

## The Mobility Data for All 90 Urban Areas - Average

Inventory Measures	2007	2006	2005	2004	2003	2002
<b>Urban Area Information</b>						
Population (1000s)	1,785	1,773	1,753	1,734	1,710	1,684
Rank						
Urban Area (square miles)	759	755	748	741	730	713
Population Density (persons/sq mile)	2,352	2,347	2,342	2,339	2,343	2,361
Peak Travelers (1000s)	966	956	939	924	906	882
<b>Freeway</b>						
Daily Vehicle-Miles of Travel (1000s)	16,437	16,314	16,159	15,835	15,403	14,885
Lane-Miles	1,012	1,004	990	975	955	934
<b>Arterial Streets</b>						
Daily Vehicle-Miles of Travel (1000s)	15,911	15,806	15,635	15,398	15,023	14,674
Lane-Miles	2,999	2,967	2,931	2,880	2,823	2,760
<b>Public Transportation</b>						
Annual Psgr-Miles of Travel (millions)	553.2	528.4	502.4	497.6	488.9	491.1
Annual Unlinked Psgr Trips (millions)	105.7	99.5	97.3	94.3	94.1	95.5
<b>Cost Components</b>						
Value of Time (\$/hour)	15.47	15.06	14.58	14.10	13.73	13.43
Commercial Cost (\$/hour)	102.12	98.77	94.06	86.24	82.38	79.96
Fuel Cost (\$/gallon)	3.04	2.68	2.34	1.98	1.56	1.42
System Performance	2007	2006	2005	2004	2003	2002
<b>Congested Travel</b> (% of peak VMT)	63	63	63	62	62	61
<b>Congested System</b> (% of lane-miles)	49	50	49	49	49	48
<b>Congested Time</b> (number of "Rush Hours")	7.0	7.0	7.0	7.0	6.9	6.9
<b>Annual Increase Needed to Maintain Constant Congestion Level:</b>						
Lane-miles	76	92	102	105	104	98
Transit Riders or Carpoolers (millions)	21	26	29	30	29	27
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	27,484	27,813	27,578	26,378	25,014	23,883
Rank						
Fuel per Peak Traveler (gallons)	28	29	29	29	28	27
Rank						
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	39,915	40,484	40,195	38,276	36,358	34,731
Rank						
Delay per Peak Traveler (person-hours)	41	42	43	41	40	39
Rank						
Delay due to Incidents (percent)	53	53	53	53	53	53
<b>Travel Time Index</b>	1.29	1.29	1.29	1.28	1.27	1.27
Rank						
<b>Congestion Cost</b>						
Total Cost (\$ millions)	842	822	781	704	639	594
Rank						
Cost per Peak Traveler (\$)	871	860	832	762	705	674
Rank						

Note: System Performance statistics for 2000 through 2007 data reflect the effects of operational treatments.

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

## The Mobility Data for All 90 Urban Areas - Average, Continued

Inventory Measures	2001	2000	1999	1998	1997
<b>Urban Area Information</b>					
Population (1000s)	1,657	1,630	1,603	1,580	1,555
Rank					
Urban Area (square miles)	699	685	673	660	647
Population Density (persons/sq mile)	2,372	2,380	2,382	2,394	2,403
Peak Travelers (1000s)	854	828	801	778	754
<b>Freeway</b>					
Daily Vehicle-Miles of Travel (1000s)	14,463	14,064	13,683	13,279	12,862
Lane-Miles	916	900	889	879	867
<b>Arterial Streets</b>					
Daily Vehicle-Miles of Travel (1000s)	14,279	13,987	13,668	13,331	13,103
Lane-Miles	2,712	2,665	2,620	2,580	2,537
<b>Public Transportation</b>					
Annual Psgr-Miles of Travel (millions)	497.5	482.3	461.3	444.5	424.3
Annual Unlinked Psgr Trips (millions)	95.4	92.1	90.0	85.7	83.5
<b>Cost Components</b>					
Value of Time (\$/hour)	13.22	12.85	12.43	12.17	11.98
Commercial Cost (\$/hour)	80.88	80.75	74.23	72.61	74.32
Fuel Cost (\$/gallon)	1.58	1.57	1.21	1.11	1.23
System Performance	2001	2000	1999	1998	1997
<b>Congested Travel</b> (% of peak VMT)	60	59	58	56	55
<b>Congested System</b> (% of lane-miles)	47	47	47	45	44
<b>Congested Time</b> (number of "Rush Hours")	6.8	6.8	6.7	6.6	6.5
<b>Annual Increase Needed to Maintain Constant Congestion Level:</b>					
Lane-miles	97	99	101	103	108
Transit Riders or Carpoolers (millions)	27	27	27	27	28
<b>Annual Excess Fuel Consumed</b>					
Total Fuel (1000 gallons)	22,561	21,469	20,572	19,205	18,302
Rank					
Fuel per Peak Traveler (gallons)	26	26	26	25	24
Rank					
<b>Annual Delay</b>					
Total Delay (1000s of person-hours)	32,872	31,393	30,028	28,021	26,910
Rank					
Delay per Peak Traveler (person-hours)	38	38	37	36	36
Rank					
Delay due to Incidents (percent)	53	53	53	53	53
<b>Travel Time Index</b>	1.26	1.25	1.25	1.24	1.23
Rank					
<b>Congestion Cost</b>					
Total Cost (\$ millions)	560	522	473	430	412
Rank					
Cost per Peak Traveler (\$)	655	631	590	553	547
Rank					

