

Performance Measure Summary - Detroit MI

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 Detroit MI

Inventory Measures	2020	2019	2018	2017	2016	2015
Urban Area Information						
Population (1000s)	3,775	3,775	3,800	3,825	3,825	3,825
Rank	12	12	12	12	12	12
Commuters (1000s)	2,045	2,045	2,058	2,072	2,072	2,072
Daily Vehicle-Miles of Travel (1000s)						
Freeway	24,560	33,055	33,367	34,296	33,992	33,286
Arterial Streets	34,573	46,532	46,827	46,371	45,395	44,575
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)	2.20	2.78	2.86	2.45	2.23	2.22
Diesel (\$/gallon)	2.81	2.95	3.31	2.58	2.31	2.52
System Performance	2020	2019	2018	2017	2016	2015
Congested Travel (% of peak VMT)	--	--	--	25.4	--	--
Congested System (% of lane-miles)	--	--	--	12.8	--	--
Congested Time (number of "Rush Hours")	--	--	--	3.8	--	--
Annual Excess Fuel Consumed						
Total Fuel (1000 gallons)	35,113	60,243	65,044	66,322	65,801	65,751
Rank	12	14	13	13	13	13
Fuel per Peak Auto Commuter (gallons)	13	23	25	25	25	25
Rank	28	33	20	20	16	15
Annual Delay						
Total Delay (1000s of person-hours)	92,996	159,551	162,156	165,339	162,407	160,898
Rank	12	14	14	13	13	13
Delay per Auto Commuter (pers-hrs)	35	60	60	61	61	60
Rank	14	25	23	20	18	17
Travel Time Index	1.12	1.23	1.24	1.24	1.24	1.24
Rank	10	31	27	28	28	26
Commuter Stress Index	1.13	1.28	1.29	1.25	--	--
Rank	14	31	30	35	--	--
Freeway Planning Time Index (95th Pctile)	--	1.68	1.74	1.72	--	--
Rank	--	34	27	30	--	--
Congestion Cost						
Total Cost (\$ millions)	2,082	3,421	3,530	3,536	3,412	3,328
Rank	12	14	14	13	13	13
Cost per Auto Commuter (\$)	710	1,167	1,197	1,191	1,176	1,160
Rank	16	30	27	25	24	24
Truck Congestion						
Annual Person-Hours of Delay (000)	4,371	6,457	6,871	6,944	6,821	6,758
Rank	10	14	14	12	13	12
Annual Gallons of Wasted Fuel (000)	8,586	12,683	13,149	14,060	13,950	13,939
Rank	7	12	11	11	11	11
Annual Congestion Cost (\$ million)	236	322	385	373	351	330
Rank	10	14	12	11	11	10
Annual Greenhouse Gases (CO2) Produced						
Excess Due to Congestion (tons)	351,116	602,401	--	--	--	--
Rank	12	14	--	--	--	--
Due to All Travel (tons)	9,285,947	15,931,656	--	--	--	--
Rank	9	11	--	--	--	--
Truck Annual Greenhouse Gases (CO2) Produced						
Excess Due to Truck Congestion (tons)	94,927	140,223	--	--	--	--
Rank	7	13	--	--	--	--
Due to Truck Travel (tons)	2,397,982	3,542,232	--	--	--	--
Rank	8	9	--	--	--	--

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

Mobility Data for Detroit MI

Inventory Measures	2014	2013	2012	2011	2010	2009
Urban Area Information						
Population (1000s)	3,825	3,805	3,825	3,850	3,875	3,900
Rank	12	12	12	11	11	11
Commuters (1000s)	2,072	2,015	2,026	2,035	2,041	2,051
Daily Vehicle-Miles of Travel (1000s)						
Freeway	33,432	32,689	30,085	32,778	31,800	31,000
Arterial Streets	45,591	43,795	45,295	46,953	47,500	50,746
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)	3.30	3.65	3.68	3.46	2.68	2.23
Diesel (\$/gallon)	3.72	3.96	3.93	3.74	2.94	2.55
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)	65,399	64,959	64,500	63,095	61,410	60,403
Rank	13	13	13	12	12	12
Fuel per Peak Auto Commuter (gallons)	25	24	25	24	23	19
Rank	15	16	13	14	14	27
Annual Delay						
Total Delay (1000s of person-hours)	157,277	153,478	151,032	145,080	138,614	133,794
Rank	13	13	12	12	12	12
Delay per Auto Commuter (pers-hrs)	59	58	57	55	51	49
Rank	16	14	13	13	15	15
Travel Time Index	1.24	1.24	1.24	1.23	1.23	1.23
Rank	26	26	25	28	28	29
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	3,316	3,198	3,103	2,947	2,686	2,528
Rank	13	13	12	12	12	12
Cost per Auto Commuter (\$)	1,127	1,111	1,108	1,098	1,081	1,063
Rank	24	24	22	20	22	18
Truck Congestion						
Annual Person-Hours of Delay (000)	6,606	6,446	6,343	6,093	5,822	5,619
Rank	12	12	10	12	12	11
Annual Gallons of Wasted Fuel (000)	13,865	13,771	13,674	13,376	13,019	12,805
Rank	11	11	11	10	10	10
Annual Congestion Cost (\$ million)	328	303	289	304	269	252
Rank	10	10	10	10	11	11
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 Detroit MI

