/ABAG	SANDAG	SACOG <sup>3</sup>	Fresno <sup>4</sup>	Kern <sup>5</sup>	AMBAG	SJCOG <sup>6</sup>	StanCOG <sup>6</sup>	Tulare <sup>6</sup>	SBCAG <sup>7</sup>	SLOCOG	Merced <sup>6</sup>	BCAG	Shasta (2030)	Kings <sup>6</sup>	Madera <sup>6</sup>	Tahoe	Total <sup>8</sup>
<b>Base Year Scenario (2005)</b>																			
Total Weekday Vehicle Miles Traveled (000s)	420,815	157,440	81,605	58,531	21,146	22,619	16,076	15,730	11,124	9,636	9,605	-	7,153	-	5,395	3,571	4,555	1,268	830,193
<b>SB 375 Weekday Vehicle Mile Traveled (000s)</b>	387,688	147,245	77,379	46,702	17,687	16,107	16,076	13,618	9,475	8,250	8,313	-	5,425	-	4,366	2,632	3,730	1,151	749,769
Internal I-I	344,035	127,934	65,290	35,460	13,130	10,309	8,703	-	-	-	6,987	-	-	-	2,680	-	-	318	
Interregional X-I, I-X	40,707	16,312	11,698	9,716	2,297	938	6,271	-	-	-	1,174	-	-	-	1,275	-	-	464	
Through X-X	2,946	2,999	391	1,526	2,260	4,860	1,102	-	-	-	152	-	-	-	410	-	-	369	
<b>Percentage of Total Vehicle Miles Travelled</b>	92.1%	93.5%	94.8%	79.8%	83.6%	71.2%	100.0%	86.6%	85.2%	85.6%	86.5%	-	75.8%	-	80.9%	73.7%	81.9%	90.8%	90.3%
<b>Caltrans HPMS Vehicle Miles Traveled Estimate <sup>1</sup></b>	422,473	166,186	78,015	56,219	21,832	22,263	16,968	18,008	11,301	9,634	10,123	7,931	7,150	4,926	5,327	3,687	4,079	976	837,274
MPO Estimate Percent Difference	(0.4%)	(5.3%)	4.6%	4.1%	(3.1%)	1.6%	(5.3%)	(12.7%)	(1.6%)	0.0%	(5.1%)	0.0%	0.0%	0.0%	1.3%	(3.1%)	11.7%	29.9%	(0.8%)
<b>Weekday Carbon Dioxide (tons = 2000lbs)</b>	190,540	74,641	39,649	23,640	8,402	8,410	-	6,652	4,754	4,021	3,574	-	2,606	-	1,950	1,284	1,793	620	372,536
Internal I-I	169,085	64,852	33,455	17,949	6,237	5,430	-	-	-	-	3,004	-	-	-	1,197	-	-	171	
Interregional X-I, I-X	20,007	8,269	5,994	4,918	1,091	450	-	-	-	-	505	-	-	-	570	-	-	250	
Through X-X	1,448	1,520	200	772	1,074	2,530	-	-	-	-	65	-	-	-	183	-	-	199	
<b>DOF Estimated Population</b>	18,111,759	7,094,881	3,053,111	2,188,098	888,873	765,750	738,394	660,057	508,281	413,609	418,965	262,928	243,043	215,599	178,724	146,690	141,929	-	34,813,770
MPO Estimated Population (if avail)	18,122,791	7,094,823	3,034,388	2,056,894	897,416	765,600	740,048	650,458	511,617	390,950	417,500	-	243,000	-	165,430	145,463	146,101	41,211	34,683,642
Difference	0.1%	(0.0%)	(0.6%)	(6.0%)	1.0%	(0.0%)	0.2%	(1.5%)	0.7%	(5.5%)	(0.3%)	-	(0.0%)	-	(7.4%)	(0.8%)	2.9%	-	(0.4%)
<b>SB 375 Weekday Per Capita Carbon Dioxide (lbs)</b>	21.0	21.0	26.1	23.0	18.7	22.0	-	20.5	18.6	20.6	17.1	-	21.4	-	23.6	17.7	24.5	30.1	21.5
Internal I-I	18.7	18.3	22.1	17.5	13.9	14.2	-	-	-	-	14.4	-	-	-	14.5	-	-	8.3	-
Interegional X-I, I-X	2.2	2.3	4.0	4.8	2.4	1.2	-	-	-	-	2.4	-	-	-	6.9	-	-	12.1	-
Through X-X	0.2	0.4	0.1	0.8	2.4	6.6	-	-	-	-	0.3	-	-	-	2.2	-	-	9.7	-

<sup>1</sup> Caltrans HPMS VMT estimate includes all vehicle classifications. SB 375 is only concerned with automobiles and light duty trucks. VMT reported by MPOs only includes vehicle classifications ARB considers subject to SB 375.

