

TECHNICAL APPENDIX 8 HISTORICAL DATA

OVERVIEW

This technical appendix includes historical data relating to the highway system, transit ridership, and airport activity. Historical highway system performance data from 1980 to 2003 is shown on Table TA 8.1. Figure TA 8.1 displays regional public transit ridership from 1968 to 2006. State highway route mileage in 2006 is shown on Table TA 8.2. Table TA 8.3 presents state highway system route mileage in 2006 and for the Revenue Constrained and Reasonably Expected Revenue 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 2003 are shown on Table TA 8.6. Historical border crossings and surface trade figures from 1997 to 2006 are shown on Table TA 8.7.

Table TA 8.1—Historical Highway System Performance Data (San Diego Region, 1980 through 2003)

YEAR	TOTAL POPULATION	LICENSED DRIVERS	REGISTERED VEHICLES		HIGHWAY MILEAGE		PRICE PER GALLON	WEEKDAY VEHICLE MILES OF TRAVEL	REPORTED ACCIDENTS (ANNUAL TOTALS)	
			AUTOS	COMMERCIAL	STATE FREEWAYS	LOCAL STREETS AND ROADS			FATAL	INJURY
1980	1,861 T	1,210 T	915 T	212 T	294	5,992	\$1.09	35.4 M	354	15,600
1981	1,902 T	1,251 T	930 T	218 T	294	6,050	\$1.30	36.4 M	332	15,700
1982	1,940 T	1,288 T	968 T	226 T	294	6,110	\$1.43	37.7 M	286	15,200
1983	1,982 T	1,313 T	993 T	232 T	294	6,189	\$1.28	39.8 M	306	16,900
1984	2,033 T	1,345 T	1,025 T	243 T	296	6,270	\$1.25	43.3 M	331	17,900
1985	2,080 T	1,377 T	1,037 T	249 T	296	6,390	\$1.23	45.7 M	349	18,500
1986	2,148 T	1,426 T	1,168 T	325 T	296	6,509	\$1.22	49.1 M	358	19,400
1987	2,223 T	1,493 T	1,233 T	344 T	298	6,624	\$0.86	53.1 M	375	19,500
1988	2,300 T	1,559 T	1,274 T	336 T	309	6,685	\$1.00	56.2 M	390	19,500
1989	2,388 T	1,612 T	1,348 T	358 T	312	6,727	\$1.09	58.8 M	385	19,300
1990	2,498 T	1,682 T	1,376 T	373 T	312	6,876	\$1.24	60.7 M	368	18,800
1991	2,529 T	1,709 T	1,397 T	399 T	317	6,931	\$1.19	60.7 M	344	16,800
1992	2,572 T	1,726 T	1,411 T	370 T	317	6,996	\$1.23	61.5 M	272	16,100
1993	2,594 T	1,733 T	1,419 T	367 T	318	7,056	\$1.23	61.1 M	278	14,700
1994	2,604 T	1,735 T	1,437 T	370 T	324	7,110	\$1.23	62.5 M	259	14,700
1995	2,613 T	1,730 T	1,429 T	368 T	324	7,128	---	63.4 M	237	14,610
1996	2,621 T	1,737 T	1,489 T	381 T	326	7,151	---	64.3 M	235	14,600
1997	2,653 T	1,768 T	1,437 T	364 T	326	7,180	---	66.0 M	205	14,300
1998	2,702 T	1,803 T	1,554 T	392 T	326	7,303	\$1.26	68.6 M	229	14,990
1999	2,805 T	1,842 T	1,591 T	407 T	327	7,329	\$1.42	70.9 M	261	15,115
2000	2,813 T	1,886 T	1,653 T	429 T	328	7,376	\$1.74	72.5 M	236	15,400
2001	2,892 T	---	---	---	328	7,376	---	75.8 M	267	15,711
2002	2,949 T	---	---	---	330	7,380	---	78.1 M	272	16,144
2003	2,995 T	---	---	---	330	7,534	---	79.4 M	261	16,311
% CHANGE										
1980-2003	61%	56%	81%	102%	12%	28%	60%	124%	-26%	-5%

