

TECHNICAL APPENDIX 8 HISTORICAL DATA

This Technical Appendix includes historical data relating to the highway system and airport activity. Historical highway system performance data from 1980 to 2000 is shown on Table TA 8.1. Figure TA 8.1 displays regional public transit ridership from 1968 to 2000. State highway route mileage in 2000 is shown on Table TA 8.2. Table TA 8.3 presents state highway system route mileage in 2000 and for the Revenue Constrained and Mobility Networks. Table TA 8.4 contains miles of maintained roadway by jurisdiction.

Air cargo activity for the San Diego International Airport is shown on Table TA 8.5. The historical vehicle miles of travel from 1978 to 2000 are shown on Table TA 8.6. Historical border crossings and surface trade figures from 1997 to 2002 are shown on Table TA 8.7.

TABLE TA 8.1—HISTORICAL HIGHWAY SYSTEM PERFORMANCE DATA (SAN DIEGO REGION, 1980 THROUGH 2000)

YEAR	TOTAL POPULATION	LICENSED DRIVERS	REGISTERED VEHICLES		HIGHWAY MILEAGE		PRICE PER GALLON	WEEKDAY	REPORTED ACCIDENTS	
			AUTOS	COMMERCIAL	STATE FREEWAYS	LOCAL STREETS & ROADS		VEHICLE MILES OF TRAVEL	(ANNUAL TOTALS)	FATAL
1980	1,851 T	1,210 T	915 T	212 T	272 mi.	6,032 mi.	\$1.09	35.4 M	354	15,600
1981	1,895 T	1,251 T	930 T	218 T	274 mi.	6,089 mi.	\$1.30	36.4 M	332	15,700
1982	1,944 T	1,288 T	968 T	226 T	276 mi.	6,190 mi.	\$1.43	37.7 M	286	15,200
1983	1,989 T	1,313 T	993 T	232 T	276 mi.	6,251 mi.	\$1.28	39.8 M	306	16,900
1984	2,041 T	1,345 T	1,025 T	243 T	278 mi.	6,250 mi.	\$1.25	43.3 M	331	17,900
1985	2,103 T	1,377 T	1,037 T	249 T	280 mi.	6,364 mi.	\$1.23	45.7 M	349	18,500
1986	2,166 T	1,426 T	1,168 T	325 T	283 mi.	6,401 mi.	\$1.22	49.1 M	358	19,400
1987	2,249 T	1,493 T	1,233 T	344 T	285 mi.	6,446 mi.	\$0.86	53.1 M	375	19,500
1988	2,328 T	1,559 T	1,274 T	336 T	289 mi.	6,619 mi.	\$1.00	56.2 M	390	19,500
1989	2,418 T	1,612 T	1,348 T	358 T	289 mi.	6,693 mi.	\$1.09	58.8 M	385	19,300
1990	2,480 T	1,682 T	1,376 T	373 T	289 mi.	6,740 mi.	\$1.24	60.7 M	368	18,800
1991	2,547 T	1,709 T	1,397 T	399 T	291 mi.	6,897 mi.	\$1.19	60.7 M	344	16,800
1992	2,605 T	1,726 T	1,411 T	370 T	291 mi.	6,956 mi.	\$1.23	61.5 M	272	16,100
1993	2,649 T	1,733 T	1,419 T	367 T	297 mi.	7,024 mi.	\$1.23	61.1 M	278	14,700
1994	2,688 T	1,735 T	1,437 T	370 T	297 mi.	7,056 mi.	\$1.23	62.5 M	259	14,700
1995	2,659 T	1,730 T	1,429 T	368 T	300 mi.	7,117 mi.	---	63.4 M	237	14,610
1996	2,682 T	1,737 T	1,489 T	381 T	300 mi.	7,142 mi.	---	64.3 M	235	14,600
1997	2,729 T	1,768 T	1,437 T	364 T	300 mi.	7,142 mi.	---	66.0 M	205	14,300
1998	2,795 T	1,803 T	1,554 T	392 T	303 mi.	7,185 mi.	\$1.26	68.6 M	229	14,990
1999	2,855 T	1,842 T	1,591 T	407 T	304 mi.	7,090 mi.	\$1.42	70.9 M	261	15,115
2000	2,911 T	1,886 T	1,653 T	429 T	304 mi.	7,087 mi.	\$1.74	72.5 M	239	15,399
% CHANGE										
1980-2000	57%	56%	81%	102%	12%	17%	60%	105%	-32%	-1%