Inventory Measures	2008	2007	2006	2005	2004	2003
Urban Area Information						
Population (1000s)	3,930	3,970	4,000	4,020	4,040	4,040
Rank	11	11	11	10	9	9
Commuters (1000s)	2,059	2,076	2,088	2,084	2,079	2,060
Daily Vehicle-Miles of Travel (1000s)						
Freeway	30,315	32,780	33,065	33,045	33,000	33,000
Arterial Streets	52,315	53,680	53,845	53,200	51,465	50,645
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)	3.51	3.06	2.64	2.33	1.90	1.51
Diesel (\$/gallon)	4.22	3.42	2.85	2.51	1.94	1.49
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)	68,197	71,363	71,139	70,767	70,103	69,526
Rank	10	10	10	9	8	8
Fuel per Peak Auto Commuter (gallons)	24	26	26	26	26	26
Rank	9	6	7	6	5	5
Annual Delay						
Total Delay (1000s of person-hours)	143,864	150,542	150,070	149,286	147,886	146,667
Rank	10	10	10	10	9	8
Delay per Auto Commuter (pers-hrs)	53	55	54	54	53	53
Rank	11	11	11	11	11	9
Travel Time Index						
Rank	24	24	25	25	23	20
Commuter Stress Index						
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)						
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	2,827	2,819	2,706	2,588	2,450	2,339
Rank	10	10	10	10	9	8
Cost per Auto Commuter (\$)	1,131	1,230	1,261	1,295	1,329	1,352
Rank	14	13	12	12	11	11
Truck Congestion						
Annual Person-Hours of Delay (000)	6,042	6,323	6,303	6,270	6,211	6,160
Rank	10	10	10	10	9	8
Annual Gallons of Wasted Fuel (000)	14,458	15,129	15,081	15,003	14,862	14,739
Rank	10	9	9	8	7	6
Annual Congestion Cost (\$ million)	292	285	266	252	233	217
Rank	10	10	10	10	9	8
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 Detroit MI

Inventory Measures	2002	2001	2000	1999	1998	1997
Urban Area Information						
Population (1000s)	4,035	4,030	4,025	4,025	4,020	4,020
Rank	9	7	7	6	6	6
Commuters (1000s)	2,020	1,984	1,947	1,914	1,877	1,844
Daily Vehicle-Miles of Travel (1000s)						
Freeway	32,600	31,900	31,300	30,800	30,000	29,355
Arterial Streets	49,955	49,405	46,505	44,910	44,295	44,510
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)	1.41	1.50	1.63	1.13	1.11	1.12
Diesel (\$/gallon)	1.37	1.54	1.52	1.10	1.13	1.22
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)	69,070	67,947	65,828	64,534	62,675	61,167
Rank	7	7	7	7	7	7
Fuel per Peak Auto Commuter (gallons)	26	26	24	25	24	24
Rank	6	4	6	3	3	2
Annual Delay						
Total Delay (1000s of person-hours)	145,706	143,337	138,866	136,136	132,216	129,033
Rank	8	8	7	7	6	6
Delay per Auto Commuter (pers-hrs)	54	53	52	52	51	51
Rank	8	8	8	8	7	6
Travel Time Index	1.25	1.25	1.24	1.24	1.24	1.24
Rank	17	17	18	15	12	9
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	2,265	2,198	2,079	1,941	1,848	1,779
Rank	8	8	7	7	7	6
Cost per Auto Commuter (\$)	1,372	1,368	1,363	1,382	1,373	1,360
Rank	10	9	8	8	7	7
Truck Congestion						
Annual Person-Hours of Delay (000)	6,120	6,020	5,832	5,718	5,553	5,419
Rank	8	7	7	7	7	7
Annual Gallons of Wasted Fuel (000)	14,643	14,405	13,955	13,681	13,287	12,967
Rank	6	6	5	5	5	5
Annual Congestion Cost (\$ million)	206	199	186	171	164	160
Rank	8	7	7	7	7	5
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 Detroit MI