- 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. Web site; injuries as reported by the State of California Office of Traffic Safety; CHP SWITRS data

- NOTES:
1. Price-per-gallon gas cost is average pump price for unleaded fuel
 2. Data is for January 1 of the year shown or calendar year totals
 3. "T" = Thousands (000s); "M" = Millions (000,000s)

Figure TA 8.1—Regional Public Transit Ridership (1968 to 2006)

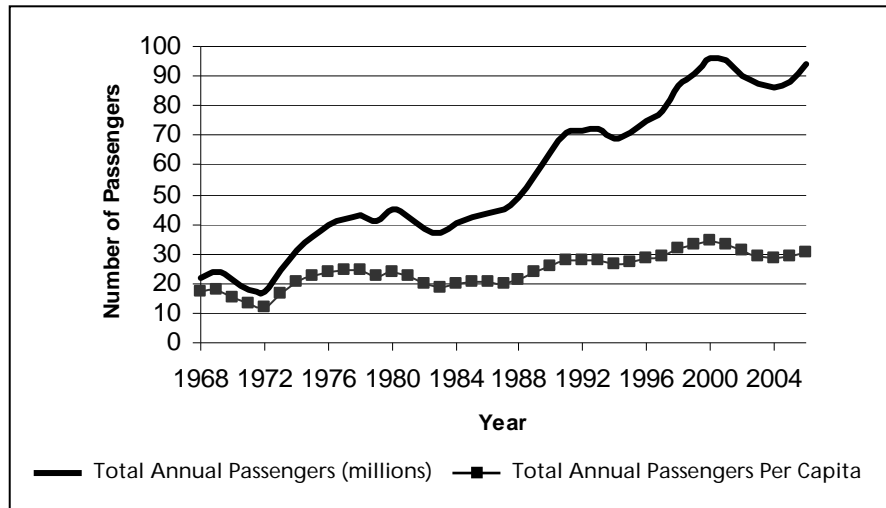


Table TA 8.2—State Highway Route Mileage

ROUTE NUMBER	2006 CONSTRUCTED ROUTE MILES	2006 CONSTRUCTED LANE MILES	2006 UNCONSTRUCTED ROUTE MILES
I-5	72.4	598.5	--
I-8	77.3	394.4	--
SR 11	0.0	0.0	2.9
SR 15/I-15	54.2	494.9	--
SR 52	14.4	65.1	2.5
SR 54	5.7	41.0	--
SR 56	9.3	37.2	--
SR 67	24.2	75.0	--
SR 75	12.9	56.7	--
SR 76	52.1	120.2	--
SR 78	94.9	268.5	--
SR 79	55.2	110.4	--
SR 94	75.3	211.7	--
SR 125	10.1	60.9	10.9
SR 163	11.1	78.6	--
SR 188	1.9	3.7	--
SR 241	0.0	0.0	4.5
SR 282	2.1	6.2	--
I-805	28.7	239.7	--
SR 905	5.0	19.1	3.8
TOTAL	610.8	2,903.6	24.6

SOURCE: SANDAG

Table TA 8.3—State Highway System Route Mileage

	FREEWAYS	CONVENTIONAL HIGHWAYS	TOTAL MILES	HOV MILES
2006	323	284	607	16
Revenue Constrained Network				
▪ 2010	336	284	620	21
▪ 2020	349	282	631	70
▪ 2030	349	282	631	98
Reasonably Expected Revenue Network				
▪ 2030	349	282	631	143

