Performance Measure Summary - Little Rock AR

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.

Inventory Measures	2020	2019	2018	2017	2016	2015
Urban Area Information						
Population (1000s)	460	460	460	460	455	455
Rank	81	81	81	81	81	81
Commuters (1000s)	246	246	246	246	244	243
Daily Vehicle-Miles of Travel (1000s)						
Freeway	7,954	8,741	8,617	8,524	8,500	8,123
Arterial Streets	5,043	5,542	5,588	5,588	5,494	5,528
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)	2.12	2.31	2.61	2.11	1.97	2.07
Diesel (\$/gallon)	2.58	2.73	3.01	2.35	2.13	2.35
System Performance	2020	2019	2018	2017	2016	2015
Congested Travel (% of peak VMT)				12.5		
Congested System (% of lane-miles)				8.2		
Congested Time (number of "Rush Hours")				0.9		
Annual Excess Fuel Consumed						
Total Fuel (1000 gallons)	7,653	10,582	10,188	9,502	9,352	9,179
Rank	46	55	53	54	54	54
Fuel per Peak Auto Commuter (gallons)	11	16	15	14	14	14
Rank	51	81	86	90	90	87
Annual Delay						
Total Delay (1000s of person-hours)	14,655	20,266	19,694	18,823	18,365	17,871
Rank	51	63	62	63	63	62
Delay per Auto Commuter (pers-hrs)	33	46	45	43	42	40
Rank	17	57	54	63	62	68
Travel Time Index	1.10	1.14	1.13	1.13	1.13	1.13
Rank	29	79	82	83	83	83
Commuter Stress Index	1.11	1.15	1.14	1.14		
Rank	31	81	84	86		
Freeway Planning Time Index (95th Pctile)		1.36	1.35	1.29		
Rank		62	58	72		
Congestion Cost						
Total Cost (\$ millions)	365	480	471	435	414	394
Rank	48	59	59	60	60	60
Cost per Auto Commuter (\$)	665	874	858	792	776	751
Rank	24	57	59	68	69	67
Truck Congestion						
Annual Person-Hours of Delay (000)	1,834	2,471	2,073	1,823	1,707	1,591
Rank	27	32	38	42	43	2 722
Annual Gallons of Wasted Fuel (000)	3,119	4,202	3,778	3,392	2,941	2,722
Rank	26	34	34	40	42	44 76
Annual Congestion Cost (\$ million) Rank	97 27	120 39	114 38	96 42	86 43	76 43
	21	39	36	42	43	43
Annual Greenhouse Gases (CO2) Produced	70.922	110 202		1	I	
Excess Due to Congestion (tons) Rank	79,822	110,382 54				
Nank Due to All Travel (tons)	3,044,671	4,210,330	 			
Rank	3,044,671	4,210,330	 			
	33	44				
Truck Annual Greenhouse Gases (CO2) Produced	24 602	16 712		1	I	
Excess Due to Truck Congestion (tons) Rank	34,692	46,743				
Rank Due to Truck Travel (tons)	1,365,023	1,839,163	 			
Rank	1,365,023	1,839,163	 			
IVAIIK	14	24				