Note: System Performance statistics for 2000 through 2007 data reflect the effects of operational treatments.

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

## The Mobility Data for All 90 Urban Areas - Average, Continued

Inventory Measures	1996	1995	1994	1993	1992
<b>Urban Area Information</b>					
Population (1000s)	1,534	1,511	1,491	1,473	1,454
Rank					
Urban Area (square miles)	636	624	611	598	585
Population Density (persons/sq mile)	2,412	2,422	2,439	2,464	2,487
Peak Travelers (1000s)	732	710	690	672	653
<b>Freeway</b>					
Daily Vehicle-Miles of Travel (1000s)	12,501	12,141	11,741	11,377	10,978
Lane-Miles	858	849	840	827	805
<b>Arterial Streets</b>					
Daily Vehicle-Miles of Travel (1000s)	12,783	12,441	12,106	11,718	11,353
Lane-Miles	2,494	2,455	2,416	2,383	2,343
<b>Public Transportation</b>					
Annual Psgr-Miles of Travel (millions)	417.0	405.3	395.4	379.0	390.4
Annual Unlinked Psgr Trips (millions)	80.1	79.1	79.9	78.0	81.0
<b>Cost Components</b>					
Value of Time (\$/hour)	11.71	11.37	11.06	10.78	10.47
Commercial Cost (\$/hour)	74.17	71.54	69.53	67.77	66.19
Fuel Cost (\$/gallon)	1.28	1.19	1.10	1.14	1.16
System Performance	1996	1995	1994	1993	1992
<b>Congested Travel</b> (% of peak VMT)	53	52	50	49	48
<b>Congested System</b> (% of lane-miles)	44	43	42	42	41
<b>Congested Time</b> (number of "Rush Hours")	6.4	6.2	6.1	5.9	5.9
<b>Annual Increase Needed to Maintain Constant Congestion Level:</b>					
Lane-miles	113	109	110	110	114
Transit Riders or Carpoolers (millions)	29	28	27	27	28
<b>Annual Excess Fuel Consumed</b>					
Total Fuel (1000 gallons)	17,264	16,178	14,974	14,389	13,911
Rank					
Fuel per Peak Traveler (gallons)	24	23	22	21	21
Rank					
<b>Annual Delay</b>					
Total Delay (1000s of person-hours)	25,429	23,904	22,379	21,426	20,649
Rank					
Delay per Peak Traveler (person-hours)	35	34	32	32	32
Rank					
Delay due to Incidents (percent)	53	53	53	53	53
<b>Travel Time Index</b>	1.22	1.21	1.20	1.20	1.20
Rank					
<b>Congestion Cost</b>					
Total Cost (\$ millions)	383	349	316	296	277
Rank					
Cost per Peak Traveler (\$)	523	491	458	440	425
Rank					

Note: System Performance statistics for 2000 through 2007 data reflect the effects of operational treatments.

