

Performance Measure Summary - San Francisco-Oakland CA

There are several inventory and performance measures listed in the pages of this Urban Area Report for the years from 1982 to 2020. There is no single performance measure that experts agree "says it all". A few key points should be recognized by users of the Urban Mobility Scorecard data.

Use the trends - The multi-year performance measures are better indicators, in most cases, than any single year. Examining a few measures over many years reduces the chance that data variations or the estimating procedures may have caused a "spike" in any single year. (5 years is 5 times better than 1 year.)

Use several measures - Each performance measure illustrates a different element of congestion. (The view is more interesting from atop several measures.)

Compare to similar regions - Congestion analyses that compare areas with similar characteristics (for example, population, growth rate, road and public transportation system design) are usually more insightful than comparisons of different regions. (Los Angeles is not Peoria.)

Compare ranking changes and performance measure values - In some performance measures, a small change in the value may cause a significant change in rank from one year to the next. This is the case when there are several regions with nearly the same value. (15 hours is only 1 hour more than 14 hours.)

Consider the scope of improvement options - Any improvement project in a corridor within most of the regions will only have a modest effect on the regional congestion level. (To have an effect on areawide congestion, there must be significant change in the system or service.)

Performance Measures and Definition of Terms

Travel Time Index - A measure of congestion that focuses on each trip and each mile of travel. It is calculated as the ratio of travel time in the peak period to travel time in free-flow. A value of 1.30 indicates that a 20-minute free-flow trip takes 26 minutes in the peak.

Planning Time Index - A travel time reliability measure that represents the total travel time that should be planned for a trip. Computed with the 95th percentile travel time it represents the amount of time that should be planned for a commute trip to be late for only 1 day a month. If it is computed with the 80th percentile travel time it represents the amount of time that should be planned for a trip to be late for only 1 day a week. A PTI of 2.00 means that for a 20-minute trip in light traffic, 40 minutes should be planned.

Peak Commuters - Number of travelers who begin a trip during the morning or evening peak travel periods (6 to 10 a.m. and 3 to 7 p.m.). "Commuters" are private vehicle users unless specifically noted.

Annual Delay per Commuter - A yearly sum of all the per-trip delays for those persons who travel in the peak period (6 to 10 a.m. and 3 to 7 p.m.). This measure illustrates the effect of traffic slowdowns as well as the length of each trip.

Total Delay - The overall size of the congestion problem. Measured by the total travel time above that needed to complete a trip at free-flow speeds. The ranking of total delay usually follows the population ranking (larger regions usually have more delay).

Free-Flow Speeds - These values are derived from time periods with lighter traffic volumes in the INRIX speed database. They are used as the national comparison thresholds. Other speed thresholds may be appropriate for urban project evaluations or sub-region studies.

Excess Fuel Consumed - Increased fuel consumption due to travel in congested conditions rather than free-flow conditions.

Congestion Cost - Value of travel delay for 2020 (estimated at \$20.17 per hour of person travel and \$55.24 per hour of truck time) and excess fuel consumption estimated using state average cost per gallon.

Urban Area - The developed area (population density more than 1,000 persons per square mile) within a metropolitan region. The urban area boundaries change frequently (every year for most growing areas), so increases include both new growth and development that was previously in areas designated as rural.

Number of Rush Hours - Time when the road system might have congestion.

Annual Greenhouse Gases (CO₂) Produced - Tons of CO₂ produced from all vehicle travel.

Excess Greenhouse Gases (CO₂) Produced due to Congestion - Tons of CO₂ produced due to congested portion of travel. The excess CO₂ is a subset of the total CO₂ produced.

