

# Performance Measure Summary - Denver-Aurora CO

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 Denver-Aurora CO

Inventory Measures	2020	2019	2018	2017	2016	2015
<b>Urban Area Information</b>						
Population (1000s)	2,710	2,710	2,700	2,675	2,660	2,630
Rank	18	18	18	17	17	17
Commuters (1000s)	1,358	1,358	1,353	1,340	1,331	1,315
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	23,863	27,910	27,516	26,961	26,302	25,453
Arterial Streets	20,162	23,581	23,445	23,413	22,972	22,474
<b>Cost Components</b>						
Value of Time (\$/hour)	20.17	19.14	18.71	18.12	17.91	17.69
Commercial Cost (\$/hour)	55.24	49.49	54.71	52.14	50.20	46.87
Gasoline (\$/gallon)	2.28	2.66	2.87	2.34	2.15	2.47
Diesel (\$/gallon)	2.63	2.84	3.16	2.42	2.18	2.43
System Performance	2020	2019	2018	2017	2016	2015
<b>Congested Travel (% of peak VMT)</b>	--	--	--	33.7	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	19.3	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	4.7	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	18,644	44,960	44,569	44,449	44,345	44,115
Rank	17	15	15	15	15	15
Fuel per Peak Auto Commuter (gallons)	10	25	25	25	25	24
Rank	59	21	20	20	16	20
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	46,181	111,366	108,752	107,463	105,664	103,318
Rank	21	17	17	17	17	17
Delay per Auto Commuter (pers-hrs)	26	62	61	61	59	58
Rank	47	21	20	20	21	20
<b>Travel Time Index</b>	1.09	1.32	1.32	1.31	1.31	1.31
Rank	40	15	15	16	15	15
<b>Commuter Stress Index</b>	1.10	1.37	1.34	1.32	--	--
Rank	40	16	17	20	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	1.85	1.88	1.83	--	--
Rank	--	23	18	23	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	1,034	2,394	2,369	2,296	2,219	2,150
Rank	21	17	17	17	17	17
Cost per Auto Commuter (\$)	545	1,263	1,254	1,227	1,214	1,180
Rank	50	24	23	23	23	23
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	2,066	4,637	4,581	4,513	4,438	4,339
Rank	23	17	17	17	17	17
Annual Gallons of Wasted Fuel (000)	4,552	10,216	9,728	9,423	9,401	9,352
Rank	15	15	15	16	15	15
Annual Congestion Cost (\$ million)	112	233	258	242	228	212
Rank	22	19	17	17	17	17
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	186,811	450,499	--	--	--	--
Rank	17	15	--	--	--	--
Due to All Travel (tons)	3,350,954	8,080,901	--	--	--	--
Rank	28	23	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Truck Congestion (tons)	50,116	112,486	--	--	--	--
Rank	16	15	--	--	--	--
Due to Truck Travel (tons)	775,320	1,740,223	--	--	--	--
Rank	33	27	--	--	--	--

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

# Mobility Data for Denver-Aurora CO

Inventory Measures	2014	2013	2012	2011	2010	2009
<b>Urban Area Information</b>						
Population (1000s)	2,615	2,550	2,475	2,425	2,360	2,290
Rank	17	18	18	19	19	19
Commuters (1000s)	1,307	1,297	1,301	1,315	1,276	1,236
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	24,412	21,242	20,980	22,205	21,817	21,000
Arterial Streets	21,868	20,356	20,600	21,575	21,193	21,538
<b>Cost Components</b>						
Value of Time (\$/hour)	17.67	17.39	17.14	16.79	16.28	16.01
Commercial Cost (\$/hour)	44.82	41.23	39.66	44.62	42.50	41.83
Gasoline (\$/gallon)	3.33	3.54	3.28	3.27	2.62	2.17
Diesel (\$/gallon)	3.59	3.80	3.85	3.67	2.90	2.48
System Performance	2014	2013	2012	2011	2010	2009
<b>Congested Travel (% of peak VMT)</b>	--	--	--	--	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	--	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	--	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	44,005	43,608	42,279	40,469	40,202	39,179
Rank	15	15	15	15	15	15
Fuel per Peak Auto Commuter (gallons)	24	25	24	22	23	21
Rank	17	15	16	18	14	15
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	101,271	99,468	95,576	89,836	87,604	83,780
Rank	17	17	17	18	17	17
Delay per Auto Commuter (pers-hrs)	55	55	53	50	50	49
Rank	20	19	19	21	17	15
<b>Travel Time Index</b>	1.30	1.30	1.30	1.28	1.29	1.29
Rank	16	16	16	17	13	12
<b>Commuter Stress Index</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	2,142	2,073	1,954	1,823	1,700	1,584
Rank	17	17	17	18	17	17
Cost per Auto Commuter (\$)	1,151	1,141	1,111	1,078	1,083	1,055
Rank	23	22	21	23	21	19
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	4,253	4,178	4,014	3,773	3,679	3,519
Rank	17	17	17	18	18	18
Annual Gallons of Wasted Fuel (000)	9,329	9,245	8,963	8,579	8,523	8,306
Rank	15	15	15	15	15	15
Annual Congestion Cost (\$ million)	212	196	184	189	171	158
Rank	17	17	17	18	18	18
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

