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## Table 1-37: U.S. Passenger-Miles

(Millions)

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	1960	1965	1970	1975	1980	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Air, total</b>	33,399	57,626	117,542	147,400	219,068	290,136	358,873	350,185	365,564	372,130	398,199	414,688	446,652	463,112	476,362	502,457	531,329	502,406	482,310	(R) 505,158	(R) 557,893	583,689
Air carrier, certificated, domestic, all services	31,099	53,226	108,442	136,000	204,368	277,836	345,873	338,085	354,764	362,230	388,399	403,888	434,652	450,612	463,262	488,357	516,129	486,506	482,310	(R) 505,158	(R) 557,893	583,689
General aviation <sup>a</sup>	2,300	4,400	9,100	11,400	14,700	12,300	13,000	12,100	10,800	9,900	9,800	10,800	12,000	12,500	13,100	14,100	15,200	15,900	U	U	U	U
<b>Highway, total<sup>b</sup></b>	1,272,078	1,555,237	2,042,002	2,404,954	2,653,510	3,012,953	3,561,209	3,600,322	3,697,719	3,768,066	3,837,512	3,868,070	3,968,386	4,089,366	4,200,635	4,304,270	4,390,076	4,643,794	4,667,038	4,721,869	4,832,396	U
Passenger car <sup>b,c</sup>	1,144,673	1,394,803	1,750,897	1,954,166	2,011,989	2,094,621	2,281,391	2,200,260	2,208,226	2,213,281	2,249,742	2,286,887	2,337,068	2,389,065	2,463,828	2,494,870	2,544,457	2,556,481	2,620,389	2,641,885	2,693,872	U
Motorcycle <sup>b,c</sup>	g	g	3,277	6,192	12,257	11,812	12,424	11,656	11,946	12,184	12,390	10,777	10,912	11,089	11,311	11,642	11,516	11,760	12,131	12,163	12,761	U
Other 2-axle 4-tire vehicle <sup>c</sup>	h	h	225,613	363,267	520,774	688,091	999,754	1,116,958	1,201,667	1,252,860	1,269,292	1,256,146	1,298,299	1,352,675	1,380,557	1,432,625	1,467,664	1,678,853	1,674,792	1,706,103	1,758,542	U
Truck, single-unit 2-axle 6-tire or more	98,551	128,769	27,081	34,606	39,813	45,441	51,901	52,898	53,874	56,772	61,284	62,705	64,072	66,893	68,021	70,304	70,500	85,489	75,866	77,757	81,107	U
Truck, combination	28,854	31,665	35,134	46,724	68,678	78,063	94,341	96,645	99,510	103,116	108,932	115,451	118,899	124,584	128,359	132,384	135,020	161,169	138,737	140,160	145,398	U
Bus <sup>d</sup>	N	N	N	N	N	94,925	121,398	121,906	122,496	129,852	135,871	136,104	139,136	145,060	148,558	162,445	160,919	150,042	145,124	143,801	140,716	U
<b>Transit, total<sup>e</sup></b>	(i) 4,197	(i) 4,128	(i) 4,592	(i) 4,513	39,854	39,581	41,143	40,703	40,241	39,384	39,585	39,808	41,378	42,339	44,128	45,857	47,666	49,070	48,324	(R) 47,903	(P) 49,073	U
Motor bus <sup>d</sup>	N	N	N	N	21,790	21,161	20,981	21,090	20,336	20,247	18,832	18,818	19,096	19,604	20,360	21,205	21,241	22,022	21,841	21,262	(P) 21,377	U
Light rail	N	N	N	N	381	350	571	662	701	705	833	860	957	1,035	1,128	1,206	1,356	1,437	1,432	1,476	(P) 1,576	U
Heavy rail	N	N	N	N	10,558	10,427	11,475	10,528	10,737	10,231	10,668	10,559	11,530	12,056	12,284	12,902	13,844	14,178	13,663	13,606	(P) 14,354	U
Trolley bus	N	N	N	N	219	306	193	195	199	188	187	187	184	189	182	186	192	187	188	176	(P) 173	U
Commuter rail	4,197	4,128	4,592	4,513	6,516	6,534	7,082	7,344	7,320	6,940	7,996	8,244	8,351	8,038	8,704	8,766	9,402	9,548	9,504	9,559	(P) 9,719	U
Demand responsive <sup>d</sup>	N	N	N	N	N	364	431	454	495	562	577	607	656	754	735	813	839	855	853	930	(P) 962	U
Ferry boat	N	N	N	N	j	j	286	282	271	260	260	260	265	294	294	310	330	325	333	394	(P) 393	U
Other	N	N	N	N	390	439	124	148	182	251	232	273	339	369	441	469	462	518	510	(R) 500	(P) 519	U
<b>Rail</b>																						
Intercity / Amtrak <sup>f</sup>	17,064	13,260	6,179	3,931	4,503	4,825	6,057	6,273	6,091	6,199	5,921	5,545	5,050	5,166	5,304	5,330	5,498	5,559	5,468	5,680	5,511	U

KEY: N = data do not exist; P = preliminary; R = revised; U = data are not available.