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

Inventory Measures	2014	2013	2012	2011	2010	2009
Urban Area Information						
Population (1000s)	455	450	445	445	440	435
Rank	81	81	81	81	81	82
Commuters (1000s)	242	240	237	237	233	230
Daily Vehicle-Miles of Travel (1000s)						
Freeway	8,008	8,205	7,100	7,915	7,700	7,350
Arterial Streets	5,361	5,246	4,750	4,913	4,830	4,786
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)	3.10	3.29	3.33	3.13	2.58	2.15
Diesel (\$/gallon)	3.50	3.75	3.80	3.61	2.86	2.45
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)	9,109	9,063	8,974	9,008	8,913	8,824
Rank	54	54	54	54	53	53
Fuel per Peak Auto Commuter (gallons)	13	13	12	12	12	12
Rank	88	89	93	89	89	83
Annual Delay						
Total Delay (1000s of person-hours)	17,577	17,182	16,861	16,621	16,142	15,684
Rank	61	60	60	60	60	60
Delay per Auto Commuter (pers-hrs)	39	37	36	35	35	35
Rank	70	71	72	74	71	68
Travel Time Index	1.13	1.13	1.13	1.13	1.14	1.14
Rank	86	86	84	83	71	72
Commuter Stress Index						
Rank						
Freeway Planning Time Index (95th Pctile)						
Rank						
Congestion Cost						
Total Cost (\$ millions)	393	377	365	359	333	315
Rank	60	60	60	59	58	59
Cost per Auto Commuter (\$)	736	727	722	736	737	726
Rank	64	64	62	60	61	62
Truck Congestion						
Annual Person-Hours of Delay (000)	1,518	1,484	1,458	1,437	1,395	1,356
Rank	2 (01	2.500	2 525	2.546	2.519	2 402
Annual Gallons of Wasted Fuel (000)	2,601	2,560	2,535	2,546	2,518	2,492
Rank	44	44	44	44	44	44 50
Annual Congestion Cost (\$ million) Rank	73 44	67 44	64 44	69 44	62 44	59 43
	44	44	44	44	44	43
Annual Greenhouse Gases (CO2) Produced					I	
Excess Due to Congestion (tons) Rank						
Nank Due to All Travel (tons)						
Rank			 			
Truck Annual Greenhouse Gases (CO2) Produced				1	I	
Excess Due to Truck Congestion (tons)						
Rank Due to Travel (Travel (tons)						
Due to Truck Travel (tons)						
Rank						

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

Inventory Measures	2008	2007	2006	2005	2004	2003
Urban Area Information						
Population (1000s)	425	420	405	395	370	345
Rank	82	82	82	82	83	86
Commuters (1000s)	224	220	211	204	190	176
Daily Vehicle-Miles of Travel (1000s)						
Freeway	6,925	6,945	6,810	6,170	5,800	5,040
Arterial Streets	4,725	4,565	4,325	4,330	4,200	3,520
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)	3.35	2.89	2.54	2.23	1.85	1.46
Diesel (\$/gallon)	4.06	3.27	2.74	2.42	1.87	1.44
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)	8,708	7,989	7,280	6,982	6,501	5,825
Rank	54	57	59	57	58	64
Fuel per Peak Auto Commuter (gallons)	13	13	11	11	10	8
Rank	84	85	91	88	90	92
Annual Delay						
Total Delay (1000s of person-hours)	14,740	13,521	12,323	11,819	11,002	9,860
Rank	60	63	66	67	71	72
Delay per Auto Commuter (pers-hrs)	33	32	32	31	31	31
Rank	73	77	77	80	78	75
Travel Time Index	1.14	1.13	1.12	1.12	1.12	1.12
Rank	76	84	88	86	83	81
Commuter Stress Index						
Rank						
Freeway Planning Time Index (95th Pctile)						
Rank						
Congestion Cost						
Total Cost (\$ millions)	309	269	236	217	193	166
Rank	59	61	62	62	67	72
Cost per Auto Commuter (\$)	679	647	605	597	576	532
Rank	64	76	84	83	85	88
Truck Congestion						~ = -
Annual Person-Hours of Delay (000)	1,275	1,168	1,066	1,022	951	852
Rank	2 44	45 2.256	45	45	45	1.646
Annual Gallons of Wasted Fuel (000)	2,462	2,256	2,056	1,972	1,837	1,646
Rank	44	48	49	48	49	52
Annual Congestion Cost (\$ million) Rank	59 44	50 45	43 47	40 45	35 45	29 47
	44	43	4/	43	43	4/
Annual Greenhouse Gases (CO2) Produced						
Excess Due to Congestion (tons) Rank						
Nank Due to All Travel (tons)	 					
Rank	 		 		 	 -
Truck Annual Greenhouse Gases (CO2) Produced						
Excess Due to Truck Congestion (tons) Rank						
Rank Due to Truck Travel (tons)	 					
Rank		 	 		 	
IXGIIK						