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# Mobility Data for Denver-Aurora CO

Inventory Measures	2008	2007	2006	2005	2004	2003
<b>Urban Area Information</b>						
Population (1000s)	2,250	2,200	2,145	2,090	2,065	2,050
Rank	19	19	20	21	21	20
Commuters (1000s)	1,210	1,181	1,150	1,115	1,096	1,083
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	20,120	20,395	19,935	19,900	18,815	17,960
Arterial Streets	22,000	22,925	23,555	23,380	22,820	21,790
<b>Cost Components</b>						
Value of Time (\$/hour)	16.07	15.47	15.06	14.58	14.10	13.73
Commercial Cost (\$/hour)	40.77	39.30	37.88	36.51	35.19	33.92
Gasoline (\$/gallon)	3.39	3.20	2.60	2.32	1.94	1.51
Diesel (\$/gallon)	4.10	3.68	2.88	2.56	2.04	1.55
System Performance	2008	2007	2006	2005	2004	2003
<b>Congested Travel (% of peak VMT)</b>	--	--	--	--	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	--	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	--	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	39,597	39,762	39,479	38,740	37,308	35,195
Rank	15	15	15	15	15	15
Fuel per Peak Auto Commuter (gallons)	22	22	22	22	21	20
Rank	19	19	18	15	14	17
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	80,641	80,977	80,402	78,897	75,979	71,676
Rank	18	17	17	17	17	17
Delay per Auto Commuter (pers-hrs)	49	50	51	52	50	48
Rank	18	17	17	12	13	14
<b>Travel Time Index</b>	1.30	1.31	1.31	1.32	1.31	1.30
Rank	12	11	12	8	9	10
<b>Commuter Stress Index</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	1,585	1,528	1,453	1,371	1,264	1,145
Rank	17	17	17	16	16	17
Cost per Auto Commuter (\$)	1,005	1,048	1,072	1,085	1,081	1,048
Rank	24	20	18	19	19	21
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	3,387	3,401	3,377	3,314	3,191	3,010
Rank	19	18	17	17	16	17
Annual Gallons of Wasted Fuel (000)	8,395	8,429	8,370	8,213	7,909	7,461
Rank	15	15	15	15	15	15
Annual Congestion Cost (\$ million)	164	156	144	134	121	107
Rank	18	17	17	16	16	16
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

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# Mobility Data for Denver-Aurora CO