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

## The Mobility Data for All 90 Urban Areas - Average, Continued

Inventory Measures	1991	1990	1989	1988	1987
<b>Urban Area Information</b>					
Population (1000s)	1,438	1,415	1,396	1,378	1,355
Rank					
Urban Area (square miles)	570	560	550	542	531
Population Density (persons/sq mile)	2,521	2,528	2,540	2,544	2,550
Peak Travelers (1000s)	636	616	603	590	575
<b>Freeway</b>					
Daily Vehicle-Miles of Travel (1000s)	10,548	10,315	9,956	9,485	8,996
Lane-Miles	781	764	747	732	717
<b>Arterial Streets</b>					
Daily Vehicle-Miles of Travel (1000s)	10,977	10,708	10,410	10,179	9,791
Lane-Miles	2,304	2,268	2,232	2,197	2,150
<b>Public Transportation</b>					
Annual Psgr-Miles of Travel (millions)	402.4	406.4	410.6	397.3	375.6
Annual Unlinked Psgr Trips (millions)	82.1	84.4	86.1	82.6	83.7
<b>Cost Components</b>					
Value of Time (\$/hour)	10.17	9.75	9.25	8.83	8.48
Commercial Cost (\$/hour)	64.55	62.47	59.16	56.03	54.62
Fuel Cost (\$/gallon)	1.14	1.09	1.12	1.03	1.04
System Performance	1991	1990	1989	1988	1987
<b>Congested Travel</b> (% of peak VMT)	47	47	45	43	40
<b>Congested System</b> (% of lane-miles)	41	40	39	39	37
<b>Congested Time</b> (number of "Rush Hours")	5.8	5.7	5.6	5.5	5.3
<b>Annual Increase Needed to Maintain Constant Congestion Level:</b>					
Lane-miles	112	123	128	129	124
Transit Riders or Carpoolers (millions)	27	30	31	31	29
<b>Annual Excess Fuel Consumed</b>					
Total Fuel (1000 gallons)	13,155	12,900	12,119	11,048	9,539
Rank					
Fuel per Peak Traveler (gallons)	21	21	20	19	17
Rank					
<b>Annual Delay</b>					
Total Delay (1000s of person-hours)	19,510	19,255	18,193	16,751	14,479
Rank					
Delay per Peak Traveler (person-hours)	31	31	30	28	25
Rank					
Delay due to Incidents (percent)	53	53	53	53	53
<b>Travel Time Index</b>	1.20	1.20	1.19	1.18	1.16
Rank					
<b>Congestion Cost</b>					
Total Cost (\$ millions)	254	241	217	189	158
Rank					
Cost per Peak Traveler (\$)	400	391	359	321	274
Rank					

Note: System Performance statistics for 2000 through 2007 data reflect the effects of operational treatments.

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

## The Mobility Data for All 90 Urban Areas - Average, Continued

Inventory Measures	1986	1985	1984	1983	1982
<b>Urban Area Information</b>					
Population (1000s)	1,335	1,311	1,289	1,277	1,266
Rank					
Urban Area (square miles)	523	512	500	490	480
Population Density (persons/sq mile)	2,555	2,560	2,578	2,608	2,637
Peak Travelers (1000s)	561	546	532	523	513
<b>Freeway</b>					
Daily Vehicle-Miles of Travel (1000s)	8,465	7,970	7,554	7,131	6,760
Lane-Miles	703	691	679	664	645
<b>Arterial Streets</b>					
Daily Vehicle-Miles of Travel (1000s)	9,575	9,223	8,890	8,663	8,408
Lane-Miles	2,128	2,095	2,062	2,030	1,999
<b>Public Transportation</b>					
Annual Psgr-Miles of Travel (millions)	377.1	396.3	389.1	389.1	389.1
Annual Unlinked Psgr Trips (millions)	84.6	89.0	91.7	91.7	91.7
<b>Cost Components</b>					
Value of Time (\$/hour)	8.18	8.03	7.75	7.43	7.20
Commercial Cost (\$/hour)	52.63	55.80	54.65	52.70	52.13
Fuel Cost (\$/gallon)	1.01	1.32	1.34	1.37	1.43
System Performance	1986	1985	1984	1983	1982
<b>Congested Travel</b> (% of peak VMT)	38	34	32	30	29
<b>Congested System</b> (% of lane-miles)	35	33	32	30	30
<b>Congested Time</b> (number of "Rush Hours")	5.1	4.8	4.6	4.4	4.2
<b>Annual Increase Needed to Maintain Constant Congestion Level:</b>					
Lane-miles	--	--	--	--	--
Transit Riders or Carpoolers (millions)	--	--	--	--	--
<b>Annual Excess Fuel Consumed</b>					
Total Fuel (1000 gallons)	8,315	7,140	6,158	5,482	5,111
Rank					
Fuel per Peak Traveler (gallons)	15	13	12	10	10
Rank					
<b>Annual Delay</b>					
Total Delay (1000s of person-hours)	12,823	11,193	9,680	8,693	8,091
Rank					
Delay per Peak Traveler (person-hours)	23	20	18	17	16
Rank					
Delay due to Incidents (percent)	53	53	54	54	53
<b>Travel Time Index</b>	1.15	1.13	1.12	1.11	1.10
Rank					
<b>Congestion Cost</b>					
Total Cost (\$ millions)	135	120	100	87	79
Rank					
Cost per Peak Traveler (\$)	240	219	189	166	155
Rank					

Note: System Performance statistics for 2000 through 2007 data reflect the effects of operational treatments.