- SOURCES:
1. State Department of Finance - Population Estimates.
 2. Caltrans - Travel & Related Factors in California.
 3. San Diego Region Average Weekday Traffic Volumes
 4. Street and Road Mileage Reports by Jurisdiction/CHP SWITRS data
 5. Price Per Gallon figures are derived from regional average gas prices as reported by the Automobile Club of Southern California
 6. Fatalities as reported by the U.S.D.O.T/N.H.T.S.A. website, Injuries as reported by the State of California Office of Traffic Safety: CHP SWITRS data

- NOTES:
1. Gas Price Per Gallon is average pump price for unleaded fuel
 2. Data is for January 1 of the year shown or calendar year totals.
 3. "T" = Thousands (000's); "M" = Millions (000,000's).

FIGURE TA 8.1—REGIONAL PUBLIC TRANSIT RIDERSHIP (1968 TO 2000)

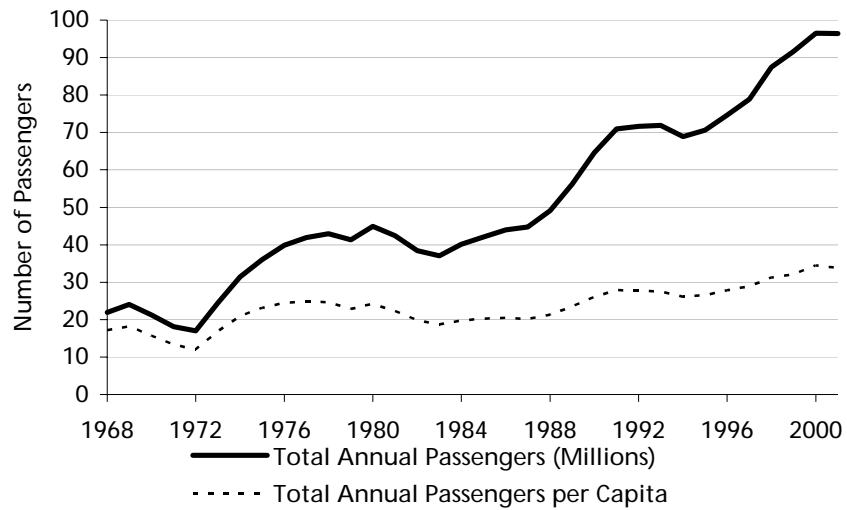


TABLE TA 8.2—STATE HIGHWAY ROUTE MILEAGE

ROUTE NUMBER	2000 CONSTRUCTED ROUTE MILES	2000 CONSTRUCTED LANE MILES	2000 UNCONSTRUCTED ROUTE MILES
I-5	75.8	592.7	-
I-8	77.8	385.7	-
SR 11	0.0	0.0	2.0
SR 15/I-15	54.3	436.5	-
SR 52	14.2	54.4	3.5
SR 54	8.2	49.4	8.2
SR 56	4.6	31.9	12.5
SR 67	23.9	67.9	-
SR 75	13.3	61.8	-
SR 76	52.2	111.4	-
SR 78	93.3	267.4	-
SR 79	55.7	111.6	-
SR 94	75.7	213.0	-
SR 125	5.1	30.6	25.6
SR 163	11.7	80.7	-
SR 188	1.9	3.8	-
SR 241	0.0	0.0	5.5
SR 282	0.6	3.6	-
I-805	28.0	240.1	-
SR 905	5.0	20.2	7.0
TOTAL	601.3	2,762.7	64.3

SOURCE: SANDAG

TABLE TA 8.3—STATE HIGHWAY SYSTEM ROUTE MILEAGE

	FREEWAYS	CONVENTIONAL HIGHWAYS	TOTAL MILES	HOV MILES
2000	313	288	601	14
Revenue Constrained Network				
▪ 2010	334	287	621	22
▪ 2020	347	285	632	51
▪ 2030	350	285	635	104
Mobility				
▪ 2010	345	285	630	31
▪ 2020	345	285	630	102
▪ 2030	351	287	638	172

