

Performance Measure Summary - Los Angeles-Long Beach-Anaheim 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 Los Angeles-Long Beach-Anaheim CA

Inventory Measures	2020	2019	2018	2017	2016	2015
Urban Area Information						
Population (1000s)	12,600	12,600	12,630	12,670	12,660	12,650
Rank	2	2	2	2	2	2
Commuters (1000s)	5,796	5,796	5,857	5,905	5,899	5,892
Daily Vehicle-Miles of Travel (1000s)						
Freeway	107,548	134,435	133,905	133,061	132,796	132,630
Arterial Streets	86,678	108,348	109,782	117,129	116,646	113,286
Cost Components						
Value of Time (\$/hour)	20.17	19.14	18.71	18.12	17.91	17.69
Commercial Cost (\$/hour)	55.24	49.49	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)	--	--	--	56.7	--	--
Congested System (% of lane-miles)	--	--	--	34.6	--	--
Congested Time (number of "Rush Hours")	--	--	--	6.1	--	--
Annual Excess Fuel Consumed						
Total Fuel (1000 gallons)	132,619	345,453	344,160	347,298	341,894	338,198
Rank	2	1	1	1	1	1
Fuel per Peak Auto Commuter (gallons)	14	35	35	35	33	32
Rank	17	5	4	4	4	4
Annual Delay						
Total Delay (1000s of person-hours)	365,543	952,183	962,701	971,478	942,350	924,196
Rank	2	1	1	1	1	1
Delay per Auto Commuter (pers-hrs)	46	119	119	119	116	113
Rank	4	1	1	1	1	1
Travel Time Index	1.16	1.52	1.52	1.51	1.50	1.49
Rank	2	1	1	1	1	1
Commuter Stress Index	1.21	1.76	1.72	1.73	--	--
Rank	1	1	1	1	--	--
Freeway Planning Time Index (95th Pctile)	--	2.53	2.58	2.87	--	--
Rank	--	2	1	1	--	--
Congestion Cost						
Total Cost (\$ millions)	8,230	20,656	20,976	20,724	19,783	19,225
Rank	2	1	1	1	1	1
Cost per Auto Commuter (\$)	1,142	2,866	2,881	2,823	2,755	2,688
Rank	3	2	1	1	1	1
Truck Congestion						
Annual Person-Hours of Delay (000)	13,895	36,779	35,953	36,802	35,699	35,011
Rank	2	1	1	1	1	1
Annual Gallons of Wasted Fuel (000)	23,266	61,583	59,648	59,469	58,544	57,911
Rank	2	1	1	1	1	2
Annual Congestion Cost (\$ million)	762	1,862	2,025	1,961	1,824	1,693
Rank	2	1	1	1	1	1
Annual Greenhouse Gases (CO2) Produced						
Excess Due to Congestion (tons)	1,329,961	3,464,344	--	--	--	--
Rank	2	1	--	--	--	--
Due to All Travel (tons)	16,362,839	42,622,677	--	--	--	--
Rank	3	2	--	--	--	--
Truck Annual Greenhouse Gases (CO2) Produced						
Excess Due to Truck Congestion (tons)	255,926	677,411	--	--	--	--
Rank	2	1	--	--	--	--
Due to Truck Travel (tons)	2,782,018	7,363,723	--	--	--	--
Rank	5	4	--	--	--	--

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

Mobility Data for Los Angeles-Long Beach-Anaheim CA

Inventory Measures	2014	2013	2012	2011	2010	2009
Urban Area Information						
Population (1000s)	12,635	12,575	12,525	12,480	12,430	12,390
Rank	2	2	2	2	2	2
Commuters (1000s)	5,881	5,928	5,904	5,873	5,828	5,798
Daily Vehicle-Miles of Travel (1000s)						
Freeway	132,120	131,010	131,200	137,813	132,195	132,500
Arterial Streets	119,349	117,290	117,015	116,970	116,042	116,702
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)	334,247	331,515	328,569	325,087	322,215	320,815
Rank	1	1	1	1	1	1
Fuel per Peak Auto Commuter (gallons)	31	30	29	28	27	26
Rank	4	4	5	6	6	5
Annual Delay						
Total Delay (1000s of person-hours)	897,650	874,694	859,180	834,758	812,204	793,559
Rank	1	1	1	1	1	1
Delay per Auto Commuter (pers-hrs)	108	105	103	101	97	96
Rank	1	1	1	1	1	1
Travel Time Index	1.48	1.48	1.47	1.45	1.45	1.45
Rank	1	1	1	1	1	1
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	18,801	18,075	17,506	16,763	15,675	14,946
Rank	1	1	1	1	1	1
Cost per Auto Commuter (\$)	2,527	2,487	2,474	2,482	2,487	2,473
Rank	2	2	2	1	1	1
Truck Congestion						
Annual Person-Hours of Delay (000)	34,005	33,136	32,548	31,623	30,769	30,062
Rank	1	1	1	1	1	1
Annual Gallons of Wasted Fuel (000)	57,234	56,767	56,262	55,666	55,175	54,935
Rank	2	2	2	2	1	1
Annual Congestion Cost (\$ million)	1,643	1,511	1,444	1,542	1,396	1,321
Rank	1	1	1	1	1	1
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 Los Angeles-Long Beach-Anaheim CA