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

**Benefits from Public Transportation Service and Operations Strategies in  
All 90 Urban Areas - Average**

<b>Operations Strategies</b>	<b>2007</b>	<b>2006</b>	<b>2005</b>	<b>2004</b>
<b>Freeway Ramp Metering</b>				
Percent of Roadway Miles	35	34	34	34
Annual Delay Reduction (1000 hours)	1,591	1,569	1,540	1,476
<b>Freeway Incident Management</b>				
<b>Cameras</b>				
Percent of Roadway Miles	44	43	43	43
<b>Service Patrols</b>				
Percent of Roadway Miles	68	68	68	68
Annual Delay Reduction (1000 hours)	1,736	1,809	1,511	1,366
<b>Arterial Signal Coordination</b>				
Percent of Roadway Miles	57	55	53	52
Annual Delay Reduction (1000 hours)	181	184	188	184
<b>Arterial Access Management</b>				
Percent of Roadway Miles	30	29	29	29
Annual Delay Reduction (1000 hours)	674	671	645	638
<b>HOV Lanes</b>				
Daily Passenger-miles of travel (1000s)	1,293	1,219	1,168	1,094
HOV User Delay Savings	2,313	2,234	2,069	1,811
<b>Total Effect of Operations Treatments</b>				
Annual Delay Reduction (1000 hours)	3,231	3,235	2,921	2,723
Annual Delay Saved per Peak Traveler (hours)	3	3	3	3
Annual Congestion Cost Savings (\$million)	67.8	65.4	56.5	49.9
Travel Time Index with Strategies	1.286	1.293	1.293	1.284
Travel Time Index (Base)	1.309	1.315	1.313	1.303
<b>Public Transportation Service</b>	<b>2007</b>	<b>2006</b>	<b>2005</b>	<b>2004</b>
<b>Existing Service</b>				
Annual Passenger-miles of travel (million)	553	528	502	498
Unlinked Passenger Trips (million)	106	99	97	94
Travel Time Index (combined road and transit)	1.291	1.298	1.296	1.287
<b>Condition if Public Transportation Service were Discontinued</b>				
Travel Time Index	1.340	1.346	1.343	1.333
Annual Increase				
Delay (1000 hours)	7,002	6,723	6,435	6,397
Delay per Peak Traveler (hours)	7	7	7	7
Congestion Cost (\$million)	148.8	137.8	126.3	119.2

**Benefits from Public Transportation Service and Operations Strategies in  
All 90 Urban Areas - Average, Continued**

<b>Operations Strategies</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>	<b>2000</b>
<b>Freeway Ramp Metering</b>				
Percent of Roadway Miles	34	30	30	29
Annual Delay Reduction (1000 hours)	1,345	951	941	852
<b>Freeway Incident Management</b>				
<b>Cameras</b>				
Percent of Roadway Miles	40	34	31	28
<b>Service Patrols</b>				
Percent of Roadway Miles	67	68	63	59
Annual Delay Reduction (1000 hours)	1,275	1,155	1,093	989
<b>Arterial Signal Coordination</b>				
Percent of Roadway Miles	51	50	49	49
Annual Delay Reduction (1000 hours)	178	176	174	173
<b>Arterial Access Management</b>				
Percent of Roadway Miles	28	27	27	26
Annual Delay Reduction (1000 hours)	641	589	568	507
<b>HOV Lanes</b>				
Daily Passenger-miles of travel (1000s)	1,034	966	904	862
HOV User Delay Savings	1,610	1,444	1,303	1,149
<b>Total Effect of Operations Treatments</b>				
Annual Delay Reduction (1000 hours)	2,527	2,223	1,989	1,760
Annual Delay Saved per Peak Traveler (hours)	3	3	2	2
Annual Congestion Cost Savings (\$million)	44.3	37.9	33.8	29.2
Travel Time Index with Strategies	1.275	1.269	1.261	1.253
Travel Time Index (Base)	1.293	1.286	1.275	1.266
<b>Public Transportation Service</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>	<b>2000</b>
<b>Existing Service</b>				
Annual Passenger-miles of travel (million)	489	491	498	482
Unlinked Passenger Trips (million)	94	96	95	92
Travel Time Index (combined road and transit)	1.277	1.270	1.260	1.251
<b>Condition if Public Transportation Service were Discontinued</b>				
Travel Time Index	1.321	1.316	1.306	1.296
Annual Increase				
Delay (1000 hours)	6,071	6,169	6,095	5,865
Delay per Peak Traveler (hours)	7	7	7	7
Congestion Cost (\$million)	107.9	107.3	105.5	99.2