Inventory Measures	2002	2001	2000	1999	1998	1997
<b>Urban Area Information</b>						
Population (1000s)	2,030	2,025	1,910	1,860	1,830	1,800
Rank	20	20	21	21	21	21
Commuters (1000s)	1,046	1,019	938	891	857	822
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	17,400	17,250	16,905	16,500	16,120	15,700
Arterial Streets	20,925	20,520	20,185	19,520	17,990	16,850
<b>Cost Components</b>						
Value of Time (\$/hour)	13.43	13.22	12.85	12.43	12.17	11.98
Commercial Cost (\$/hour)	32.69	31.51	30.38	29.28	28.89	28.50
Gasoline (\$/gallon)	1.39	1.70	1.55	1.16	1.10	1.24
Diesel (\$/gallon)	1.40	1.68	1.51	1.18	1.22	1.33
System Performance	2002	2001	2000	1999	1998	1997
<b>Congested Travel (% of peak VMT)</b>	--	--	--	--	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	--	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	--	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	33,968	31,329	28,510	26,126	23,820	21,520
Rank	15	15	15	15	15	17
Fuel per Peak Auto Commuter (gallons)	21	19	17	15	14	14
Rank	12	13	24	32	31	26
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	69,178	63,803	58,062	53,208	48,510	43,827
Rank	17	17	18	18	19	19
Delay per Auto Commuter (pers-hrs)	48	45	44	42	40	37
Rank	13	17	16	17	19	22
<b>Travel Time Index</b>	1.29	1.28	1.27	1.26	1.24	1.23
Rank	10	10	10	9	12	13
<b>Commuter Stress Index</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	1,077	987	869	761	679	608
Rank	17	17	18	18	19	19
Cost per Auto Commuter (\$)	1,034	966	903	858	800	733
Rank	20	21	25	26	29	32
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	2,905	2,680	2,439	2,235	2,037	1,841
Rank	17	19	19	19	21	21
Annual Gallons of Wasted Fuel (000)	7,201	6,642	6,044	5,539	5,050	4,562
Rank	15	15	15	15	15	17
Annual Congestion Cost (\$ million)	99	90	78	67	61	55
Rank	16	17	19	19	20	21
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

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

# Mobility Data for Denver-Aurora CO

Inventory Measures	1996	1995	1994	1993	1992	1991
<b>Urban Area Information</b>						
Population (1000s)	1,770	1,730	1,675	1,610	1,600	1,580
Rank	23	23	23	23	23	23
Commuters (1000s)	789	753	712	668	647	624
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	15,100	14,285	13,475	12,950	12,430	11,425
Arterial Streets	16,410	16,170	15,685	15,170	13,900	13,240
<b>Cost Components</b>						
Value of Time (\$/hour)	11.71	11.37	11.06	10.78	10.47	10.17
Commercial Cost (\$/hour)	28.12	27.75	27.38	27.02	26.66	26.30
Gasoline (\$/gallon)	1.36	1.22	1.16	1.21	1.23	1.19
Diesel (\$/gallon)	1.41	1.26	1.20	1.25	1.23	1.28
System Performance	1996	1995	1994	1993	1992	1991
<b>Congested Travel (% of peak VMT)</b>	--	--	--	--	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	--	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	--	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	19,019	16,784	14,927	12,863	11,583	10,813
Rank	18	21	22	23	23	23
Fuel per Peak Auto Commuter (gallons)	11	10	9	8	6	6
Rank	49	52	56	58	69	67
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	38,733	34,181	30,401	26,195	23,590	22,022
Rank	22	23	23	24	24	24
Delay per Auto Commuter (pers-hrs)	34	31	29	26	24	23
Rank	33	41	42	49	53	49
<b>Travel Time Index</b>	1.21	1.19	1.18	1.16	1.15	1.15
Rank	19	23	23	26	27	24
<b>Commuter Stress Index</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	528	451	391	329	289	263
Rank	22	23	24	24	24	24
Cost per Auto Commuter (\$)	662	603	552	488	453	436
Rank	38	49	49	60	60	59
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	1,627	1,436	1,277	1,100	991	925
Rank	24	24	24	24	25	25
Annual Gallons of Wasted Fuel (000)	4,032	3,558	3,165	2,727	2,456	2,292
Rank	19	22	23	24	24	24
Annual Congestion Cost (\$ million)	48	42	36	31	28	26
Rank	23	24	24	24	24	24
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

