

RAILROADS.

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NO. 97.—NUMBER OF MILES OF RAILROAD IN OPERATION IN EACH STATE AND TERRITORY OF THE UNITED STATES DURING THE YEARS ENDING DECEMBER 31, 1850, 1860, 1870, AND FROM 1880 TO 1887, INCLUSIVE.

[From Poor's Railroad Manual.]

State or Territory.	1850.	1860.	1870.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.
Maine	245	472	786	1,005	1,027	1,056	1,099	1,142	1,135	1,149	1,179
New Hampshire	467	661	736	1,015	1,021	1,038	1,042	1,044	1,044	1,050	1,073
Vermont	290	554	614	914	916	925	937	944	947	947	947
Massachusetts	1,035	1,264	1,480	1,915	1,959	1,967	1,979	1,990	1,998	2,018	2,069
Rhode Island	68	108	136	210	211	211	211	211	210	210	210
Connecticut	402	601	742	925	960	963	963	976	976	976	976
New England	2,507	3,660	4,494	5,982	6,094	6,158	6,231	6,307	6,310	6,350	6,454
New York	1,361	2,682	3,928	5,991	6,260	6,991	7,349	7,335	7,385	7,481	7,576
New Jersey	206	560	1,125	1,684	1,773	1,862	1,874	1,889	1,921	1,957	1,972
Pennsylvania	1,240	2,598	4,656	6,191	6,356	6,884	7,236	7,546	7,667	7,872	7,993
Delaware	59	127	197	275	275	282	282	307	316	335	335
Maryland	259	386	671	1,040	1,065	1,079	1,099	1,082	1,189	1,255	1,243
District of Columbia						18	18	18	22	22	22
West Virginia	97	352	387	691	706	813	948	1,026	1,039	1,147	1,198
Middle States	3,202	6,705	10,964	15,872	16,435	17,929	18,806	19,203	19,539	20,039	20,339
Virginia	384	1,379	1,449	1,893	2,220	2,450	2,553	2,688	2,693	2,730	2,794
North Carolina	283	937	1,178	1,486	1,645	1,781	1,812	1,938	2,028	2,202	2,377
South Carolina	289	973	1,139	1,427	1,479	1,508	1,549	1,564	1,667	1,814	1,918
Georgia	643	1,420	1,945	2,459	2,561	2,878	2,933	2,978	3,116	3,391	3,618
Florida	21	402	446	518	693	964	1,157	1,324	1,603	1,918	2,111
Alabama	183	743	1,167	1,843	1,859	1,901	2,059	2,191	2,226	2,280	2,801
Mississippi	75	862	990	1,127	1,182	1,303	1,616	1,844	1,920	2,111	2,210
Louisiana	80	335	450	652	914	1,010	1,201	1,316	1,370	1,381	1,446
Tennessee		1,253	1,492	1,843	1,900	2,065	2,112	2,166	2,158	2,199	2,267
Kentucky	78	534	1,017	1,530	1,672	1,745	1,852	1,887	2,010	2,117	2,278
Southern States	2,036	8,838	11,173	14,778	16,125	17,605	18,847	19,896	20,811	22,143	23,820
Ohio	575	2,946	3,538	5,792	6,289	6,901	7,217	7,276	7,338	7,456	7,606
Michigan	342	779	1,638	3,938	4,283	4,614	5,072	5,233	5,269	5,636	6,322
Indiana	228	2,163	3,177	4,373	4,759	5,372	5,543	5,534	5,600	5,711	5,813
Illinois	111	2,790	4,823	7,851	8,260	8,676	8,868	8,909	8,905	9,276	9,597
Wisconsin	20	905	1,525	3,155	3,457	3,811	4,039	4,289	4,418	4,869	5,226
Minnesota			1,092	3,151	3,338	3,735	3,906	4,193	4,331	4,823	5,019
Dakota Territory			65	1,225	1,608	2,084	2,495	2,759	2,877	3,098	4,440
Iowa		655	2,683	5,400	6,164	6,967	7,216	7,510	7,504	7,935	8,291
Nebraska			705	1,953	2,277	2,498	2,696	2,794	2,988	3,616	4,676
Kansas			1,501	3,400	3,609	3,820	3,964	4,205	4,441	6,119	8,119
Missouri		817	2,000	3,965	4,207	4,501	4,619	4,710	4,969	5,068	5,628
Indian Territory				289	295	350	353	353	353	432	910
Arkansas	38	256	859	1,002	1,488	1,782	1,764	2,146	2,196	2,349	2,349
Texas	307	711	3,244	4,913	6,009	6,075	6,198	6,687	7,295	8,350	8,350
Colorado			157	1,570	2,187	2,766	2,832	2,842	2,884	2,944	3,768
New Mexico Territory				758	1,047	1,089	1,140	1,191	1,195	1,233	1,277
Wyoming Territory			429	512	576	625	625	616	617	778	911
Idaho Territory				206	276	494	777	811	798	811	865
Utah Territory			257	842	877	1,062	1,124	1,134	1,139	1,139	1,145
Montana Territory				106	271	633	1,035	1,047	1,047	1,062	1,663
Western States, etc.	1,276	11,400	24,557	52,589	59,755	67,495	71,328	73,368	75,506	82,097	91,935
Nevada			593	739	895	948	948	948	954	954	954
California	23	925	2,195	2,309	2,636	2,881	2,911	3,044	3,297	3,677	3,677
Arizona Territory				349	497	713	866	906	906	989	1,059
Oregon		159	508	573	756	950	1,165	1,181	1,119	1,267	1,267
Washington Territory				289	472	472	598	675	736	898	997
Pacific States, etc.	23	1,677	4,080	4,740	5,525	6,243	6,605	6,821	7,357	7,954	7,954

RECAPITULATION.

New England States	2,507	3,660	4,494	5,982	6,094	6,158	6,231	6,307	6,310	6,351	6,454
Middle States	3,202	6,705	10,964	15,872	16,435	17,929	18,806	19,203	19,539	20,039	20,339
Southern States	2,036	8,838	11,173	14,778	16,125	17,605	18,847	19,896	20,811	22,143	23,820
Western States and Ter	1,276	11,400	24,557	52,589	59,755	67,495	71,328	73,368	75,506	82,097	91,935
Pacific States and Ter		23	1,677	4,080	4,746	5,525	6,243	6,605	6,821	7,357	7,954
Grand total	9,021	30,626	52,865	93,301	103,155	114,712	121,455	125,379	128,987	137,986	150,502

Source: Statistical Abstract of the United States: 1887 Edition.

Transportation

This section presents data on civil air transportation, both passenger and cargo, and on water transportation, including inland waterways, oceanborne commerce, the merchant marine, cargo, and vessel tonnages.

This section also presents statistics on revenues, passenger and freight traffic volume, and employment in various revenue-producing modes of the transportation industry, including motor vehicles, trains, and pipelines. Data are also presented on highway mileage and finances, motor vehicle travel, accidents, and registrations; and characteristics of public transit, railroads, and pipelines. Data from the 2001 National Household Travel Survey are now included in Section 26.

Principal sources of air and water transportation data are the annual *National Transportation Statistics*, issued by the U.S. Bureau of Transportation Statistics; the *Annual Report* issued by the Air Transport Association of America, Washington, DC; and the annual *Waterborne Commerce of the United States* issued by the Corps of Engineers of the Department of the Army. In addition, the U.S. Census Bureau in its commodity flow survey (part of the census of transportation, taken every 5 years through 2002, for years ending in "2" and "7") provides data on the type, weight, and value of commodities shipped by manufacturing establishments in the United States, by means of transportation, origin, and destination. The latest reports for 2002 are part of the 2002 Economic Census. This census was conducted in accordance with the 2002 North American Industry Classification System (NAICS). See text, Section 15, Business Enterprise, for a discussion of the 2002 Economic Census and NAICS.

The principal compiler of data on public roads and on operation of motor vehicles is the U.S. Department of Transportation's

(DOT) Federal Highway Administration (FHWA). These data appear in FHWA's annual *Highway Statistics* and other publications.

The U.S. National Highway Traffic Safety Administration issues data on traffic accident deaths and death rates in two annual reports: the *Fact Book* and the *Fatal Accident Reporting System Annual Report*. DOT's Federal Railroad Administration presents data on accidents involving railroads in its annual *Accident/Incident Bulletin*, and the *Rail-Highway Crossing Accident/Incident and Inventory Bulletin*.

Data are also presented in many nongovernment publications. Among them are the weekly and annual *Cars of Revenue Freight Loaded* and the annual *Yearbook of Railroad Facts*, both published by the Association of American Railroads, Washington, DC; *Transit Fact Book*, containing electric railway and motorbus statistics, published annually by the American Public Transit Association, Washington, DC; *Injury Facts*, issued by the National Safety Council, Chicago, IL; and *Transportation in America*, issued by the Eno Foundation for Transportation, Washington, DC.

Civil aviation—Federal promotion and regulation of civil aviation have been carried out by the FAA and the Civil Aeronautics Board (CAB). The CAB promoted and regulated the civil air transportation industry within the United States and between the United States and foreign countries. The Board granted licenses to provide air transportation service, approved or disapproved proposed rates and fares, and approved or disapproved proposed agreements and corporate relationships involving air carriers. In December 1984, the CAB ceased to exist as an agency. Some of its functions were transferred to the Department of Transportation (DOT), as outlined below. The responsibility for investigation of aviation accidents resides with the National Transportation Safety Board.

The Office of the Secretary, DOT aviation activities include: negotiation of international air transportation rights, selection of U.S. air carriers to serve capacity-controlled international markets, oversight of international rates and fares, maintenance of essential air service to small communities, and consumer affairs. DOT's Bureau of Transportation Statistics (BTS) handles aviation information functions formerly assigned to CAB. Prior to BTS, the Research and Special Programs Administration handled these functions.

The principal activities of the FAA include: the promotion of air safety; controlling the use of navigable airspace; prescribing regulations dealing with the competency of airmen, airworthiness of aircraft and air traffic control; operation of air route traffic control centers, airport traffic control towers, and flight service stations; the design, construction, maintenance, and inspection of navigation, traffic control, and communications equipment; and the development of general aviation.

The CAB published monthly and quarterly financial and traffic statistical data for the certificated route air carriers. BTS continues these publications, including both certificated and noncertificated (commuter) air carriers. The FAA annually publishes data on the use of airway facilities; data related to the location of airmen, aircraft, and airports; the volume of activity in the field of nonair carrier (general aviation) flying; and aircraft production and registration.

General aviation comprises all civil flying (including such commercial operations as small demand air taxis, agriculture application, powerline patrol, etc.) but excludes certificated route air carriers, supplemental operators, large-aircraft commercial operators, and commuter airlines.

Air carriers and service—The CAB previously issued “certificates of public convenience and necessity” under Section 401 of the Federal Aviation Act of 1958 for scheduled and nonscheduled (charter) passenger services and cargo services. It also issued certificates under Section 418 of the Act to cargo air carriers for domestic all-cargo service only. The DOT Office

of the Secretary now issues the certificates under a “fit, willing, and able” test of air carrier operations. Carriers operating only a 60-seat-or-less aircraft are given exemption authority to carry passengers, cargo, and mail in scheduled and nonscheduled service under Part 298 of the DOT (formerly CAB) regulations. Exemption authority carriers who offer scheduled passenger service to an essential air service point must meet the “fit, willing, and able” test.

Vessel shipments, entrances, and clearances—Shipments by dry cargo vessels comprise shipments on all types of watercraft, except tanker vessels; shipments by tanker vessels comprise all types of cargo, liquid and dry, carried by tanker vessels.

A vessel is reported as entered only at the first port which it enters in the United States, whether or not cargo is unloaded at that port. A vessel is reported as cleared only at the last port at which clearance is made to a foreign port, whether or not it takes on cargo. Army and Navy vessels entering or clearing without commercial cargo are not included in the figures.

Units of measurement—Cargo (or freight) tonnage and shipping weight both represent the gross weight of the cargo including the weight of containers, wrappings, crates, etc. However, shipping weight excludes lift and cargo vans and similar substantial outer containers. Other tonnage figures generally refer to stowing capacity of vessels, 100 cubic feet being called 1 ton. Gross tonnage comprises the space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers, or crew, with certain minor exceptions. Net or registered tonnage is the gross tonnage less the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. Substantially, it represents space available for cargo and passengers. The net tonnage capacity of a ship may bear little relation to weight of cargo. Deadweight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board)

to load line. It is, therefore, the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety.

Federal-aid highway systems—The Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991 eliminated the historical Federal-Aid Highway Systems and created the National Highway System (NHS) and other federal-aid highway categories. The final NHS was approved by Congress in December of 1995 under the National Highway System Designation Act.

Functional systems—Roads and streets are assigned to groups according to the character of service intended. The functional systems are (1) arterial highways that generally handle the long trips, (2) collector facilities that collect and disperse traffic between the arterials and the lower systems, and (3) local roads and streets that primarily serve direct access to residential areas, farms, and other local areas.

Regulatory bodies—The ICC, created by the U.S. Congress to regulate transportation in interstate commerce, has jurisdiction over railroads, trucking companies, bus lines, freight forwarders, water carriers, coal slurry pipelines, and transportation brokers. The Federal Energy Regulatory Commission is responsible for setting rates and charges for transportation and sale of natural gas and for establishing rates or charges for transportation.

Motor carriers—For 1960–73, Class I for-hire motor carriers of freight were classified by the ICC as those with \$1 million or more of gross annual operating revenue; 1974–79, the class minimum was \$3 million. Effective January 1, 1980, Class I carriers are those with \$5 million or more in revenue. For 1960–68, Class I motor carriers of passengers were classified by the ICC as those with \$200,000 or more of gross annual operating revenue; for 1969–76, as those with revenues of \$1 million or more; and since 1977, as those with \$3 million or more. Effective January 1, 1988, Class I motor carriers of passengers are those with \$5 million or more in operating revenues; Class II less than \$5 million in operating revenues.

Railroads—Railroad companies reporting to the ICC are divided into specific groups as follows: (1) regular line-haul (interstate) railroads (and their nonoperating subsidiaries), (2) switching and terminal railroads, (3) private railroads prior to 1964 (identified by ICC as “circular” because they reported on brief circulars), and (4) unofficial railroads, so designated when their reports are received too late for tabulation. For the most part, the last three groups are not included in the statistics shown here.

For years prior to 1978, Class I railroads were those with annual revenues of \$1 million or more for 1950–55; \$3 million or more for 1956–64; \$5 million or more for 1965–75; and \$10 million or more for 1976–77. In 1978, the classification became Class I, those having more than \$50 million gross annual operating revenue; Class II, from \$10 million to \$50 million; and Class III, less than \$10 million. Effective January 1, 1982, the ICC adopted a procedure to adjust the threshold for inflation by restating current revenues in constant 1978 dollars. In 1988, the criteria for Class I and Class II railroads were \$92.0 million and \$18.4 million, respectively. Also effective January 1, 1982, the ICC adopted a Carrier Classification Index Survey Form for carriers not filing annual report Form R-1 with the commission. Class II and Class III railroads are currently exempted from filing any financial report with the Commission. The form is used for reclassifying carriers.