SOURCE: SANDAG Regional Transportation Model

TABLE TA 8.4—MILES OF MAINTAINED ROADWAY

JURISDICTION	1999	2000	INCREASE/ (DECREASE) 1999-2000	2001	INCREASE/ (DECREASE) 2000-2001
Carlsbad	243.8	253.6	9.80	253.6	(0.00)
Chula Vista	336.6	327.9	(8.70)	406.9	78.97
Coronado	42.5	43.4	0.90	42.5	(0.89)
Del Mar	22.5	21.7	(0.80)	23.7	1.98
El Cajon	186.0	186.9	0.90	190.8	3.88
Encinitas**	173.8	165.5	(8.30)	165.5	-
Escondido	285.3	287.3	2.00	285.1	(2.20)
Imperial Beach	43.0	43.0	-	43.0	(0.01)
La Mesa	149.4	148.8	(0.60)	148.4	(0.40)
Lemon Grove**	64.2	64.8	0.60	64.8	-
National City	102.0	104.1	2.10	101.2	(2.92)
Oceanside	376.2	395.9	19.70	384.0	(11.91)
Poway	151.2	151.2	-	154.5	3.25
San Diego	2,974.3	2,738.6	(235.70)	2,736.2	(2.37)
San Marcos**	130.3	133.4	3.10	133.4	-
Santee**	113.5	119.1	5.60	119.1	-
Solana Beach	47.4	47.9	0.50	47.9	0.04
Vista*,**	173.9	173.9	-	173.9	-
County	1,884.1	1,902.8	18.70	1,902.8	-
Regional Total:	7,500.0	7,309.8	(190.2)	7,377.2	67.4

*No data reported in 2000

** No 2001 data reported

SOURCE: SANDAG

**TABLE TA 8.5—SAN DIEGO INTERNATIONAL AIRPORT
HISTORICAL AIR CARGO ACTIVITY (1970 – 2001)**

YEAR	AIR CARGO (TONS)						TOTAL AIR CARGO
	AIR FREIGHT DEPLANED	AIR FREIGHT EMPLANED	AIR FREIGHT	AIR MAIL DEPLANED	AIR MAIL EMPLANED	AIR MAIL	
1970	4,983.7	7,624.1	12,607.8	3419.7	3716.5	7136.2	19,744.0
1971	5,031.9	7,147.5	12,179.4	2705.4	2963.5	5668.9	17,848.3
1972	5,554.8	8,799.2	14,354.0	2441.7	2959.8	5401.5	19,755.5
1973	6,524.1	10,197.2	16,721.3	1988.1	2871.4	4859.5	21,580.8
1974	6,052.9	9,565.8	15,618.7	1551.5	2635.7	4187.2	19,805.9
1975	6,072.8	9,385.5	15,458.3	1328.8	3030.9	4359.7	19,818.0
1976	6,536.7	9,835.0	16,371.7	1855	3578.8	5433.8	21,805.5
1977	6,939.5	10,442.4	17,381.9	2616.7	4277.2	6893.9	24,275.8
1978	7,876.2	11,414.7	19,290.9	3425.5	4864.5	8290	27,580.9
1979	8,710.4	10,896.0	19,606.4	3635.6	5184	8819.6	28,426.0
1980	7,698.3	10,300.3	17,998.6	3762.9	5828.7	9591.6	27,590.2
1981	7,927.1	10,115.4	18,042.5	4009.8	6075.2	10085	28,127.5
1982	7,729.9	10,033.7	17,763.6	4283.7	6179.9	10463.6	28,227.2
1983	8,786.4	11,312.2	20,098.6	5373.6	7119.7	12493.3	32,591.9
1984	8,506.7	10,902.0	19,408.7	6160.9	7669.4	13830.3	33,239.0
1985	8,576.4	11,266.7	19,843.1	5123	6891.3	12014.3	31,857.4
1986	14,022.0	17,954.9	31,976.9	4561.1	7371.2	11932.3	43,909.2
1987	16,055.6	19,164.6	35,220.2	5064	8445	13509	48,729.2
1988	21,492.9	24,598.4	46,091.3	5257.5	7853.3	13110.8	59,202.1
1989	21,043.6	24,261.8	45,305.4	5735.8	8024.5	13760.3	59,065.7
1990	25,391.7	27,429.6	52,821.3	6723.1	8582.4	15305.5	68,126.8
1991	23,103.9	25,069.7	48,173.6	5759.8	7562.1	13321.9	61,495.5
1992	24,671.3	27,303.3	51,974.6	7782.6	9590.2	17372.8	69,347.4
1993	29,057.6	30,852.1	59,909.7	8376.7	10423.2	18799.9	78,709.6
1994	35,050.1	36,117.0	71,167.1	11212.2	12609.5	23821.7	94,988.8
1995	33,731.9	36,999.6	70,731.5	13255.2	13679.9	26935.1	97,666.6
1996	34,709.2	38,015.8	72,725.0	14705.3	15083.4	29788.7	102,513.7
1997	41,394.1	47,587.0	88,981.1	17,555.1	17,773.2	35328.3	124,309.4
1998	43,890.6	52,450.2	96,340.8	16,511.3	17,159.7	33671	130,011.8
1999	50,095.1	56,175.5	106,270.6	16,360.4	17,930.9	34291.3	140,561.9
2000	55,859.8	59,982.8	115,842.6	18,575.0	18,952.2	37527.2	153,369.8
2001	56,589.6	61,892.9	118,482.5	15,218.9	14,796.6	30015.5	148,498.0