SOURCE: SANDAG Regional Transportation Model

Table TA 8.4—Miles of Maintained Roadway

JURISDICTION	2002	2003	INCREASE/ (DECREASE) 2002-2003	2004	INCREASE/ (DECREASE) 2003-2004
Carlsbad	253.6	292.5	38.9	276.0	(16.5)
Chula Vista	406.9	421.6	14.8	383.0	(38.6)
Coronado	42.5	42.5	0.0	42.5	0.0
Del Mar	23.7	22.4	(1.3)	22.4	0.0
El Cajon	190.8	191.0	0.2	191.5	0.6
Encinitas	165.5	162.7	(2.8)	162.4	(0.3)
Escondido	285.1	287.0	1.9	287.7	0.7
Imperial Beach	43.0	43.0	0.0	56.7	13.7
La Mesa	148.8	148.7	(0.2)	147.5	(1.2)
Lemon Grove	64.8	64.3	(0.5)	64.3	0.0
National City	101.3	100.8	(0.5)	100.7	(0.1)
Oceanside	384.0	391.1	7.1	424.4	33.3
Poway	154.5	180.0	25.6	180.5	0.4
San Diego	2,736.2	2,733.6	(2.6)	2,659.7	(73.9)
San Marcos	133.4	174.7	41.3	173.1	(1.7)
Santee	119.1	122.3	3.2	118.7	(3.6)
Solana Beach	47.9	47.9	0.0	47.9	0.0
Vista	173.9	257.1	83.2	170.8	(86.3)
County	1,902.8	1,894.7	(8.1)	1,889.4	(5.3)
Regional Total	7,377.7	7,578.0	200.3	7,399.3	(178.7)

Table TA 8.5—San Diego International Airport Historical Air Cargo Activity (1970 – 2001)

YEAR	AIR CARGO (TONS)						
	AIR FREIGHT DEPLANED	AIR FREIGHT EMPLANED	AIR FREIGHT	AIR MAIL DEPLANED	AIR MAIL EMPLANED	AIR MAIL	TOTAL AIR CARGO
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	1855.0	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	8290.0	27,580.9
1979	8,710.4	10,896.0	19,606.4	3635.6	5184.0	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	10085.0	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	5123.0	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	5064.0	8445.0	13509.0	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	33671.0	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	PERCENT CHANGE FROM PRIOR YEAR
1978	16,226,000	1,166,000	14,226,000	2,671,000	34,289,000	7.80
1979	16,856,000	1,156,000	14,541,000	2,702,000	35,255,000	2.80
1980	16,918,000	1,166,000	14,838,000	2,729,000	35,651,000	1.10
1981	17,470,000	1,163,000	15,279,000	2,757,000	36,669,000	2.90
1982	18,153,000	1,199,000	15,818,000	2,784,000	37,954,000	3.50
1983	19,398,000	1,278,000	16,531,000	2,832,000	40,039,000	5.50
1984	21,909,000	1,377,000	17,524,000	2,867,000	43,677,000	9.10
1985	23,298,000	1,432,000	18,508,000	2,926,000	46,164,000	5.70
1986	25,208,000	1,565,000	19,798,000	2,980,000	49,551,000	7.30
1987	27,548,000	1,694,000	21,304,000	3,026,000	53,572,000	8.10
1988	29,620,000	1,780,000	22,311,000	3,054,000	56,765,000	6.00
1989	31,654,000	1,839,000	23,011,000	3,071,000	59,575,000	5.00
1990	32,837,000	1,946,000	23,642,000	3,150,000	61,575,000	3.40
1991	32,810,000	1,983,000	23,666,000	3,175,000	61,634,000	0.10
1992	33,295,000	2,022,000	23,918,000	3,211,000	62,446,000	1.30
1993	32,948,000	1,991,000	24,007,000	3,246,000	62,192,000	-0.40
1994	34,120,000	2,048,000	24,184,000	3,277,000	63,629,000	2.30
1995	34,540,000	2,186,000	24,585,000	3,261,000	64,572,000	1.50
1996	35,214,000	2,221,000	24,831,000	3,266,000	65,532,000	1.50
1997	36,555,000	2,157,000	25,366,000	3,276,000	67,354,000	2.80
1998	37,999,000	2,251,000	25,917,000	3,498,000	69,665,000	3.40
1999	39,753,000	2,428,000	26,350,000	3,453,000	71,984,000	3.30
2000	40,848,000	2,546,000	26,841,000	3,397,000	73,632,000	2.30
2001	42,297,000	2,739,000	27,362,000	3,395,000	75,793,000	2.90
2002	44,097,000	2,852,000	27,779,000	3,389,000	78,117,000	3.10
2003	45,078,000	2,915,000	27,954,000	3,495,000	79,442,000	1.70