The Surface Transportation Board (STB) was established pursuant to the ICC Termination Act of 1995, Pub. L. No. 104-88, 109 Stat. 803 (1995) (ICCTA), to assume certain of the regulatory functions that had been administered by the Interstate Commerce Commission. The Board has broad economic regulatory oversight of railroads, addressing such matters as rate reasonableness, car service and interchange, mergers and line acquisitions, line construction, and line abandonments (49 U.S.C. 10101-11908). Other ICC regulatory functions were either eliminated or transferred to the Federal Highway Administration or the Bureau of Transportation Statistics within DOT.

Class I Railroads are regulated by the STB and subject to the Uniform System of Accounts and required to file annual and periodic reports. Railroads are classified based on their annual operating revenues. The class to which a carrier belongs is determined by comparing its adjusted operating revenues for 3 consecutive years to the following scale: Class I, \$250 million or more; Class II, \$20 million to \$250 million; and Class III, \$0 to \$20 million.

Postal Service—The Postal Service provides mail processing and delivery services within the United States. The Postal Reorganization Act of 1970 created the Postal Service, effective July 1971, as an independent establishment of the Federal Executive Branch.

Revenue and cost analysis describes the Postal Service's system of attributing revenues and costs to classes of mail and

service. This system draws primarily upon probability sampling techniques to develop estimates of revenues, volumes, and weights, as well as costs by class of mail and special service. The costs attributed to classes of mail and special services are primarily incremental costs which vary in response to changes in volume; they account for roughly 60 percent of the total costs of the Postal Service. The balance represents "institutional costs." Statistics on revenues, volume of mail, and distribution of expenditures are presented in the Postal Service's annual report, *Cost and Revenue Analysis*, and its *Annual Report of the Postmaster General* and its annual *Comprehensive Statement on Postal Operations*.

Statistical reliability—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Table 1042. Transportation-Related Components of U.S. Gross Domestic Product: 1995 to 2004

[In billions dollars (7,397.7 represents \$7,397,700,000,000), except percent]

Item	1995	2000	2001	2002	2003	2004
CURRENT DOLLARS						
Total transportation-related final demand ¹	(NA)	1,089.5	1,103.9	1,100.6	1,150.0	(NA)
Total gross domestic product (GDP)	7,397.7	9,817.0	10,128.0	10,487.0	11,004.0	11,733.5
Transportation as a percent of GDP	(NA)	11.1	10.9	10.5	10.5	(NA)
Personal consumption of transportation	594.6	853.5	872.3	877.5	925.4	975.5
Motor vehicles and parts	266.7	386.5	407.9	426.1	440.1	449.3
Gasoline and oil	120.2	175.7	171.6	163.4	191.3	224.5
Transportation services	207.7	291.3	292.8	288.0	294	301.7
Gross private domestic investment	(NA)	167.4	148.6	132.6	132.9	(NA)
Transportation structures	(NA)	6.6	6.9	6.6	6.3	(NA)
Transportation equipment	116.1	160.8	141.7	126.0	126.6	(NA)
Net exports of transportation-related goods and service ²	-43.6	-109.0	-108.2	-112.1	-125.2	-132.5
Exports (+)	132.4	179.0	174.3	175.5	174.9	194.3
Civilian aircraft, engines, and parts	26.1	48.1	52.6	50.4	46.7	50.1
Automotive vehicles, engines, and parts	61.3	80.4	75.4	78.9	80.7	87.9
Passenger fares	18.9	20.7	17.9	17.0	15.7	18.5
Other transportation	26.1	29.8	28.4	29.2	31.8	37.8
Imports (-)	176.0	288.0	282.5	287.6	300.1	326.8
Civilian aircraft, engines, and parts	10.7	26.4	31.4	25.5	24.1	24.3
Automotive vehicles, engines, and parts	123.6	195.9	189.8	203.7	210.2	228.0
Passenger fares	14.7	24.3	22.6	20.0	21.0	22.5
Other transportation	27.0	41.4	38.7	38.4	44.8	52.0
Government transportation-related purchases	133.8	177.6	191.2	202.6	216.9	(NA)
Federal purchases	16.1	19.2	21.1	26.2	29.9	(NA)
State and local purchases ³	109.3	149.4	160.3	165.8	170.6	(NA)
Defense-related purchases ⁴	8.4	9.0	9.8	10.6	16.4	16.5
CHAINED (2000) DOLLARS						
Total transportation-related final demand ¹	(NA)	1,089.5	1,098.7	1,098.2	1,112.8	(NA)
Total gross domestic product (GDP)	8,031.7	9,817.0	9,890.7	10,074.8	10,381.3	10,837.2
Transportation as a percent of GDP	(NA)	11.1	11.1	10.9	10.7	(NA)
Personal consumption of transportation	658.6	853.5	872.1	889.3	911.8	929.5
Motor vehicles and parts	272.3	386.5	405.8	428.7	452.1	467.4
Gasoline and oil	154.5	175.7	178.3	180.7	182.0	181.4
Transportation services	231.8	291.3	288.0	279.9	277.7	280.7
Gross private domestic investment	(NA)	167.4	149.4	131.8	127.3	(NA)
Transportation structures	(NA)	6.6	6.6	6.2	5.7	(NA)
Transportation equipment	120.6	160.8	142.8	125.6	121.6	(NA)
Net exports of transportation-related goods and service ²	-46.9	-109.0	-108.5	-114.4	-126.1	-130.4
Exports (+)	142.1	179.0	171.6	170.8	164.8	177.9
Civilian aircraft, engines, and parts	30.3	48.1	49.9	46.5	41.5	42.8
Automotive vehicles, engines, and parts	63.4	80.4	75.2	78.3	79.4	85.9
Passenger fares	19.6	20.7	17.8	16.5	13.5	14.5
Other transportation	28.8	29.8	28.7	29.5	30.4	34.7
Imports (-)	189.0	288.0	280.1	285.2	290.9	308.3
Civilian aircraft, engines, and parts	12.4	26.4	30.2	24.2	22.8	22.2
Automotive vehicles, engines, and parts	126.6	195.9	189.9	203.3	208.6	222.3
Passenger fares	17.3	24.3	20.7	17.4	17.9	19.5
Other transportation	32.7	41.4	39.3	40.3	41.6	44.3
Government transportation-related purchases	156.5	177.6	185.7	191.5	199.8	(NA)
Federal purchases ³	18.0	19.2	20.6	25.0	27.8	(NA)
State and local purchases ³	128.8	149.4	155.8	156.8	157.9	(NA)
Defense-related purchases ⁴	9.7	9.0	9.3	9.7	14.1	13.8

NA Not available. ¹ Sum of total personal consumption of transportation, total gross private domestic investment, net exports of transportation-related goods and services, and total government transportation related purchases. ² Sum of exports and imports. ³ Federal purchases and state and local purchases are the sum of consumption expenditures and gross investment. ⁴ Defense-related purchases are the sum of transportation of material and travel.

Source: U.S. Bureau of Transportation Statistics, *National Transportation Statistics, 2004*. See Internet site <<http://www.bts.gov/publications/nationaltransportationstatistics/2004/>>

Table 1043. Transportation System Mileage Within the U.S.: 1980 to 2003

[3,860 represents 3,860,000]

System	1980	1995	1990	1995	1999	2000	2001	2002	2003
Highway (1,000)	3,860	3,864	3,867	3,912	3,917	3,936	3,948	3,966	3,974
Class 1 rail	164,822	145,764	119,758	108,264	99,430	99,250	97,817	100,125	99,126
Amtrak	24,000	24,000	24,000	24,000	23,000	23,000	23,000	23,000	22,675
Transit:									
Commuter rail ¹	(X)	3,574	4,132	4,160	5,191	5,209	5,209	4,440	(NA)
Heavy rail ²	(X)	1,293	1,351	1,458	1,540	1,558	1,572	1,572	(NA)
Light rail ³	(X)	384	483	568	802	834	897	943	(NA)
Navigable channels	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000
Oil pipeline ⁴	218,393	213,605	208,752	181,912	177,463	176,996	158,489	161,189	160,868
Gas pipeline ⁵ (1,000)	1,052	1,119	1,189	1,278	1,340	1,369	1,374	1,411	(NA)

NA Not available. X Not applicable. ¹ Also called metropolitan rail or regional rail. ² Also called metro, subway, rapid transit, or rapid rail. ³ Also called streetcar, tramway, or trolley. ⁴ Includes trunk and gathering lines for crude-oil pipeline. ⁵ Excludes service pipelines.

Source: U.S. Bureau of Transportation Statistics, *National Transportation Statistics, 2004*. See Internet site <<http://www.bts.gov/publications/nationaltransportationstatistics/2004/>>.

Table 1044. U.S. Aircraft, Vehicles, and Other Conveyances: 1980 to 2003

[121,601 represents 121,601,000]

System	1980	1990	1995	1998	1999	2000	2001	2002	2003
Air:									
Air carrier ¹	3,808	6,083	7,411	8,111	8,228	8,055	8,497	8,194	(NA)
General aviation ² (active fleet)	211,045	198,000	188,089	204,710	219,464	217,533	211,446	211,244	(NA)
Highway, registered vehicles (1,000):									
Passenger car	121,601	133,700	128,387	131,839	132,432	133,621	137,633	135,921	135,670
Motorcycle	5,694	4,259	3,897	3,879	4,152	4,346	4,903	5,004	5,370
Vans, pick-ups, SUVs	27,876	48,275	65,738	71,330	75,356	79,085	84,188	85,011	87,032
Trucks	5,791	6,196	6,719	7,732	7,791	8,023	7,858	7,927	7,912
Bus	529	627	686	716	729	746	750	760	777
Transit: ³									
Motor bus	59,411	58,714	67,107	72,142	74,228	75,013	76,075	76,190	(NA)
Light rail cars ⁴	1,013	913	999	1,220	1,297	1,577	1,366	1,445	(NA)
Heavy rail cars ⁵	9,641	10,419	10,157	10,301	10,306	10,591	10,718	10,718	(NA)
Trolley bus	823	832	885	880	859	951	600	600	(NA)
Commuter rail cars and locomotives	4,500	4,415	4,565	4,963	4,883	5,073	5,124	5,300	(NA)
Demand response	(X)	16,471	29,352	29,646	31,884	33,080	34,661	34,699	(NA)
Other ⁶	(X)	1,197	2,809	4,703	5,059	5,208	5,727	6,330	(NA)
Rail:									
Class I, Freight cars (1,000)	1,168	659	583	576	579	560	500	478	467
Class I, Locomotive	28,094	18,835	18,812	20,261	20,256	20,028	19,745	20,506	20,774
Nonclass I freight cars	102,161	103,527	84,724	121,659	126,762	132,448	125,470	130,590	124,580
Car companies and shippers freight cars	440,552	449,832	550,717	618,404	662,934	688,194	688,806	691,329	687,337
Amtrak, Passenger train car	2,128	1,863	1,722	1,962	1,992	1,894	2,084	2,896	1,623
Amtrak, Locomotive	419	318	313	345	329	378	401	372	442
Water:									
Nonself-propelled vessels ⁷	31,662	31,209	31,360	33,509	33,387	33,152	33,042	32,381	31,335
Self-propelled vessels ⁸	7,126	8,236	8,281	8,523	8,379	8,202	8,546	8,621	8,648
Oceangoing steam and motor ships (1,000 gross tons and over)	864	636	509	470	463	454	443	426	412
Recreational boats (1,000)	8,578	10,996	11,735	12,566	12,738	12,782	12,876	12,854	12,795

NA Not available. X Not applicable. ¹ Air carrier aircraft are those carrying passengers or cargo for hire under 14 CFR 121 and 14 CFR 135. ² Includes air taxi aircraft. ³ 2002 data are preliminary. ⁴ Fixed rail streetcar or trolley, for example. ⁵ Metro, subway, or rapid transit, for example. ⁶ Includes aerial tramway, automated guideway transit, cablecar, ferry boat, inclined plane, monorail, and vanpool. ⁷ Includes dry-cargo barges, tank barges, and railroad-car floats. ⁸ Includes dry-cargo and/or passenger, offshore supply vessels, railroad-car ferries, tankers, and towboats.

Source: U.S. Bureau of Transportation Statistics, *National Transportation Statistics, 2004*. See Internet site <<http://www.bts.gov/publications/nationaltransportationstatistics/2004/>>.

Table 1045. U.S. Freight Gateways: 2003

[In billions of dollars, except as indicated (1,983 represents \$1,983,000,000,000) For the top 50 gateways ranked by value of shipments. Excludes imports of less than \$1,250, exports less than \$2,500, and intransit shipments]

Port	Mode	Rank	Total trade	Exports	Imports	Exports as a percent of total
Total U.S. merchandise trade	(X)	(X)	1,983	724	1,259	36.5
Top 50 gateways	(X)	(X)	1,587	576	1,011	36.3
As a percent of total	(X)	(X)	80.0	79.6	80.2	(X)
Port of Los Angeles, CA	Water	1	122	17	105	13.8
JFK International Airport, NY	Air	2	112	47	65	41.7
Port of Detroit, MI	Land	3	102	55	47	53.5
Port of New York and New Jersey	Water	4	101	24	77	24.0
Port of Long Beach, CA	Water	5	96	17	79	17.9
Port of Laredo, TX	Land	6	79	32	46	41.1
Los Angeles International Airport, CA	Air	7	64	33	31	51.1
Port Huron, MI	Land	8	62	23	40	36.4
Port of Buffalo-Niagara Falls, NY	Land	9	59	27	32	46.1
Chicago, IL	Air	10	54	21	34	37.9
Port of Houston, TX	Water	11	50	21	28	43.0
San Francisco International Airport, CA	Air	12	47	21	26	44.1
Port of Charleston, SC	Water	13	39	13	26	34.0
Port of El Paso, TX	Land	14	39	17	22	42.6
Port of Norfolk Harbor, VA	Water	15	29	11	18	37.4
New Orleans, LA	Air	16	27	14	14	50.0
Port of Tacoma, WA	Water	17	26	5	21	19.8
Port of Baltimore, MD	Water	18	26	6	20	21.9
Port of Oakland, CA	Water	19	25	8	17	30.9
Dallas-Fort Worth, TX	Air	20	24	11	12	48.3
Port of Seattle, WA	Water	21	23	6	17	24.6
Miami International Airport, FL	Air	22	23	14	9	61.5
Anchorage, AK	Air	23	22	6	16	25.5
Port of Savannah, GA	Water	24	21	7	14	34.7
Port of Otay Mesa Station, CA	Land	25	20	8	11	42.0
Port of New Orleans, LA	Water	26	19	11	8	57.9
Cleveland, OH	Air	27	19	10	9	51.3
Atlanta, GA	Air	28	18	8	10	45.6
Port of Miami, FL	Water	29	17	7	10	41.1
Port of Champlain-Rouses Point, NY	Land	30	14	5	9	36.2
Port of Hidalgo, TX	Land	31	14	6	8	43.6
Newark, NJ	Air	32	13	3	10	20.1
San Juan International Airport, PR	Air	33	12	5	7	42.4
Port of Blaine, WA	Land	34	12	5	7	43.6
Port of Portland, OR	Water	35	12	3	9	25.1
Port of Jacksonville, FL	Water	36	11	2	9	20.8
Port Everglades, FL	Water	37	10	4	6	41.4
Port of Nogales, AZ	Land	38	10	4	7	34.2
Port of Philadelphia, PA	Water	39	10	1	10	6.1
Port of Morgan City, LA	Water	40	10	-	10	1.8
Port of Brownsville, TX	Land	41	10	5	5	51.5
Port of Alexandria Bay, NY	Land	42	10	4	6	38.2
Port of Corpus Christi, TX	Water	43	10	2	8	19.8
Port of Beaumont, TX	Water	44	10	1	9	9.9
Port of Pembina, ND	Land	45	9	5	4	53.1
Boston Logan Airport, MA	Air	46	9	6	3	62.0
Port of Calexico-East, CA	Land	47	9	4	5	42.4
Philadelphia International Airport, PA	Air	48	9	5	4	53.8
Port of Sweetgrass, MT	Land	49	7	4	4	48.1
Seattle-Tacoma International Airport, WA	Air	50	7	4	3	56.8

- Represents or rounds to zero. X Not applicable.