Inventory Measures	2008	2007	2006	2005	2004	2003
Urban Area Information						
Population (1000s)	12,345	12,305	12,260	12,235	12,215	12,200
Rank	2	2	2	2	2	2
Commuters (1000s)	5,756	5,727	5,696	5,663	5,612	5,574
Daily Vehicle-Miles of Travel (1000s)						
Freeway	133,000	135,235	134,000	133,080	139,275	136,000
Arterial Streets	118,000	120,690	125,800	125,500	126,010	124,535
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)	337,201	332,482	337,345	327,213	321,352	310,230
Rank	1	1	1	1	1	1
Fuel per Peak Auto Commuter (gallons)	27	26	27	26	26	26
Rank	4	6	5	6	5	5
Annual Delay						
Total Delay (1000s of person-hours)	794,371	783,254	794,710	770,842	757,034	730,833
Rank	1	1	1	1	1	1
Delay per Auto Commuter (pers-hrs)	93	92	92	91	91	90
Rank	1	1	1	1	1	1
Travel Time Index	1.46	1.47	1.46	1.45	1.43	1.42
Rank	1	1	1	1	1	1
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	15,490	14,534	14,244	13,315	12,539	11,635
Rank	1	1	1	1	1	1
Cost per Auto Commuter (\$)	2,454	2,516	2,621	2,627	2,668	2,644
Rank	1	2	1	1	1	2
Truck Congestion						
Annual Person-Hours of Delay (000)	30,093	29,672	30,106	29,201	28,678	27,686
Rank	1	1	1	1	1	1
Annual Gallons of Wasted Fuel (000)	57,741	56,933	57,765	56,030	55,026	53,122
Rank	1	1	1	1	1	1
Annual Congestion Cost (\$ million)	1,403	1,295	1,248	1,160	1,066	969
Rank	1	1	1	1	1	1
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 Los Angeles-Long Beach-Anaheim CA

Inventory Measures	2002	2001	2000	1999	1998	1997
Urban Area Information						
Population (1000s)	12,175	12,150	12,120	12,100	12,175	12,150
Rank	2	2	2	2	2	2
Commuters (1000s)	5,479	5,375	5,279	5,177	5,126	5,032
Daily Vehicle-Miles of Travel (1000s)						
Freeway	135,340	129,755	126,495	123,200	121,555	117,920
Arterial Streets	125,435	122,720	122,130	120,665	119,485	121,020
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)	300,035	293,085	286,053	278,683	273,632	265,922
Rank	1	1	1	1	1	1
Fuel per Peak Auto Commuter (gallons)	26	25	25	23	24	21
Rank	6	7	3	6	3	7
Annual Delay						
Total Delay (1000s of person-hours)	706,816	690,442	673,878	656,518	644,617	626,452
Rank	1	1	1	1	1	1
Delay per Auto Commuter (pers-hrs)	88	86	84	82	82	81
Rank	1	1	1	1	1	1
Travel Time Index	1.41	1.41	1.41	1.40	1.40	1.39
Rank	1	1	1	1	1	1
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	10,965	10,615	10,023	9,419	8,987	8,640
Rank	1	1	1	1	1	1
Cost per Auto Commuter (\$)	2,612	2,586	2,596	2,614	2,627	2,592
Rank	2	2	2	2	2	2
Truck Congestion						
Annual Person-Hours of Delay (000)	26,776	26,156	25,528	24,871	24,420	23,732
Rank	1	1	1	1	1	1
Annual Gallons of Wasted Fuel (000)	51,377	50,187	48,982	47,720	46,855	45,534
Rank	1	1	1	1	1	1
Annual Congestion Cost (\$ million)	896	857	804	749	721	698
Rank	1	1	1	1	1	1
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 Los Angeles-Long Beach-Anaheim CA

