

# Performance Measure Summary - Large Area Average (32 areas)

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 Large Area Average (32 areas)

Inventory Measures	2020	2019	2018	2017	2016	2015
<b>Urban Area Information</b>						
Population (1000s)	1,721	1,721	1,710	1,699	1,686	1,674
Rank	--	--	--	--	--	--
Commuters (1000s)	867	867	862	854	847	840
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	14,856	17,803	17,639	17,481	17,170	16,474
Arterial Streets	12,843	15,337	15,218	15,103	14,948	14,683
<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	54.71	54.71	52.14	50.20	46.87
Gasoline (\$/gallon)	2.43	2.74	2.93	2.40	2.23	2.39
Diesel (\$/gallon)	2.89	3.06	3.30	2.59	2.37	2.59
System Performance	2020	2019	2018	2017	2016	2015
<b>Congested Travel (% of peak VMT)</b>	--	--	--	25.5	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	14.7	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	3.4	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	12,456	24,641	23,968	23,454	23,105	22,708
Rank	--	--	--	--	--	--
Fuel per Peak Auto Commuter (gallons)	11	23	22	22	22	21
Rank	--	--	--	--	--	--
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	31,065	61,751	60,539	59,817	58,322	56,602
Rank	--	--	--	--	--	--
Delay per Auto Commuter (pers-hrs)	28	55	54	54	53	51
Rank	--	--	--	--	--	--
<b>Travel Time Index</b>						
Rank	1.09	1.24	1.24	1.23	1.23	1.23
<b>Commuter Stress Index</b>						
Rank	1.10	1.29	1.28	1.27	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>						
Rank	--	1.68	1.67	1.71	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	701	1,345	1,322	1,279	1,226	1,175
Rank	--	--	--	--	--	--
Cost per Auto Commuter (\$)	586	1,127	1,113	1,087	1,066	1,028
Rank	--	--	--	--	--	--
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	1,534	2,756	2,653	2,581	2,505	2,420
Rank	--	--	--	--	--	--
Annual Gallons of Wasted Fuel (000)	2,675	4,802	4,672	4,602	4,536	4,470
Rank	--	--	--	--	--	--
Annual Congestion Cost (\$ million)	82	147	147	137	128	117
Rank	--	--	--	--	--	--
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	124,865	246,984	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	3,502,208	6,711,206	--	--	--	--
Rank	--	--	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Truck Congestion (tons)	29,743	53,306	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	932,888	1,581,821	--	--	--	--
Rank	--	--	--	--	--	--

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

# Mobility Data for Large Area Average (32 areas)

Inventory Measures	2014	2013	2012	2011	2010	2009
<b>Urban Area Information</b>						
Population (1000s)	1,663	1,645	1,626	1,608	1,592	1,571
Rank	--	--	--	--	--	--
Commuters (1000s)	833	833	825	818	808	795
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	15,903	15,459	15,154	15,679	15,496	15,209
Arterial Streets	14,441	14,268	14,095	14,292	14,116	13,951
<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)	3.33	3.55	3.53	3.35	2.75	2.30
Diesel (\$/gallon)	3.67	3.92	3.93	3.70	3.01	2.61
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)	22,369	22,102	21,642	21,076	20,579	19,921
Rank	--	--	--	--	--	--
Fuel per Peak Auto Commuter (gallons)	21	20	20	20	20	18
Rank	--	--	--	--	--	--
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	55,007	53,612	51,685	49,399	47,638	45,300
Rank	--	--	--	--	--	--
Delay per Auto Commuter (pers-hrs)	50	48	47	45	44	43
Rank	--	--	--	--	--	--
<b>Travel Time Index</b>						
Rank	1.23	1.23	1.23	1.22	1.22	1.21
<b>Commuter Stress Index</b>						
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>						
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	1,159	1,113	1,058	1,000	923	856
Rank	--	--	--	--	--	--
Cost per Auto Commuter (\$)	994	978	955	941	936	905
Rank	--	--	--	--	--	--
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	2,337	2,268	2,176	2,075	2,000	1,900
Rank	--	--	--	--	--	--
Annual Gallons of Wasted Fuel (000)	4,411	4,362	4,271	4,160	4,059	3,928
Rank	--	--	--	--	--	--
Annual Congestion Cost (\$ million)	114	104	98	102	92	84
Rank	--	--	--	--	--	--
<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 Large Area Average (32 areas)