Mobility Data for San Francisco-Oakland CA

Inventory Measures	2020	2019	2018	2017	2016	2015
Urban Area Information						
Population (1000s)	3,550	3,550	3,545	3,540	3,520	3,500
Rank	13	13	13	13	13	13
Commuters (1000s)	1,299	1,299	1,297	1,295	1,284	1,274
Daily Vehicle-Miles of Travel (1000s)						
Freeway	27,433	38,048	39,368	39,755	39,755	38,656
Arterial Streets	14,912	20,683	20,869	20,843	21,002	21,367
Cost Components						
Value of Time (\$/hour)	20.17	19.14	18.71	18.12	17.91	17.69
Commercial Cost (\$/hour)	55.24	61.03	54.71	52.14	50.20	46.87
Gasoline (\$/gallon)	3.43	3.70	3.72	2.96	2.78	3.18
Diesel (\$/gallon)	3.80	3.95	4.03	2.95	2.68	2.86
System Performance	2020	2019	2018	2017	2016	2015
Congested Travel (% of peak VMT)	--	--	--	52.3	--	--
Congested System (% of lane-miles)	--	--	--	35.8	--	--
Congested Time (number of "Rush Hours")	--	--	--	6.5	--	--
Annual Excess Fuel Consumed						
Total Fuel (1000 gallons)	40,915	92,997	92,004	91,037	89,734	88,894
Rank	9	8	8	7	7	7
Fuel per Peak Auto Commuter (gallons)	17	40	39	39	37	37
Rank	4	2	2	1	1	1
Annual Delay						
Total Delay (1000s of person-hours)	112,507	255,724	254,442	253,838	250,205	245,689
Rank	8	7	6	5	5	5
Delay per Auto Commuter (pers-hrs)	46	103	103	103	102	101
Rank	4	3	2	2	2	2
Travel Time Index	1.16	1.51	1.51	1.50	1.50	1.49
Rank	2	2	2	2	1	1
Commuter Stress Index	1.18	1.65	1.63	1.62	--	--
Rank	3	2	2	2	--	--
Freeway Planning Time Index (95th Pctile)	--	2.60	2.54	2.69	--	--
Rank	--	1	2	2	--	--
Congestion Cost						
Total Cost (\$ millions)	2,604	5,775	5,664	5,513	5,340	5,186
Rank	7	5	5	5	5	5
Cost per Auto Commuter (\$)	1,301	2,886	2,834	2,763	2,739	2,675
Rank	2	1	2	2	2	2
Truck Congestion						
Annual Person-Hours of Delay (000)	6,724	13,453	13,288	12,961	12,776	12,545
Rank	5	4	4	4	4	4
Annual Gallons of Wasted Fuel (000)	10,591	21,190	20,516	20,148	19,860	19,674
Rank	6	4	5	5	5	5
Annual Congestion Cost (\$ million)	366	814	742	688	650	603
Rank	5	4	4	4	4	4
Annual Greenhouse Gases (CO2) Produced						
Excess Due to Congestion (tons)	412,227	936,974	--	--	--	--
Rank	9	8	--	--	--	--
Due to All Travel (tons)	4,967,391	11,290,657	--	--	--	--
Rank	18	13	--	--	--	--
Truck Annual Greenhouse Gases (CO2) Produced						
Excess Due to Truck Congestion (tons)	116,506	233,105	--	--	--	--
Rank	6	6	--	--	--	--
Due to Truck Travel (tons)	1,282,858	2,566,738	--	--	--	--
Rank	19	16	--	--	--	--

* Note: Zeroes in the table reflect values less than 0.5.