Source: U.S. Bureau of Transportation Statistics, *America's Freight Transportation Gateways, 2004*. See Internet site <<http://www.bts.gov/publications/americasfreighttransportationgateways/>>.

Table 1046. Transportation Outlays by Type of Transport: 1970 to 2001

[In billions of dollars (97.0 represents \$97,000,000,000)]

Type of transport	1970	1980	1985	1990	1995	2000	2001
Private transportation	97.0	305.2	434.7	517.2	629.8	831.3	862.1
Automobiles	95.0	297.1	426.8	507.3	619.4	809.4	835.6
New and used cars	32.0	71.5	137.1	148.1	169.6	205.4	200.6
Other motor vehicles ¹	2.7	11.8	40.8	57.5	80.2	125.9	149.0
Tires, tubes, accessories	7.0	20.6	27.9	32.9	40.6	45.9	45.8
Gasoline and oil	27.4	99.7	111.8	118.0	124.6	164.4	162.1
Tolls	0.8	1.3	1.7	2.5	3.7	4.6	4.9
Insurance less claims	4.4	10.8	11.5	19.9	32.7	30.7	32.1
Interest on debt	4.7	39.1	21.0	28.2	38.0	48.7	51.0
Auto registration fees	1.7	2.9	4.8	6.1	7.0	7.6	7.7
Operators' permit fees	0.2	0.4	0.5	0.6	0.8	0.7	0.8
Repair, greasing, washing, parking, leasing, rentals	14.1	39.1	69.6	93.4	122.2	175.5	181.6
Air	2.0	8.1	7.9	9.9	10.4	21.9	26.5
Aircraft	0.3	2.9	2.3	3.4	4.3	14.3	18.5
Operating costs	1.7	5.2	5.6	6.5	6.1	7.6	8.0
For-hire transportation	14.9	51.0	71.9	99.6	117.6	159.9	148.1
Local	5.0	17.3	25.3	31.6	41.0	52.5	53.4
Bus and transit ²	1.8	9.3	13.5	16.7	21.6	30.6	30.6
Taxi	1.7	2.8	3.8	4.0	5.0	5.6	5.7
Railroad commutation ²	0.2	1.5	2.2	2.8	4.5	4.2	4.5
School bus	1.2	3.8	5.7	8.0	9.9	12.1	12.6
Intercity	7.7	28.4	39.5	53.1	57.8	79.9	70.2
Air ³	6.6	25.1	35.9	49.5	54.0	75.1	64.9
Bus	0.8	1.7	2.0	1.8	1.5	2.0	2.2
Rail ⁴	0.3	1.5	1.6	1.7	2.2	2.7	2.9
Water	(Z)	(Z)	0.1	0.1	0.1	0.2	0.1
International	2.2	5.3	7.1	14.9	18.8	27.5	24.5
Air ³	1.9	5.0	6.6	13.6	16.8	23.0	20.4
Water	0.3	0.3	0.5	1.3	2.0	4.5	4.0
Freight, total	84.0	213.7	273.6	351.0	442.6	575.8	579.6
Highway	62.5	155.3	205.6	270.8	348.1	460.8	467.3
Truck, intercity ⁵	33.6	94.6	123.2	162.3	219.6	305.2	309.4
Truck, local ⁶	28.8	60.5	82.2	108.4	128.4	155.5	157.7
Bus, intercity	0.1	0.2	0.2	0.1	0.1	0.1	0.1
Rail	11.9	27.9	29.2	30.1	34.6	36.5	36.7
Water	5.3	15.5	18.4	20.1	22.7	28.7	27.6
Oil pipeline	1.4	7.5	8.9	8.5	9.1	9.0	9.1
Air carrier	1.2	4.0	6.8	13.7	18.8	27.6	25.8
Other carriers	0.4	1.1	1.7	4.0	5.0	7.8	7.7
Other shipper costs	1.4	2.4	3.0	3.7	4.4	5.4	5.4

Z Less than \$50,000,000. ¹ Includes small pickup trucks, vans, recreational vehicles, and mobile homes. ² Includes federal, state, and local government operating subsidies and capital grants, except 1970 data for railroad commutations. ³ Includes domestic and international air passenger federal excise taxes. ⁴ Includes federal operating subsidies and capital grants for Amtrak and the Northeast Corridor. ⁵ Includes freight, mail, express, and where applicable, subsidies and user fees. ⁶ Excludes use of small trucks/vans used almost exclusively for personal travel.

Source: Eno Transportation Foundation, Inc., Washington, DC, *Transportation in America*, annual (copyright).

Table 1047. Volume of Domestic Intercity Freight and Passenger Traffic by Type of Transport: 1980 to 2001

[Freight traffic in billions ton-miles (2,487 represents 2,487,000,000,000); passenger traffic in billions passenger-miles. A ton-mile is the movement of 1 ton (2,000 pounds) of freight for the distance of 1 mile. A passenger-mile is the movement of 1 passenger for the distance of 1 mile. Comprises public and private traffic, both revenue and nonrevenue. ICC = Interstate Commerce Commission]

Type of transport	1980	1985	1990	1994	1995	1996	1997	1998	1999	2000	2001, est.
Freight traffic, total ¹	2,487	2,458	2,896	3,261	3,407	3,516	3,534	3,591	3,686	3,746	3,733
Railroads	932	895	1,091	1,275	1,375	1,426	1,424	1,442	1,499	1,534	1,558
Truck:											
ICC truck	242	250	311	391	401	428	436	459	474	483	471
Non-ICC truck	313	360	424	517	520	544	560	568	585	591	580
Water:											
Rivers/canals	311	306	390	388	406	392	392	392	403	409	400
Great Lakes	96	76	85	87	91	93	95	96	92	97	94
Oil pipelines	588	564	584	591	601	619	617	620	618	617	616
Domestic airways ²	5	7	10	12	13	14	14	14	15	16	15
Passenger traffic, total	1,468	1,636	1,847	2,065	2,098	2,182	2,247	2,328	2,424	2,494	2,498
Private automobiles ³	1,210	1,310	1,452	1,625	1,641	1,693	1,740	1,806	1,873	1,911	1,938
Air, private carrier ⁴	15	12	13	10	11	12	13	13	14	15	16
Air, public carrier	204	278	346	388	404	435	451	463	488	515	488
Bus	27	24	23	28	28	29	31	32	35	38	42
Railroads ⁵	11	11	13	14	14	13	13	14	14	15	15

¹ Includes both for-hire and private carrier freight, mail and express. ² Includes both scheduled and nonscheduled carriers. ³ Includes small trucks used for travel purposes. ⁴ General aviation including air taxi and small air commuter. ⁵ Traffic by other than Amtrak and classified as noncommutation.

Source: Eno Transportation Foundation, Inc., Washington, DC, *Transportation in America*, annual (copyright).

Table 1048. Transportation and Warehousing—Establishments, Revenue, Payroll, and Employees by Industry: 2002

[17,973 represents \$17,973,000,000. Data are preliminary. For establishments with payroll. Based on the 2002 Economic Censuses; See Appendix III]

Kind of business	2002 NAICS code ¹	Number of establishments	Revenue (mil. dol.)	Annual payroll (mil. dol.)	Paid employees (1,000)
Air transportation ²	481	3,847	17,973	3,549	85.9
Scheduled air transportation	4811	1,674	10,532	2,028	54.6
Nonscheduled air transportation	4812	2,173	7,441	1,522	31.3
Water transportation	483	1,924	23,124	3,032	65.3
Deep sea, coastal, and Great Lakes water transportation	4831	1,334	20,631	2,438	52.0
Truck transportation	484	112,698	165,561	47,834	1,437.3
General freight trucking	4841	59,120	111,550	34,230	992.9
Specialized freight trucking	4842	53,578	54,011	13,603	444.3
Transit and ground passenger transportation ³	485	17,333	18,770	7,575	404.8
Urban transit systems	4851	1,234	3,603	2,047	65.6
Interurban and rural bus transportation	4852	360	769	231	9.2
Taxi and limousine service	4853	6,998	4,160	1,146	67.5
School and employee bus transportation	4854	4,407	5,901	2,570	175.7
Charter bus industry	4855	1,222	1,700	532	28.8
Pipeline transportation ³	486	2,512	27,641	3,083	46.6
Pipeline transportation of crude oil	4861	271	3,334	506	6.9
Pipeline transportation of natural gas	4862	1,701	19,968	2,120	32.5
Scenic and sightseeing transportation	487	2,493	1,773	500	22.1
Scenic and sightseeing transportation, water	4872	1,726	964	267	11.6
Support activities for transportation ³	488	34,223	62,316	16,558	478.2
Support activities for air transportation	4881	4,972	13,151	3,961	132.7
Support activities for rail transportation	4882	840	2,068	745	21.6
Support activities for water transportation	4883	2,502	9,801	2,764	69.6
Support activities for road transportation	4884	8,000	4,153	1,360	56.3
Freight transportation arrangement	4885	16,570	31,040	7,086	175.9
Couriers and messengers	492	12,754	59,373	17,432	578.3
Couriers	4921	7,485	56,028	16,296	523.0
Local messengers and local delivery	4922	5,269	3,345	1,136	55.2
Warehousing and storage	493	12,637	17,925	18,689	639.2

¹ North American Industry Classification System, 2002; see text, Section 15. ² Excludes large certificated passenger carriers that do not report to the Office of Airline Information, U.S. Department of Transportation. ³ Includes other industries, not shown separately.

Source: U.S. Bureau of the Census, "2002 Economic Census Industry Series Reports, Transportation and Warehousing." See Internet site <<http://www.census.gov/econ/census02/guide/INDRPT48.HTM>> (accessed 2 May 2005).

Table 1049. Employment and Earnings in Transportation and Warehousing by Industry: 1990 to 2004

[3,476 represents 3,476,000. Annual average of monthly figures. Earnings data for air, rail and water transportation are not available. Based on Current Employment Statistics program; see Appendix III]

Industry	2002 NAICS code ¹	1990	1995	2000	2001	2002	2003	2004
EMPLOYEES (1,000)								
Transportation & warehousing . . .	48,49	3,476	3,838	4,410	4,372	4,224	4,185	4,250
Air transportation	481	529	511	614	615	564	528	515
Rail transportation	482	272	233	232	227	218	218	224
Water transportation	483	57	51	56	54	53	55	57
Truck transportation	484	1,122	1,249	1,406	1,387	1,339	1,326	1,351
Transit and ground	485	274	328	372	375	381	382	386
Pipeline transportation	486	60	54	46	45	42	40	39
Scenic and sightseeing	487	16	22	28	29	26	27	27
Support activities	488	364	430	537	539	525	520	536
Couriers and messengers	492	375	517	605	587	561	562	561
Warehousing and storage	493	407	444	514	514	517	528	556
AVG. WEEKLY EARNINGS² (dol.)								
Transportation & warehousing . . .	48,49	471.72	513.37	562.31	562.70	579.75	598.41	614.90
Truck transportation	484	489.65	554.10	635.18	603.79	626.32	652.07	686.43
Transit and ground	485	315.91	355.78	399.59	400.17	421.93	426.46	415.61
Pipeline transportation	486	610.40	750.77	826.00	860.35	936.68	1,077.76	1,100.50
Scenic and sightseeing	487	288.86	303.32	360.05	371.80	361.05	368.64	352.10
Support activities	488	437.09	490.92	549.04	577.97	616.04	658.20	657.26
Couriers and messengers	492	235.75	342.66	384.31	390.42	398.07	403.86	414.96
Warehousing and storage	493	404.59	462.91	558.49	564.78	571.73	567.40	557.79

¹ North American Industry Classification System 2002, see text, sections 12 and 15. ² For nonsupervisory workers.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, March 2005 issue. See also Internet site: <<http://www.bls.gov/ces/home.htm>>.

Table 1050. Transportation and Warehousing—Establishments, Employees, and Payroll by Kind of Business (NAICS Basis): 2000 and 2002

[3,790.0 represents 3,790,000. For establishments with payroll. See Appendix III. County Business Patterns excludes rail transportation (NAICS 482) and the National Postal Service (NAICS 491)]