Inventory Measures	2008	2007	2006	2005	2004	2003
<b>Urban Area Information</b>						
Population (1000s)	1,552	1,534	1,513	1,492	1,475	1,451
Rank	--	--	--	--	--	--
Commuters (1000s)	783	769	755	739	727	711
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	15,011	15,295	15,027	14,750	14,417	13,927
Arterial Streets	13,968	14,106	14,025	13,887	13,664	13,359
<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)	3.46	3.02	2.67	2.34	1.96	1.56
Diesel (\$/gallon)	4.17	3.43	2.90	2.56	2.01	1.53
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)	20,613	20,475	20,043	19,463	18,861	17,991
Rank	--	--	--	--	--	--
Fuel per Peak Auto Commuter (gallons)	19	19	19	19	18	18
Rank	--	--	--	--	--	--
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	44,792	44,504	43,553	42,242	40,874	38,970
Rank	--	--	--	--	--	--
Delay per Auto Commuter (pers-hrs)	43	43	43	43	42	41
Rank	--	--	--	--	--	--
<b>Travel Time Index</b>						
Rank	1.22	1.23	1.22	1.22	1.22	1.21
<b>Commuter Stress Index</b>						
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>						
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	877	831	784	731	678	622
Rank	--	--	--	--	--	--
Cost per Auto Commuter (\$)	886	916	921	925	926	908
Rank	--	--	--	--	--	--
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	1,880	1,865	1,824	1,769	1,712	1,632
Rank	--	--	--	--	--	--
Annual Gallons of Wasted Fuel (000)	4,079	4,046	3,959	3,841	3,719	3,542
Rank	--	--	--	--	--	--
Annual Congestion Cost (\$ million)	89	83	76	70	64	57
Rank	--	--	--	--	--	--
<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 Large Area Average (32 areas)

Inventory Measures	2002	2001	2000	1999	1998	1997
<b>Urban Area Information</b>						
Population (1000s)	1,427	1,401	1,374	1,349	1,328	1,310
Rank	--	--	--	--	--	--
Commuters (1000s)	690	667	643	621	602	585
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	13,418	13,028	12,645	12,315	11,953	11,587
Arterial Streets	12,963	12,621	12,285	11,994	11,690	11,448
<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)	1.42	1.55	1.57	1.20	1.12	1.22
Diesel (\$/gallon)	1.41	1.58	1.54	1.21	1.21	1.31
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)	17,200	16,349	15,361	14,443	13,523	12,755
Rank	--	--	--	--	--	--
Fuel per Peak Auto Commuter (gallons)	17	16	15	15	14	13
Rank	--	--	--	--	--	--
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	37,198	35,300	33,137	31,123	29,095	27,419
Rank	--	--	--	--	--	--
Delay per Auto Commuter (pers-hrs)	40	40	38	37	36	35
Rank	--	--	--	--	--	--
<b>Travel Time Index</b>						
Rank	1.21	1.20	1.20	1.19	1.18	1.18
<b>Commuter Stress Index</b>						
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>						
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	578	542	495	445	407	379
Rank	--	--	--	--	--	--
Cost per Auto Commuter (\$)	886	855	827	806	772	741
Rank	--	--	--	--	--	--
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	1,560	1,482	1,392	1,308	1,224	1,154
Rank	--	--	--	--	--	--
Annual Gallons of Wasted Fuel (000)	3,387	3,218	3,024	2,842	2,662	2,509
Rank	--	--	--	--	--	--
Annual Congestion Cost (\$ million)	52	49	44	39	36	34
Rank	--	--	--	--	--	--
<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 Large Area Average (32 areas)