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

# Mobility Data for Denver-Aurora CO

Inventory Measures	1990	1989	1988	1987	1986	1985
<b>Urban Area Information</b>						
Population (1000s)	1,580	1,565	1,550	1,510	1,500	1,485
Rank	23	23	23	23	23	23
Commuters (1000s)	609	598	587	566	557	547
<b>Daily Vehicle-Miles of Travel (1000s)</b>						
Freeway	11,205	10,500	10,315	10,135	9,765	9,510
Arterial Streets	12,365	12,170	12,120	12,115	12,100	12,195
<b>Cost Components</b>						
Value of Time (\$/hour)	9.75	9.25	8.83	8.48	8.18	8.03
Commercial Cost (\$/hour)	25.95	25.60	25.26	24.93	24.60	24.27
Gasoline (\$/gallon)	1.11	1.15	1.06	1.06	1.04	1.36
Diesel (\$/gallon)	1.15	1.14	1.05	1.05	1.03	1.35
System Performance	1990	1989	1988	1987	1986	1985
<b>Congested Travel (% of peak VMT)</b>	--	--	--	--	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--	--	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--	--	--	--
<b>Annual Excess Fuel Consumed</b>						
Total Fuel (1000 gallons)	10,366	9,992	9,075	8,737	8,878	8,790
Rank	22	21	21	20	20	19
Fuel per Peak Auto Commuter (gallons)	6	6	5	5	5	5
Rank	60	53	58	48	40	32
<b>Annual Delay</b>						
Total Delay (1000s of person-hours)	21,111	20,349	18,483	17,793	18,080	17,902
Rank	23	23	23	23	21	21
Delay per Auto Commuter (pers-hrs)	23	22	21	21	21	21
Rank	44	40	38	31	26	23
<b>Travel Time Index</b>	1.14	1.14	1.13	1.13	1.13	1.13
Rank	26	23	23	22	20	19
<b>Commuter Stress Index</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Congestion Cost</b>						
Total Cost (\$ millions)	242	223	193	179	176	175
Rank	23	23	23	23	21	21
Cost per Auto Commuter (\$)	437	445	425	427	451	454
Rank	55	50	51	41	34	30
<b>Truck Congestion</b>						
Annual Person-Hours of Delay (000)	887	855	776	747	759	752
Rank	23	23	23	23	21	21
Annual Gallons of Wasted Fuel (000)	2,198	2,118	1,924	1,852	1,882	1,864
Rank	23	21	21	21	20	19
Annual Congestion Cost (\$ million)	24	23	20	19	19	20
Rank	23	23	23	22	21	21
<b>Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to All Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>						
Excess Due to Truck Congestion (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--
Due to Truck Travel (tons)	--	--	--	--	--	--
Rank	--	--	--	--	--	--

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

# Mobility Data for Denver-Aurora CO

Inventory Measures	1984	1983	1982
<b>Urban Area Information</b>			
Population (1000s)	1,460	1,375	1,350
Rank	23	23	23
Commuters (1000s)	532	498	484
<b>Daily Vehicle-Miles of Travel (1000s)</b>			
Freeway	9,865	9,180	8,900
Arterial Streets	12,215	11,665	11,530
<b>Cost Components</b>			
Value of Time (\$/hour)	7.75	7.43	7.20
Commercial Cost (\$/hour)	23.94	23.63	23.31
Gasoline (\$/gallon)	1.37	1.41	1.47
Diesel (\$/gallon)	1.36	1.39	1.46
System Performance	1984	1983	1982
<b>Congested Travel (% of peak VMT)</b>	--	--	--
<b>Congested System (% of lane-miles)</b>	--	--	--
<b>Congested Time (number of "Rush Hours")</b>	--	--	--
<b>Annual Excess Fuel Consumed</b>			
Total Fuel (1000 gallons)	8,244	6,851	6,057
Rank	19	20	20
Fuel per Peak Auto Commuter (gallons)	5	5	3
Rank	27	22	34
<b>Annual Delay</b>			
Total Delay (1000s of person-hours)	16,789	13,952	12,336
Rank	21	21	22
Delay per Auto Commuter (pers-hrs)	21	18	17
Rank	19	25	24
<b>Travel Time Index</b>	1.13	1.11	1.10
Rank	17	18	20
<b>Commuter Stress Index</b>	--	--	--
Rank	--	--	--
<b>Freeway Planning Time Index (95th Pctile)</b>	--	--	--
Rank	--	--	--
<b>Congestion Cost</b>			
Total Cost (\$ millions)	159	128	110
Rank	21	21	21
Cost per Auto Commuter (\$)	442	383	351
Rank	30	33	37
<b>Truck Congestion</b>			
Annual Person-Hours of Delay (000)	705	586	518
Rank	21	21	23
Annual Gallons of Wasted Fuel (000)	1,748	1,452	1,284
Rank	18	19	19
Annual Congestion Cost (\$ million)	18	15	13
Rank	21	21	21
<b>Annual Greenhouse Gases (CO2) Produced</b>			
Excess Due to Congestion (tons)	--	--	--
Rank	--	--	--
Due to All Travel (tons)	--	--	--
Rank	--	--	--
<b>Truck Annual Greenhouse Gases (CO2) Produced</b>			
Excess Due to Truck Congestion (tons)	--	--	--
Rank	--	--	--
Due to Truck Travel (tons)	--	--	--
Rank	--	--	--

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