Industry	1997 NAICS code ¹	Establishments		Paid employees ² (1,000)		Annual payroll (mil. dol.)	
		2000	2002	2000	2002	2000	2002
Transportation & warehousing	48-49	190,044	195,143	3,790.0	3,581.0	125,592.4	127,251.9
Air transportation	481	5,429	5,512	615.6	548.3	26,569.3	27,470.9
Scheduled air transportation	4811	3,324	3,297	570.9	513.6	24,484.5	25,739.1
Scheduled passenger air transportation	481111	2,740	2,739	536.2	486.7	23,470.7	24,889.8
Scheduled freight air transportation	481112	584	558	34.7	26.9	1,013.8	849.3
Nonscheduled air transportation	4812	2,105	2,215	44.7	34.6	2,084.8	1,731.8
Water transportation	483	1,900	1,902	67.6	64.3	3,003.2	3,164.7
Deep sea, coastal, & Great Lakes water transportation	4831	1,254	1,222	47.8	45.5	2,214.2	2,360.3
Inland water transportation	4832	646	680	19.7	18.7	789.0	804.4
Inland water freight transportation	483211	402	419	16.3	15.1	673.9	681.2
Inland water passenger transportation	483212	244	261	3.5	3.6	115.1	123.2
Truck transportation	484	110,416	111,308	1,415.8	1,333.3	46,451.5	45,067.4
General freight trucking	4841	55,874	56,746	922.7	882.0	31,614.0	30,866.7
General freight trucking, local	484111	20,329	21,172	153.3	156.1	4,529.8	4,903.5
General freight trucking, long distance	48412	35,545	35,574	769.5	725.9	27,084.2	25,963.3
Specialized freight trucking	4842	54,542	54,562	493.1	451.3	14,837.5	14,200.7
Used household & office goods moving	48421	9,147	8,781	128.9	114.6	3,661.4	3,314.1
Specialized freight (except used goods) trucking, local	48422	32,493	33,326	200.4	189.6	5,692.4	5,650.5
Specialized freight (except used goods) trucking, long-distance	48423	12,902	12,455	163.7	147.1	5,483.7	5,236.1
Transit & ground passenger transportation	485	16,383	17,073	386.9	387.3	7,214.7	7,780.1
Urban transit systems	4851	705	751	43.1	46.2	1,295.8	1,482.7
Mixed mode systems	485111	152	151	6.2	5.2	146.9	129.3
Commuter rail	485112	15	16	(D)	(D)	(D)	(D)
Bus and other motor vehicle mode systems	485113	505	542	31.4	35.6	925.1	1,074.4
Other	485119	33	42	(D)	(D)	(D)	(D)
Interurban & rural bus transportation	4852	444	579	26.8	20.7	709.7	730.8
Taxi & limousine service	4853	6,806	7,146	67.8	65.6	1,244.3	1,269.2
Taxi service	48531	3,116	3,164	30.4	29.1	485.2	492.8
Limousine service	48532	3,690	3,982	37.5	36.5	759.1	776.5
School & employee bus transportation	4854	4,217	4,352	162.9	171.6	2,322.6	2,612.2
Charter bus industry	4855	1,451	1,473	34.1	32.2	668.7	667.0
Other transit & ground passenger transportation	4859	2,760	2,772	52.2	51.1	973.6	1,018.2
Special needs transportation	485991	1,914	1,886	34.8	35.0	648.9	704.0
Pipeline transportation	486	2,802	2,701	53.0	50.4	3,828.6	3,915.5
Pipeline transportation of crude oil	4861	307	281	6.7	6.0	425.6	472.3
Pipeline transportation of natural gas	4862	1,938	1,936	39.2	37.5	2,991.1	2,994.1
Other pipeline transportation	4869	557	504	7.0	6.9	441.9	449.0
Scenic & sightseeing transportation	487	2,254	2,503	23.6	19.3	583.5	497.5
Scenic & sightseeing transportation, land	4871	454	538	8.7	7.2	192.8	164.4
Scenic & sightseeing transportation, water	4872	1,642	1,784	13.0	10.5	331.2	281.6
Scenic & sightseeing transportation, other	4879	158	181	2.0	1.7	59.5	51.5
Support activities for transportation	488	31,440	33,342	472.4	475.5	16,507.0	17,553.4
Support activities for air transportation	4881	4,368	4,926	126.7	126.3	3,634.0	3,899.4
Airport operations	48811	1,834	1,942	67.9	67.6	1,569.5	1,762.7
Air traffic control	488111	137	156	0.8	1.0	29.9	45.9
Other support activities for air transportation	48819	2,534	2,984	58.8	58.8	2,064.6	2,136.7
Support activities for rail transportation	4882	821	924	21.4	20.7	714.4	733.9
Support activities for water transportation	4883	2,543	2,453	81.6	77.2	3,250.7	3,577.0
Port and harbor operations	48831	196	212	7.4	6.3	265.8	246.0
Marine cargo handling	48832	607	595	53.5	50.4	2,194.7	2,425.2
Navigational services to shipping	48833	863	828	11.8	11.2	478.7	510.0
Other	48839	877	818	8.9	9.2	311.5	395.9
Support activities for road transportation	4884	7,010	8,238	56.2	62.0	1,308.8	1,575.9
Motor vehicle towing	48841	6,078	6,813	41.8	43.3	961.7	1,064.8
Freight transportation arrangement	4885	15,177	15,476	161.7	164.4	6,620.3	6,809.9
Other support activities for transportation	4889	1,521	1,325	24.7	24.9	978.6	957.2
Couriers & messengers	492	12,297	13,173	619.3	553.3	17,399.4	17,189.3
Couriers	4921	6,667	7,447	548.9	497.4	15,890.5	15,936.1
Local messengers & local delivery	4922	5,630	5,726	70.5	55.9	1,508.9	1,253.2
Warehousing & storage	493	7,123	7,629	135.9	149.4	4,035.3	4,613.2

D Figure withheld to avoid disclosure pertaining to individual companies. ¹ North American Industry Classification System, 1997; see text, Section 15. ² For employees on the payroll for the pay period including March 12.

Source: U.S. Census Bureau, "County Business Patterns: 2002" issued November 2004; <<http://www.census.gov/epcd/cbp/view/cbpview.html>>.

Table 1051. Transportation Accidents, Deaths, and Injuries: 1980 to 2003

[6,216 represents 6,216,000]

Year and casualty	Type of transport											
	Air					Recreational boating ⁶	Pipeline ⁷		Waterborne (vessel related) ⁸	Rail Rapid Transit ⁹	Hazardous materials ¹⁰	
	Highway ¹ (1,000)	Railroad ²	U.S. Air carrier ³	Commuter air carriers ⁴	On demand air carriers ⁵		General aviation	Gas				Hazardous liquid
Accidents:												
1980 . . .	6,216	8,205	19	38	171	3,590	5,513	1,524	246	4,624	6,789	15,719
1990 . . .	6,471	2,879	24	15	107	2,241	6,411	198	180	3,613	12,178	8,879
2000 . . .	6,394	2,983	56	12	80	1,837	7,740	234	146	3,887	12,782	17,566
2003 . . .	6,328	2,958	54	2	75	1,741	3,888	241	128	3,090	(NA)	15,191
Deaths:												
1980 . . .	51.1	584	1	37	105	1,239	1,360	15	4	206	83	19
1990 . . .	44.6	599	39	6	51	767	865	6	3	85	117	8
2000 . . .	41.9	512	92	5	71	596	701	37	1	49	80	16
2003 . . .	42.6	531	22	2	45	631	703	12	-	46	(NA)	8
Injuries:												
1980 . . .	2,848	58,696	19	14	43	681	2,650	177	15	180	6,801	626
1990 . . .	3,231	22,736	29	11	36	409	3,822	69	7	175	10,036	423
2000 . . .	3,189	10,424	29	7	12	309	4,355	77	4	130	10,848	251
2003 . . .	2,889	7,956	30	1	15	326	3,888	66	5	205	(NA)	117

- Represents zero. NA Not available. ¹ Data on deaths are from U.S. National Highway Traffic Safety Administration and are based on 30-day definition. Includes only police reported crashes. For more detail, see Table 1094. ² Accidents which result in damages to railroad property. Grade crossing accidents are also included when classified as a train accident. Deaths exclude fatalities in railroad-highway grade crossing accidents. ³ Includes scheduled and nonscheduled (charter) air carriers. Represents serious injuries. ⁴ All scheduled service. Represents serious injuries. ⁵ All nonscheduled service. Represents serious injuries. ⁶ Accidents resulting in death, injury or requiring medical treatment beyond first aid; damages exceeding \$500; or a person's disappearance. ⁷ Beginning 1990, pipeline accidents/incidents are credited to year of occurrence; 1980 data are credited to the year filed. ⁸ Covers accidents involving commercial vessels which must be reported to U.S. Coast Guard if there is property damage exceeding \$25,000; material damage affecting the seaworthiness or efficiency of a vessel; stranding or grounding; loss of life; or injury causing a person's incapacity for more than 3 days. ⁹ Reporting criteria and source of data changed between 1989 and 1990; these data from 1990 to present are not comparable to earlier years. ¹⁰ Incidents, deaths, and injuries involving hazardous materials cover all types of transport.

Source: U.S. Bureau of Transportation Statistics, *National Transportation Statistics*, annual. See Internet site <http://www.bts.gov/publications/nts/index.html>.

Table 1052. U. S. Scheduled Airline Industry—Summary: 1995 to 2004

[For calendar years or Dec. 31 (547.8 represents 547,800,000). For domestic and international operations. Covers carriers certificated under Section 401 of the Federal Aviation Act. Minus sign (-) indicates loss]

Item	Unit	1995	1998	1999	2000	2001 ¹	2002 ¹	2003 ²	2004
SCHEDULED SERVICE									
Revenue passengers enplaned	Mil.	547.8	612.9	636.0	666.2	622.1	612.9	646.3	697.8
Revenue passenger miles	Bil.	540.7	618.1	652.0	692.8	651.7	641.1	656.9	731.9
Available seat miles	Bil.	807.1	874.1	918.4	957.0	930.5	892.6	893.8	969.0
Revenue passenger load factor	Percent	67.0	70.7	71.0	72.4	70.0	71.8	73.5	75.5
Mean passenger trip length ³	Miles.	987	1,008	1,025	1,040	1,048	1,046	1,016	1,049
Cargo ton miles	Mil.	16,921	20,496	21,613	23,888	22,003	24,591	26,735	28,003
Aircraft departures	1,000	8,062	8,292	8,627	9,035	8,788	9,187	10,839	11,182
FINANCES									
Total operating revenue⁴	Mil. dol.	95,117	113,810	119,455	130,839	115,526	106,985	117,920	131,510
Passenger revenue	Mil. dol.	69,835	81,052	84,383	93,622	80,947	73,577	77,379	85,657
Freight and express revenue	Mil. dol.	8,616	10,697	11,415	12,486	12,066	12,865	14,101	14,911
Mail revenue	Mil. dol.	1,266	1,708	1,739	1,970	1,063	660	902	701
Charter revenue	Mil. dol.	3,742	4,059	4,284	4,913	4,449	4,225	5,589	5,550
Total operating expense	Mil. dol.	89,266	104,528	111,119	123,840	125,852	115,552	120,028	132,874
Operating profit (or loss)	Mil. dol.	5,852	9,283	8,337	6,999	-10,326	-8,566	-2,108	-1,364
Interest income (or expense)	Mil. dol.	-2,426	-1,753	-1,833	-2,193	-2,506	-3,263	-3,442	-3,633
Net profit (or loss)	Mil. dol.	2,283	4,847	5,277	2,486	-8,275	-11,312	-3,658	-9,071
Revenue per passenger mile	Cents	12.9	13.1	12.9	13.5	12.4	11.5	11.8	11.7
Operating profit margin	Percent	6.2	8.2	7.0	5.3	-8.9	-8.0	-1.8	-1.0
Net profit margin	Percent	2.4	4.3	4.4	1.9	-7.2	-10.6	-3.1	-6.9
EMPLOYEES⁵									
Total	1,000	547.0	621.1	646.4	680.0	672.0	601.4	569.8	569.1
Pilots and copilots	1,000	55.4	64.1	67.2	72.4	73.8	68.8	67.8	65.6
Other flight personnel	1,000	8.6	11.1	12.4	10.8	9.6	7.5	8.2	5.1
Flight attendants	1,000	86.7	97.6	105.6	112.6	111.0	97.7	89.7	89.0
Mechanics	1,000	50.5	69.9	70.3	72.1	70.8	61.7	57.3	57.2
Aircraft and traffic servicing personnel	1,000	251.1	290.1	295.6	311.7	303.9	280.9	267.3	270.6
All other	1,000	94.8	88.3	95.3	100.3	102.9	84.9	79.4	81.6

¹ Includes cash compensation remitted to carriers under the Air Transportation Safety and System Stabilization Act (P.L. 107-42). ² Includes security costs reimbursements remitted to carriers under the Emergency Wartime Supplemental Appropriations Act (P.L. 108-11). ³ For definition of mean, see Guide to Tabular Presentation. ⁴ Includes other types of revenues, not shown separately. ⁵ Average number of full-time equivalents.

Source: Air Transport Association of America, Washington, DC, *Air Transport Annual Report*.

Table 1053. Airline Cost Indexes: 1980 to 2003

[1982 = 100. Covers U.S. major and national passenger carriers. Major carriers have operating revenues of \$1 billion or more; national have operating revenues from \$100 million to \$1 billion]

Index	1980	1985	1990	1995	1997	1998	1999	2000	2001	2002	2003
Composite index ¹	87.2	108.8	142.2	161.1	168.4	171.4	173.8	176.5	182.0	187.6	188.0
Labor costs	84.7	109.6	121.1	152.2	159.1	160.0	162.0	169.9	182.0	193.6	204.2
Fuel	92.0	91.0	77.4	54.9	63.4	50.4	52.2	77.2	76.7	71.5	85.2
Aircraft ownership ²	91.7	138.6	207.3	247.2	254.1	259.6	277.5	296.8	298.6	309.3	307.9
Non-aircraft ownership	79.9	111.7	184.0	212.3	191.0	195.5	202.4	206.4	230.2	226.3	229.4
Professional services	83.2	134.9	196.8	248.0	258.8	281.1	282.6	285.6	290.9	279.7	284.9
Food and beverage	93.4	99.5	128.8	109.7	101.7	103.7	104.8	102.4	102.5	89.1	77.4
Landing fees	90.1	98.7	141.2	171.1	176.6	170.2	178.3	174.3	180.6	201.9	216.0
Maintenance material	108.3	127.3	191.5	147.2	179.4	176.2	163.3	168.8	148.2	127.1	106.5
Aircraft insurance	93.4	150.7	56.8	119.5	99.4	53.6	36.0	36.0	50.9	94.7	63.0
Non-aircraft insurance	91.6	160.4	84.0	266.0	242.5	179.9	124.7	120.7	218.0	686.1	532.2
Passenger commissions	77.1	112.5	163.9	134.8	122.9	109.1	95.2	77.2	61.5	38.5	28.7
Communication	70.3	98.4	114.2	115.0	110.0	116.2	134.8	131.4	144.5	133.2	112.6
Advertising and promotion	69.8	95.1	96.8	64.0	56.3	60.6	61.0	59.7	55.1	44.6	41.6
Utilities and office supplies	88.8	113.2	128.4	115.4	128.7	127.8	128.1	137.8	143.2	120.2	107.4
Other operating expenses	86.1	111.2	130.6	148.1	153.9	155.8	158.0	161.3	163.2	165.9	169.0
Interest ³	87.9	98.5	97.9	94.7	71.2	60.2	53.8	54.4	50.6	53.6	50.7

¹ Weighted average of all components, including interest. ² Includes lease, aircraft and engine rentals, depreciation and amortization. ³ Interest on long-term debt and capital and other interest expense.

Source: Air Transport Association of America, Washington, DC, *Airline Cost Index, Major and National Carriers, Third Quarter 2004*. See Internet site <<http://www.airlines.org/econ/econ.aspx>> (accessed 07 June 2005).

Table 1054. Top 40 Airports in 2004—Passengers Enplaned: 1994 and 2004

[In thousands (501,197 represents 501,197,000), except rank. For calendar year. Airports ranked by total passengers enplaned by large certificated air carriers on scheduled and nonscheduled operations]

Airport	1994		2004		Airport	1994		2004	
	Total	Rank	Total	Rank		Total	Rank	Total	Rank
All airports.	501,197	(X)	652,712	(X)	Baltimore, MD (BWI)	5,481	27	9,735	22
Total, top 40	382,759	(X)	502,609	(X)	Washington, DC (Dulles Intl.)	4,218	35	9,389	23
Atlanta, GA (Hartsfield Intl.)	25,630	2	40,399	1	Chicago, IL (Midway)	4,049	36	9,236	24
Chicago, IL (O'Hare Intl.)	29,700	1	33,653	2	Fort Lauderdale-Hollywood Intl., FL	4,500	32	9,173	25
Dallas/Ft. Worth, Intl, TX	25,117	3	27,563	3	Salt Lake City Intl, UT	7,825	23	8,868	26
Los Angeles Intl, CA	19,721	4	22,892	4	San Diego, CA (Lindbergh Field)	6,160	26	8,089	27
Denver Intl, CO	14,640	5	19,856	5	Tampa Intl, FL	5,416	29	8,065	28
Las Vegas, NV (McCarran Intl.)	10,435	14	19,413	6	Honolulu Intl, HI	8,494	22	7,830	29
Phoenix Sky Harbor Intl, AZ	12,427	7	19,123	7	Wash, DC (Ronald Reagan Washington National)	6,975	25	7,184	30
Minneapolis/St. Paul Intl, MN	10,456	13	17,282	8	Metropolitan Oakland Intl, CA	3,992	38	6,825	31
Detroit, MI (Wayne County)	11,822	8	16,784	9	Portland Intl, OR	4,826	30	6,267	32
Houston Intercontinental, TX	9,626	17	16,707	10	St. Louis, MO (Lambert-St. Louis Intl)	11,453	10	5,880	33
Newark Intl, NJ	11,782	9	14,026	11	Pittsburgh Intl, PA	8,928	19	5,704	34
Orlando Intl, FL	8,863	21	13,752	12	Memphis Intl, TN	3,454	43	5,285	35
Seattle-Tacoma Intl, WA	9,936	15	13,744	13	San Jose Intl, CA	4,016	37	5,190	36
San Francisco Intl, CA	14,309	6	13,504	14	Cleveland, OH (Cleveland-Hopkins Intl.)	4,665	31	5,151	37
New York, NY (JFK Intl)	8,894	20	13,222	15	San Juan, PR (Luis Munoz Marin Intl)	4,377	33	5,074	38
Philadelphia Intl, PA	7,537	24	12,480	16	Kansas City Intl, MO	4,236	34	5,003	39
Miami Intl, FL	10,810	11	11,521	17	Sacramento Intl, CA	2,791	50	4,768	40
Charlotte-Douglas Intl, NC	9,370	18	11,306	18					
Boston, MA (Logan Intl)	10,609	12	11,094	19					
New York, NY (La Guardia)	9,780	16	10,980	20					
Greater Cincinnati, OH	5,441	28	10,594	21					

X Not applicable.

