

# Performance Measure Summary - Sacramento 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 (CO<sub>2</sub>) Produced** - Tons of CO<sub>2</sub> produced from all vehicle travel.

**Excess Greenhouse Gases (CO<sub>2</sub>) Produced due to Congestion** - Tons of CO<sub>2</sub> produced due to congested portion of travel. The excess CO<sub>2</sub> is a subset of the total CO<sub>2</sub> produced.

# Mobility Data for Sacramento CA

Inventory Measures	2020	2019	2018	2017	2016	2015
<b>Urban Area Information</b>						
Population (1000s)	1,875	1,875	1,865	1,855	1,840	1,825
Rank	27	27	27	27	27	27
Commuters (1000s)	940	940	935	930	924	913
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	15,331	17,785	17,997	17,750	17,750	17,009
Arterial Streets	11,456	13,290	12,811	13,064	13,112	12,831
<b>Cost Components</b>						
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
<b>Congested Travel (% of peak VMT)</b>	--	--	--	37.6	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	22.7	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	5.2	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	15,527	23,239	23,440	23,797	23,361	23,058
Rank	24	32	32	30	30	30
Fuel per Peak Auto Commuter (gallons)	15	23	24	24	23	22
Rank	9	33	27	27	27	29
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	47,492	71,079	72,188	73,437	71,043	68,922
Rank	19	28	25	24	24	25
Delay per Auto Commuter (pers-hrs)	38	56	58	59	57	55
Rank	11	30	25	22	22	24
<b>Travel Time Index</b>	1.11	1.27	1.27	1.28	1.27	1.27
Rank	20	22	22	20	21	20
<b>Commuter Stress Index</b>	1.13	1.34	1.33	1.34	--	--
Rank	14	19	21	18	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	1.90	1.88	1.97	--	--
Rank	--	19	18	17	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	1,057	1,539	1,547	1,542	1,469	1,414
Rank	20	27	26	25	25	25
Cost per Auto Commuter (\$)	800	1,164	1,177	1,179	1,148	1,108
Rank	11	31	29	26	28	26
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	1,603	2,122	2,154	2,210	2,138	2,074
Rank	32	39	37	35	34	34
Annual Gallons of Wasted Fuel (000)	2,615	3,461	3,513	3,558	3,493	3,448
Rank	34	40	40	36	37	34
Annual Congestion Cost (\$ million)	88	129	121	118	109	100
Rank	32	35	37	34	34	34
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	155,600	232,878	--	--	--	--
Rank	24	33	--	--	--	--
Due to All Travel (tons)	4,538,314	6,792,254	--	--	--	--
Rank	20	31	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Truck Congestion (tons)	28,667	37,947	--	--	--	--
Rank	34	40	--	--	--	--
Due to Truck Travel (tons)	843,824	1,116,959	--	--	--	--
Rank	30	44	--	--	--	--

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

# Mobility Data for Sacramento CA

Inventory Measures	2014	2013	2012	2011	2010	2009
<b>Urban Area Information</b>						
Population (1000s)	1,810	1,800	1,785	1,780	1,770	1,760
Rank	27	27	27	27	29	28
Commuters (1000s)	897	884	870	862	852	843
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	16,107	15,607	15,170	15,556	15,400	15,300
Arterial Streets	13,646	14,199	14,335	14,377	14,233	14,200
<b>Cost Components</b>						
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	3.65	3.20	2.71
System Performance	2014	2013	2012	2011	2010	2009
<b>Congested Travel (% of peak VMT)</b>	--	--	--	--	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	--	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	--	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	22,724	22,576	22,052	21,527	21,309	21,077
Rank	30	30	30	30	29	29
Fuel per Peak Auto Commuter (gallons)	21	20	19	18	18	17
Rank	30	37	42	49	46	43
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	66,743	65,136	63,050	60,430	59,264	57,524
Rank	25	25	25	25	24	23
Delay per Auto Commuter (pers-hrs)	53	51	50	48	46	45
Rank	26	25	23	26	26	25
<b>Travel Time Index</b>	1.26	1.26	1.25	1.25	1.24	1.24
Rank	22	22	23	22	24	24
<b>Commuter Stress Index</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	1,378	1,327	1,267	1,193	1,126	1,068
Rank	25	25	25	25	25	24
Cost per Auto Commuter (\$)	1,067	1,052	1,031	1,021	1,032	1,020
Rank	27	26	26	26	24	23
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	2,009	1,960	1,897	1,819	1,784	1,732
Rank	34	34	34	33	32	32
Annual Gallons of Wasted Fuel (000)	3,398	3,376	3,298	3,219	3,186	3,151
Rank	34	34	34	34	34	35
Annual Congestion Cost (\$ million)	97	89	84	87	81	76
Rank	34	34	34	34	33	32
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