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

Inventory Measures	2002	2001	2000	1999	1998	1997
Urban Area Information						
Population (1000s)	340	335	330	325	320	320
Rank	85	84	83	84	84	83
Commuters (1000s)	171	166	161	156	152	149
Daily Vehicle-Miles of Travel (1000s)						
Freeway	4,715	4,980	4,770	4,850	4,680	4,460
Arterial Streets	3,395	3,285	3,360	3,315	3,185	3,075
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)	1.32	1.44	1.45	1.03	1.00	1.10
Diesel (\$/gallon)	1.29	1.48	1.40	1.02	1.03	1.14
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)	5,602	5,186	4,506	4,082	3,630	3,128
Rank	63	67	71	72	72	74
Fuel per Peak Auto Commuter (gallons)	9	9	8	7	6	6
Rank	91	89	89	90	91	88
Annual Delay						
Total Delay (1000s of person-hours)	9,483	8,780	7,628	6,911	6,147	5,294
Rank	72	72	72	73	74	77
Delay per Auto Commuter (pers-hrs)	31	30	27	25	23	20
Rank	72	71	80	82	83	90
Travel Time Index	1.11	1.11	1.10	1.09	1.08	1.07
Rank	83	83	85	86	89	93
Commuter Stress Index						
Rank						
Freeway Planning Time Index (95th Pctile)						
Rank						
Congestion Cost			120	100		
Total Cost (\$ millions)	155	142	120	103	90	77
Rank	72	72	72	72	74	74
Cost per Auto Commuter (\$) Rank	520 87	490 88	437 88	408 87	373 89	329 91
	67	00	00	07	69	71
Truck Congestion	820	758	658	598	530	157
Annual Person-Hours of Delay (000) Rank	47	48	52	52	55	457 57
Annual Gallons of Wasted Fuel (000)	1,584	1,466	1,274	1,153	1,027	883
Rank	51	55	58	59	60	61
Annual Congestion Cost (\$ million)	27	24	20	17	15	13
Rank	47	49	53	54	55	58
Annual Greenhouse Gases (CO2) Produced	.,	.,	55	31	33	
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.

Inventory Measures	1996	1995	1994	1993	1992	1991
Urban Area Information						
Population (1000s)	315	310	310	310	310	310
Rank	83	83	83	82	82	81
Commuters (1000s)	145	140	138	136	134	132
Daily Vehicle-Miles of Travel (1000s)						
Freeway	4,440	4,215	4,125	3,915	3,830	3,890
Arterial Streets	3,055	3,020	2,865	2,770	2,880	2,795
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	1.08	1.01	1.04	1.05	1.10
Diesel (\$/gallon)	1.27	1.13	1.05	1.09	1.11	1.18
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)	2,809	2,556	2,417	2,007	1,800	1,733
Rank	74	74	74	76	76	76
Fuel per Peak Auto Commuter (gallons)	4	4	5	3	3	3
Rank	92	90	88	90	90	90
Annual Delay						
Total Delay (1000s of person-hours)	4,757	4,326	4,091	3,397	3,049	2,935
Rank	77	77	77	78	80	79
Delay per Auto Commuter (pers-hrs)	18	17	16	14	12	12
Rank	89	89	89	90	91	91
Travel Time Index	1.07	1.06	1.06	1.05	1.04	1.04
Rank	90	93	91	93	97	94
Commuter Stress Index						
Rank						
Freeway Planning Time Index (95th Pctile)						
Rank						
Congestion Cost		60		4.5	20	25
Total Cost (\$ millions)	68	60	55	45	39	37
Rank	76	76	76	78	79	78
Cost per Auto Commuter (\$) Rank	297 93	285 92	276 91	230 93	216 95	217 94
	93	92	91	93	93	94
Truck Congestion	410	374	353	293	264	252
Annual Person-Hours of Delay (000) Rank	58	59	58	63	62	253
Annual Gallons of Wasted Fuel (000)	793	723	684	568	509	62 489
Rank	62	62	62	64	68	64
Annual Congestion Cost (\$ million)	12	10	10	8	7	7
Rank	57	60	55	60	62	57
Annual Greenhouse Gases (CO2) Produced	57		55		02	
Excess Due to Congestion (tons)						
Rank	 					
Due to All Travel (tons)		<u></u>				
Rank						
Truck Annual Greenhouse Gases (CO2) Produced						
Excess Due to Truck Congestion (tons)						
Rank				<u></u>		
Due to Truck Travel (tons)						
Rank						