Source: U.S. Bureau of Transportation Statistics, Office of Airline Information, BTS Form 41, Schedule T-3, unpublished data.

Table 1055. Domestic Airline Markets: 2004

[In thousands (3,885 represents 3,885,000). For calendar year. Data are for the 25 top markets and include all commercial airports in each metro area. Data represent origin and final destination of travel]

Market	Passengers	Market	Passengers
New York to—from Fort Lauderdale	3,885	New York to—from Boston	1,625
New York to—from Orlando	3,277	New York to—from Tampa	1,614
New York to—from Chicago	2,861	Dallas/Fort Worth to—from Houston	1,543
New York to—from Los Angeles	2,747	Chicago to—from Orlando	1,374
New York to—from Atlanta	2,509	Chicago to—from Phoenix	1,367
New York to—from Washington	1,922	New York to—from Miami	1,365
New York to—from West Palm Beach	1,873	New York to—from Dallas/Fort Worth	1,354
New York to—from San Francisco	1,821	Los Angeles to—from Las Vegas	1,332
New York to—from Las Vegas	1,817	Atlanta to—from Washington	1,285
New York to—from San Juan	1,809	Los Angeles to—from Oakland	1,259
Chicago to—from Las Vegas	1,712	Chicago to—from Washington	1,253
Chicago to—from Los Angeles	1,692	Chicago to—from Atlanta	1,184
Honolulu to—from Kahului, Maui	1,632		

Source: Air Transport Association of America, Washington, DC, *Annual Report*.

Table 1056. Worldwide Airline Fatalities: 1986 to 2004

[For scheduled air transport operations]

Year	Fatal accidents	Passenger deaths	Death rate ¹	Death rate ²	Year	Fatal accidents	Passenger deaths	Death rate ¹	Death rate ²
1986	24	641	0.07	0.04	1996	24	1,146	0.07	0.05
1987	25	900	0.09	0.06	1997	25	921	0.06	0.04
1988	29	742	0.07	0.04	1998	20	904	0.05	0.03
1989	29	879	0.08	0.05	1999	21	499	0.03	0.02
1990	27	544	0.05	0.03	2000	18	757	0.04	0.03
1991	29	638	0.06	0.03	2001	13	577	0.03	0.02
1992	28	1,070	0.09	0.06	2002	14	791	0.04	0.03
1993	33	864	0.07	0.04	2003	7	466	0.02	0.02
1994	27	1,170	0.09	0.05	2004	9	203	0.01	0.01
1995	25	711	0.05	0.03					

¹ Rate per 100 million passenger miles flown. ² Rate per 100 million passenger kilometers flown.

Source: International Civil Aviation Organization, Montreal, Canada, *Civil Aviation Statistics of the World*, annual.

Table 1057. Aircraft Accidents: 1990 to 2004

[For years ending December 31]

Item	Unit	1990	1995	2000	2001	2002	2003	2004, prel.
Air carrier accidents, all services ¹	Number	24	36	56	46	41	54	28
Fatal accidents	Number	6	3	3	6	-	2	2
Fatalities ²	Number	39	168	92	531	-	22	14
Aboard	Number	12	162	92	525	-	21	14
Rates per 100,000 flight hours:								
Accidents	Rate	0.198	0.267	0.306	0.236	0.237	0.310	0.159
Fatal accidents	Rate	0.049	0.022	0.016	0.011	-	0.011	0.011
Commuter air carrier accidents ³	Number	15	12	12	7	7	2	5
Fatal accidents	Number	3	2	1	2	-	1	-
Fatalities	Number	6	9	5	13	-	2	-
Aboard	Number	4	9	5	13	-	2	-
Rates per 100,000 flight hours:								
Accidents	Rate	0.641	0.457	3.247	2.33	2.559	0.627	1.515
Fatal accidents	Rate	0.128	0.076	0.271	0.666	-	0.313	-
On-demand air taxi accidents ⁴	Number	107	75	80	72	60	75	68
Fatal accidents	Number	29	24	22	18	18	18	24
Fatalities	Number	51	52	71	60	35	42	65
Aboard	Number	49	52	68	59	35	40	64
Rates per 100,000 flight hours:								
Accidents	Rate	4.76	3.02	2.04	2.40	2.06	2.56	2.21
Fatal accidents	Rate	1.29	0.97	0.56	0.60	0.62	0.61	0.78
General aviation accidents ⁵	Number	2,242	2,056	1,837	1,727	1,715	1,741	1,614
Fatal accidents	Number	444	413	345	325	345	352	312
Fatalities	Number	770	735	596	562	581	632	556
Aboard	Number	765	728	585	558	575	629	556
Rates per 100,000 flight hours:								
Accidents	Rate	7.85	8.21	6.57	6.78	6.69	6.77	6.22
Fatal accidents	Rate	1.55	1.63	1.21	1.27	1.33	1.37	1.20

- Represents zero. ¹ U.S. air carriers operating under 14 CFR 121. Beginning 2000, includes aircraft with 10 or more seats, previously operating under 14 CFR 135. ² Other than persons aboard aircraft who were killed, fatalities resulting from the September 11, 2001, terrorist acts are excluded. ³ All scheduled service of U.S. air carriers operating under 14 CFR 135. Beginning 2000, only aircraft with fewer than 10 seats. ⁴ All nonscheduled service of U.S. air carriers operating under 14 CFR 135. ⁵ U.S. civil registered aircraft not operated under 14 CFR 121 or 135.

Source: U.S. National Transportation Safety Board, "Aviation Accident Statistics," Internet site <<http://www.ntsb.gov/aviation/stats.htm>> (accessed 14 June 2005).

Table 1058. U.S. Carrier Delays, Cancellations, and Diversions: 1995 to 2004

[In thousands (5,327.4 represents 5,327,400). For calendar year. See headnote, table 1059]

Item	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total operations	5,327.4	5,352.0	5,411.8	5,384.7	5,527.9	5,683.0	5,967.8	5,271.4	6,488.5	7,129.3
Delays:										
Late departures ¹	827.9	973.9	846.9	870.4	937.3	1,131.7	953.8	717.4	834.4	1,187.6
Late arrivals ²	1,039.3	1,220.0	1,083.8	1,070.1	1,152.7	1,356.0	1,104.4	868.2	1,057.8	1,421.4
Cancellations ³	91.9	128.5	97.8	144.5	154.3	187.5	231.2	65.1	101.5	127.8
Diversions ⁴	10.5	14.1	12.1	13.2	13.6	14.3	12.9	8.4	11.4	13.8

¹ Late departures comprise flights departing 15 minutes or more after the scheduled departure time. ² Late arrivals comprise flights arriving 15 minutes or more after the scheduled arrival time. ³ A cancelled flight is one that was not operated, but was listed in a carrier's computer reservation system within seven days of the scheduled departure. ⁴ A diverted flight is one that left from the scheduled departure airport but flew to a destination point other than the scheduled destination point.

Source: U.S. Bureau of Transportation Statistics, *National Transportation Statistics*, annual. See Internet site <<http://www.bts.gov/publications/nts/index.html>>.

Table 1059. On-Time Flight Arrivals and Departures at Major U.S. Airports: 2004

[In percent. Quarterly, based on gate arrival and departure times for domestic scheduled operations of U.S. major airlines. All U.S. airlines with 1 percent or more of total U.S. domestic scheduled airline passenger revenues are required to report on-time data. A flight is considered on time if it operated less than 15 minutes after the scheduled time shown in the carrier's computerized reservation system. See source for data on individual airlines]

Airport	On-time arrivals				On-time departures			
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.
Total, all airports	77.9	77.9	79.3	77.2	82.2	81.7	82.0	80.3
Total major airports	77.6	77.8	78.9	77.2	81.4	81.2	80.9	79.9
Atlanta, Hartsfield International	73.6	73.1	73.9	70.9	78.4	76.7	76.0	73.3
Baltimore/Washington International	82.1	78.7	79.9	82.7	81.6	78.1	80.0	82.4
Boston, Logan International	79.7	78.0	76.4	77.8	82.9	83.0	80.6	81.9
Charlotte Douglas	84.2	83.4	83.3	81.7	84.5	83.1	82.4	82.5
Chicago Midway	78.8	77.5	79.8	81.2	78.7	76.4	77.3	78.6
Chicago, O'Hare	60.2	67.6	78.6	74.5	65.5	71.1	78.9	76.3
Cincinnati International	80.6	81.5	81.4	76.1	82.6	81.9	80.6	77.1
Dallas/Ft. Worth Regional	81.2	80.8	83.4	79.2	81.7	80.7	81.7	79.0
Denver International	83.3	82.1	83.9	83.0	85.7	85.3	85.2	84.2
Detroit, Metro Wayne	80.0	80.4	83.7	81.5	83.5	81.3	83.0	83.0
Fort Lauderdale	75.9	77.1	71.2	77.9	81.5	83.7	77.7	82.3
Houston George Bush	81.6	75.4	86.3	80.6	89.7	83.0	89.7	86.4
Las Vegas, McCarran International	78.8	78.5	78.5	74.9	80.0	79.1	77.7	74.8
Los Angeles International	83.4	82.4	82.0	78.9	86.1	86.1	84.9	82.8
Miami International	78.7	79.8	72.2	80.4	83.6	81.5	71.1	84.2
Minneapolis/St. Paul International	76.2	81.0	83.2	81.4	83.1	84.6	85.6	85.5
Newark International	77.8	77.3	72.5	77.3	81.3	83.3	76.7	80.6
New York, Kennedy International	73.6	74.0	71.8	74.0	81.8	83.3	79.5	82.6
New York, LaGuardia	73.4	70.5	69.7	71.3	81.7	80.4	78.3	80.3
Orlando International	80.3	78.4	71.7	81.4	84.7	82.9	75.2	84.9
Philadelphia International	77.3	74.0	72.5	70.8	78.0	75.8	72.8	71.0
Phoenix, Sky Harbor International	81.5	82.1	81.2	75.2	81.5	79.8	79.9	76.0
Pittsburgh, Greater International	82.2	80.2	80.7	79.3	86.2	82.9	82.8	82.1
Portland International	77.8	81.9	81.4	76.2	83.2	87.8	86.3	81.5
Washington, Ronald Reagan National	78.1	83.4	86.4	80.9	82.8	88.4	89.1	83.9
St. Louis, Lambert	82.4	81.4	80.5	76.0	85.7	85.5	84.5	79.9
Salt Lake City International	74.9	79.6	79.2	73.8	84.3	88.1	87.0	81.7
San Diego International, Lindbergh	77.4	79.2	78.8	75.5	81.7	82.0	79.7	77.3
San Francisco International	80.2	80.1	81.3	80.6	83.9	83.0	84.9	82.3
Seattle-Tacoma International	81.0	79.7	75.4	80.7	86.0	84.6	79.8	84.9
Tampa International	82.6	80.3	78.7	81.3	88.1	86.8	84.3	86.0
Washington/Dulles	84.1	79.3	74.9	77.5	85.6	81.9	78.6	76.9

Source: U.S. Department of Transportation, Aviation Consumer Protection Division, *Air Travel Consumer Report*, monthly. See Internet site <<http://airconsumer.ost.dot.gov>>.

Table 1060. Consumer Complaints Against U.S. Airlines: 1990 to 2004

[Calendar year data. Represents complaints filed by consumers to the U.S. Department of Transportation, Aviation Consumer Protection Division, regarding service problems with air carrier personnel. See source for data on individual airlines]

Complaint category	1990	1995	1998	1999	2000	2001	2002	2003	2004
Total	7,703	4,629	7,980	17,345	20,564	14,076	7,697	4,601	5,863
Flight problems ¹	3,034	1,133	2,270	6,449	8,698	5,048	1,808	1,049	1,479
Customer service ²	758	667	1,716	3,657	4,074	2,531	1,478	584	749
Baggage	1,329	628	1,105	2,351	2,753	1,965	1,082	802	1,088
Ticketing/boarding ³	624	666	805	1,329	1,405	1,310	898	643	639
Refunds	701	576	601	935	803	942	737	428	377
Fares ⁴	312	185	276	584	708	568	436	243	180
Disability ⁵	(NA)	(NA)	331	520	612	457	420	325	463
Oversales ⁶	399	263	387	673	759	539	364	223	265
Discrimination ⁷	(NA)	(NA)	(NA)	(NA)	(NA)	164	176	71	92
Advertising	96	66	39	57	42	42	43	13	41
Tours	29	18	23	28	25	11	(⁸)	(⁸)	(⁸)
Animals	(NA)	(NA)	(NA)	(NA)	1	6	-	2	3
Smoking	74	15	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)
Credit	5	4	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)
Other	342	408	427	762	684	493	255	218	487

- Represents zero. NA Not available. ¹ Cancellations, delays, etc. from schedule. ² Unhelpful employees, inadequate meals or cabin service, treatment of delayed passengers. ³ Errors in reservations and ticketing; problems in making reservations and obtaining tickets. ⁴ Incorrect or incomplete information about fares, discount fare conditions, and availability, etc. ⁵ Prior to 1998, included in ticketing/boarding. ⁶ All bumping problems, whether or not airline complied with DOT regulations. ⁷ Allegations of discrimination by airlines due to factors other than disability, such as race, religion, national origin or sex. ⁸ Included in "Other" beginning 2002. ⁹ Included in "Other" beginning 1998.

Source: U.S. Department of Transportation, Aviation Consumer Protection Division, *Air Travel Consumer Report*, monthly. See Internet site <<http://airconsumer.ost.dot.gov>>.