Mobility Data for San Francisco-Oakland CA

Inventory Measures	2014	2013	2012	2011	2010	2009
Urban Area Information						
Population (1000s)	3,480	3,470	3,440	3,410	3,400	3,375
Rank	13	13	13	13	13	13
Commuters (1000s)	1,264	1,278	1,267	1,253	1,245	1,233
Daily Vehicle-Miles of Travel (1000s)						
Freeway	28,102	27,612	27,500	27,300	27,220	27,100
Arterial Streets	21,700	23,900	23,720	23,690	23,620	23,600
Cost Components						
Value of Time (\$/hour)	17.67	17.39	17.14	16.79	16.28	16.01
Commercial Cost (\$/hour)	44.82	41.23	39.66	44.62	42.50	41.83
Gasoline (\$/gallon)	3.63	3.89	3.89	3.51	3.05	2.61
Diesel (\$/gallon)	3.85	4.12	4.20	4.02	3.20	2.71
System Performance	2014	2013	2012	2011	2010	2009
Congested Travel (% of peak VMT)	--	--	--	--	--	--
Congested System (% of lane-miles)	--	--	--	--	--	--
Congested Time (number of "Rush Hours")	--	--	--	--	--	--
Annual Excess Fuel Consumed						
Total Fuel (1000 gallons)	87,793	86,004	84,536	80,341	79,587	79,194
Rank	8	8	8	7	7	7
Fuel per Peak Auto Commuter (gallons)	36	35	35	33	33	31
Rank	1	1	1	3	3	3
Annual Delay						
Total Delay (1000s of person-hours)	240,496	233,493	227,441	214,189	208,286	203,385
Rank	5	5	5	6	6	6
Delay per Auto Commuter (pers-hrs)	99	97	95	93	90	88
Rank	2	2	2	2	2	3
Travel Time Index	1.48	1.46	1.44	1.43	1.41	1.41
Rank	1	2	2	2	2	2
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	5,104	4,877	4,681	4,358	4,071	3,881
Rank	5	5	5	6	6	5
Cost per Auto Commuter (\$)	2,606	2,556	2,520	2,450	2,456	2,441
Rank	1	1	1	2	2	2
Truck Congestion						
Annual Person-Hours of Delay (000)	12,280	11,923	11,614	10,937	10,635	10,385
Rank	4	4	4	4	4	4
Annual Gallons of Wasted Fuel (000)	19,430	19,034	18,709	17,781	17,614	17,527
Rank	5	5	4	4	4	4
Annual Congestion Cost (\$ million)	588	538	509	527	478	452
Rank	4	4	4	4	4	4
Annual Greenhouse Gases (CO2) Produced						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Truck Annual Greenhouse Gases (CO2) Produced						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

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Mobility Data for San Francisco-Oakland CA

Inventory Measures	2008	2007	2006	2005	2004	2003
Urban Area Information						
Population (1000s)	3,360	3,330	3,300	3,320	3,330	3,350
Rank	13	13	13	12	12	12
Commuters (1000s)	1,223	1,210	1,197	1,202	1,201	1,203
Daily Vehicle-Miles of Travel (1000s)						
Freeway	27,000	27,100	28,500	28,300	28,100	27,900
Arterial Streets	23,500	24,200	24,900	24,700	24,500	24,300
Cost Components						
Value of Time (\$/hour)	16.07	15.47	15.06	14.58	14.10	13.73
Commercial Cost (\$/hour)	40.77	39.30	37.88	36.51	35.19	33.92
Gasoline (\$/gallon)	3.84	3.24	2.88	2.62	2.28	1.78
Diesel (\$/gallon)	4.39	3.60	3.17	2.93	2.27	1.79
System Performance	2008	2007	2006	2005	2004	2003
Congested Travel (% of peak VMT)	--	--	--	--	--	--
Congested System (% of lane-miles)	--	--	--	--	--	--
Congested Time (number of "Rush Hours")	--	--	--	--	--	--
Annual Excess Fuel Consumed						
Total Fuel (1000 gallons)	82,530	83,317	82,841	81,662	79,695	78,095
Rank	7	6	6	6	6	6
Fuel per Peak Auto Commuter (gallons)	32	33	34	32	32	32
Rank	3	1	1	2	1	1
Annual Delay						
Total Delay (1000s of person-hours)	201,857	203,783	202,619	199,735	194,924	191,009
Rank	5	5	5	5	5	5
Delay per Auto Commuter (pers-hrs)	86	86	85	83	82	81
Rank	2	2	2	2	2	2
Travel Time Index	1.42	1.41	1.41	1.40	1.39	1.38
Rank	2	2	2	2	2	2
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	3,981	3,826	3,674	3,491	3,267	3,078
Rank	5	5	5	5	5	5
Cost per Auto Commuter (\$)	2,401	2,519	2,573	2,620	2,646	2,662
Rank	2	1	2	2	2	1
Truck Congestion						
Annual Person-Hours of Delay (000)	10,307	10,406	10,346	10,199	9,953	9,753
Rank	4	4	4	4	4	4
Annual Gallons of Wasted Fuel (000)	18,265	18,439	18,334	18,073	17,638	17,283
Rank	4	4	4	4	4	4
Annual Congestion Cost (\$ million)	473	448	424	400	366	339
Rank	4	4	4	4	4	4
Annual Greenhouse Gases (CO2) Produced						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Truck Annual Greenhouse Gases (CO2) Produced						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