Inventory Measures	1996	1995	1994	1993	1992	1991
Urban Area Information						
Population (1000s)	4,015	4,015	4,010	4,010	4,005	3,985
Rank	6	6	6	6	6	5
Commuters (1000s)	1,808	1,778	1,745	1,715	1,683	1,645
Daily Vehicle-Miles of Travel (1000s)						
Freeway	29,260	28,320	28,440	29,000	28,785	27,405
Arterial Streets	44,475	43,675	42,525	42,000	41,650	40,260
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)	1.29	1.12	1.02	1.10	1.08	1.13
Diesel (\$/gallon)	1.39	1.20	1.10	1.18	1.16	1.27
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)	58,930	57,704	55,503	54,139	52,723	49,888
Rank	6	6	6	6	5	5
Fuel per Peak Auto Commuter (gallons)	22	22	22	21	20	19
Rank	2	2	2	2	2	2
Annual Delay						
Total Delay (1000s of person-hours)	124,315	121,729	117,085	114,209	111,221	105,242
Rank	6	5	5	5	5	5
Delay per Auto Commuter (pers-hrs)	49	49	48	47	46	45
Rank	7	5	5	4	4	4
Travel Time Index	1.23	1.23	1.22	1.22	1.22	1.21
Rank	9	8	10	6	6	8
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	1,688	1,599	1,494	1,428	1,353	1,250
Rank	6	5	5	5	5	5
Cost per Auto Commuter (\$)	1,341	1,354	1,342	1,343	1,348	1,316
Rank	6	5	5	4	4	4
Truck Congestion						
Annual Person-Hours of Delay (000)	5,221	5,113	4,918	4,797	4,671	4,420
Rank	5	5	5	5	5	5
Annual Gallons of Wasted Fuel (000)	12,493	12,233	11,767	11,478	11,177	10,576
Rank	5	5	5	5	5	5
Annual Congestion Cost (\$ million)	154	147	138	134	129	122
Rank	5	5	5	5	5	5
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 Detroit MI

Inventory Measures	1990	1989	1988	1987	1986	1985
Urban Area Information						
Population (1000s)	3,970	3,915	3,900	3,890	3,885	3,880
Rank	5	5	5	5	5	5
Commuters (1000s)	1,609	1,572	1,555	1,537	1,520	1,508
Daily Vehicle-Miles of Travel (1000s)						
Freeway	26,645	26,680	25,410	22,650	21,670	19,500
Arterial Streets	39,855	39,500	39,180	39,590	39,895	38,000
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)	1.10	1.12	1.03	1.04	1.01	1.32
Diesel (\$/gallon)	1.14	1.06	0.97	0.98	0.95	1.25
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)	47,823	45,512	44,221	42,546	40,058	38,190
Rank	5	5	5	5	5	5
Fuel per Peak Auto Commuter (gallons)	19	17	17	17	16	15
Rank	2	2	2	2	2	2
Annual Delay						
Total Delay (1000s of person-hours)	100,884	96,010	93,287	89,753	84,504	80,563
Rank	5	5	5	5	5	5
Delay per Auto Commuter (pers-hrs)	43	42	41	40	38	37
Rank	5	5	4	5	6	7
Travel Time Index	1.20	1.20	1.19	1.19	1.18	1.17
Rank	9	8	9	8	8	9
Commuter Stress Index	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Congestion Cost						
Total Cost (\$ millions)	1,152	1,046	971	902	821	782
Rank	5	5	5	5	5	5
Cost per Auto Commuter (\$)	1,319	1,327	1,355	1,361	1,331	1,290
Rank	4	4	3	3	3	3
Truck Congestion						
Annual Person-Hours of Delay (000)	4,237	4,032	3,918	3,770	3,549	3,384
Rank	5	5	5	5	5	5
Annual Gallons of Wasted Fuel (000)	10,138	9,649	9,375	9,020	8,492	8,096
Rank	5	5	5	5	5	5
Annual Congestion Cost (\$ million)	114	106	101	96	89	87
Rank	5	5	5	5	5	5
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 Detroit MI

Inventory Measures	1984	1983	1982
Urban Area Information			
Population (1000s)	3,850	3,830	3,810
Rank	5	5	5
Commuters (1000s)	1,482	1,463	1,441
Daily Vehicle-Miles of Travel (1000s)			
Freeway	18,270	17,300	17,925
Arterial Streets	37,010	35,505	34,250
Cost Components			
Value of Time (\$/hour)	7.75	7.43	7.20
Commercial Cost (\$/hour)	23.94	23.63	23.31
Gasoline (\$/gallon)	1.34	1.37	1.43
Diesel (\$/gallon)	1.26	1.29	1.35
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)	35,936	33,240	32,907
Rank	5	5	5
Fuel per Peak Auto Commuter (gallons)	14	12	11
Rank	2	3	3
Annual Delay			
Total Delay (1000s of person-hours)	75,808	70,122	69,418
Rank	5	5	5
Delay per Auto Commuter (pers-hrs)	35	33	33
Rank	7	9	7
Travel Time Index	1.16	1.15	1.15
Rank	8	10	8
Commuter Stress Index	--	--	--
Rank	--	--	--
Freeway Planning Time Index (95th Pctile)	--	--	--
Rank	--	--	--
Congestion Cost			
Total Cost (\$ millions)	714	638	617
Rank	5	5	5
Cost per Auto Commuter (\$)	1,262	1,219	1,248
Rank	3	3	3
Truck Congestion			
Annual Person-Hours of Delay (000)	3,184	2,945	2,916
Rank	5	5	5
Annual Gallons of Wasted Fuel (000)	7,618	7,047	6,976
Rank	5	5	5
Annual Congestion Cost (\$ million)	81	74	73
Rank	5	5	5
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.