<sup>2</sup> the data report herein are extracted from SCAG 08 RTP and are subject to change once observed data is available.

<sup>3</sup> SACOG bases travel modeling on household transportation; group quartered population is not explicitly modeled, and assumed to be captured more in the employment (i.e. staff at retirement homes, prisons, etc.).

<sup>4</sup> The above numbers only reflect travel within Fresno County. Inter-regional traveling outside of Fresno County boundaries is yet to be included in the calculation. Some transportation measures such as carpool/Vanpool, ITS & ramp metering are not included either.

<sup>5</sup> Kern is unusual because of it's size and geography. Travel through Kern on I-5, 99 and 58 averages 70 miles per one-way trip accounting for 30% of all passenger travel in the region. In addition, Kern is twice the area of LA county with less than 1/20th the population. 2/3rds of Kern's population and employment reside in 5% of the 8,200 sq. mi. modeling area, and 2/3rds of employment growth is outside that area in strategic rural employment areas such as wind/solar energy areas, agriculture/dairy/ranching, food processing, distribution centers, oil production, military, aerospace testing, prisons, recreation, etc. These activities are not conducive for infill areas but are vital to the state's economy and the small environmental justice communities in these outlying areas.

<sup>6</sup> Although the 6 Valley MPOs (Kings, Madera, Merced, StanCOG, San Joaquin COG, Tulare) have submitted data with this request, the 6 Valley MPOs will submit final results to ARB separately from this submittal.

<sup>6</sup> Although the 6 Valley MPOs (Kings, Madera, Merced, StanCOG, San Joaquin COG, Tulare) have submitted data with this request, the 6 Valley MPOs will submit final results to ARB separately from this submittal.

<sup>7</sup> Santa Barbara used the adopted 2007 Regional Growth Forecast as basis for estimates in this table. The current RTP (adopted 2009), is based on the 2002 Regional Growth Forecast.

<sup>8</sup> Statewide summations only include MPO's where Weekday CO<sub>2</sub> emission are available.

**Source:**  
**HPMS:** 2005 California Public Road Data. Table 6.  
<http://www.dot.ca.gov/hq/tsip/hpms/hpmslibrary/hpmspdf/2005PRD.pdf>

**Population:** State of California, Department of Finance, California County Population Estimates and Components of Change by Year, July 1, 2000-2009. Sacramento, California, December 2009.  
[http://www.dof.ca.gov/research/demographic/reports/estimates/e-2/2000-09/documents/E-2\\_Report.xls](http://www.dof.ca.gov/research/demographic/reports/estimates/e-2/2000-09/documents/E-2_Report.xls)

2020 Base Scenario

**Table 2: SB 375 2020 Estimate**

Weekday Vehical Miles Traveled and Weekday Carbon Dioxide are reported from Emfac2007 for LDA, LDT1, LDT2, and MDV vehicle classifications.

Weekday Vehical Miles Traveled and Weekday Carbon Dioxide are reported from Emfac2007 for LDA, LDT1, LDT2, and MDV vehicle classifications.