Table 1061. Commuter/Regional Airline Operations—Summary: 1990 to 2004

[Calendar year data (42.1 represents 42,100,000). Commuter/regional airlines operate primarily aircraft of predominately 75 passengers or less and 18,000 pounds of payload capacity serving short haul and small community markets. Represents operations within all North America by U.S. Regional Carriers. Averages are means. For definition of mean, see Guide to Tabular Presentation]

Item	Unit	1990	1995	2000	2001	2002	2003	2004
Passenger carriers operating	Number	150	124	94	91	91	82	74
Passengers enplaned	Millions	42.1	57.2	84.6	82.8	98.4	113.0	134.7
Average passengers enplaned per carrier	1,000	277.5	461.4	830.4	910.2	1,080.9	1,379.3	1,820.0
Revenue passenger miles (RPM)	Billions	7.61	12.75	25.27	25.74	32.77	43.34	56.21
Average RPMs per carrier	Millions	50.75	102.80	268.83	282.83	360.11	528.51	759.54
Airports served	Number	811	780	729	726	707	709	735
Average trip length	Miles	183	223	299	311	333	384	417
Passenger aircraft operated	Number	1,917	2,138	2,271	2,323	2,385	2,569	2,757
Average seating capacity (seats)	Number	22.1	24.6	31.7	33.5	35.1	37.7	39.9
Fleet flying hours	1,000	3,447	4,659	5,362	5,161	5,248	6,088	6,587
Average annual utilization per aircraft	Hours	1,798	2,179	2,368	2,222	2,201	2,370	2,389

¹ Prior to 1995, utilization results reflected airborne rather than block hours.

Source: Regional Airline Association and AvStat Associates, Washington, DC, *Annual Report of the Regional Airline Industry* (copyright).

Table 1062. Airports, Aircraft, and Airmen: 1980 to 2003

[As of December 31 or for years ending December 31]

Item	1980	1985	1990	1995	2000	2001	2002	2003
Airports, total ¹	15,161	16,319	17,490	18,224	19,281	19,356	19,572	19,581
Public	4,814	5,858	5,589	5,415	5,317	5,294	5,286	5,286
Percent—with lighted runways	66.2	68.1	71.4	74.3	75.9	76.2	76	76.2
With paved runways	72.3	66.7	70.7	73.3	74.3	74.6	75	74.5
Private	10,347	10,461	11,901	12,809	13,964	14,062	14,286	14,295
Percent—with lighted runways	15.2	9.1	7.0	6.4	7.2	8.0	8.3	9.8
With paved runways	13.3	17.4	31.5	33.0	32.0	32.4	32.4	37.4
Certificated ²	730	700	680	667	651	635	633	628
Civil	(X)	(X)	(X)	572	563	560	558	555
Civil military	(X)	(X)	(X)	95	88	75	75	73
General aviation	14,431	15,619	16,810	17,557	18,630	18,721	18,939	18,953
Active air carrier fleet ³	3,808	4,678	6,083	7,411	8,055	8,497	8,194	8,176
Fixed wing	3,803	4,673	6,072	7,293	8,016	8,370	8,161	8,144
Helicopter	2	5	11	118	39	127	33	32
General aviation fleet ⁴	211,043	196,500	198,000	188,089	217,533	211,446	211,244	(NA)
Fixed-wing	200,097	184,700	184,500	162,342	183,276	177,697	176,283	(NA)
Turbojet	2,992	4,100	4,100	4,559	7,001	7,787	8,355	(NA)
Turboprop	4,090	5,000	5,300	4,995	5,762	6,596	6,841	(NA)
Piston	193,014	175,600	175,200	152,788	170,513	163,314	161,087	(NA)
Rotocraft	6,001	6,000	6,900	5,830	7,150	6,783	6,648	(NA)
Other	4,945	5,800	6,600	4,741	6,700	6,545	6,377	(NA)
Glider	(NA)	(NA)	(NA)	2,182	2,041	1,904	1,951	(NA)
Lighter than air	(NA)	(NA)	(NA)	2,559	4,660	4,641	4,426	(NA)
Experimental	(NA)	(NA)	(NA)	15,176	20,407	20,421	21,936	(NA)
Airman certificates held: ⁵								
Pilot, total	827,071	709,540	702,659	639,184	625,581	612,274	631,762	625,011
Women	52,902	43,082	40,515	38,032	36,757	34,257	38,257	37,694
Student	199,833	146,652	128,663	101,279	93,064	86,731	85,991	87,296
Recreational	(NA)	(NA)	87	232	340	316	317	310
Airplane:								
Private	357,479	311,086	299,111	261,399	251,561	243,823	245,230	241,045
Commercial	183,442	151,632	149,666	133,980	121,858	120,502	125,920	123,990
Air transport	69,569	82,740	107,732	123,877	141,596	144,702	144,708	143,504
Rotocraft only ⁶	6,030	8,123	9,567	7,183	7,775	7,727	7,770	7,916
Glider only	7,039	8,168	7,833	11,234	9,387	8,473	21,826	20,950
Flight instructor certificates	60,440	58,940	63,775	77,613	80,931	82,875	86,089	87,816
Instrument ratings	260,462	258,559	297,073	298,798	311,944	315,276	317,389	315,413
Nonpilot ⁷	368,356	395,139	492,237	651,341	547,453	513,100	515,570	509,835
Mechanic	250,157	274,100	344,282	405,294	344,434	310,850	315,928	313,032
Repairmen	(NA)	(NA)	(NA)	61,233	38,208	40,085	37,114	37,248
Parachute rigger	9,547	9,395	10,094	11,824	10,477	7,927	8,063	7,883
Ground instructor	61,550	58,214	66,882	96,165	72,326	72,261	73,658	72,692
Dispatcher	6,799	8,511	11,002	15,642	16,340	16,070	16,695	16,955
Flight navigator	1,936	1,542	1,290	916	570	509	431	382
Flight engineer	38,367	43,377	58,687	60,267	65,098	65,398	63,681	61,643

NA Not available. X Not applicable. ¹ Existing airports, heliports, seaplane bases, etc. recorded with FAA. Includes military airports with joint civil and military use. Includes U.S. outlying areas. Airport-type definitions: Public—publicly owned and under control of a public agency; private—owned by a private individual or corporation. May or may not be open for public use. ² Certificated airports serve air-carriers with aircraft seating more than 30 passengers. ³ Air-carrier aircraft are aircraft carrying passengers or cargo for hire under 14 CFR 121 (large aircraft—more than 30 seats) and 14-CFR 135 (small aircraft—30 seats or fewer). ⁴ Beginning 1995 excludes commuters. ⁵ Source: U.S. Federal Aviation Administration. See Internet site <<http://apo.faa.gov/pubs.asp>>. Prior years in the *Statistical Handbook of Aviation*, annual. ⁶ Data for 1980 and 1985 are for helicopters only. ⁷ All certificates on record. No medical examination required

Source: Except as noted, U.S. Bureau of Transportation Statistics, *National Transportation Statistics, annual*. See Internet site <<http://www.bts.gov/publications/nts/index.html>>.

Table 1063. Freight Carried on Major U.S. Waterways: 1980 to 2003

[In millions of tons (4.0 represents 4,000,000)]

Item	1980	1985	1990	1995	1999	2000	2001	2002	2003
Atlantic intracoastal waterway	4.0	3.1	4.2	3.5	3.4	3.1	2.5	1.9	1.9
Great Lakes	183.5	148.1	167.1	177.8	182.9	187.5	171.4	167.2	156.5
Gulf intracoastal waterway	94.5	102.5	115.4	118.0	109.6	113.8	112.2	107.7	117.8
Mississippi River system	584.2	527.8	659.1	707.2	716.9	715.5	714.8	712.8	676.8
Mississippi River mainstem	441.5	384.0	475.3	520.3	512.3	515.6	504.2	501.7	478.0
Ohio River system ²	179.3	203.9	260.0	267.6	277.9	274.4	281.8	280.9	261.3
Columbia River	49.2	42.4	51.4	57.1	50.7	55.2	50.3	45.0	47.2
Snake River	5.1	3.5	4.8	6.8	5.8	6.7	5.6	4.3	5.3

¹ Main channels and all tributaries of the Mississippi, Illinois, Missouri and Ohio Rivers. ² Main channels and all navigable tributaries and embayments of the Ohio, Tennessee, and Cumberland Rivers.

Source: U.S. Army Corps of Engineers, *Waterborne Commerce of the United States*, annual. See Internet site <<http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm>>

Table 1064. Waterborne Commerce by Type of Commodity: 1995 to 2003

[In millions of short tons (2,240.4 represents 2,240,400,000). Domestic trade includes all commercial movements between United States ports and on inland rivers, Great Lakes, canals, and connecting channels of the United States, Puerto Rico, and Virgin Islands]

Commodity	2003						
	1995	2000	2002	Total	Domestic	Foreign imports	Foreign exports
Total	2,240.4	2,424.6	2,340.3	2,394.3	1,016.1	1,004.8	373.3
Coal	324.5	297.0	286.9	281.2	213.5	25.0	42.6
Petroleum and petroleum products	907.1	1,044.0	1,017.9	1,080.5	360.8	661.5	58.2
Crude petroleum	504.6	571.4	566.0	604.5	87.5	515.7	1.2
Petroleum products ¹	402.5	472.4	451.9	476.1	273.3	145.8	57.0
Gasoline	114.4	125.2	122.6	126.4	87.5	32.3	6.6
Distillate fuel oil	76.7	91.7	88.4	101.7	65.6	29.1	7.0
Residual fuel oil	111.9	131.6	117.0	116.7	76.0	31.3	9.4
Chemicals and related products	153.7	172.4	167.6	171.3	75.7	42.0	53.6
Fertilizers	35.7	35.1	32.4	35.2	13.7	8.6	12.9
Other chemicals and related products	118.0	137.3	135.2	136.1	62.0	33.4	40.7
Crude material, inedible	381.7	380.3	352.0	358.0	211.6	102.2	44.2
Forest products, wood and chips	47.2	33.1	25.1	23.6	8.1	7.4	8.1
Pulp and waste paper	14.9	13.6	14.0	16.1	0.2	1.6	14.3
Soil, sand, gravel, rock, and stone ¹	152.5	165.0	166.1	170.8	130.8	37.5	2.5
Limestone	54.0	67.4	68.8	64.7	50.3	12.5	1.8
Phosphate rock	10.7	3.4	6.2	5.7	3.1	2.5	0.0
Sand & gravel	77.0	79.0	76.0	85.3	73.7	11.1	0.5
Iron ore and scrap	104.9	97.9	85.8	80.9	52.9	16.9	11.1
Marine shells	0.5	0.3	0.3	0.1	0.1	0.0	0.0
Non-ferrous ores and scrap	27.9	29.2	24.3	26.2	6.9	16.9	2.4
Sulphur, clay and salt	23.4	11.3	9.8	8.4	0.9	2.8	4.7
Slag	1.9	4.0	3.1	3.6	1.7	1.8	0.0
Other nonmetal minerals	8.4	25.9	23.3	28.3	9.9	17.4	1.0
Primary manufactured goods	106.3	153.0	140.8	134.7	41.7	76.4	16.5
Papers products	13.1	12.1	11.0	11.8	0.3	5.6	6.0
Lime, cement and glass	33.9	55.9	51.2	49.1	18.1	29.8	1.2
Primary iron and steel products	44.1	57.1	46.3	41.7	14.3	24.5	2.9
Primary nonferrous metal products	12.3	25.5	29.3	28.6	8.9	13.6	6.2
Primary wood products	2.9	2.5	3.1	3.3	0.1	2.9	0.3
Food and farm products	303.2	283.3	280.0	265.7	90.9	32.8	142.0
Fish	3.6	2.4	2.7	2.6	0.1	1.6	0.9
Grain ¹	167.9	145.2	139.3	130.1	52.4	1.6	76.2
Wheat	48.5	43.4	36.0	37.3	10.8	0.2	26.4
Corn	105.0	88.2	89.8	78.2	36.7	0.1	41.4
Oilseeds	46.1	57.6	60.5	56.9	23.3	0.3	33.4
Soybeans	42.0	47.3	49.8	49.7	20.4	0.0	29.3
Vegetables products	9.0	8.9	8.5	8.3	0.9	3.5	3.9
Processed grain and animal feed	33.0	23.1	21.9	20.3	7.2	0.9	12.2
Other agricultural products	43.5	46.1	47.2	47.5	7.1	25.0	15.5
All manufactured equipment, machinery and products	57.0	83.6	81.9	90.0	18.7	58.5	12.8
Waste and scrap, n.e.c. ²	5.4	4.3	2.7	3.1	3.1	-	-
Unknown or not elsewhere classified	1.6	6.8	10.4	9.7	0.1	6.3	3.3

- Represents or rounds to zero. ¹ Includes commodities not shown separately. ² n.e.c. Not elsewhere classified.

Source: U.S. Army Corps of Engineers, *Waterborne Commerce of the United States*, annual. See Internet site <<http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm>>.

Table 1065. **Cargo-Carrying U.S.-Flag Fleet by Area of Operation: 2002**

[Tons in thousands of metric tons (30,495 represents 30,495,000). As of July 1. One ton equals 100 cubic feet of space. Represents active vessels]

Area of operation	Total fleet		Liquid carriers		Dry bulk carriers		Containerships		Other freighters ¹	
	Number	Tons	Number	Tons	Number	Tons	Number	Tons	Number	Tons
VESSELS OF 1,000 GROSS TONS AND OVER										
Grand total	3,869	30,495	2,196	15,714	759	5,889	123	3,108	791	5,784
Foreign waterborne trade ²	268	5,319	53	946	116	1,115	61	2,510	38	748
Domestic trade	3,430	21,921	2,116	13,887	643	4,774	57	512	614	2,748
Coastal	1,344	13,299	567	8,770	355	2,146	57	512	365	1,871
Inland waterway	2,000	6,454	1,542	5,075	227	576	-	-	231	803
Great Lakes	86	2,168	7	42	61	2,052	-	-	18	74
Government	171	3,255	27	881	-	-	5	86	139	2,288
Total self-propelled	462	14,914	114	6,230	69	2,600	90	2,898	189	3,186
Foreign waterborne trade ²	127	4,588	17	771	12	579	61	2,510	37	728
Domestic trade	164	7,071	70	4,578	57	2,021	24	302	13	170
Coastal	105	5,063	68	4,559	2	71	24	302	11	131
Inland waterway	-	-	-	-	-	-	-	-	-	-
Great Lakes	59	2,008	2	19	55	1,950	-	-	2	39
Government	171	3,255	27	881	-	-	5	86	139	2,288
Total non-self-propelled ³	3,407	15,581	2,082	9,484	690	3,289	33	210	602	2,598
Foreign waterborne trade ²	141	731	36	175	104	536	-	-	1	20
Domestic trade	3,266	14,850	2,046	9,309	586	2,753	33	210	601	2,578
Coastal	1,239	8,236	499	4,211	353	2,075	33	210	354	1,740
Inland waterway	2,000	6,454	1,542	5,075	227	576	-	-	231	803
Great Lakes	27	160	5	23	6	102	-	-	16	35
VESSELS LESS THAN 1,000 GROSS TONS										
Grand total	32,229	46,381	2,214	3,965	23,010	36,438	4	2	7,001	5,976
Foreign waterborne trade ²	109	50	3	1	106	49	-	-	-	-
Domestic trade	32,120	46,331	2,211	3,964	22,904	36,389	4	2	7,001	5,976
Coastal	3,930	3,562	241	982	573	741	1	1	3,115	1,838
Inland waterway	27,890	42,394	1,961	2,975	22,211	35,478	3	1	3,715	3,940
Great Lakes	300	375	9	7	120	170	-	-	171	198
Total self-propelled	384	948	77	797	4	2	-	-	303	149
Domestic trade	384	948	77	797	4	2	-	-	303	149
Coastal	256	902	71	795	-	-	-	-	185	107
Inland waterway	109	27	2	-	-	-	-	-	107	27
Great Lakes	19	19	4	2	4	2	-	-	11	15
Total non-self-propelled	31,845	45,433	2,137	3,168	23,006	36,436	4	2	6,698	5,827
Foreign waterborne trade ²	109	50	3	1	106	49	-	-	-	-
Domestic trade	31,736	45,383	2,134	3,167	22,900	36,387	4	2	6,698	5,827
Coastal	3,674	2,660	170	187	573	741	1	1	2,930	1,731
Inland waterway	27,781	42,367	1,959	2,975	22,211	35,478	3	1	3,608	3,913
Great Lakes	281	356	5	5	116	168	-	-	160	183

- Represents zero. ¹ Includes general cargo, ro-ro (roll-on roll-off), multi-purpose, LASH (lighter aboard ship) vessels and deck barges. Excludes offshore supply vessels. ² Includes U.S./Canada TransLakes. ³ Includes Integrated Tug Barge (ITB) Units.