Inventory Measures	1996	1995	1994	1993	1992	1991
Urban Area Information						
Population (1000s)	12,120	12,050	12,000	11,950	11,845	11,760
Rank	2	2	2	2	2	2
Commuters (1000s)	4,937	4,837	4,735	4,643	4,522	4,419
Daily Vehicle-Miles of Travel (1000s)						
Freeway	117,800	116,050	113,625	114,000	111,955	110,280
Arterial Streets	122,490	121,320	119,085	115,865	114,590	113,700
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)	260,533	247,291	238,147	225,212	216,719	213,625
Rank	1	1	1	1	1	1
Fuel per Peak Auto Commuter (gallons)	22	21	20	19	17	17
Rank	2	3	4	3	4	3
Annual Delay						
Total Delay (1000s of person-hours)	613,756	582,565	561,021	530,549	510,543	503,255
Rank	1	1	1	1	1	1
Delay per Auto Commuter (pers-hrs)	79	77	75	73	72	71
Rank	1	1	1	1	1	1
Travel Time Index	1.39	1.38	1.37	1.35	1.35	1.35
Rank	1	1	1	1	1	1
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	8,233	7,622	7,128	6,600	6,193	5,914
Rank	1	1	1	1	1	1
Cost per Auto Commuter (\$)	2,600	2,544	2,521	2,448	2,429	2,471
Rank	2	2	2	2	2	2
Truck Congestion						
Annual Person-Hours of Delay (000)	23,251	22,069	21,253	20,098	19,341	19,065
Rank	1	1	1	1	1	1
Annual Gallons of Wasted Fuel (000)	44,612	42,345	40,779	38,564	37,110	36,581
Rank	1	1	1	1	1	1
Annual Congestion Cost (\$ million)	663	625	590	554	526	512
Rank	1	1	1	1	1	1
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 Los Angeles-Long Beach-Anaheim CA

Inventory Measures	1990	1989	1988	1987	1986	1985
Urban Area Information						
Population (1000s)	11,420	11,305	11,140	10,920	10,710	10,500
Rank	2	2	2	2	2	2
Commuters (1000s)	4,223	4,142	4,043	3,926	3,823	3,712
Daily Vehicle-Miles of Travel (1000s)						
Freeway	110,345	106,680	102,245	96,990	89,590	82,940
Arterial Streets	116,455	114,780	111,305	102,635	100,845	98,635
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)	200,474	196,069	186,875	174,236	166,076	162,061
Rank	1	1	1	1	1	1
Fuel per Peak Auto Commuter (gallons)	15	16	16	15	13	14
Rank	4	3	3	3	4	3
Annual Delay						
Total Delay (1000s of person-hours)	472,274	461,897	440,236	410,461	391,238	381,781
Rank	1	1	1	1	1	1
Delay per Auto Commuter (pers-hrs)	70	69	68	66	64	62
Rank	1	1	1	1	1	1
Travel Time Index	1.34	1.34	1.33	1.32	1.31	1.31
Rank	1	1	1	1	1	1
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	5,346	4,985	4,540	4,083	3,764	3,665
Rank	1	1	1	1	1	1
Cost per Auto Commuter (\$)	2,423	2,505	2,510	2,444	2,420	2,404
Rank	2	2	2	2	2	2
Truck Congestion						
Annual Person-Hours of Delay (000)	17,891	17,498	16,677	15,549	14,821	14,463
Rank	1	1	1	1	1	1
Annual Gallons of Wasted Fuel (000)	34,328	33,574	31,999	29,835	28,438	27,750
Rank	1	1	1	1	1	1
Annual Congestion Cost (\$ million)	473	453	424	390	367	363
Rank	1	1	1	1	1	1
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 Los Angeles-Long Beach-Anaheim CA

Inventory Measures	1984	1983	1982
Urban Area Information			
Population (1000s)	9,900	9,900	9,900
Rank	2	2	2
Commuters (1000s)	3,466	3,433	3,407
Daily Vehicle-Miles of Travel (1000s)			
Freeway	77,260	74,780	72,475
Arterial Streets	96,005	93,300	90,390
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)	147,337	141,387	129,086
Rank	1	1	1
Fuel per Peak Auto Commuter (gallons)	13	13	14
Rank	3	2	2
Annual Delay			
Total Delay (1000s of person-hours)	347,093	333,077	304,098
Rank	1	1	1
Delay per Auto Commuter (pers-hrs)	61	60	60
Rank	1	1	1
Travel Time Index	1.30	1.29	1.27
Rank	1	1	1
Commuter Stress Index	--	--	--
Rank	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--
Rank	--	--	--
Congestion Cost			
Total Cost (\$ millions)	3,231	2,993	2,668
Rank	1	1	1
Cost per Auto Commuter (\$)	2,268	2,276	2,148
Rank	2	2	2
Truck Congestion			
Annual Person-Hours of Delay (000)	13,149	12,618	11,520
Rank	1	1	1
Annual Gallons of Wasted Fuel (000)	25,229	24,211	22,104
Rank	1	1	1
Annual Congestion Cost (\$ million)	326	310	281
Rank	1	1	1
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.