## The Mobility Data for All 90 Urban Areas - Total

Inventory Measures	2007	2006	2005	2004	2003	2002
<b>Urban Area Information</b>						
Population (1000s)	160,620	159,565	157,725	156,020	153,925	151,560
Rank						
Urban Area (square miles)	68,295	67,990	67,340	66,705	65,705	64,190
Population Density (persons/sq mile)	2,352	2,347	2,342	2,339	2,343	2,361
Peak Travelers (1000s)	86,937	86,022	84,518	83,146	81,571	79,352
<b>Freeway</b>						
Daily Vehicle-Miles of Travel (1000s)	1,479,335	1,468,250	1,454,320	1,425,105	1,386,290	1,339,660
Lane-Miles	91,100	90,335	89,120	87,750	85,985	84,095
<b>Arterial Streets</b>						
Daily Vehicle-Miles of Travel (1000s)	1,432,015	1,422,520	1,407,180	1,385,835	1,352,030	1,320,620
Lane-Miles	269,925	266,995	263,795	259,195	254,030	248,380
<b>Public Transportation</b>						
Annual Psgr-Miles of Travel (millions)	49,790	47,553	45,212	44,784	44,000	44,195
Annual Unlinked Psgr Trips (millions)	9,515	8,952	8,756	8,490	8,468	8,595
<b>Cost Components</b>						
Value of Time (\$/hour)	15.47	15.06	14.58	14.10	13.73	13.43
Commercial Cost (\$/hour)	102.12	98.77	94.06	86.24	82.38	79.96
Fuel Cost (\$/gallon)	3.04	2.68	2.34	1.98	1.56	1.42
System Performance	2007	2006	2005	2004	2003	2002
<b>Congested Travel</b> (% of peak VMT)	63	63	63	62	62	61
<b>Congested System</b> (% of lane-miles)	49	50	49	49	49	48
<b>Congested Time</b> (number of "Rush Hours")	7.0	7.0	7.0	7.0	6.9	6.9
<b>Annual Increase Needed to Maintain Constant Congestion Level:</b>						
Lane-miles	6,837	8,278	9,140	9,477	9,359	8,851
Transit Riders or Carpoolers (millions)	1,884	2,309	2,574	2,682	2,639	2,469
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	2,473,532	2,503,172	2,481,996	2,374,031	2,251,228	2,149,442
Rank						
Fuel per Peak Traveler (gallons)	28	29	29	29	28	27
Rank						
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	3,592,338	3,643,551	3,617,573	3,444,856	3,272,237	3,125,833
Rank						
Delay per Peak Traveler (person-hours)	41	42	43	41	40	39
Rank						
Delay due to Incidents (percent)	53	53	53	53	53	53
<b>Travel Time Index</b>	1.29	1.29	1.29	1.28	1.27	1.27
Rank						
<b>Congestion Cost</b>						
Total Cost (\$ millions)	75,761	73,976	70,295	63,361	57,479	53,463
Rank						
Cost per Peak Traveler (\$)	871	860	832	762	705	674
Rank						

Note: System Performance statistics for 2000 through 2007 data reflect the effects of operational treatments.

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

## The Mobility Data for All 90 Urban Areas - Total, Continued

Inventory Measures	2001	2000	1999	1998	1997
<b>Urban Area Information</b>					
Population (1000s)	149,130	146,735	144,230	142,225	139,985
Rank					
Urban Area (square miles)	62,870	61,660	60,551	59,415	58,250
Population Density (persons/sq mile)	2,372	2,380	2,382	2,394	2,403
Peak Travelers (1000s)	76,871	74,481	72,099	70,029	67,863
<b>Freeway</b>					
Daily Vehicle-Miles of Travel (1000s)	1,301,655	1,265,800	1,231,460	1,195,068	1,157,590
Lane-Miles	82,450	81,010	80,030	79,129	78,020
<b>Arterial Streets</b>					
Daily Vehicle-Miles of Travel (1000s)	1,285,115	1,258,800	1,230,130	1,199,815	1,179,250
Lane-Miles	244,100	239,870	235,820	232,160	228,310
<b>Public Transportation</b>					
Annual Psgr-Miles of Travel (millions)	44,776	43,403	41,519	40,008	38,188
Annual Unlinked Psgr Trips (millions)	8,583	8,292	8,101	7,717	7,516
<b>Cost Components</b>					
Value of Time (\$/hour)	13.22	12.85	12.43	12.17	11.98
Commercial Cost (\$/hour)	80.88	80.75	74.23	72.61	74.32
Fuel Cost (\$/gallon)	1.58	1.57	1.21	1.11	1.23
System Performance	2001	2000	1999	1998	1997
<b>Congested Travel</b> (% of peak VMT)	60	59	58	56	55
<b>Congested System</b> (% of lane-miles)	47	47	47	45	44
<b>Congested Time</b> (number of "Rush Hours")	6.8	6.8	6.7	6.6	6.5
<b>Annual Increase Needed to Maintain Constant Congestion Level:</b>					
Lane-miles	8,709	8,886	9,086	9,249	9,714
Transit Riders or Carpoolers (millions)	2,390	2,399	2,426	2,443	2,550
<b>Annual Excess Fuel Consumed</b>					
Total Fuel (1000 gallons)	2,030,479	1,932,246	1,851,479	1,728,414	1,647,148
Rank					
Fuel per Peak Traveler (gallons)	26	26	26	25	24
Rank					
<b>Annual Delay</b>					
Total Delay (1000s of person-hours)	2,958,478	2,825,365	2,702,546	2,521,883	2,421,913
Rank					
Delay per Peak Traveler (person-hours)	38	38	37	36	36
Rank					
Delay due to Incidents (percent)	53	53	53	53	53
<b>Travel Time Index</b>	1.26	1.25	1.25	1.24	1.23
Rank					
<b>Congestion Cost</b>					
Total Cost (\$ millions)	50,386	46,985	42,529	38,725	37,100
Rank					
Cost per Peak Traveler (\$)	655	631	590	553	547
Rank					

Note: System Performance statistics for 2000 through 2007 data reflect the effects of operational treatments.