Base Year Scenario (2020)	Metropolitan Planning Organization										Metropolitan Planning Organizations								
	SCAG <sup>2</sup>	MTC/ABAG	SANDAG	SACOG <sup>3</sup>	Fresno <sup>4</sup>	Kern <sup>5</sup>	AMBAG	SJCOG <sup>6</sup>	StanCOG <sup>6</sup>	Tulare <sup>6</sup>	SBCAG <sup>7</sup>	SLOCOG	Merced <sup>6</sup>	BCAG	Shasta	Kings <sup>6</sup>	Madera <sup>6</sup>	Tahoe	Total <sup>8</sup>
<b>Total Weekday Vehicle Miles Traveled (000s)</b>	485,794	175,517	99,840	73,848	27,263	30,223	-	19,896	14,156	13,237	10,934	-	10,866	-	7,084	4,990	7,345	1,896	982,889
<b>SB 375 Weekday Vehicle Mile Traveled (000s)</b>	444,476	164,574	92,655	64,345	22,818	21,821	-	17,315	12,038	11,314	9,826	-	8,380	-	5,759	3,653	5,960	1,728	886,662
Internal I-I	378,605	141,781	79,035	51,887	16,069	13,792	-	-	-	-	8,087	-	-	-	3,397	-	-	477	-
Interregional X-I, I-X	61,827	19,253	13,157	10,585	3,273	1,174	-	-	-	-	1,552	-	-	-	1,801	-	-	697	-
Through X-X	4,045	3,540	463	1,873	3,476	6,855	-	-	-	-	187	-	-	-	562	-	-	554	-
<b>Percentage of Total Vehicle Miles Travelled</b>	91.5%	93.8%	92.8%	87.1%	83.7%	72.2%	-	87.0%	85.0%	85.5%	89.9%	-	77.1%	-	81.3%	73.2%	81.1%	91.1%	90.2%
<b>Weekday Carbon Dioxide (tons = 2000lbs)</b>	213,078	79,710	46,430	30,220	10,699	11,140	-	8,175	5,940	5,396	4,177	-	4,035	-	2,810	1,720	2,783	673	426,986
Internal I-I	181,500	68,590	39,605	24,369	7,534	7,080	-	-	-	-	3,437	-	-	-	1,657	-	-	186	-
Interregional X-I, I-X	29,639	9,393	6,593	4,971	1,535	560	-	-	-	-	660	-	-	-	879	-	-	271	-
Through X-X	1,939	1,727	232	880	1,630	3,500	-	-	-	-	80	-	-	-	274	-	-	216	-
<b>DOF Estimated Population</b>	21,416,262	7,975,241	3,550,714	2,767,408	1,201,792	1,086,113	847,914	965,094	699,144	599,117	459,498	293,540	348,690	281,442	224,386	205,707	212,874	-	41,712,040
MPO Estimated Population (if avail)	21,462,750	8,018,008	3,635,855	2,733,500	1,131,430	1,010,800	-	809,685	632,623	547,423	459,600	-	331,000	-	214,734	205,914	224,567	48,042	41,465,931
Difference	0.2%	0.5%	2.4%	(1.2%)	(5.9%)	(6.9%)	-	(16.1%)	(9.5%)	(8.6%)	0.0%	-	(5.1%)	-	(4.3%)	0.1%	5.5%	-	(0.6%)
<b>SB 375 Weekday Per Capita Carbon Dioxide (lbs)</b>	19.9	19.9	25.5	22.1	18.9	22.0	-	20.2	18.8	19.7	18.2	-	24.4	-	26.2	16.7	24.8	28.0	20.6
Internal I-I	16.9	17.1	21.8	17.8	13.3	14.0	-	-	-	-	15.0	-	-	-	15.4	-	-	7.7	-
Interegional X-I, I-X	2.8	2.3	3.6	3.6	2.7	1.1	-	-	-	-	2.9	-	-	-	8.2	-	-	11.3	-
Through X-X	0.2	0.4	0.1	0.6	2.9	6.9	-	-	-	-	0.3	-	-	-	2.6	-	-	9.0	-

<sup>2</sup> the data report herein are extracted from SCAG 08 RTP and are subject to change once observed data is available.

<sup>3</sup> SACOG bases travel modeling on household transportation; group quartered population is not explicitly modeled, and assumed to be captured more in the employment (i.e. staff at retirement homes, prisons, etc.).

<sup>4</sup> The above numbers only reflect travel within Fresno County. Inter-regional traveling outside of Fresno County boundaries is yet to be included in the calculation. Some transportation measures such as carpool/Vanpool, ITS & ramp metering are not included either.

<sup>5</sup> Kern is unusual because of its size and geography. Travel through Kern on I-5, 99 and 58 averages 70 miles per one-way trip accounting for 30% of all passenger travel in the region. In addition, Kern is twice the area of LA county with less than 1/20th the population. 2/3rds of Kern's population and employment reside in 5% of the 8,200 sq. mi. modeling area, and 2/3rds of employment growth is outside that area in strategic rural employment areas such as wind/solar energy areas, agriculture/dairy/ranching, food processing, distribution centers, oil production, military, aerospace testing, prisons, recreation, etc. These activities are not conducive for infill areas but are vital to the state's economy and the small environmental justice communities in these outlying areas.

