Performance Measure Summary - Cape Coral FL

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)	630	630	610	595	585	575
Rank	67	67	70	72	73	73
Commuters (1000s)	322	322	312	304	298	293
Daily Vehicle-Miles of Travel (1000s)						
Freeway	2,227	2,379	2,350	2,249	2,193	2,016
Arterial Streets	7,537	8,052	7,843	7,672	7,650	7,342
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)	2.26	2.48	2.77	2.28	2.12	2.23
Diesel (\$/gallon)	2.71	2.85	3.15	2.48	2.31	2.55
System Performance	2020	2019	2018	2017	2016	2015
Congested Travel (% of peak VMT)				16.5		
Congested System (% of lane-miles)				12.1		
Congested Time (number of "Rush Hours")				1.2		
Annual Excess Fuel Consumed						
Total Fuel (1000 gallons)	3,086	8,916	7,872	6,762	5,689	5,550
Rank	77	62	63	69	75	75
Fuel per Peak Auto Commuter (gallons)	6	17	16	14	14	14
Rank	95	78	79	90	90	87
Annual Delay						
Total Delay (1000s of person-hours)	7,399	21,377	18,527	16,733	15,308	14,679
Rank	79	62	65	67	70	72
Delay per Auto Commuter (pers-hrs)	15	45	40	37	36	36
Rank	94	60	77	86	86	82
Travel Time Index	1.06	1.19	1.18	1.18	1.17	1.17
Rank	75	40	41	43	46	46
Commuter Stress Index	1.09	1.21	1.23	1.21		
Rank	44	44	40	41		
Freeway Planning Time Index (95th Pctile)		1.30	1.25	1.33		
Rank		68	76	66		
Congestion Cost						
Total Cost (\$ millions)	163	455	400	356	320	303
Rank	79	63	64	67	70	73
Cost per Auto Commuter (\$)	337	938	851	776	759	725
Rank	94	51	61	71	73	74
Truck Congestion	242	705	(52)	661	(42	61.5
Annual Person-Hours of Delay (000)	243	725	653	661	643	617
Rank	87	67	71	68	1 206	71
Annual Gallons of Wasted Fuel (000) Rank	449 86	1,339	1,271 66	1,222 70	1,206 70	1,177 70
Rank Annual Congestion Cost (\$ million)	13	36	36	35	33	30
Rank	85	71	70	68	67	69
Annual Greenhouse Gases (CO2) Produced	65	/ 1	70	00	07	0,9
Excess Due to Congestion (tons)	30,754	88,853		ı		
Rank	30,734	88,853				
Due to All Travel (tons)	1,023,297	2,956,435				 -
Rank	80	2,930,433				
Truck Annual Greenhouse Gases (CO2) Produced	00	37				
Excess Due to Truck Congestion (tons)	4,897	14,617		_		
Rank	85	66				 -
Due to Truck Travel (tons)	118,316	353,133				
Rank	93	85				
Kunk	. 93	63				