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

## The Mobility Data for All 90 Urban Areas - Total, Continued

Inventory Measures	1996	1995	1994	1993	1992
<b>Urban Area Information</b>					
Population (1000s)	138,015	135,995	134,160	132,555	130,882
Rank					
Urban Area (square miles)	57,215	56,145	55,010	53,790	52,618
Population Density (persons/sq mile)	2,412	2,422	2,439	2,464	2,487
Peak Travelers (1000s)	65,883	63,931	62,123	60,454	58,790
<b>Freeway</b>					
Daily Vehicle-Miles of Travel (1000s)	1,125,100	1,092,655	1,056,720	1,023,955	987,980
Lane-Miles	77,180	76,395	75,555	74,410	72,460
<b>Arterial Streets</b>					
Daily Vehicle-Miles of Travel (1000s)	1,150,425	1,119,705	1,089,555	1,054,590	1,021,793
Lane-Miles	224,435	220,930	217,445	214,435	210,825
<b>Public Transportation</b>					
Annual Psgr-Miles of Travel (millions)	37,526	36,477	35,586	34,109	35,134
Annual Unlinked Psgr Trips (millions)	7,207	7,121	7,187	7,021	7,289
<b>Cost Components</b>					
Value of Time (\$/hour)	11.71	11.37	11.06	10.78	10.47
Commercial Cost (\$/hour)	74.17	71.54	69.53	67.77	66.19
Fuel Cost (\$/gallon)	1.28	1.19	1.10	1.14	1.16
System Performance	1996	1995	1994	1993	1992
<b>Congested Travel</b> (% of peak VMT)	53	52	50	49	48
<b>Congested System</b> (% of lane-miles)	44	43	42	42	41
<b>Congested Time</b> (number of "Rush Hours")	6.4	6.2	6.1	5.9	5.9
<b>Annual Increase Needed to Maintain Constant Congestion Level:</b>					
Lane-miles	10,172	9,838	9,916	9,906	10,276
Transit Riders or Carpoolers (millions)	2,643	2,511	2,465	2,414	2,498
<b>Annual Excess Fuel Consumed</b>					
Total Fuel (1000 gallons)	1,553,801	1,456,041	1,347,637	1,295,019	1,252,024
Rank					
Fuel per Peak Traveler (gallons)	24	23	22	21	21
Rank					
<b>Annual Delay</b>					
Total Delay (1000s of person-hours)	2,288,612	2,151,397	2,014,104	1,928,344	1,858,397
Rank					
Delay per Peak Traveler (person-hours)	35	34	32	32	32
Rank					
Delay due to Incidents (percent)	53	53	53	53	53
<b>Travel Time Index</b>					
	1.22	1.21	1.20	1.20	1.20
Rank					
<b>Congestion Cost</b>					
Total Cost (\$ millions)	34,490	31,393	28,426	26,612	24,972
Rank					
Cost per Peak Traveler (\$)	523	491	458	440	425
Rank					

Note: System Performance statistics for 2000 through 2007 data reflect the effects of operational treatments.