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<sup>8</sup> Statewide summations only include MPO's where Weekday CO<sub>2</sub> emission are available.

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<http://www.dot.ca.gov/hq/tsip/hpms/hpmslibrary/hpmspdf/2005PRD.pdf>

**Population:** State of California, Department of Finance, California County Population Estimates and Components of Change by Year

Tons Conversion  
 Annualized Factor      **2000**  
    **347**

2035 Base Scenario

**Table 3: SB 375 2035 Estimate**

Weekday Vehical Miles Traveled and Weekday Carbon Dioxide are reported from Emfac2007 for LDA, LDT1, LDT2, and MDV vehicle classifications.

Weekday Vehical Miles Traveled and Weekday Carbon Dioxide are reported from Emfac2007 for LDA, LDT1, LDT2, and MDV vehicle classifications.

Bold=Normalized Auto Operating Cost Assumptions	Metropolitan Planning Organization										Metropolitan Planning Organizations								
	SCAG <sup>2</sup>	MTC/ABAG	SANDAG	SACOG <sup>3</sup>	Fresno <sup>4</sup>	Kern <sup>5</sup>	AMBAG	SJCOG <sup>6</sup>	StanCOG <sup>6</sup>	Tulare <sup>6</sup>	SBCAG <sup>7</sup>	SLOCOG	Merced <sup>6</sup>	BCAG	Shasta (2030)	Kings <sup>6</sup>	Madera <sup>6</sup>	Tahoe	Total <sup>8</sup>
<b>Base Year Scenario (2035)</b>																			
<b>Total Weekday Vehicle Miles Traveled (000s)</b>	551,423	199,378	111,678	87,775	34,561	41,758	25,679	24,375	17,438	18,627	11,442	9,127	16,153	6,920	8,234	6,464	9,465	2,858	1,157,676
<b>SB 375 Weekday Vehicle Mile Traveled (000s)</b>	501,358	187,291	103,858	75,617	29,312	30,916	25,679	21,266	14,863	15,465	10,271	9,127	12,564	5,986	6,775	4,759	7,705	2,614	1,039,747
Internal I-I	413,470	160,993	87,760	61,408	20,311	20,321	12,173	-	-	-	8,214	4,893	-	4,456	3,966	-	-	722	
Interregional X-I, I-X	82,273	22,214	15,579	11,909	4,285	1,502	9,985	-	-	-	1,826	3,777	-	1,276	2,142	-	-	1,054	
Through X-X	5,615	4,084	519	2,300	4,716	9,093	3,521	-	-	-	231	457	-	254	668	-	-	838	
<b>Percentage of Total Vehicle Miles Traveled</b>	90.9%	93.9%	93.0%	86.1%	84.8%	74.0%	100.0%	87.2%	85.2%	83.0%	89.8%	100.0%	77.8%	86.5%	82.3%	73.6%	81.4%	91.5%	89.8%
<b>Weekday Carbon Dioxide (tons = 2000lbs)</b>	242,698	92,223	51,920	35,210	13,796	15,660	-	9,903	7,095	7,340	4,365	3,714	6,117	1,796	3,260	2,820	2,282	887	501,086
Internal I-I	200,153	79,274	43,872	28,594	9,559	10,320	-	-	-	-	3,491	2,018	-	1,337	1,908	-	-	245	
Interregional X-I, I-X	39,827	10,938	7,788	5,545	2,017	710	-	5,545	2,017	-	776	1,514	-	383	1,031	-	-	358	
Through X-X	2,718	2,011	260	1,071	2,220	4,630	-	-	-	-	98	183	-	76	321	-	-	284	
<b>DOF Estimated Population</b>	24,333,142	9,101,274	4,100,681	3,376,408	1,547,582	1,523,934	981,068	1,337,242	933,559	809,789	497,647	327,514	489,116	361,278	260,179	274,576	309,327	-	49,583,248
MPO Estimated Population (if avail)	24,049,676	9,073,700	3,984,753	3,349,000	1,418,887	1,321,000	920,713	989,774	767,836	700,840	487,000	330,800	465,000	346,818	214,734	275,476	313,250	55,447	48,143,991
Difference	(1.2%)	(0.3%)	(2.8%)	(0.8%)	(8.3%)	(13.3%)	(6.2%)	(26.0%)	(17.8%)	(13.5%)	(2.1%)	1.0%	(4.9%)	(4.0%)	(17.5%)	0.3%	1.3%		(2.9%)
<b>SB 375 Weekday Per Capita Carbon Dioxide (lbs)</b>	20.2	20.3	26.1	21.0	19.4	23.7	-	20.0	18.5	20.9	17.9	22.5	26.3	10.4	30.4	20.5	14.6	32.0	20.8
Internal I-I	16.6	17.5	22.0	17.1	13.5	15.6	-	-	-	-	14.3	12.2	-	7.7	17.8	-	-	8.8	
Interegional X-I, I-X	3.3	2.4	3.9	3.3	2.8	1.1	-	-	-	-	3.2	9.2	-	2.2	9.6	-	-	12.9	
Through X-X	0.2	0.4	0.1	0.6	3.1	7.0	-	-	-	-	0.4	1.1	-	0.4	3.0	-	-	10.2	