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

Inventory Measures	2014	2013	2012	2011	2010	2009
Urban Area Information						
Population (1000s)	570	545	520	505	490	475
Rank	73	75	75	78	78	78
Commuters (1000s)	290	282	269	261	252	244
Daily Vehicle-Miles of Travel (1000s)						
Freeway	1,856	1,768	1,730	1,793	1,763	1,700
Arterial Streets	7,118	5,808	5,860	5,879	5,780	5,900
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)	3.27	3.47	3.50	3.24	2.74	2.33
Diesel (\$/gallon)	3.60	3.90	3.87	3.65	2.96	2.59
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)	5,444	5,309	5,268	5,227	5,222	5,132
Rank	75	75	75	75	75	75
Fuel per Peak Auto Commuter (gallons)	13	13	13	13	13	12
Rank	88	89	87	84	84	83
Annual Delay						
Total Delay (1000s of person-hours)	14,274	13,799	13,449	13,103	12,851	12,395
Rank	72	73	71	70	70	70
Delay per Auto Commuter (pers-hrs)	35	35	36	36	36	36
Rank	80	79	72	69	64	61
Travel Time Index	1.18	1.18	1.18	1.19	1.10	1.20
Rank	39	39	38	38	98	36
Commuter Stress Index						
Rank						
Freeway Planning Time Index (95th Pctile)						
Rank						
Congestion Cost						
Total Cost (\$ millions)	299	285	274	263	248	234
Rank	73	73	72	72	70	70
Cost per Auto Commuter (\$)	700	684	675	680	688	675
Rank	74	75	73	71	69	68
Truck Congestion						
Annual Person-Hours of Delay (000)	600	580	565	550	540	521
Rank	71	71	70	69	68	69
Annual Gallons of Wasted Fuel (000)	1,154	1,126	1,117	1,108	1,107	1,088
Rank	71	72	70	70	70	69
Annual Congestion Cost (\$ million)	29	27	25	27	25	23
Rank	70	69	71	68	65	67
Annual Greenhouse Gases (CO2) Produced						
Excess Due to Congestion (tons)						
Rank						
Due to All Travel (tons)						
Rank						
Truck Annual Greenhouse Gases (CO2) Produced						
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)		 		 		

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

Inventory Measures	2008	2007	2006	2005	2004	2003
Urban Area Information						
Population (1000s)	465	460	440	410	390	370
Rank	78	78	79	81	81	81
Commuters (1000s)	238	234	222	206	195	184
Daily Vehicle-Miles of Travel (1000s)						
Freeway	1,645	1,845	1,900	1,875	1,795	1,500
Arterial Streets	5,965	6,155	5,950	5,600	5,325	5,100
Cost Components	3,703	0,133	3,750	3,000	3,323	3,100
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)	3.47	2.98	2.66	2.34	1.99	1.53
Diesel (\$/gallon)	4.15	3.36	2.85	2.53	2.01	1.61
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)	5,569	5,357	4,704	4,192	3,863	3,568
Rank	74	75	78	78	78	78
Fuel per Peak Auto Commuter (gallons)	15	15	12	11	10	10
Rank	75	73	86	88	90	89
Annual Delay						
Total Delay (1000s of person-hours)	12,808	12,321	10,820	9,643	8,885	8,206
Rank	67	70	76	76	77	76
Delay per Auto Commuter (pers-hrs)	38	37	34	33	32	31
Rank	47	54	69	71	73	75
Travel Time Index	1.22	1.21	1.20	1.19	1.18	1.18
Rank	34	36	37	38	38	38
Commuter Stress Index	J T				36	
Rank						
Freeway Planning Time Index (95th Pctile)						
Rank						
Congestion Cost	250	220	104	166	147	120
Total Cost (\$ millions) Rank	250	229 70	194 76	166 76	147 77	130 76
Cost per Auto Commuter (\$)	691	691	622	572	545	521
Rank	62	66	81	87	89	89
	02	00	01	07	69	09
Truck Congestion	520	517	454	40.5	272	2.45
Annual Person-Hours of Delay (000)	538	517	454	405	373	345
Rank	65	68	74	77	76	78 756
Annual Gallons of Wasted Fuel (000)	1,181	1,136	997	889	819	756
Rank	66	68	73	76	76	76
Annual Congestion Cost (\$ million)	25	23	19	16	14	12
Rank	66	68	73	75	74	75
Annual Greenhouse Gases (CO2) Produced						
Excess Due to Congestion (tons)	'					
Rank						
Rank Due to All Travel (tons)						
Rank			 	 		
Rank Due to All Travel (tons)						
Rank Due to All Travel (tons) Rank				 		
Rank Due to All Travel (tons) Rank Truck Annual Greenhouse Gases (CO2) Produced		 		 		
Rank Due to All Travel (tons) Rank Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons)						