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# Mobility Data for Sacramento CA

Inventory Measures	2008	2007	2006	2005	2004	2003
<b>Urban Area Information</b>						
Population (1000s)	1,750	1,740	1,725	1,700	1,680	1,650
Rank	27	26	26	26	26	26
Commuters (1000s)	835	828	815	797	784	765
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	15,335	15,955	15,805	15,415	14,600	13,900
Arterial Streets	14,130	14,135	14,455	14,305	13,525	12,310
<b>Cost Components</b>						
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
<b>Congested Travel (% of peak VMT)</b>	--	--	--	--	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	--	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	--	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	21,934	22,458	21,783	20,835	19,989	19,150
Rank	30	28	29	30	29	29
Fuel per Peak Auto Commuter (gallons)	18	20	19	18	18	18
Rank	49	28	36	43	38	30
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	57,014	58,372	56,620	54,157	51,956	49,776
Rank	23	23	23	24	24	24
Delay per Auto Commuter (pers-hrs)	44	46	45	44	43	42
Rank	28	28	27	27	28	28
<b>Travel Time Index</b>	1.23	1.24	1.24	1.23	1.23	1.22
Rank	30	29	27	28	29	30
<b>Commuter Stress Index</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	1,093	1,066	999	921	848	782
Rank	23	23	23	24	24	24
Cost per Auto Commuter (\$)	1,001	1,065	1,061	1,050	1,041	1,024
Rank	25	19	20	21	24	23
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	1,716	1,757	1,704	1,630	1,564	1,498
Rank	32	31	31	31	31	31
Annual Gallons of Wasted Fuel (000)	3,280	3,358	3,257	3,115	2,989	2,863
Rank	35	34	34	33	33	33
Annual Congestion Cost (\$ million)	80	77	71	65	58	52
Rank	33	31	29	30	31	30
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

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# Mobility Data for Sacramento CA

Inventory Measures	2002	2001	2000	1999	1998	1997
<b>Urban Area Information</b>						
Population (1000s)	1,560	1,470	1,425	1,390	1,355	1,300
Rank	28	28	30	30	31	31
Commuters (1000s)	712	661	631	605	580	548
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	13,225	12,650	12,170	11,490	11,140	10,470
Arterial Streets	12,035	11,725	11,510	11,350	11,295	11,680
<b>Cost Components</b>						
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
<b>Congested Travel (% of peak VMT)</b>	--	--	--	--	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	--	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	--	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	17,343	15,704	14,263	13,467	12,390	11,417
Rank	30	32	33	34	34	34
Fuel per Peak Auto Commuter (gallons)	15	14	13	12	11	10
Rank	53	54	56	64	65	66
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	45,078	40,819	37,073	35,002	32,206	29,676
Rank	24	24	28	28	28	29
Delay per Auto Commuter (pers-hrs)	40	39	37	36	35	34
Rank	30	32	37	37	37	38
<b>Travel Time Index</b>	1.21	1.21	1.20	1.19	1.18	1.18
Rank	31	29	29	30	30	28
<b>Commuter Stress Index</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	691	619	545	496	444	404
Rank	24	25	28	29	28	29
Cost per Auto Commuter (\$)	948	870	812	792	745	697
Rank	28	32	35	35	38	40
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	1,357	1,228	1,116	1,053	969	893
Rank	34	36	36	36	36	37
Annual Gallons of Wasted Fuel (000)	2,593	2,348	2,133	2,014	1,852	1,707
Rank	35	38	40	39	40	40
Annual Congestion Cost (\$ million)	45	40	35	32	29	26
Rank	32	35	37	35	36	37
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

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# Mobility Data for Sacramento CA