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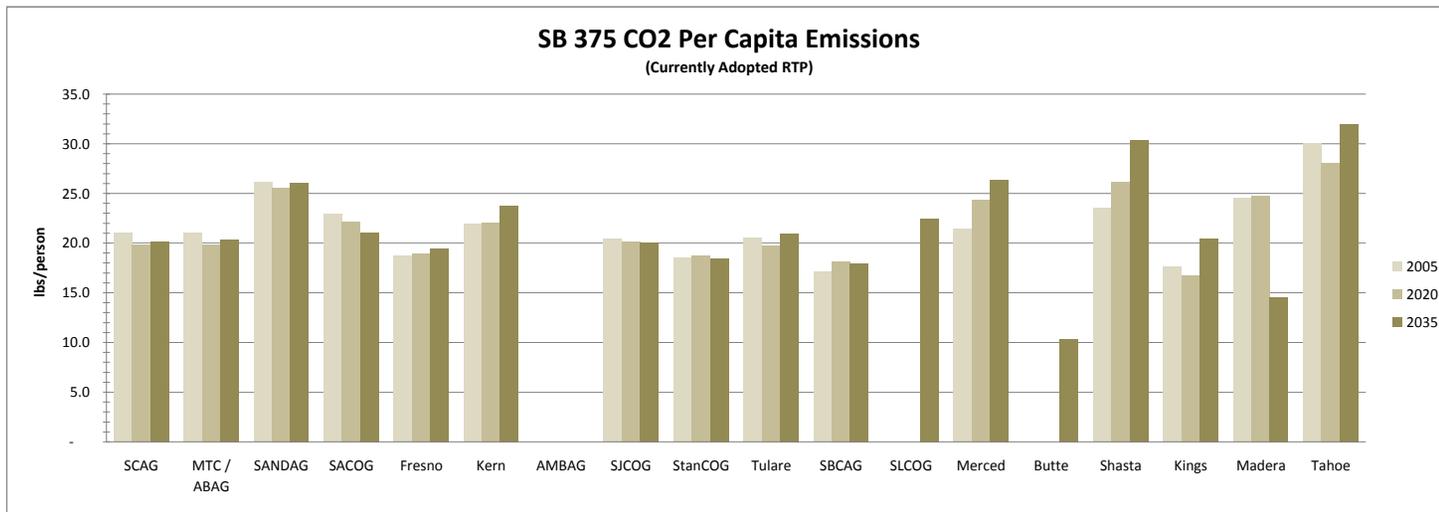
**Source:**  
**HPMS:** 2005 California Public Road Data. Table 6.  
<http://www.dot.ca.gov/hq/tsip/hpms/hpmslibrary/hpmspdf/2005PRD.pdf>

**Population:** State of California, Department of Finance, California County Population Estimates and Components of Change by Year

Charts

**Table 1**  
CO2 Per Capita Emissions in Current RTP  
(Common Fuel Price and Auto Maintenance Costs)

	SCAG	MTC / ABAGSANDAG	SACOG	Fresno	Kern	AMBAG	SJCOG	StanCOG	Tulare	SBCAG	SLCOG	Merced	Butte	Shasta	Kings	Madera	Tahoe	Total	
2005	21.0	21.0	26.1	23.0	18.7	22.0	-	20.5	18.6	20.6	17.1	-	21.4	-	23.6	17.7	24.5	30.1	21.5
2020	19.9	19.9	25.5	22.1	18.9	22.0	-	20.2	18.8	19.7	18.2	-	24.4	-	26.2	16.7	24.8	28.0	20.6
2035	20.2	20.3	26.1	21.0	19.4	23.7	-	20.0	18.5	20.9	17.9	22.5	26.3	10.4	30.4	20.5	14.6	32.0	20.8