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

Inventory Measures	2002	2001	2000	1999	1998	1997
Urban Area Information						
Population (1000s)	345	325	305	295	285	270
Rank	84	86	89	90	90	91
Commuters (1000s)	169	157	145	138	131	122
Daily Vehicle-Miles of Travel (1000s)						
Freeway	1,300	1,100	950	850	700	550
Arterial Streets	4,800	4,500	4,300	4,100	3,900	3,650
Cost Components	1,000	1,500	1,2 0 0	1,100	2,200	-,,,,
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	1.51	1.54	1.14	1.07	1.17
Diesel (\$\(\frac{9}{2}\)gallon)	1.41	1.58	1.55	1.19	1.20	1.27
System Performance	2002	2001	2000	1999	1998	1997
•						1))//
Congested Travel (% of peak VMT) Congested System (% of lane-miles)						
· · · · · · · · · · · · · · · · · · ·						
Congested Time (number of "Rush Hours")						
Annual Excess Fuel Consumed		• • • •	2 (2.0	2 202	2.105	4.040
Total Fuel (1000 gallons)	3,236	2,909	2,628	2,383	2,107	1,948
Rank	79	80	82	82	84	85
Fuel per Peak Auto Commuter (gallons)	9	8	7	7	5	5
Rank	91	92	91	90	93	92
Annual Delay						
Total Delay (1000s of person-hours)	7,442	6,691	6,045	5,481	4,845	4,479
Rank	76	77	79	80	80	82
Delay per Auto Commuter (pers-hrs)	31	30	29	27	25	25
Rank	72	71	71	74	76	73
Travel Time Index	1.17	1.17	1.16	1.15	1.14	1.14
Rank	40	38	43	50	53	46
Commuter Stress Index						
Rank						
Freeway Planning Time Index (95th Pctile)						
Rank						
Congestion Cost						
Total Cost (\$ millions)	115	102	90	78	67	62
Rank	76	77	79	80	81	79
Cost per Auto Commuter (\$)	482	439	409	381	343	322
Rank	89	89	89	91	92	93
Truck Congestion						
Annual Person-Hours of Delay (000)	313	281	254	230	203	188
Rank	79	80	82	83	83	84
Annual Gallons of Wasted Fuel (000)	686	617	557	505	447	413
Rank	75	78	82	82	86	86
Annual Congestion Cost (\$ million)	10	9	8	7	6	6
Rank	79	79	79	80	80	80
Annual Greenhouse Gases (CO2) Produced						
Excess Due to Congestion (tons)						
Rank						
Due to All Travel (tons)						
Due to Ith Thaver (tons)						
Rank						
· · ·						
Rank						
Rank Truck Annual Greenhouse Gases (CO2) Produced				 		
Rank Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons)				 		