Inventory Measures	1996	1995	1994	1993	1992	1991
<b>Urban Area Information</b>						
Population (1000s)	1,287	1,264	1,242	1,220	1,199	1,179
Rank	--	--	--	--	--	--
Commuters (1000s)	566	547	529	512	495	479
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	11,222	10,805	10,356	9,877	9,362	8,883
Arterial Streets	11,150	10,813	10,420	10,016	9,670	9,328
<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)	1.29	1.19	1.10	1.14	1.15	1.14
Diesel (\$/gallon)	1.38	1.27	1.17	1.21	1.22	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)	11,986	11,168	10,328	9,487	8,741	8,086
Rank	--	--	--	--	--	--
Fuel per Peak Auto Commuter (gallons)	12	12	11	10	9	9
Rank	--	--	--	--	--	--
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	25,749	23,996	22,205	20,416	18,833	17,430
Rank	--	--	--	--	--	--
Delay per Auto Commuter (pers-hrs)	34	32	31	29	28	26
Rank	--	--	--	--	--	--
<b>Travel Time Index</b>						
Rank	1.17	1.16	1.16	1.15	1.14	1.13
<b>Commuter Stress Index</b>						
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>						
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	349	316	284	255	230	207
Rank	--	--	--	--	--	--
Cost per Auto Commuter (\$)	715	690	660	623	594	568
Rank	--	--	--	--	--	--
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	1,084	1,011	936	861	795	736
Rank	--	--	--	--	--	--
Annual Gallons of Wasted Fuel (000)	2,355	2,194	2,029	1,865	1,720	1,592
Rank	--	--	--	--	--	--
Annual Congestion Cost (\$ million)	32	29	26	24	22	20
Rank	--	--	--	--	--	--
<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 Large Area Average (32 areas)

Inventory Measures	1990	1989	1988	1987	1986	1985
<b>Urban Area Information</b>						
Population (1000s)	1,154	1,132	1,115	1,093	1,075	1,058
Rank	--	--	--	--	--	--
Commuters (1000s)	461	449	439	426	415	406
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	8,578	8,180	7,816	7,395	6,972	6,573
Arterial Streets	9,000	8,687	8,489	8,154	7,928	7,611
<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)	1.10	1.13	1.04	1.04	1.02	1.33
Diesel (\$/gallon)	1.13	1.10	1.01	1.01	0.99	1.30
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)	7,385	6,747	6,121	5,532	5,064	4,623
Rank	--	--	--	--	--	--
Fuel per Peak Auto Commuter (gallons)	8	7	7	6	5	5
Rank	--	--	--	--	--	--
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	15,891	14,521	13,189	11,919	10,909	9,955
Rank	--	--	--	--	--	--
Delay per Auto Commuter (pers-hrs)	25	23	22	20	19	17
Rank	--	--	--	--	--	--
<b>Travel Time Index</b>						
	1.13	1.12	1.11	1.10	1.09	1.09
Rank	--	--	--	--	--	--
<b>Commuter Stress Index</b>						
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>						
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	181	158	137	120	106	97
Rank	--	--	--	--	--	--
Cost per Auto Commuter (\$)	542	524	499	469	447	416
Rank	--	--	--	--	--	--
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	672	615	560	507	465	425
Rank	--	--	--	--	--	--
Annual Gallons of Wasted Fuel (000)	1,455	1,330	1,211	1,099	1,009	922
Rank	--	--	--	--	--	--
Annual Congestion Cost (\$ million)	18	16	14	13	12	11
Rank	--	--	--	--	--	--
<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 Large Area Average (32 areas)

Inventory Measures	1984	1983	1982
<b>Urban Area Information</b>			
Population (1000s)	1,041	1,027	994
Rank	--	--	--
Commuters (1000s)	396	388	372
<b>Daily Vehicle-Miles of Travel (1000s)</b>			
Freeway	6,260	5,890	5,467
Arterial Streets	7,354	7,079	6,702
<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)	1.34	1.38	1.44
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)	4,191	3,804	3,343
Rank	--	--	--
Fuel per Peak Auto Commuter (gallons)	5	4	3
Rank	--	--	--
<b>Annual Delay</b>			
Total Delay (1000s of person-hours)	9,026	8,189	7,199
Rank	--	--	--
Delay per Auto Commuter (pers-hrs)	16	15	14
Rank	--	--	--
<b>Travel Time Index</b>			
	1.08	1.08	1.07
Rank	--	--	--
<b>Commuter Stress Index</b>			
Rank	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>			
Rank	--	--	--
<b>Congestion Cost</b>			
Total Cost (\$ millions)	85	75	64
Rank	--	--	--
Cost per Auto Commuter (\$)	390	371	345
Rank	--	--	--
<b>Truck Congestion</b>			
Annual Person-Hours of Delay (000)	386	350	308
Rank	--	--	--
Annual Gallons of Wasted Fuel (000)	839	760	673
Rank	--	--	--
Annual Congestion Cost (\$ million)	10	9	8
Rank	--	--	--
<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.