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

Inventory Measures	1990	1989	1988	1987	1986	1985
Urban Area Information						
Population (1000s)	310	310	305	300	295	290
Rank	80	78	79	79	78	78
Commuters (1000s)	130	129	126	123	120	117
Daily Vehicle-Miles of Travel (1000s)						
Freeway	3,600	3,560	3,445	3,300	3,000	2,870
Arterial Streets	2,765	2,695	2,460	2,385	2,315	2,300
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)	1.00	1.09	1.01	1.01	0.98	1.29
Diesel (\$/gallon)	1.01	1.02	0.94	0.94	0.92	1.21
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)	1,558	1,511	1,258	1,220	1,127	1,024
Rank	77	75	78	77	77	76
Fuel per Peak Auto Commuter (gallons)	2	2	2	2	2	1
Rank	93	90	87	86	84	90
Annual Delay						
Total Delay (1000s of person-hours)	2,637	2,559	2,128	2,065	1,906	1,733
Rank	80	79	81	80	80	79
Delay per Auto Commuter (pers-hrs)	11	11	9	9	8	8
Rank	90	90	90	88	90	90
Travel Time Index	1.04	1.04	1.03	1.03	1.03	1.03
Rank	94	92	94	92	91	89
Commuter Stress Index						
Rank						
Freeway Planning Time Index (95th Pctile)						
Rank						
Congestion Cost						
Total Cost (\$ millions)	32	30	24	22	20	18
Rank	79	78	80	79	78	78
Cost per Auto Commuter (\$)	201	201	178	179	179	165
Rank	91	90	92	91	89	89
Truck Congestion						
Annual Person-Hours of Delay (000)	227	222	183	178	165	149
Rank	63	60	63	61	62	61
Annual Gallons of Wasted Fuel (000)	439	428	354	346	318	290
Rank	66	63	66	66	65	64
Annual Congestion Cost (\$ million)	6	6	5	4	4	4
Rank	59	55	59	61	58	53
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.