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

Urban Area Information 2 <th>Inventory Measures</th> <th>1996</th> <th>1995</th> <th>1994</th> <th>1993</th> <th>1992</th> <th>1991</th>	Inventory Measures	1996	1995	1994	1993	1992	1991
Population (1001s) Popula	Urban Area Information						
Rank 91 90 90 80 89 89 89 100		265	260	255	250	250	245
Daily Vehicle-Miles of Travel (1000) Freeway		91	90	90	89	89	89
Treeway	Commuters (1000s)	118	114	110	107	105	101
Treeway	Daily Vehicle-Miles of Travel (1000s)						
Cost Components	· · · ·	400	350	340	335	330	295
Malue of Firme (shour)	Arterial Streets	3,595	3,465	3,100	2,775	2,430	2,205
Malue of Firme (shour)	Cost Components						
Gasaciane (Sgallon) 1.30 1.20 1.08 1.13 1.12 1.10 System Performance 1996 1995 1994 1993 1992 1991 Congested Travel (% of peak VMT)	•	11.71	11.37	11.06	10.78	10.47	10.17
Dissel (S'gallon) 1.90 1.90 1.90 1.92 1.20 1.20	Commercial Cost (\$/hour)	28.12	27.75	27.38	27.02	26.66	26.30
System Performance	Gasoline (\$/gallon)	1.30	1.20	1.08	1.13	1.12	1.10
Congested Travel (% of peak VMT)	Diesel (\$/gallon)	1.40	1.30	1.17	1.22	1.20	1.24
Congested System (% of lane-miles) -	System Performance	1996	1995	1994	1993	1992	1991
Congested Time (number of "Rush Hours")	Congested Travel (% of peak VMT)						
Total Fuel (1000 gallons)	Congested System (% of lane-miles)						
Total Fuel (1000 gallons)	Congested Time (number of "Rush Hours")						
Rank 85 83 84 85 85 Fuel per Peak Auto Commuter (gallons) 4 4 4 3 3 3 Rank 92 90 91 90 90 90 Annual Delay 3,865 3,437 3,272 3,107 2,884 Rank 79 79 81 80 79 80 Delay per Auto Commuter (pers-hrs) 23 23 21 20 19 19 Rank 74 73 75 74 74 68 Travel Time Index 1.13 1.13 1.12 1.11 1.11 Rank 50 47 50 45 49 46 Commuter Stress Index	Annual Excess Fuel Consumed						
Fuel per Peak Auto Commuter (gallons)	Total Fuel (1000 gallons)	1,778	1,680	1,494	1,423	1,351	1,254
Rank 92 90 91 90 90 Annual Delay 4,089 3,865 3,437 3,272 3,107 2,884 Rank 79 79 81 80 79 80 Delay per Auto Commuter (pers-hrs) 23 23 21 20 19 19 Rank 74 73 75 74 74 68 Travel Time Index 1.13 1.12 1.12 1.11 1.11 Rank 50 47 50 45 49 46 Commuter Stress Index <t< td=""><td>Rank</td><td>85</td><td>83</td><td>84</td><td>85</td><td>85</td><td>85</td></t<>	Rank	85	83	84	85	85	85
Annual Delay Total Delay (1000s of person-hours)	Fuel per Peak Auto Commuter (gallons)	4	4	4	3	3	3
Total Delay (1000s of person-hours)	Rank	92	90	91	90	90	90
Rank	Annual Delay						
Delay per Auto Commuter (pers-hrs) 23 23 21 20 19 19 Rank 74 73 75 74 74 68 Travel Time Index 1.13 1.13 1.12 1.12 1.11 1.11 Rank 50 47 50 45 49 466 Commuter Stress Index	Total Delay (1000s of person-hours)	4,089	3,865	3,437	3,272	3,107	2,884
Rank 74 73 75 74 74 68 Travel Time Index 1.13 1.13 1.12 1.12 1.11 1.11 Rank 50 47 50 45 49 46 Commuter Stress Index				81		79	80
Travel Time Index							
Rank 50 47 50 45 49 46 Commuter Stress Index	Rank	74	73	75	74	74	68
Commuter Stress Index		1.13	1.13	1.12	1.12	1.11	1.11
Rank -		50	47	50	45	49	46
Freeway Planning Time Index (95th Petile) </td <td></td> <td></td> <td></td> <td> </td> <td></td> <td> </td> <td></td>							
Rank -							
Total Cost (\$ millions)	,						
Total Cost (\$ millions)							
Rank 79 79 81 80 80 80 Cost per Auto Commuter (\$) 303 295 270 267 256 243 Rank 91 91 92 91 89 89 Truck Congestion Annual Person-Hours of Delay (000) 172 162 144 137 130 121 Rank 82 82 84 83 83 83 Annual Gallons of Wasted Fuel (000) 377 356 317 302 286 266 Rank 85 83 85 84 84 84 Annual Congestion Cost (\$ million) 5 5 4 4 4 3 Rank 80 80 81 80 79 82 Annual Greenhouse Gases (CO2) Produced 2					44	20	2.4
Cost per Auto Commuter (\$) 303 295 270 267 256 243 Rank 91 91 92 91 89 89 Truck Congestion Annual Person-Hours of Delay (000) 172 162 144 137 130 121 Rank 82 82 84 83 83 83 Annual Gallons of Wasted Fuel (000) 377 356 317 302 286 266 Rank 85 83 85 84 84 84 Annual Congestion Cost (\$ million) 5 5 4 4 4 3 Rank 80 80 81 80 79 82 Annual Greenhouse Gases (CO2) Produced 5							