SOURCE: Port of San Diego, 2002

TABLE TA 8.6—HISTORICAL VEHICLE MILES OF TRAVEL (VMT) FOR SAN DIEGO REGION*

YEAR	FREEWAYS	OTHER STATE HIGHWAYS	ARTERIALS/ COLLECTORS	LOCAL STREETS	TOTAL	CHANGE FROM PREVIOUS YEAR
1978	15,903,000	1,539,000	14,015,000	2,946,000	34,403,000	N/A
1979	16,521,000	1,556,000	14,293,000	2,979,000	35,349,000	2.7%
1980	16,575,000	1,570,000	14,553,000	3,010,000	35,708,000	1.0%
1981	17,100,000	1,567,000	15,003,000	3,040,000	36,710,000	2.8%
1982	17,788,000	1,629,000	15,523,000	3,067,000	38,007,000	3.5%
1983	19,019,000	1,729,000	16,199,000	3,110,000	40,057,000	5.4%
1984	21,428,000	1,861,000	17,177,000	3,149,000	43,615,000	8.9%
1985	22,749,000	1,939,000	18,148,000	3,213,000	46,049,000	5.6%
1986	24,603,000	2,092,000	19,435,000	3,273,000	49,403,000	7.3%
1987	26,893,000	2,225,000	20,855,000	3,334,000	53,307,000	7.9%
1988	28,894,000	2,285,000	21,854,000	3,366,000	56,399,000	5.8%
1989	30,818,000	2,349,000	22,534,000	3,382,000	59,083,000	4.8%
1990	31,986,000	2,478,000	23,130,000	3,462,000	61,056,000	3.3%
1991	31,865,000	2,486,000	23,178,000	3,481,000	61,010,000	-0.1%
1992	32,320,000	2,547,000	23,387,000	3,515,000	61,769,000	1.2%
1993	31,890,000	2,505,000	23,454,000	3,546,000	61,395,000	-0.6%
1994	33,016,000	2,539,000	23,618,000	3,573,000	62,746,000	2.2%
1995	33,417,000	2,672,000	24,034,000	3,581,000	63,704,000	1.5%
1996	34,084,000	2,703,000	24,288,000	3,589,000	64,664,000	1.5%
1997	35,385,000	2,677,000	24,781,000	3,599,000	66,442,000	2.7%
1998	36,743,000	2,785,000	25,331,000	3,782,000	68,641,000	3.3%
1999	38,423,000	2,954,000	25,733,000	3,785,000	70,895,000	3.3%
2000	39,569,000	3,071,000	26,047,000	3,785,000	72,472,000	2.2%

* VMT reported here are the 24-hour total vehicle miles of travel on a typical weekday.