Source: U.S. Maritime Administration, Office of Statistical & Economic Analysis; adapted from Corps of Engineers, Lloyds Maritime Information Service, U.S. Coast Guard and Customs Service data.

Table 1066. Selected U.S. Ports by Tons of Traffic: 2003

[In thousands of short tons, except rank (7,656 represents 7,656,000). For calendar year for the top 70 ports. Represents tons of cargo shipped from or received by the specified port. Excludes cargo carried on general ferries; coal and petroleum products loaded from shore facilities directly onto bunkers of vessels for fuel; and amounts of less than 100 tons of government owned-equipment in support of Corps projects]

Port name	Rank	Total	Foreign			Domestic
			Total	Inbound	Outbound	
Albany, NY	62	7,656	1,644	1,326	318	6,012
Anacortes, WA	41	15,820	2,598	1,492	1,106	13,222
Ashtabula, OH	50	10,427	5,838	960	4,878	4,589
Baltimore, MD	18	40,183	24,096	18,985	5,111	16,087
Baton Rouge, LA	10	61,264	23,152	18,702	4,450	38,112
Beaumont, TX	4	87,541	68,787	63,337	5,451	18,754
Boston, MA	31	24,832	16,442	15,634	807	8,391
Burns Waterway Harbor, IN	60	8,069	1,655	1,270	385	6,414
Calcite, MI	64	6,880	579	70	509	6,302
Camden-Glooucester, NJ	65	6,819	4,334	3,764	570	2,484
Charleston, SC	30	25,199	18,779	13,042	5,737	6,420
Chicago, IL	36	22,610	1,734	1,057	677	20,876
Cincinnati, OH	48	11,828	-	-	-	11,828
Cleveland, OH	47	12,621	3,112	2,708	404	9,509
Conneaut, OH	67	6,705	3,117	178	2,939	3,588
Corpus Christi, TX	7	77,225	53,394	44,759	8,635	23,831
Detroit, MI	43	14,308	3,883	3,494	389	10,425
Duluth-Superior, MN and WI	19	38,343	13,083	529	12,554	25,261
Freeport, TX	24	30,537	25,101	22,666	2,435	5,436
Galveston, TX	63	7,545	3,788	1,065	2,723	3,757
Gary, IN	56	9,010	573	394	179	8,437
Honolulu, HI	40	17,836	5,408	4,919	489	12,428
Houston, TX	2	190,923	126,893	90,336	36,558	64,030
Huntington - Tristate	6	77,641	-	-	-	77,641
Indiana Harbor, IN	44	14,133	360	314	46	13,773
Jacksonville, FL	37	21,731	10,831	9,879	952	10,900
Kalama, WA	61	7,659	6,658	220	6,438	1,001
Lake Charles, LA	12	53,364	31,805	27,825	3,980	21,558
Long Beach, CA	8	69,195	52,371	37,970	14,402	16,824
Los Angeles, CA	13	51,327	42,791	29,962	12,829	8,536
Louisville, KY	59	8,477	-	-	-	8,477
Marcus Hook, PA	29	26,164	16,087	16,077	10	10,076
Matagorda Ship Channel, TX	49	11,673	8,024	6,451	1,573	3,649
Memphis, TN	39	18,191	-	-	-	18,191
Miami, FL	55	9,165	7,796	4,916	2,881	1,369
Mobile, AL	14	50,214	25,028	17,553	7,475	25,186
New Castle, DE	58	8,538	1,329	1,329	-	7,209
New Haven, CT	51	10,385	3,070	2,954	116	7,315
New Orleans, LA	5	83,847	48,876	20,890	27,987	34,970
New York, NY and NJ	3	145,889	79,685	70,251	9,434	66,204
Newport News, VA	52	10,257	4,791	936	3,855	5,466
Nikishka, AK	70	6,420	3,311	227	3,084	3,109
Norfolk Harbor, VA	23	31,195	24,304	9,219	15,085	6,891
Oakland, CA	46	12,627	10,063	4,203	5,860	2,564
Pascagoula, MS	22	31,292	20,783	17,514	3,269	10,509
Paulsboro, NJ	26	27,283	18,219	17,908	310	9,065
Philadelphia, PA	20	33,249	18,793	18,616	177	14,456
Pittsburgh, PA	17	41,675	-	-	-	41,675
Plaquemines, LA, Port of	11	55,917	19,002	8,520	10,482	36,915
Port Arthur, TX	27	27,170	18,467	14,259	4,207	8,703
Port Everglades, FL	33	23,040	10,408	8,427	1,981	12,633
Portland, ME	25	29,161	27,307	27,134	173	1,854
Portland, OR	28	26,796	15,753	4,398	11,354	11,043
Presque Isle, MI	57	8,776	1,144	-	1,144	7,632
Providence, RI	54	9,214	4,674	4,402	271	4,540
Richmond, CA	34	23,001	10,875	10,017	858	12,125
San Juan, PR	42	14,556	5,444	5,009	436	9,111
Savannah, GA	32	23,369	21,502	13,175	8,328	1,866
Seattle, WA	38	19,448	13,573	6,749	6,825	5,875
South Louisiana, LA, Port of	1	198,825	80,433	30,857	49,576	118,392
St. Louis, MO and IL	21	32,431	-	-	-	32,431
Stoneport, MI	69	6,445	55	-	55	6,390
Tacoma, WA	35	22,966	15,409	5,703	9,707	7,556
Tampa, FL	16	48,252	17,369	9,231	8,138	30,883
Texas City, TX	9	61,338	43,392	40,185	3,207	17,946
Toledo, OH	53	9,864	7,695	4,243	3,452	2,169
Two Harbors, MN	45	13,033	-	-	-	13,033
Valdez, AK	15	49,857	6	-	6	49,851
Vancouver, WA	68	6,631	4,557	681	3,876	2,074
Wilmington, NC	66	6,811	3,501	2,740	762	3,310

- Represents zero.

Source: U.S. Army Corps of Engineers, *Waterborne Commerce of the United States, 2003*. See Internet site <<http://www.iwr.usace.army.mil/ndcd/>>

Table 1067. Highway Mileage—Urban and Rural by Ownership: 1980 to 2003

[In thousands (3,955 represents 3,955,000). As of Dec. 31. Includes Puerto Rico beginning 1999]

Type and control	1980	1985	1990	1995	1999	2000	2001	2002	2003
Total mileage ¹	23,955	3,862	3,880	3,912	3,932	3,951	3,963	3,982	3,990
Urban mileage ²	624	691	757	819	853	859	884	902	954
Under state control	79	111	96	112	111	112	110	112	124
Under local control	543	578	661	706	740	746	771	787	831
Rural mileage	3,331	3,171	3,123	3,093	3,079	3,092	3,079	3,080	3,036
Under state control	702	773	703	691	663	664	665	665	653
Under local control	2,270	2,173	2,242	2,231	2,299	2,311	2,295	2,297	2,263
Under federal control	262	225	178	170	117	117	119	118	120

¹ Beginning 1985, includes only public road mileage as defined 23 USC 402. ² Includes 98,000 miles of nonpublic road mileage previously contained in other rural categories. ³ Includes a small amount of road owned by the federal government, such as roads in federal parks that are not part of a state or local highway system.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual. See Internet site <<http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.htm>>.

Table 1068. Highway Mileage—Functional Systems and Urban/Rural: 2003

[As of Dec. 31. Excludes Puerto Rico. For definition of functional systems see text, this section]

State	Total	Functional systems				Urban	Rural	
		Interstate	Other free-ways and express-ways	Arterial	Collector			Local
U.S.	3,974,107	46,508	9,870	383,392	788,926	2,745,411	940,969	3,033,138
AL	94,434	905	21	8,795	20,530	64,183	20,958	73,476
AK	14,230	1,082	-	1,513	2,753	8,882	2,070	12,160
AZ	57,529	1,167	150	4,664	8,549	42,999	21,900	35,629
AR	98,541	656	90	6,839	20,077	70,879	10,808	87,733
CA	169,549	2,458	1,434	27,133	32,074	106,450	85,622	83,927
CO	86,821	956	279	8,191	16,586	60,809	18,128	68,693
CT	21,089	346	236	2,785	3,037	14,685	14,969	6,120
DE	5,894	41	14	630	939	4,270	2,029	3,865
DC	1,536	13	22	264	152	1,085	1,536	-
FL	120,375	1,471	470	12,162	14,194	92,078	68,479	51,896
GA	116,534	1,245	123	13,126	23,342	78,698	28,557	87,977
HI	4,309	55	34	752	831	2,637	2,128	2,181
ID	46,927	611	-	3,841	10,075	32,400	4,410	42,517
IL	138,526	2,170	88	14,030	21,701	100,537	37,007	101,519
IN	94,597	1,169	136	7,963	22,663	62,666	20,600	73,997
IA	113,516	782	-	9,680	31,485	71,569	10,705	102,811
KS	135,012	874	133	9,197	33,364	91,444	10,593	124,419
KY	77,011	763	65	5,850	16,040	54,293	11,982	65,029
LA	60,937	904	34	5,246	10,132	44,621	13,950	46,987
ME	22,693	367	18	2,288	5,975	14,045	2,633	20,060
MD	30,688	481	287	3,732	4,825	21,363	16,780	13,908
MA	35,590	569	288	6,188	4,836	23,709	27,681	7,909
MI	122,222	1,243	306	12,101	25,814	82,758	35,088	87,134
MN	131,893	912	153	12,702	29,602	88,524	16,209	115,684
MS	74,105	685	46	7,372	15,286	50,716	10,661	63,444
MO	124,685	1,181	326	9,414	24,976	88,788	17,576	107,109
MT	69,450	1,192	-	6,038	16,368	45,852	2,753	66,697
NE	93,198	482	21	8,007	20,778	63,910	5,767	87,431
NV	33,977	560	52	2,875	5,210	25,280	5,727	28,250
NH	15,630	235	37	1,609	2,789	10,960	3,036	12,594
NJ	38,952	431	402	5,538	3,839	28,742	31,541	7,411
NM	63,953	1,000	5	5,028	7,234	50,686	6,814	57,139
NY	113,124	1,674	798	13,502	20,557	76,593	41,145	71,979
NC	102,160	1,019	299	8,937	17,621	74,284	24,410	77,750
ND	86,782	572	-	5,879	11,736	68,595	1,834	84,948
OH	123,522	1,574	484	10,868	22,518	88,078	43,262	80,260
OK	112,578	930	186	8,163	25,305	77,994	14,991	97,587
OR	65,951	728	53	6,818	17,503	40,849	11,067	54,884
PA	120,423	1,758	516	13,194	19,802	85,153	37,689	82,734
RI	6,415	71	85	832	879	4,548	5,193	1,222
SC	66,230	842	71	6,876	13,378	45,063	10,685	55,545
SD	83,688	679	-	6,352	19,234	57,423	2,264	81,424
TN	88,518	1,073	146	8,935	17,905	60,459	20,418	68,100
TX	301,987	3,233	1,170	28,537	63,508	205,539	83,287	218,700
UT	42,716	940	7	3,360	7,838	30,571	8,189	34,527
VT	14,359	320	19	1,299	3,129	9,592	1,382	12,977
VA	71,242	1,118	224	8,250	14,081	47,569	21,011	50,231
WA	82,264	764	290	7,324	16,807	57,079	19,458	62,806
WV	36,993	549	9	3,170	8,777	24,488	3,190	33,803
WI	113,270	745	238	11,870	21,408	79,009	20,293	92,977
WY	27,482	913	5	3,673	10,884	12,007	2,504	24,978

- Represents zero.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual. See Internet site <<http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.htm>>.

Table 1069. Commodity Shipments—Value, Tons, and Ton-Miles: 1997 and 2002

[6,859,805 represents \$6,859,805,000,000. For business establishments in mining, manufacturing, wholesale trade and selected retail industries, 2002 industries classified by the 1997 North American Classification System (NAICS); 1997 classified by the Standard Industry Classification (SIC) Manual. Selected auxiliary establishments are also included. See source for details. Based on the Economic Census; see Appendix III]

Mode of transportation	Value (mil. dol.)		Tons (1,000)		Ton-miles (mil.)	
	1997	2002	1997	2002	1997	2002
All modes	6,859,805	8,397,210	10,566,330	11,667,919	2,592,590	3,137,898
Single modes	5,673,920	7,049,383	9,928,296	11,086,660	2,317,973	2,867,938
Truck ¹	4,936,491	6,235,001	7,292,256	7,842,836	998,035	1,255,908
Rail	318,915	310,884	1,543,727	1,873,884	1,021,250	1,261,612
Water	75,765	89,344	535,558	681,227	240,572	282,659
Air (includes truck and air)	229,272	264,959	4,378	3,760	6,124	5,835
Pipeline ²	113,476	149,195	552,377	684,953	(S)	(S)
Multiple modes	913,164	1,079,185	212,981	216,686	202,602	225,715
Parcel, U.S. Postal Service or courier	823,311	987,746	22,100	25,513	16,729	19,004
Truck and rail	75,566	69,929	53,730	42,984	55,371	45,525
Other multiple modes	14,287	21,510	137,151	148,189	130,503	161,187
Other and unknown modes	272,722	268,642	425,053	364,573	72,015	44,245

S Data do not meet publication standards due to high sampling variability or other reasons. ¹ Truck as a single mode includes shipments that went by private truck only, for hire truck only, or a combination of private truck and for-hire truck. ² Commodity Flow Survey data exclude shipments of crude oil.

Source: U.S. Bureau of Transportation Statistics and U.S. Census Bureau, "2002 Economic Census, Transportation, 2002 Commodity Flow Survey," Series EC02TCF-US, issued December 2004. See Internet site <<http://www.census.gov/cfs>>.