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

## The Mobility Data for All 90 Urban Areas - Total, Continued

Inventory Measures	1991	1990	1989	1988	1987
<b>Urban Area Information</b>					
Population (1000s)	129,420	127,310	125,635	124,000	121,940
Rank					
Urban Area (square miles)	51,335	50,365	49,460	48,745	47,815
Population Density (persons/sq mile)	2,521	2,528	2,540	2,544	2,550
Peak Travelers (1000s)	57,239	55,440	54,250	53,067	51,739
<b>Freeway</b>					
Daily Vehicle-Miles of Travel (1000s)	949,280	928,345	896,026	853,605	809,610
Lane-Miles	70,300	68,775	67,245	65,835	64,530
<b>Arterial Streets</b>					
Daily Vehicle-Miles of Travel (1000s)	987,970	963,750	936,880	916,100	881,190
Lane-Miles	207,340	204,090	200,870	197,745	193,465
<b>Public Transportation</b>					
Annual Psgr-Miles of Travel (millions)	36,218	36,572	36,950	35,761	33,802
Annual Unlinked Psgr Trips (millions)	7,391	7,597	7,753	7,432	7,533
<b>Cost Components</b>					
Value of Time (\$/hour)	10.17	9.75	9.25	8.83	8.48
Commercial Cost (\$/hour)	64.55	62.47	59.16	56.03	54.62
Fuel Cost (\$/gallon)	1.14	1.09	1.12	1.03	1.04
System Performance	1991	1990	1989	1988	1987
<b>Congested Travel</b> (% of peak VMT)	47	47	45	43	40
<b>Congested System</b> (% of lane-miles)	41	40	39	39	37
<b>Congested Time</b> (number of "Rush Hours")	5.8	5.7	5.6	5.5	5.3
<b>Annual Increase Needed to Maintain Constant Congestion Level:</b>					
Lane-miles	10,054	11,039	11,519	11,598	11,123
Transit Riders or Carpoolers (millions)	2,454	2,731	2,833	2,795	2,618
<b>Annual Excess Fuel Consumed</b>					
Total Fuel (1000 gallons)	1,183,994	1,161,008	1,090,712	994,317	858,486
Rank					
Fuel per Peak Traveler (gallons)	21	21	20	19	17
Rank					
<b>Annual Delay</b>					
Total Delay (1000s of person-hours)	1,755,939	1,732,952	1,637,403	1,507,615	1,303,101
Rank					
Delay per Peak Traveler (person-hours)	31	31	30	28	25
Rank					
Delay due to Incidents (percent)	53	53	53	53	53
Rank					
<b>Travel Time Index</b>	1.20	1.20	1.19	1.18	1.16
Rank					
<b>Congestion Cost</b>					
Total Cost (\$ millions)	22,873	21,697	19,489	17,037	14,195
Rank					
Cost per Peak Traveler (\$)	400	391	359	321	274
Rank					

Note: System Performance statistics for 2000 through 2007 data reflect the effects of operational treatments.

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

## The Mobility Data for All 90 Urban Areas - Total, Continued

Inventory Measures	1986	1985	1984	1983	1982
<b>Urban Area Information</b>					
Population (1000s)	120,165	117,965	115,980	114,910	113,955
Rank					
Urban Area (square miles)	47,025	46,080	44,990	44,060	43,215
Population Density (persons/sq mile)	2,555	2,560	2,578	2,608	2,637
Peak Travelers (1000s)	50,524	49,162	47,910	47,077	46,180
<b>Freeway</b>					
Daily Vehicle-Miles of Travel (1000s)	761,830	717,296	679,815	641,795	608,370
Lane-Miles	63,227	62,147	61,075	59,790	58,030
<b>Arterial Streets</b>					
Daily Vehicle-Miles of Travel (1000s)	861,765	830,100	800,115	779,685	756,740
Lane-Miles	191,540	188,510	185,570	182,690	179,920
<b>Public Transportation</b>					
Annual Psgr-Miles of Travel (millions)	33,941	35,671	35,016	35,016	35,016
Annual Unlinked Psgr Trips (millions)	7,616	8,008	8,255	8,255	8,255
<b>Cost Components</b>					
Value of Time (\$/hour)	8.18	8.03	7.75	7.43	7.20
Commercial Cost (\$/hour)	52.63	55.80	54.65	52.70	52.13
Fuel Cost (\$/gallon)	1.01	1.32	1.34	1.37	1.43
System Performance	1986	1985	1984	1983	1982
<b>Congested Travel</b> (% of peak VMT)	38	34	32	30	29
<b>Congested System</b> (% of lane-miles)	35	33	32	30	30
<b>Congested Time</b> (number of "Rush Hours")	5.1	4.8	4.6	4.4	4.2
<b>Annual Increase Needed to Maintain Constant Congestion Level:</b>					
Lane-miles	--	--	--	--	--
Transit Riders or Carpoolers (millions)	--	--	--	--	--
<b>Annual Excess Fuel Consumed</b>					
Total Fuel (1000 gallons)	748,338	642,565	554,259	493,349	459,979
Rank					
Fuel per Peak Traveler (gallons)	15	13	12	10	10
Rank					
<b>Annual Delay</b>					
Total Delay (1000s of person-hours)	1,154,064	1,007,334	871,217	782,386	728,211
Rank					
Delay per Peak Traveler (person-hours)	23	20	18	17	16
Rank					
Delay due to Incidents (percent)	53	53	54	54	53
<b>Travel Time Index</b>	1.15	1.13	1.12	1.11	1.10
Rank					
<b>Congestion Cost</b>					
Total Cost (\$ millions)	12,123	10,766	9,042	7,829	7,147
Rank					
Cost per Peak Traveler (\$)	240	219	189	166	155
Rank					

Note: System Performance statistics for 2000 through 2007 data reflect the effects of operational treatments.