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Mobility Data for San Francisco-Oakland CA

Inventory Measures	2002	2001	2000	1999	1998	1997
Urban Area Information						
Population (1000s)	3,370	3,380	3,350	3,340	3,320	3,310
Rank	12	12	12	12	12	12
Commuters (1000s)	1,194	1,179	1,149	1,130	1,107	1,087
Daily Vehicle-Miles of Travel (1000s)						
Freeway	27,600	27,200	26,800	26,600	26,200	25,900
Arterial Streets	24,100	24,000	23,800	23,600	23,300	23,100
Cost Components						
Value of Time (\$/hour)	13.43	13.22	12.85	12.43	12.17	11.98
Commercial Cost (\$/hour)	32.69	31.51	30.38	29.28	28.89	28.50
Gasoline (\$/gallon)	1.66	1.93	1.72	1.59	1.27	1.40
Diesel (\$/gallon)	1.58	1.78	1.68	1.50	1.39	1.51
System Performance	2002	2001	2000	1999	1998	1997
Congested Travel (% of peak VMT)	--	--	--	--	--	--
Congested System (% of lane-miles)	--	--	--	--	--	--
Congested Time (number of "Rush Hours")	--	--	--	--	--	--
Annual Excess Fuel Consumed						
Total Fuel (1000 gallons)	76,605	76,040	74,772	73,019	71,445	69,317
Rank	6	6	6	6	6	5
Fuel per Peak Auto Commuter (gallons)	30	30	29	29	28	28
Rank	1	1	1	1	1	1
Annual Delay						
Total Delay (1000s of person-hours)	187,366	185,983	182,881	178,594	174,745	169,541
Rank	5	5	5	4	4	4
Delay per Auto Commuter (pers-hrs)	81	80	79	78	78	77
Rank	2	2	2	2	2	2
Travel Time Index	1.38	1.38	1.38	1.38	1.37	1.37
Rank	2	2	2	2	2	2
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	2,941	2,890	2,750	2,590	2,465	2,366
Rank	5	5	4	4	4	4
Cost per Auto Commuter (\$)	2,668	2,683	2,713	2,737	2,741	2,700
Rank	1	1	1	1	1	1
Truck Congestion						
Annual Person-Hours of Delay (000)	9,567	9,496	9,338	9,119	8,922	8,657
Rank	4	4	4	4	4	4
Annual Gallons of Wasted Fuel (000)	16,954	16,829	16,548	16,160	15,812	15,341
Rank	4	4	4	4	4	4
Annual Congestion Cost (\$ million)	318	308	292	273	262	253
Rank	4	4	4	4	4	4
Annual Greenhouse Gases (CO2) Produced						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Truck Annual Greenhouse Gases (CO2) Produced						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

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Mobility Data for San Francisco-Oakland CA