Urban Area Information Population (1000s) 285 280 275 Rank 78 78 78 78 Commuters (1000s) 114 111 108 Daily Vehicle-Miles of Travel (1000s) 2 3	Inventory Measures	1984	1983	1982
Rank Commuters (1000s) 78 78 78 Daily Vehicle-Miles of Travel (1000s) − − Freeway Freeway 2,440 2,400 2,330 Arterial Streets 2,245 2,075 2,150 Cost Components Value of Time (\$\colored{\chap4}\chap4) 7,75 7,43 7,20 Commercial Cost (\$\chap4\chap4) 1,30 1,33 1,34 1,34	Urban Area Information			
Rank Commuters (1000s) 78 78 78 Daily Vehicle-Miles of Travel (1000s) − − Freeway Freeway 2,440 2,400 2,330 Arterial Streets 2,245 2,075 2,150 Cost Components Value of Time (\$\colored{\chap4}\chap4) 7,75 7,43 7,20 Commercial Cost (\$\chap4\chap4) 1,30 1,33 1,34 1,34	Population (1000s)	285	280	275
Daily Vehicle-Miles of Travel (1000s) Freeway 2,440 2,400 2,330 Arterial Streets 2,245 2,075 2,150 Cost Components		78	78	78
Freeway Arterial Streets 2,440 2,400 2,330 Arterial Streets 2,245 2,075 2,150 Cost Components Value of Time (S/hour) 7.75 7.43 7.20 Commercial Cost (S/bour) 23,94 23,63 23,31 Gasoline (S/gallon) 1.30 1.33 1.39 Diesel (S/gallon) 1.22 1.25 1.30 System Performance 1984 1983 1982 Congested Travel (% of peak VMT) Congested Travel (% of fane-miles) Congested Travel (% of peak VMT) Congested Travel (% of peak VMT)	Commuters (1000s)	114	111	108
Freeway Arterial Streets 2,440 2,400 2,330 Arterial Streets 2,245 2,075 2,150 Cost Components Value of Time (S/hour) 7.75 7.43 7.20 Commercial Cost (S/bour) 23,94 23,63 23,31 Gasoline (S/gallon) 1.30 1.33 1.39 Diesel (S/gallon) 1.22 1.25 1.30 System Performance 1984 1983 1982 Congested Travel (% of peak VMT) Congested Travel (% of fane-miles) Congested Travel (% of peak VMT) Congested Travel (% of peak VMT)				
Arterial Streets		2,440	2,400	2,330
Value of Time (Shour)	-			,
Value of Time (S/hour) 7.75 7.43 7.20 Commercial Cost (S/hour) 23.94 23.63 23.31 Gasoline (S/gallon) 1.30 1.33 1.39 Diesel (S/gallon) 1.22 1.25 1.30 System Performance 1984 1983 1982 Congested Travel (% of peak VMT) -		, -	,,,,,	,
Commercial Cost (S/hour) 23.94 23.63 23.31 Gasoline (S/gallon) 1.30 1.33 1.39 Dissel (S/gallon) 1.22 1.25 130 System Performance 1984 1983 1982 Congested Travel (% of peak VMT)	-	7 75	7 43	7.20
Gasoline (S/gallon) 1.30 1.33 1.39 1.30 1.22 1.25 1.30 1.30 1.22 1.25 1.30 1.30 1.32 1.25 1.30 1.30 1.32 1.35 1.30 1.32 1.35 1.30 1.32 1.30 1.32 1.30 1.32 1.30 1.32 1.30 1.32 1.30 1.32 1.30	` ´			
Diesel (Sgallon) 1.22 1.25 1.30	` ´			
System Performance				
Congested Travel (% of peak VMT)				
Congested System (% of lane-miles) Congested Time (number of "Rush Hours") Annual Excess Fuel Consumed Total Fuel (1000 gallons) 901 802 724 Rank 76 74 74 Fuel per Peak Auto Commuter (gallons) 1 1 1 Rank 87 86 82 Annual Delay 78 79 Delay per Auto Commuter (pers-hrs) 7 6 6 6 Rank 90 94 90	•		1705	
Congested Time (number of "Rush Hours") — — — Annual Excess Fuel Consumed 901 802 724 Rank 76 74 74 Fuel per Peak Auto Commuter (gallons) 1 1 1 1 Fuel per Peak Auto Commuter (gallons) 1 1 1 1 1 Rank 87 86 82 Annual Delay 1,526 1,356 1,224 Rank 79 78 79 6 6 6 6 82 79 78 79 9 94 90 94 90 90 94 90 90 94 90 90 94 90 <td></td> <td></td> <td></td> <td></td>				
Namual Excess Fuel Consumed Total Fuel (1000 gallons) 901 802 724				
Total Fuel (1000 gallons)				
Rank		224	222	- 2.4
Fuel per Peak Auto Commuter (gallons)				
Rank			, .	
Annual Delay Total Delay (1000s of person-hours) 1,526 1,356 1,224 Rank 79 78 79 Delay per Auto Commuter (pers-hrs) 7 6 6 Rank 90 94 90 Travel Time Index 1.03 1.02 1.02 Rank 85 89 89 Commuter Stress Index Rank Rank Rank Rank Rank 78 76 74 Cost per Auto Commuter (\$) 155 139 131 Rank 88 89 90 Truck Congestion Annual Person-Hours of Delay (000) 131 118 107 Rank 61 63 63 Annual Gallons of Wasted Fuel (000) 256 225 205 Rank 65 66 64 Annual Greenhouse Gases (CO2) Produced Excess Due to Congestion (tons) Rank Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank Truck Truck Truck (tons) Rank Truck Truck Truck (tons) Rank Truck Truck Truck (tons) Truck Truck Truck (ton		-	-	
Total Delay (1000s of person-hours)		87	86	82
Rank				