Inventory Measures	1996	1995	1994	1993	1992	1991
<b>Urban Area Information</b>						
Population (1000s)	1,260	1,240	1,220	1,205	1,190	1,165
Rank	32	32	32	32	32	31
Commuters (1000s)	522	506	490	476	463	445
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	10,755	10,550	10,645	10,280	10,115	9,640
Arterial Streets	11,845	10,910	10,675	10,505	10,965	11,325
<b>Cost Components</b>						
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
<b>Congested Travel (% of peak VMT)</b>	--	--	--	--	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	--	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	--	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	10,479	10,009	9,267	8,671	8,164	7,585
Rank	34	33	33	33	33	32
Fuel per Peak Auto Commuter (gallons)	9	9	9	7	8	7
Rank	69	59	56	67	53	57
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	27,236	26,014	24,088	22,538	21,220	19,717
Rank	29	29	28	26	26	26
Delay per Auto Commuter (pers-hrs)	32	32	30	29	28	27
Rank	43	34	38	33	32	30
<b>Travel Time Index</b>	1.17	1.17	1.16	1.15	1.15	1.14
Rank	30	29	30	31	27	29
<b>Commuter Stress Index</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	361	336	302	277	254	229
Rank	30	30	29	28	26	26
Cost per Auto Commuter (\$)	657	646	618	591	574	550
Rank	40	37	39	39	38	33
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	820	783	725	678	639	593
Rank	37	37	36	36	36	35
Annual Gallons of Wasted Fuel (000)	1,567	1,497	1,385	1,296	1,221	1,134
Rank	40	38	37	37	38	37
Annual Congestion Cost (\$ million)	23	22	20	19	17	16
Rank	37	37	36	36	36	35
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

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# Mobility Data for Sacramento CA

Inventory Measures	1990	1989	1988	1987	1986	1985
<b>Urban Area Information</b>						
Population (1000s)	1,100	1,065	1,050	995	955	910
Rank	32	33	34	35	35	35
Commuters (1000s)	414	398	389	366	348	329
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	9,265	9,300	8,880	8,245	7,700	7,250
Arterial Streets	11,350	11,065	10,805	9,915	9,235	8,825
<b>Cost Components</b>						
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
<b>Congested Travel (% of peak VMT)</b>	--	--	--	--	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	--	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	--	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	6,861	5,989	5,391	4,737	4,333	3,897
Rank	32	34	35	36	35	37
Fuel per Peak Auto Commuter (gallons)	7	6	5	4	4	3
Rank	50	53	58	61	54	66
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	17,833	15,567	14,012	12,313	11,261	10,130
Rank	26	29	27	28	28	28
Delay per Auto Commuter (pers-hrs)	26	24	22	20	19	18
Rank	27	29	32	36	35	35
<b>Travel Time Index</b>	1.14	1.12	1.11	1.11	1.10	1.10
Rank	26	33	33	30	33	27
<b>Commuter Stress Index</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	199	166	142	121	107	96
Rank	27	30	27	29	28	28
Cost per Auto Commuter (\$)	519	478	455	417	397	364
Rank	40	41	42	48	49	47
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	537	469	422	370	339	305
Rank	35	36	37	37	38	39
Annual Gallons of Wasted Fuel (000)	1,026	896	806	708	648	583
Rank	38	40	41	41	42	42
Annual Congestion Cost (\$ million)	14	12	11	9	8	8
Rank	35	35	36	37	38	36
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
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 Sacramento CA

Inventory Measures	1984	1983	1982
<b>Urban Area Information</b>			
Population (1000s)	870	845	830
Rank	35	36	37
Commuters (1000s)	313	301	292
<b>Daily Vehicle-Miles of Travel (1000s)</b>			
Freeway	6,825	6,140	5,725
Arterial Streets	8,410	8,215	8,130
<b>Cost Components</b>			
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
<b>Congested Travel (% of peak VMT)</b>	--	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--
<b>Annual Excess Fuel Consumed</b>			
Total Fuel (1000 gallons)	3,432	3,283	3,049
Rank	37	35	35
Fuel per Peak Auto Commuter (gallons)	3	3	3
Rank	61	46	34
<b>Annual Delay</b>			
Total Delay (1000s of person-hours)	8,923	8,534	7,924
Rank	28	27	28
Delay per Auto Commuter (pers-hrs)	17	17	16
Rank	35	30	28
<b>Travel Time Index</b>	1.09	1.09	1.08
Rank	30	28	29
<b>Commuter Stress Index</b>	--	--	--
Rank	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	--	--
Rank	--	--	--
<b>Congestion Cost</b>			
Total Cost (\$ millions)	82	75	68
Rank	28	28	28
Cost per Auto Commuter (\$)	333	329	319
Rank	47	45	45
<b>Truck Congestion</b>			
Annual Person-Hours of Delay (000)	269	257	238
Rank	41	37	37
Annual Gallons of Wasted Fuel (000)	514	491	456
Rank	43	42	40
Annual Congestion Cost (\$ million)	7	6	6
Rank	35	37	35
<b>Annual Greenhouse Gases (CO2) Produced</b>			
Excess Due to Congestion (tons)	--	--	--
Rank	--	--	--
Due to All Travel (tons)	--	--	--
Rank	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>			
Excess Due to Truck Congestion (tons)	--	--	--
Rank	--	--	--
Due to Truck Travel (tons)	--	--	--
Rank	--	--	--

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