<sup>a</sup> All operations other than those operating under 14 CFR 121 and 14 CFR 135.

<sup>b</sup> In July 1997, FHWA published revised passenger-miles data for the highway modes for a number of years. The major change reflected the reassignment of some vehicles from the passenger car category to the other 2-axle 4-tire vehicle category. Passenger-miles for passenger car, motorcycle, and other 2-axle 4-tire vehicles were derived by multiplying vehicle-miles for these vehicles by average vehicle occupancy rates, provided by the Nationwide Personal Transportation Survey (1977, 1983, and 1995) and the National Household Travel Survey (2001).

<sup>c</sup> U.S. Department of Transportation, Federal Highway Administration (FHWA), provides data separately for passenger car and motorcycle in its annual *Highway Statistics* series. However, the 1995 summary report provides updated data for passenger car and motorcycle combined. Passenger car figures in this table were computed by U.S. Department of Transportation, Bureau of Transportation Statistics by subtracting the most current motorcycle figures from the aggregate passenger car and motorcycle figures.

<sup>d</sup> Motor bus and demand responsive figures are also included in the bus figure for highway.

<sup>e</sup> Prior to 1985, excludes demand responsive and most rural and smaller systems funded via Sections 18 and 16(b)(2), Federal Transit Act. The series is not continuous between 1980 and 1985. Transit rail modes are measured in car-miles. Car-miles measure individual vehicle-miles in a train. A 10-car train traveling 1 mile would equal 1 train-mile and 10 car-miles.

<sup>f</sup> Amtrak began operations in 1971. Does not include contract commuter passengers.

<sup>g</sup> Included in passenger car.

<sup>h</sup> Included in other single-unit 2-axle 6-tire or more truck.

<sup>i</sup> Includes commuter rail figures only.

<sup>j</sup> Ferryboat included in other.

#### NOTE

Air carrier passenger-miles are computed by summing the products of the aircraft-miles flown on each interairport segment multiplied by the number of passengers carried on that segment. Highway passenger-miles from 1960 to 1994 are calculated by multiplying vehicle-miles of travel as cited by FHWA by the average number of occupants for each vehicle type. Average vehicle occupancy rates are based on various sources, such as the National Household Travel Survey, conducted by the Federal Highway Administration, and the Vehicle Inventory and Use Survey, conducted by the Bureau of the Census. Transit passenger-miles are the cumulative sum of the distances ridden by each passenger. Rail passenger-miles represent the movement of 1 passenger for 1 mile.

#### SOURCES

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1985-2005: U.S. Department of Transportation, Bureau of Transportation Statistics, Office of Airline Information, *Air Carrier Traffic Statistics* (Washington, DC: Annual December issues), page 3, line1.

*General aviation:*

1960-2001: Eno Transportation Foundation, Inc., *Transportation in America, 2002* (Washington, DC: 2002), pp. 45-46.

##### Highway:

*Passenger car and motorcycle:*

1960-94: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics Summary to 1995*, Internet site <http://www.fhwa.dot.gov/ohim/summary95/index.html> as of July 28, 2000, table VM-201A.

1995-2004: Ibid., *Highway Statistics* (Washington, DC: Annual issues), table VM-1, and Internet site <http://www.fhwa.dot.gov/policy/ohpi/hss/index.htm>.

*Motorcycle:*

1970-80: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics Summary to 1985* (Washington, DC: 1986), table VM-201A.

1985-2004: Ibid., *Highway Statistics* (Washington, DC: Annual issues), table VM-1, and Internet site <http://www.fhwa.dot.gov/policy/ohpi/hss/index.htm>.

*Other 2-axle 4-tire vehicle:*

1970-94: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics Summary to 1995*, Internet site <http://www.fhwa.dot.gov/ohim/summary95/index.html> as of July 28, 2000, table VM-201A.

1995-2003: Ibid., *Highway Statistics* (Washington, DC: Annual issues), table VM-1, and Internet site <http://www.fhwa.dot.gov/policy/ohpi/hss/index.htm>.

*Single-unit 2-axle 6-tires or more truck, combination truck, and bus:*

1960-94: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics Summary to 1995*, Internet site <http://www.fhwa.dot.gov/ohim/summary95/index.html> as of July 28, 2000, table VM-201A.

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2000-04: Ibid., *2005 Public Transportation Fact Book* (Washington, DC: Annual issues), table 76 and similar tables in earlier editions.

*All other data:*

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