SOURCES: SANDAG, 2000 Traffic counts used to produce year 2001 Traffic Flow map

**TABLE TA 8.7—SAN DIEGO REGION - BAJA CALIFORNIA PORTS OF ENTRY
HISTORICAL BORDER CROSSINGS AND SURFACE TRADE**

Port of Entry	1997	1998	1999	2000	2001	2002
San Ysidro						
Northbound Crossings						
Passenger Vehicles	15,271,520	15,098,292	15,044,219	14,054,104	15,675,483	15,249,703
Trucks	n/a	n/a	n/a	n/a	n/a	n/a
Buses	107,801	111,881	107,193	104,040	105,900	91,907
Pedestrians	8,736,505	7,234,716	7,406,921	7,854,351	12,645,326	7,577,569
U.S.- Mexico Trade						
Total Trade by Truck	n/a	n/a	n/a	n/a	n/a	n/a
Exports by Truck						
Imports by Truck						
Total Trade by Rail	\$45,286,691	\$43,398,623	\$61,628,528	\$65,980,901	\$71,551,437	\$65,541,805
Exports by Rail	\$44,992,019	\$43,096,821	\$60,450,466	\$64,941,077	\$71,335,135	\$65,299,988
Imports by Rail	\$294,672	\$301,802	\$1,178,062	\$1,039,824	\$216,302	\$241,817
Port of Entry						
Otay Mesa						
Northbound Crossings						
Passenger Vehicles	3,569,830	4,276,186	4,453,774	4,855,639	4,198,508	3,868,417
Trucks	558,383	599,001	684,484	683,703	700,453	725,710
Buses	18,540	23,839	42,803	45,688	53,264	69,847
Pedestrians	628,285	604,333	697,791	640,026	666,042	1,830,903
U.S.- Mexico Trade						
Total Trade by Truck	\$12,298,260,060	\$14,645,671,987	\$15,583,562,817	\$18,759,879,210	\$19,384,772,659	\$20,367,624,663
Exports by Truck	\$5,166,140,682	\$5,927,772,131	\$6,134,728,067	\$8,110,052,031	\$8,225,985,115	\$8,549,456,838
Imports by Truck	\$7,132,119,378	\$8,717,899,856	\$9,448,834,750	\$10,649,827,179	\$11,158,787,544	\$11,818,167,825
Total Trade by Rail	n/a	n/a	n/a	n/a	n/a	n/a
Exports by Rail						
Imports by Rail						

**TABLE TA 8.7—SAN DIEGO REGION - BAJA CALIFORNIA PORTS OF ENTRY
HISTORICAL BORDER CROSSINGS AND SURFACE TRADE**

Port of Entry	1997	1998	1999	2000	2001	2002
Tecate						
Northbound Crossings						
Passenger Vehicles	1,032,944	1,089,999	1,202,983	1,149,431	1,210,533	1,139,569
Trucks	64,262	57,914	59,647	61,707	62,243	57,756
Buses	772	528	567	544	631	463
Pedestrians	288,728	283,802	280,897	291,212	294,181	472,061
U.S.- Mexico Trade						
Total Trade by Truck	\$806,994,252	\$886,485,462	\$984,718,335	\$920,176,520	\$850,093,767	\$950,062,252
Exports by Truck	\$360,991,573	\$413,826,332	\$468,007,379	\$432,768,494	\$385,793,569	\$461,317,587
Imports by Truck	\$446,002,679	\$472,659,130	\$516,710,956	\$487,408,026	\$464,300,198	\$488,744,665
Total Trade by Rail	\$322,293	\$0	\$752,783	\$789,866	\$113,141	\$128,346
Exports by Rail	\$322,293	\$0	\$752,783	\$789,866	\$79,303	\$111,076
Imports by Rail	\$0	\$0	\$0	\$0	\$33,838	\$17,270

SOURCES: Data compiled by SANDAG from:

Bureau of Transportation Statistics, Transborder Surface Freight Data, Annual Summaries, Port Reports, Individual Port Surface Trade by Value (1997-2001)

Bureau of Transportation Statistics, Transborder Surface Freight Data, U.S.-Mexico Trade by US Port or Customs District (2002)

U.S. Customs, Conveyance and Person Arrivals, 1997-2002. Data represents federal fiscal year.

NOTES: n/a: not applicable