**Fresno County Base Year Scenario (2005)**

		SB375 Per Capita GHG		
		GhG for all trips (tons)	RTAC GhG* (SANDAG Methodology)	RTAC GhG (Fresno COG Methodology **)
Weekday Carbon Dioxide (tons = 2000lbs)				
Internal (I-I)		6,237		
Interregional(I-X,X-I)		1,091		
Through(X-X)		1,074		
Sum		8,401	6,782	6,706.15
Fresno Population	897416			
	Per capita emission (pounds)	18.72	15.12	14.95

**Fresno County Base Year Scenario (2020)**

		SB375 Per Capita GHG		
		GhG for all trips (tons)	RTAC GhG* (SANDAG Methodology)	RTAC GhG (Fresno COG Methodology **)
Weekday Carbon Dioxide (tons = 2000lbs)				
Internal (I-I)		7,534		
Interregional(I-X,X-I)		1,535		
Through(X-X)		1,630		
Sum		10,699	8301	8,207.45
Fresno Population	1,131,430			
	Per capita emission (pounds)	18.91	14.67	14.51

**Fresno County Base Year Scenario (2035)**

		SB375 Per Capita GHG		
		GhG for all trips (tons)	RTAC GhG* (SANDAG Methodology)	RTAC GhG (Fresno COG Methodology **)
Weekday Carbon Dioxide (tons = 2000lbs)				
Internal (I-I)		9,559		
Interregional(I-X,X-I)		2,017		
Through(X-X)		2,220		
Sum		13,795	10,567	10,426.41
Fresno Population	1,418,887			
	Per capita emission (pounds)	19.44	14.89	14.70

\* RTAC GhG means GhG from all internal trips and 50% of internal/external trips

\*\* Fresno COG methodology excludes vmt from all XX and 50% of IXXI trips when EMFAC is run. VMT by speed bins were produced based on I-I and 50% of IXXI trips

Note: The above numbers reflects GHG from II, and 50% of IX&XI within Fresno County. VMT of IX&XI from outside of Fresno County boundaries is yet to be included in the calculation. Some transportation measures such as carpool/Vanpool, ITS & ramp metering are not included either.

**YEAR: 2005**

	SCAG		ABAG			SACOG			AMBAG		
	DOF	MPO	DOF	MPO	DOF	MPO	DOF	MPO	DOF	MPO	
Imperial	163,026	164,109	Alameda	1,501,094	El Dorado	147,707	154,468	Monterey	420,832		
Los Angeles	10,185,761	10,206,001	Contra Costa	1,021,617	Placer	313,935	299,872	San Benito	57,070		
Orange	3,055,514	3,059,952	Marin	252,348	Sacramento	1,378,518	1,283,234	Santa Cruz	260,492		
Riverside	1,923,652	1,931,332	Napa	132,793	Sutter	90,044	80,802				
San Bernardino	1,971,932	1,971,318	San Francisco	810,052	Yolo	189,341	172,872				
Ventura	811,874	814,052	San Mateo	721,128	Yuba	68,553	65,646				
			Santa Clara	1,759,688							
			Solano	419,756							
			Sonoma	476,405							
<b>Total</b>	<b>18,111,759</b>	<b>18,146,764</b>	<b>Total</b>	<b>7,094,881</b>	<b>Total</b>	<b>2,188,098</b>	<b>2,056,894</b>	<b>Total</b>	<b>738,394</b>		

\* SACOG includes partial of Placer and El Dorado

Source:

State of California, Department of Finance, California County Population Estimates and Components of Change by Year, July 1, 2000-2009. Sacramento, California, December 2009.  
[http://www.dof.ca.gov/research/demographic/reports/estimates/e-2/2000-09/documents/E-2\\_Report.xls](http://www.dof.ca.gov/research/demographic/reports/estimates/e-2/2000-09/documents/E-2_Report.xls)