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Truck Congestion 172 162 144 137 130 121 Rank 82 82 84 83 83 83 Annual Gallons of Wasted Fuel (000) 377 356 317 302 286 266 Rank 85 83 85 84 84 84 Annual Congestion Cost (\$ million) 5 5 4 4 4 3 Rank 80 80 81 80 79 82 Annual Greenhouse Gases (CO2) Produced Excess Due to Congestion (tons)	* * * * * * * * * * * * * * * * * * * *						
Annual Person-Hours of Delay (000) 172 162 144 137 130 121 Rank 82 82 84 84 83 83 83 Annual Gallons of Wasted Fuel (000) 377 356 317 302 286 266 Rank 85 83 85 84 84 84 Annual Congestion Cost (\$ million) 5 5 5 4 4 4 4 4 3 Rank 80 80 81 80 79 82 Annual Greenhouse Gases (CO2) Produced Excess Due to Congestion (tons) Rank		91	91	92	91	09	09
Rank 82 82 84 83 83 83 Annual Gallons of Wasted Fuel (000) 377 356 317 302 286 266 Rank 85 83 85 84 84 84 Annual Congestion Cost (\$ million) 5 5 4 4 4 4 3 Rank 80 80 81 80 79 82 Annual Greenhouse Gases (CO2) Produced 5 5 4 4 4 4 3 3 80 80 81 80 79 82 Annual Greenhouse Gases (CO2) Produced 5 5 5 4 4 4 4 3 3 80 80 81 80 79 82 80		172	160	144	127	120	121
Annual Gallons of Wasted Fuel (000) Rank 85 83 85 84 84 84 84 Annual Congestion Cost (\$ million) 5 5 5 4 4 4 4 3 Rank 80 80 80 81 80 79 82 Annual Greenhouse Gases (CO2) Produced Excess Due to Congestion (tons)	• • • •						
Rank 85 83 85 84 84 84 Annual Congestion Cost (\$ million) 5 5 4 4 4 4 3 Rank 80 80 81 80 79 82 Annual Greenhouse Gases (CO2) Produced <							
Annual Congestion Cost (\$ million) 5 5 5 4 4 4 9 80 79 82 Annual Greenhouse Gases (CO2) Produced Excess Due to Congestion (tons)	· · ·						
Rank 80 80 81 80 79 82 Annual Greenhouse Gases (CO2) Produced Excess Due to Congestion (tons)							
Annual Greenhouse Gases (CO2) Produced							
Excess Due to Congestion (tons)				01		,,,	
Rank <							
Due to All Travel (tons)	- · · · · · · · · · · · · · · · · · · ·						
Rank <							
Truck Annual Greenhouse Gases (CO2) Produced Excess Due to Truck Congestion (tons) <td< td=""><td>· · ·</td><td></td><td></td><td></td><td> </td><td></td><td></td></td<>	· · ·						
Excess Due to Truck Congestion (tons)							
Rank Due to Truck Travel (tons)	· · · ·						
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)	245	240	235	230	225	215
Rank	89	88	88	88	88	88
Commuters (1000s)	100	97	94	92	89	84
Daily Vehicle-Miles of Travel (1000s)						
Freeway	270	255	235	225	210	205
Arterial Streets	2,075	2,035	1,975	1,810	1,745	1,650
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)	1.05	1.08	1.00	1.00	0.98	1.28
Diesel (\$/gallon)	1.11	1.07	0.99	0.99	0.97	1.27
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)	1,164	1,066	940	829	775	673
Rank	83	83	83	83	83	83
Fuel per Peak Auto Commuter (gallons)	3	3	2	2	2	2
Rank	90	85	87	86	84	84
Annual Delay						
Total Delay (1000s of person-hours)	2,677	2,452	2,162	1,908	1,782	1,549
Rank	79	80	80	81	81	81
Delay per Auto Commuter (pers-hrs)	17	16	15	13	13	12
Rank	70	68	67	75	64	63
Travel Time Index	1.10	1.09	1.08	1.08	1.07	1.07
Rank	47	49	49	45	49	48
Commuter Stress Index						
Rank						
Freeway Planning Time Index (95th Pctile)						
Rank						
Congestion Cost						
Total Cost (\$ millions)	30	27	22	19	17	15
Rank	80	80	81	81	81	81
Cost per Auto Commuter (\$)	242	231	218	203	189	167
Rank	87	87	87	87	87	88
Truck Congestion	110	100	0.1	0.0		
Annual Person-Hours of Delay (000)	112	103	91	80	75	65
Rank	83	83	83	83 176	83	82
Annual Gallons of Wasted Fuel (000)	247	226	199	176	164	143
Rank Appeal Congestion Cost (\$ million)	83	83	83	83	83 2	82
Annual Congestion Cost (\$ million) Rank	81	76	2 83	81	76	2 73
	01	/0	0.3	01	/0	13
Annual Greenhouse Gases (CO2) Produced Excess Due to Congestion (tons)				1		
Rank		 				
Due to All Travel (tons)					 	
Rank						
Truck Annual Greenhouse Gases (CO2) Produced						
Excess Due to Truck Congestion (tons)				1		
Rank (tons)					 	
Due to Truck Travel (tons)					 	
Rank		 			 	
канк						