Delay per Auto Commuter (pers-hrs)		1,526		
Rank			78	79
Travel Time Index			-	
Rank	Rank	90	94	90
Commuter Stress Index	Travel Time Index	1.03	1.02	1.02
Rank	Rank	85	89	89
Freeway Planning Time Index (95th Pctile)	Commuter Stress Index			
Rank Congestion Cost Total Cost (\$ millions) 16 13 12 Rank 78 76 74 Cost per Auto Commuter (\$) 155 139 131 Rank 88 89 90 Truck Congestion Annual Person-Hours of Delay (000) 131 118 107 Rank 61 63 63 Annual Gallons of Wasted Fuel (000) 256 225 205 Rank 65 66 64 Annual Congestion Cost (\$ million) 3 3 3 Rank 58 54 50 Annual Greenhouse Gases (CO2) Produced 2 Excess Due to Congestion (tons) Rank Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank </td <td>Rank</td> <td></td> <td></td> <td></td>	Rank			
Congestion Cost 16 13 12 Rank 78 76 74 Cost per Auto Commuter (\$) 155 139 131 Rank 88 89 90 Truck Congestion 38 89 90 Truck Congestion 311 118 107 Rank 61 63 63 Annual Gallons of Wasted Fuel (000) 256 225 205 Rank 65 66 64 Annual Congestion Cost (\$ million) 3 3 3 Rank 58 54 50 Annual Greenhouse Gases (CO2) Produced 58 54 50 Annual Greenhouse Gases (CO2) Produced 58 54 50 Truck Annual Greenhouse Gases (CO2) Produced 58 54 50 Truck Annual Greenhouse Gases (CO2) Produced 58 54 50 Truck Annual Greenhouse Gases (CO2) Produced 58 54 50 Truck Annual Greenhouse Gases (CO2) Produced 59 50	Freeway Planning Time Index (95th Pctile)			
Total Cost (\$ millions)	Rank			
Rank 78 76 74 Cost per Auto Commuter (\$) 155 139 131 Rank 88 89 90 Truck Congestion Annual Person-Hours of Delay (000) 131 118 107 Rank 61 63 63 Annual Gallons of Wasted Fuel (000) 256 225 205 Rank 65 66 64 Annual Congestion Cost (\$ million) 3 3 3 Rank 58 54 50 Annual Greenhouse Gases (CO2) Produced Excess Due to Congestion (tons) Rank Due to All Travel (tons) Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank Turk Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons)	Congestion Cost			
Cost per Auto Commuter (\$)	Total Cost (\$ millions)	16	13	12
Rank	Rank	78	76	74
Name	Cost per Auto Commuter (\$)	155	139	131
Annual Person-Hours of Delay (000) Rank Annual Gallons of Wasted Fuel (000) Annual Gallons of Wasted Fuel (000) Rank Annual Congestion Cost (\$ million) 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 Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank Rank	Rank	88	89	90
Rank 61 63 63 Annual Gallons of Wasted Fuel (000) 256 225 205 Rank 65 66 64 Annual Congestion Cost (\$ million) 3 3 3 Rank 58 54 50 Annual Greenhouse Gases (CO2) Produced Excess Due to Congestion (tons) Rank Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank Due to Truck Travel (tons)	Truck Congestion			
Annual Gallons of Wasted Fuel (000) 256 225 205 Rank 65 66 64 Annual Congestion Cost (\$ million) 3 3 3 Rank 58 54 50 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 Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank Due to Truck Travel (tons)	Annual Person-Hours of Delay (000)	131	118	107
Rank 65 66 64 Annual Congestion Cost (\$ million) 3 3 3 Rank 58 54 50 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	61	63	63
Annual Congestion Cost (\$ million) 3 3 3 Rank 58 54 50 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)	Annual Gallons of Wasted Fuel (000)	256	225	205
Rank 58 54 50 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	65	66	64
Annual Greenhouse Gases (CO2) Produced	Annual Congestion Cost (\$ million)	3	3	3
Excess Due to Congestion (tons)	Rank	58	54	50
Excess Due to Congestion (tons)	Annual Greenhouse Gases (CO2) Produced			
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 Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank Due to Truck Travel (tons)	- ' '			
Rank Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) Rank Due to Truck Travel (tons)	Due to All Travel (tons)			
Excess Due to Truck Congestion (tons) Rank Due to Truck Travel (tons)				
Excess Due to Truck Congestion (tons) Rank Due to Truck Travel (tons)	Truck Annual Greenhouse Gases (CO2) Produced			
Rank Due to Truck Travel (tons)	1 1			
Due to Truck Travel (tons)	- ' '			
- xviiix	Rank			

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