**YEAR: 2020**

	SCAG		ABAG			SACOG			AMBAG		
	DOF	MPO	DOF	MPO	DOF	MPO	DOF	MPO	DOF	MPO	
Imperial	239,149		Alameda	1,663,481	El Dorado	221,140		Monterey	476,642		
Los Angeles	11,214,237		Contra Costa	1,237,544	Placer	428,535		San Benito	83,792		
Orange	3,520,265		Marin	260,305	Sacramento	1,622,306		Santa Cruz	287,480		
Riverside	2,904,848		Napa	165,786	Sutter	141,159					
San Bernardino	2,581,371		San Francisco	844,466	Yolo	245,052					
Ventura	956,392		San Mateo	761,455	Yuba	109,216					
			Santa Clara	1,992,805							
			Solano	503,248							
			Sonoma	546,151							
<b>Total</b>	<b>21,416,262</b>	<b>-</b>	<b>Total</b>	<b>7,975,241</b>	<b>Total</b>	<b>2,767,408</b>	<b>-</b>	<b>Total</b>	<b>847,914</b>		

\* SACOG includes partial of Placer and El Dorado

**YEAR: 2035**

	SCAG		ABAG			SACOG			AMBAG		
	DOF	MPO	DOF	MPO	DOF	MPO	DOF	MPO	DOF	MPO	
Imperial	308,874		Alameda	1,859,035	El Dorado	264,425		Monterey	556,376		
Los Angeles	12,217,857		Contra Costa	1,515,284	Placer	568,471		San Benito	113,150		
Orange	3,780,688		Marin	279,914	Sacramento	1,897,129		Santa Cruz	311,542		
Riverside	3,799,853		Napa	205,004	Sutter	205,234					
San Bernardino	3,133,313		San Francisco	857,194	Yolo	288,807					
Ventura	1,092,557		San Mateo	798,173	Yuba	152,342					
			Santa Clara	2,304,057							
			Solano	642,563							
			Sonoma	640,050							
<b>Total</b>	<b>24,333,142</b>	<b>-</b>	<b>Total</b>	<b>9,101,274</b>	<b>Total</b>	<b>3,376,408</b>	<b>-</b>	<b>Total</b>	<b>981,068</b>		

\* SACOG includes partial of Placer and El Dorado

Multi-County MPO VMT

	SCAG			MTC			SACOG			AMBAG	
	HPMS	MPO		HPMS	MPO		HPMS	MPO		HPMS	MPO
Imperial	5,226		Alameda	39,233		El Dorado	4,636		Monterey	9,876	
Los Angeles	217,767		Contra Costa	23,382		Placer	9,534		San Benito	1,445	
Orange	71,569		Marin	8,028		Sacramento	32,145		Santa Cruz	5,648	
Riverside	51,948		Napa	3,165		Sutter	2,374				
San Bernardino	57,809		San Francisco	9,097		Yolo	5,683				
Ventura	18,154		San Mateo	18,760		Yuba	1,849				
			Santa Clara	40,849							
			Solano	13,014							
			Sonoma	10,658							
Total	422,473	-	Total	166,186		Total	56,219	-	Total	16,968	-

\* SACOG includes partial of Placer and El Dorado

Source:  
 State of California, Department of Finance, California County Population Estimates and Components of Change by Year, July 1, 2000-2009. Sacramento, California, December 2009.  
 <<http://www.dof.ca.gov/research/demographic/reports/estimates/e-2/2000-0>

Fuel Sales

SCAG		MTC		SACOG		AMBAG	
	BOE		BOE		BOE		BOE
Imperial	52.29	Alameda	534.03	El Dorado	84.50	Monterey	184.49
Los Angeles	3,565.30	Contra Costa	462.63	Placer	200.88	San Benito	21.08
Orange	1,298.11	Marin	107.16	Sacramento	526.96	Santa Cruz	99.65
Riverside	856.29	Napa	49.40	Sutter	38.28		
San Bernardino	879.80	San Francisco	166.62	Yolo	85.62		
Ventura	318.48	San Mateo	318.25	Yuba	31.85		
		Santa Clara	647.89				
		Solano	202.85				
		Sonoma	215.82				
Total	6,970.27	Total	2,704.65	Total	968.09	Total	305.22

\* SACOG includes partial of Placer and El Dorado

Source:  
 State of California, Department of Finance, California County Population  
 Estimates and Components of Change by Year, July 1, 2000-2009.  
 Sacramento, California, December 2009.