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

Inventory Measures	1984	1983	1982
Urban Area Information			
Population (1000s)	205	200	195
Rank	88	88	88
Commuters (1000s)	80	77	74
Daily Vehicle-Miles of Travel (1000s)			
Freeway	190	180	170
Arterial Streets	1,590	1,470	1,400
Cost Components	,	,	
Value of Time (\$/hour)	7.75	7.43	7.20
Commercial Cost (\$/hour)	23.94	23.63	23.31
Gasoline (\$/gallon)	1.29	1.32	1.38
Diesel (\$\(\frac{9}{2}\)allon)	1.28	1.31	1.37
System Performance	1984	1983	1982
•		1705	
Congested Travel (% of peak VMT)			
Congested System (% of lane-miles)			
Congested Time (number of "Rush Hours")			
Annual Excess Fuel Consumed	-0.		7.1.0
Total Fuel (1000 gallons)	596	566	513
Rank	83	83	83
Fuel per Peak Auto Commuter (gallons)	1	1	1
Rank	87	86	82
Annual Delay			
Total Delay (1000s of person-hours)	1,372	1,302	1,180
Rank	81	79	80
Delay per Auto Commuter (pers-hrs)	11	11	10
Rank	64	56	58
Travel Time Index	1.06	1.06	1.06
Rank	50	45	42
Commuter Stress Index			
Rank			
Freeway Planning Time Index (95th Pctile)			
Rank			
Congestion Cost			
Total Cost (\$ millions)	13	12	10
Rank	80	79	80
Cost per Auto Commuter (\$)	156	155	142
Rank	87	85	88
Truck Congestion			
Annual Person-Hours of Delay (000)	58	55	50
Rank	82	80	80
Annual Gallons of Wasted Fuel (000)	126	120	109
Rank	81	79	77
Annual Congestion Cost (\$ million)	1	1	1
Rank	82	79	78
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			
Runk			

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