Inventory Measures	1996	1995	1994	1993	1992	1991
Urban Area Information						
Population (1000s)	3,300	3,290	3,280	3,270	3,270	3,220
Rank	11	10	10	10	10	10
Commuters (1000s)	1,066	1,046	1,030	1,011	995	964
Daily Vehicle-Miles of Travel (1000s)						
Freeway	25,700	25,200	24,900	24,600	24,000	23,800
Arterial Streets	22,900	22,700	22,400	22,100	21,800	21,400
Cost Components						
Value of Time (\$/hour)	11.71	11.37	11.06	10.78	10.47	10.17
Commercial Cost (\$/hour)	28.12	27.75	27.38	27.02	26.66	26.30
Gasoline (\$/gallon)	1.21	1.27	1.16	1.23	1.28	1.11
Diesel (\$/gallon)	1.24	1.31	1.19	1.26	1.25	1.25
System Performance	1996	1995	1994	1993	1992	1991
Congested Travel (% of peak VMT)	--	--	--	--	--	--
Congested System (% of lane-miles)	--	--	--	--	--	--
Congested Time (number of "Rush Hours")	--	--	--	--	--	--
Annual Excess Fuel Consumed						
Total Fuel (1000 gallons)	67,935	65,409	62,905	60,198	57,951	55,208
Rank	5	5	4	4	4	4
Fuel per Peak Auto Commuter (gallons)	28	26	25	24	23	22
Rank	1	1	1	1	1	1
Annual Delay						
Total Delay (1000s of person-hours)	166,161	159,983	153,857	147,236	141,739	135,033
Rank	4	4	4	4	4	4
Delay per Auto Commuter (pers-hrs)	76	75	73	72	70	68
Rank	2	2	2	2	2	2
Travel Time Index	1.37	1.36	1.35	1.34	1.33	1.32
Rank	2	2	2	2	2	2
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	2,256	2,119	1,980	1,855	1,742	1,609
Rank	4	4	4	4	4	4
Cost per Auto Commuter (\$)	2,712	2,691	2,664	2,618	2,598	2,554
Rank	1	1	1	1	1	1
Truck Congestion						
Annual Person-Hours of Delay (000)	8,485	8,169	7,856	7,518	7,237	6,894
Rank	3	3	3	3	3	3
Annual Gallons of Wasted Fuel (000)	15,035	14,476	13,922	13,323	12,825	12,218
Rank	4	4	4	4	4	4
Annual Congestion Cost (\$ million)	240	230	217	206	195	184
Rank	4	3	3	3	3	3
Annual Greenhouse Gases (CO2) Produced						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Truck Annual Greenhouse Gases (CO2) Produced						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

* Note: Zeroes in the table reflect values less than 0.5.