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

**Benefits from Public Transportation Service and Operations Strategies in  
All 90 Urban Areas - Total**

<b>Operations Strategies</b>	<b>2007</b>	<b>2006</b>	<b>2005</b>	<b>2004</b>
<b>Freeway Ramp Metering</b>				
Percent of Roadway Miles	35	34	34	34
Annual Delay Reduction (1000 hours)	39,775	39,217	38,503	36,891
<b>Freeway Incident Management</b>				
<b>Cameras</b>				
Percent of Roadway Miles	44	43	43	43
<b>Service Patrols</b>				
Percent of Roadway Miles	68	68	68	68
Annual Delay Reduction (1000 hours)	137,144	139,304	116,311	105,175
<b>Arterial Signal Coordination</b>				
Percent of Roadway Miles	57	55	53	52
Annual Delay Reduction (1000 hours)	16,254	16,565	16,886	16,543
<b>Arterial Access Management</b>				
Percent of Roadway Miles	30	29	29	29
Annual Delay Reduction (1000 hours)	60,637	60,359	58,083	57,456
<b>HOV Lanes</b>				
Daily Passenger-miles of travel (1000s)	20,688	19,498	18,684	17,497
HOV User Delay Savings	37,014	35,739	33,103	28,978
<b>Total Effect of Operations Treatments</b>				
Annual Delay Reduction (1000 hours)	290,824	291,184	262,885	245,043
Annual Delay Saved per Peak Traveler (hours)	3	3	3	3
Annual Congestion Cost Savings (\$million)	6,105.3	5,886.6	5,081.6	4,493.7
Travel Time Index with Strategies	1.286	1.293	1.293	1.284
Travel Time Index (Base)	1.309	1.315	1.313	1.303
<b>Public Transportation Service</b>	<b>2007</b>	<b>2006</b>	<b>2005</b>	<b>2004</b>
<b>Existing Service</b>				
Annual Passenger-miles of travel (million)	49,790	47,553	45,212	44,784
Unlinked Passenger Trips (million)	9,515	8,952	8,756	8,490
Travel Time Index (combined road and transit)	1.291	1.298	1.296	1.287
<b>Condition if Public Transportation Service were Discontinued</b>				
Travel Time Index	1.340	1.346	1.343	1.333
Annual Increase				
Delay (1000 hours)	630,149	605,087	579,114	575,727
Delay per Peak Traveler (hours)	7	7	7	7
Congestion Cost (\$million)	13,390.7	12,402.8	11,368.1	10,728.4

**Benefits from Public Transportation Service and Operations Strategies in  
All 90 Urban Areas - Total, Continued**

<b>Operations Strategies</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>	<b>2000</b>
<b>Freeway Ramp Metering</b>				
Percent of Roadway Miles	34	30	30	29
Annual Delay Reduction (1000 hours)	33,616	23,768	22,579	20,441
<b>Freeway Incident Management</b>				
<b>Cameras</b>				
Percent of Roadway Miles	40	34	31	28
<b>Service Patrols</b>				
Percent of Roadway Miles	67	68	63	59
Annual Delay Reduction (1000 hours)	94,383	84,302	68,825	58,346
<b>Arterial Signal Coordination</b>				
Percent of Roadway Miles	51	50	49	49
Annual Delay Reduction (1000 hours)	15,988	15,866	15,615	15,608
<b>Arterial Access Management</b>				
Percent of Roadway Miles	28	27	27	26
Annual Delay Reduction (1000 hours)	57,671	53,037	51,143	45,609
<b>HOV Lanes</b>				
Daily Passenger-miles of travel (1000s)	16,549	15,463	14,469	13,790
HOV User Delay Savings	25,760	23,099	20,841	18,377
<b>Total Effect of Operations Treatments</b>				
Annual Delay Reduction (1000 hours)	227,416	200,070	179,004	158,380
Annual Delay Saved per Peak Traveler (hours)	3	3	2	2
Annual Congestion Cost Savings (\$million)	3,983.8	3,414.0	3,039.5	2,626.0
Travel Time Index with Strategies	1.275	1.269	1.261	1.253
Travel Time Index (Base)	1.293	1.286	1.275	1.266
<b>Public Transportation Service</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>	<b>2000</b>
<b>Existing Service</b>				
Annual Passenger-miles of travel (million)	44,000	44,195	44,776	43,403
Unlinked Passenger Trips (million)	8,468	8,595	8,583	8,292
Travel Time Index (combined road and transit)	1.277	1.270	1.260	1.251
<b>Condition if Public Transportation Service were Discontinued</b>				
Travel Time Index	1.321	1.316	1.306	1.296
Annual Increase				
Delay (1000 hours)	546,409	555,208	548,577	527,863
Delay per Peak Traveler (hours)	7	7	7	7
Congestion Cost (\$million)	9,712.0	9,658.2	9,491.0	8,930.7