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

SOURCE: SANDAG

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	2003	2004	2005	2006
San Ysidro										
Northbound Crossings										
Passenger Vehicles	15,271,520	15,098,292	15,044,219	14,054,104	15,675,483	15,249,703	17,368,166	17,878,897	16,961,998	17,073,761
Trucks	n/a	n/a	n/a	n/a	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	109,203	110,727	105,701	99,057
Pedestrians	8,736,505	7,234,716	7,406,921	7,854,351	12,645,326	7,577,569	7,874,109	9,811,395	8,773,167	7,225,871
U.S.- Mexico Trade										
Total Trade by Truck	n/a	n/a	n/a	n/a	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	\$68,407,265	\$135,859,906	\$162,978,657	\$175,858,450
Exports by Rail	\$44,992,019	\$43,096,821	\$60,450,466	\$64,941,077	\$71,335,135	\$65,299,988	\$68,033,554	\$135,705,761	\$161,339,532	\$175,489,616
Imports by Rail	\$294,672	\$301,802	\$1,178,062	\$1,039,824	\$216,302	\$241,817	\$373,711	\$154,145	\$1,639,125	\$368,834
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	4,723,433	5,787,714	6,822,796	6,000,699
Trucks	558,383	599,001	684,484	683,703	700,453	725,710	698,228	724,903	724,572	752,981
Buses	18,540	23,839	42,803	45,688	53,264	69,847	51,526	43,682	38,957	41,650
Pedestrians	628,285	604,333	697,791	640,026	666,042	1,830,903	1,442,874	1,499,949	1,540,469	1,365,345
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	\$19,660,723,948	\$22,171,883,070	\$24,400,618,960	\$28,597,443,478
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	\$8,260,389,400	\$8,917,456,915	\$9,269,520,520	\$9,937,653,489
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	\$11,400,334,548	\$13,254,426,155	\$15,131,098,440	\$18,659,789,989
Total Trade by Rail	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Exports by Rail										
Imports by Rail										
Port of Entry Tecate										
Northbound Crossings										
Passenger Vehicles	1,032,944	1,089,999	1,202,983	1,149,431	1,210,533	1,139,569	1,237,240	1,268,109	997,575	998,649
Trucks	64,262	57,914	59,647	61,707	62,243	57,756	58,812	68,469	67,087	75,042
Buses	772	528	567	544	631	463	353	258	265	366
Pedestrians	288,728	283,802	280,897	291,212	294,181	472,061	424,030	430,572	487,138	508,804
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	\$897,933,362	\$1,003,823,069	\$1,152,246,335	\$1,191,948,673
Exports by Truck	\$360,991,573	\$413,826,332	\$468,007,379	\$432,768,494	\$385,793,569	\$461,317,587	\$410,793,578	\$465,119,844	\$532,658,355	\$571,135,015
Imports by Truck	\$446,002,679	\$472,659,130	\$516,710,956	\$487,408,026	\$464,300,198	\$488,744,665	\$487,139,784	\$538,703,225	\$619,587,980	\$620,813,658
Total Trade by Rail	\$322,293	\$0	\$752,783	\$789,866	\$113,141	\$128,346	\$13,795	\$402,525	\$3,528,528	\$12,564,720
Exports by Rail	\$322,293	\$0	\$752,783	\$789,866	\$79,303	\$111,076	\$0	\$402,525	\$3,370,951	\$12,519,793
Imports by Rail	\$0	\$0	\$0	\$0	\$33,838	\$17,270	\$13,795	\$0	\$157,577	\$44,927

Sources: Data compiled by SANDAG from:
 Bureau of Transportation Statistics, Transborder Surface Freight Data, Annual Summaries, Port Reports, Individual Port Surface Trade by Value (1997-2002)
 Bureau of Transportation Statistics, Transborder Surface Freight Data, U.S.-Mexico Trade by US Port or Customs District (2003-2006)
 U.S. Customs, Conveyance and Person Arrivals, 1997-2006. Data represents federal fiscal year.
 NOTES: n/a: not applicable