Mobility Data for San Francisco-Oakland CA

Inventory Measures	1990	1989	1988	1987	1986	1985
Urban Area Information						
Population (1000s)	3,180	3,150	3,140	3,080	3,020	2,960
Rank	9	9	8	8	8	8
Commuters (1000s)	938	921	909	885	860	834
Daily Vehicle-Miles of Travel (1000s)						
Freeway	23,500	23,000	22,600	22,200	21,800	21,500
Arterial Streets	21,200	20,800	20,300	20,000	19,600	19,300
Cost Components						
Value of Time (\$/hour)	9.75	9.25	8.83	8.48	8.18	8.03
Commercial Cost (\$/hour)	25.95	25.60	25.26	24.93	24.60	24.27
Gasoline (\$/gallon)	1.14	1.14	1.05	1.05	1.03	1.35
Diesel (\$/gallon)	1.19	1.09	1.01	1.01	0.99	1.29
System Performance	1990	1989	1988	1987	1986	1985
Congested Travel (% of peak VMT)	--	--	--	--	--	--
Congested System (% of lane-miles)	--	--	--	--	--	--
Congested Time (number of "Rush Hours")	--	--	--	--	--	--
Annual Excess Fuel Consumed						
Total Fuel (1000 gallons)	53,621	52,046	50,491	49,285	46,735	44,382
Rank	4	4	4	4	4	4
Fuel per Peak Auto Commuter (gallons)	22	21	20	20	19	19
Rank	1	1	1	1	1	1
Annual Delay						
Total Delay (1000s of person-hours)	131,150	127,298	123,495	120,544	114,306	108,553
Rank	4	4	3	3	3	3
Delay per Auto Commuter (pers-hrs)	68	67	66	65	63	62
Rank	2	2	2	2	2	1
Travel Time Index	1.32	1.32	1.31	1.31	1.30	1.30
Rank	2	2	2	2	2	2
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	1,506	1,395	1,294	1,219	1,119	1,060
Rank	4	4	3	3	3	3
Cost per Auto Commuter (\$)	2,590	2,658	2,712	2,764	2,723	2,631
Rank	1	1	1	1	1	1
Truck Congestion						
Annual Person-Hours of Delay (000)	6,696	6,501	6,306	6,155	5,837	5,543
Rank	3	3	3	3	3	3
Annual Gallons of Wasted Fuel (000)	11,867	11,519	11,174	10,907	10,343	9,822
Rank	4	4	4	4	4	4
Annual Congestion Cost (\$ million)	176	167	159	154	144	138
Rank	3	3	3	3	3	3
Annual Greenhouse Gases (CO2) Produced						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Truck Annual Greenhouse Gases (CO2) Produced						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

* Note: Zeroes in the table reflect values less than 0.5.

Mobility Data for San Francisco-Oakland CA

Inventory Measures	1984	1983	1982
Urban Area Information			
Population (1000s)	2,940	2,920	2,900
Rank	8	8	8
Commuters (1000s)	823	809	795
Daily Vehicle-Miles of Travel (1000s)			
Freeway	21,000	20,500	20,000
Arterial Streets	19,200	19,000	18,895
Cost Components			
Value of Time (\$/hour)	7.75	7.43	7.20
Commercial Cost (\$/hour)	23.94	23.63	23.31
Gasoline (\$/gallon)	1.36	1.39	1.46
Diesel (\$/gallon)	1.31	1.34	1.40
System Performance	1984	1983	1982
Congested Travel (% of peak VMT)	--	--	--
Congested System (% of lane-miles)	--	--	--
Congested Time (number of "Rush Hours")	--	--	--
Annual Excess Fuel Consumed			
Total Fuel (1000 gallons)	41,143	38,385	37,219
Rank	4	4	4
Fuel per Peak Auto Commuter (gallons)	17	16	20
Rank	1	1	1
Annual Delay			
Total Delay (1000s of person-hours)	100,631	93,885	91,032
Rank	4	4	4
Delay per Auto Commuter (pers-hrs)	59	56	55
Rank	2	2	2
Travel Time Index	1.28	1.26	1.26
Rank	2	2	2
Commuter Stress Index	--	--	--
Rank	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--
Rank	--	--	--
Congestion Cost			
Total Cost (\$ millions)	953	859	813
Rank	4	4	4
Cost per Auto Commuter (\$)	2,532	2,467	2,474
Rank	1	1	1
Truck Congestion			
Annual Person-Hours of Delay (000)	5,139	4,794	4,648
Rank	3	3	3
Annual Gallons of Wasted Fuel (000)	9,106	8,495	8,237
Rank	4	4	4
Annual Congestion Cost (\$ million)	126	117	112
Rank	3	3	3
Annual Greenhouse Gases (CO2) Produced			
Excess Due to Congestion (tons)	--	--	--
Rank	--	--	--
Due to All Travel (tons)	--	--	--
Rank	--	--	--
Truck Annual Greenhouse Gases (CO2) Produced			
Excess Due to Truck Congestion (tons)	--	--	--
Rank	--	--	--
Due to Truck Travel (tons)	--	--	--
Rank	--	--	--

* Note: Zeroes in the table reflect values less than 0.5.