Table 1070. Hazardous Shipments—Value, Tons, and Ton-Miles: 2002

[660,181 represents \$660,181,000,000. Based on the Economic Census; see Appendix III. See also headnote, table 1069]

Mode of transportation	Value (mil. dol.)		Tons (1,000)		Ton-miles (mil.)		Average miles per shipment
	Total	Percent	Total	Percent	Total	Percent	
All modes	660,181	100.0	2,191,519	100.0	326,727	100.0	136
Single modes	644,489	97.6	2,158,533	98.5	311,897	95.5	105
Truck ¹	419,630	63.6	1,159,514	52.9	110,163	33.7	86
For-hire truck	189,803	28.8	449,503	20.5	65,112	19.9	285
Private truck	226,660	34.3	702,186	32.0	44,087	13.5	38
Rail	31,339	4.7	109,369	5.0	72,087	22.1	695
Water	46,856	7.1	228,197	10.4	70,649	21.6	(S)
Air (includes truck and air)	1,643	0.2	64	-	85	-	2,080
Pipeline ²	145,021	22.0	661,390	30.2	(S)	(S)	(S)
Multiple modes	9,631	1.5	18,745	0.9	12,488	3.8	849
Parcel, U.S. Postal Service or courier	4,268	0.6	245	-	119	-	837
Other multiple modes	5,363	0.8	18,500	0.8	12,369	3.8	1,371
Other and unknown modes	6,061	0.9	14,241	0.6	2,342	0.7	57
Class of material	660,181	100.0	2,191,519	100.0	326,727	100.0	136
Class 1, explosives	7,901	1.2	5,000	0.2	1,568	0.5	651
Class 2, gasses	73,932	11.2	213,358	9.7	37,262	11.4	95
Class 3, flammable liquids	490,238	74.3	1,788,986	81.6	218,574	66.9	106
Class 4, flammable solids	6,566	1.0	11,300	0.5	4,391	1.3	158
Class 5, oxidizers and organic peroxides	5,471	0.8	12,670	0.6	4,221	1.3	407
Class 6, toxic (poison)	8,275	1.3	8,459	0.4	4,254	1.3	626
Class 7, radioactive materials	5,850	0.9	57	-	44	-	(S)
Class 8, corrosive materials	38,324	5.8	90,671	4.1	36,260	11.1	301
Class 9, miscellaneous dangerous goods	23,625	3.6	61,018	2.8	20,153	6.2	368

- Rounds to zero. S Data do not meet publication standards due to high sampling variability or other reasons. ¹ Truck as a single mode includes shipments that went by private truck only, for-hire truck only, or a combination of private truck and for-hire truck. ² Commodity Flow Survey data exclude shipments of crude oil.

Source: U.S. Bureau of Transportation Statistics and U.S. Census Bureau, "2002 Economic Census, Transportation, 2002 Commodity Flow Survey, Hazardous Shipments Series EC02TCF-US(HM)," issued December 2004. See Internet site <<http://www.census.gov/cfs>>.

Table 1071. Shipments by Commodity: 2002

[8,397,210 represents \$8,397,210,000,000. Based on the Economic Census; see Appendix III. See also headnote, table 1069]

Mode of transportation	Value (mil. dol.)		Tons (1,000)		Ton-miles (mil.)		Average miles per shipment
	Total	Percent	Total	Percent	Total	Percent	
Total	8,397,210	100.0	11,667,919	100.0	3,137,898	100.0	546
Live animals and live fish	7,410	-	6,118	-	1,586	-	530
Cereal grains	53,835	0.6	561,089	4.8	264,239	8.4	138
Other agricultural products	129,471	1.5	259,178	2.2	109,362	3.5	481
Animal feed and products of animal origin, n.e.c.	52,142	0.6	227,991	2.0	51,158	1.6	167
Meat, fish, seafood, and their preparations	201,304	2.4	84,506	0.7	41,352	1.3	162
Milled grain products and preparations, and bakery products	113,379	1.4	109,311	0.9	49,001	1.6	189
Other prepared foodstuffs and fats and oils	355,561	4.2	448,924	3.8	161,565	5.1	179
Alcoholic beverages	108,991	1.3	89,434	0.8	25,735	0.8	55
Tobacco products	69,868	0.8	4,370	-	983	-	334
Monumental or building stone	3,039	-	22,451	0.2	1,571	-	170
Natural sands	3,644	-	472,975	4.1	29,990	1.0	45
Gravel and crushed stone	12,850	0.2	1,866,487	16.0	105,826	3.4	30
Nonmetallic minerals, n.e.c.	10,066	0.1	184,632	1.6	56,630	1.8	185
Metallic ores and concentrates	14,027	0.2	98,267	0.8	63,028	2.0	474
Coal	22,875	0.3	1,239,862	10.6	686,279	21.9	120
Gasoline and aviation turbine fuel	279,407	3.3	1,063,569	9.1	117,219	3.7	52
Fuel oils	116,119	1.4	549,007	4.7	55,464	1.8	32
Coal and petroleum products, n.e.c. ¹	82,130	1.0	447,975	3.8	93,001	3.0	102
Basic chemicals	153,656	1.8	347,670	3.0	115,961	3.7	417
Pharmaceutical products	479,117	5.7	24,270	0.2	11,337	0.4	693
Fertilizers	34,049	0.4	264,319	2.3	87,605	2.8	157
Chemical products and preparations, n.e.c. ¹	226,598	2.7	105,962	0.9	53,657	1.7	385
Plastics and rubber	325,673	3.9	139,973	1.2	80,827	2.6	424
Logs and other wood in the rough	5,756	-	(S)	(S)	7,790	0.2	(S)
Wood products	158,586	1.9	345,940	3.0	120,151	3.8	242
Pulp, newsprint, paper, and paperboard	102,495	1.2	137,053	1.2	78,160	2.5	206
Paper or paperboard articles	103,713	1.2	69,211	0.6	23,360	0.7	282
Printed products	134,452	1.6	34,015	0.3	17,037	0.5	816
Textiles, leather, and articles of textiles or leather	466,429	5.6	51,232	0.4	31,787	1.0	940
Nonmetallic mineral products	149,951	1.8	967,978	8.3	135,937	4.3	357
Base metal in primary or semifinished forms and in finished basic shapes	259,834	3.1	328,053	2.8	121,330	3.9	270
Articles of base metal	234,571	2.8	116,447	1.0	42,680	1.4	392
Machinery	484,152	5.8	63,390	0.5	34,535	1.1	377
Electronic and other electrical equipment and components and office equipment	890,803	10.6	49,592	0.4	30,269	1.0	713
Motorized and other vehicles (including parts)	748,550	8.9	133,088	1.1	59,029	1.9	395
Transportation equipment, n.e.c. ¹	155,013	1.8	18,352	0.2	10,649	0.3	1,074
Precision instruments and apparatus	225,070	2.7	18,352	0.2	3,912	0.1	922
Furniture, mattresses and mattress supports, lamps, lighting fittings and illuminated signs	139,727	1.7	32,546	0.3	13,705	0.4	515
Miscellaneous manufactured products	387,426	4.6	79,208	0.7	34,467	1.1	995
Waste and scrap	37,896	0.5	217,234	1.9	48,009	1.5	166
Mixed freight	840,346	10.0	299,926	2.6	52,823	1.7	329
Commodity unknown	17,229	0.2	24,266	0.2	8,889	0.3	485

- Rounds to zero. S Data do not meet publication standards due to high sampling variability or other reasons. ¹ n.e.c. Means not elsewhere classified.

Source: U.S. Bureau of Transportation Statistics and U.S. Census Bureau, 2002 Economic Census, *Transportation, 2002 Commodity Flow Survey*, Series EC02TCF-US, issued December 2004. See Internet site <http://www.census.gov/cfs>.

Table 1072. Bridge Inventory—Total and Deficient, 1996 to 2004, and by State, 2004

[Based on the National Bridge Inventory program]

State and year	Number of bridges	Deficient and obsolete					
		Total number	Percent	Structurally deficient ¹		Functionally obsolete ²	
				Number	Percent	Number	Percent
1996, total	581,862	182,726	31.4	101,518	17.4	81,208	14.0
1997, total	582,751	175,885	30.2	98,475	16.9	77,410	13.3
1998, total	582,984	172,582	29.6	93,076	16.0	79,506	13.6
1999, total	585,542	170,050	29.0	88,150	15.1	81,900	14.0
2000, total	587,755	167,993	28.6	87,106	14.8	80,887	13.8
2001, total	590,066	165,099	28.0	83,630	14.2	81,469	13.8
2002, total	591,220	163,010	27.6	81,437	13.8	81,573	13.8
2003, total	592,246	160,819	27.2	79,811	13.5	81,008	13.7
U.S. total, 2004	593,885	158,318	26.7	77,758	13.1	80,560	13.6
Alabama	15,648	4,679	29.9	2,393	15.3	2,286	14.6
Alaska	1,187	353	29.7	151	12.7	202	17.0
Arizona	7,119	717	10.1	163	2.3	554	7.8
Arkansas	12,456	3,132	25.1	1,238	9.9	1,894	15.2
California	23,823	6,668	28.0	2,894	12.1	3,774	15.8
Colorado	8,182	1,387	17.0	604	7.4	783	9.6
Connecticut	4,167	1,363	32.7	345	8.3	1,018	24.4
Delaware	850	122	14.4	42	4.9	80	9.4
District of Columbia	251	157	62.5	23	9.2	134	53.4
Florida	11,469	2,118	18.5	317	2.8	1,801	15.7
Georgia	14,461	2,948	20.4	1,187	8.2	1,761	12.2
Hawaii	1,099	513	46.7	156	14.2	357	32.5
Idaho	4,047	730	18.0	316	7.8	414	10.2
Illinois	25,727	4,361	17.0	2,436	9.5	1,925	7.5
Indiana	18,171	4,016	22.1	1,993	11.0	2,023	11.1
Iowa	24,902	6,958	27.9	5,259	21.1	1,699	6.8
Kansas	25,525	5,900	23.1	3,330	13.0	2,570	10.1
Kentucky	13,500	4,104	30.4	1,283	9.5	2,821	20.9
Louisiana	13,362	4,324	32.4	2,070	15.5	2,254	16.9
Maine	2,371	843	35.6	355	15.0	488	20.6
Maryland	5,064	1,479	29.2	428	8.5	1,051	20.8
Massachusetts	4,954	2,546	51.4	614	12.4	1,932	39.0
Michigan	10,818	3,121	28.9	1,764	16.3	1,357	12.5
Minnesota	13,026	1,633	12.5	1,163	8.9	470	3.6
Mississippi	16,838	4,697	27.9	3,379	20.1	1,318	7.8
Missouri	23,791	8,244	34.7	5,028	21.1	3,216	13.5
Montana	5,043	1,074	21.3	576	11.4	498	9.9
Nebraska	15,455	3,975	25.7	2,550	16.5	1,425	9.2
Nevada	1,611	198	12.3	54	3.4	144	8.9
New Hampshire	2,357	788	33.4	355	15.1	433	18.4
New Jersey	6,484	2,370	36.6	890	13.7	1,480	22.8
New Mexico	3,839	724	18.9	404	10.5	320	8.3
New York	17,301	6,552	37.9	2,172	12.6	4,380	25.3
North Carolina	17,340	5,196	30.0	2,322	13.4	2,874	16.6
North Dakota	4,507	1,062	23.6	803	17.8	259	5.7
Ohio	27,907	7,102	25.4	3,052	10.9	4,050	14.5
Oklahoma	23,312	8,757	37.6	7,307	31.3	1,450	6.2
Oregon	7,261	1,848	25.5	659	9.1	1,189	16.4
Pennsylvania	22,253	9,404	42.3	5,464	24.6	3,940	17.7
Rhode Island	749	405	54.1	193	25.8	212	28.3
South Carolina	9,201	2,130	23.1	1,286	14.0	844	9.2
South Dakota	5,961	1,490	25.0	1,072	18.0	418	7.0
Tennessee	19,688	4,499	22.9	1,499	7.6	3,000	15.2
Texas	48,950	10,195	20.8	2,580	5.3	7,615	15.6
Utah	2,805	506	18.0	256	9.1	250	8.9
Vermont	2,690	954	35.5	484	18.0	470	17.5
Virginia	13,160	3,348	25.4	1,186	9.0	2,162	16.4
Washington	7,543	2,056	27.3	420	5.6	1,636	21.7
West Virginia	6,881	2,555	37.1	1,078	15.7	1,477	21.5
Wisconsin	13,611	2,339	17.2	1,495	11.0	847	6.2
Wyoming	3,033	629	20.7	409	13.5	220	7.3
Puerto Rico	2,135	1,049	49.1	261	12.2	788	36.9

¹ Bridges are structurally deficient if they have been restricted to light vehicles, require immediate rehabilitation to remain open, or are closed. ² Bridges are functionally obsolete if they have deck geometry, load carrying capacity, clearance or approach roadway alignment that no longer meet the criteria for the system of which the bridge is carrying a part.

Source: U.S. Federal Highway Administration, Office of Bridge Technology, Internet site <<http://www.fhwa.dot.gov/bridge/britab.htm>>.

Table 1073. Funding for Highways and Disposition of Highway-User Revenue: 1990 to 2003

[In millions of dollars (75,444 represents \$75,444,000,000. Data compiled from reports of state and local authorities)]

Type	1990	1995	1998	1999	2000	2001	2002	2003
Total receipts	75,444	96,269	111,581	121,650	131,115	132,324	134,765	138,195
Current income	69,880	87,620	102,533	110,376	119,815	119,659	122,018	123,770
Highway user revenues	44,346	59,331	68,951	74,222	81,335	77,719	79,587	79,860
Other taxes and fees	19,827	21,732	25,395	29,380	31,137	34,190	34,353	35,967
Investment income, other receipts	5,707	6,557	8,187	6,774	7,342	7,749	8,078	7,943
Bond issue proceeds ¹	5,564	8,649	9,048	11,274	11,301	12,665	12,747	14,425
Funds from (+) or to (-) reserves	-36	-2,791	-3,606	-5,639	-8,418	-2,423	1,154	5,612
Total funds available	75,408	93,478	107,975	116,011	122,697	129,900	135,919	143,807
Total disbursements	75,408	93,478	107,975	116,011	122,697	129,900	135,919	143,807
Current disbursements	72,457	88,994	102,828	111,097	117,592	124,815	129,137	136,979
Capital outlay	35,151	44,228	52,308	57,227	61,323	65,968	68,175	69,876
Maintenance and traffic services	20,365	24,319	28,173	29,997	30,636	31,677	33,180	35,467
Administration and research	6,501	8,419	8,523	9,130	10,020	10,423	10,695	12,142
Law enforcement and safety	7,235	8,218	9,445	10,393	11,031	11,977	11,672	13,649
Interest on debt	3,205	3,810	4,379	4,350	4,583	4,770	5,416	5,846
Bond retirement ¹	2,951	4,484	5,147	4,914	5,105	5,086	6,782	6,828

¹ Excludes issue and redemption of short-term notes or refunding bonds.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual. See Internet site <<http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.htm>>.

Table 1074. Federal Aid to State and Local Governments for Highway Trust Fund and Federal Transit Administration (FTA) by State: 2003

[Year ending Sept. 30. (28,614 represents \$28,614,000,000)]

State	Highway trust fund		FTA		State	Highway trust fund		FTA		State	Highway trust fund		FTA	
	Total (mil. capita dol.)	Per capita (dol.)	Total (mil. capita dol.)	Per capita (dol.)		Total (mil. capita dol.)	Per capita (dol.)	Total (mil. capita dol.)	Per capita (dol.)		Total (mil. capita dol.)	Per capita (dol.)	Total (mil. capita dol.)	Per capita (dol.)
U.S. ²	28,614	97.0	5,841	19.8	KS	358	131.3	13	4.9	ND	182	287.8	6	9.7
U.S. ³	28,272	97.2	5,720	19.7	KY	509	123.6	39	9.4	OH	918	80.3	171	15.0
AL	530	117.7	39	8.6	LA	514	114.3	71	15.9	OK	398	113.5	20	5.6
AK	381	587.7	35	53.9	ME	181	138.3	13	9.8	OR	378	106.3	55	15.6
AZ	469	84.0	41	7.4	MA	425	77.2	147	26.6	PA	1,347	108.9	329	26.6
AR	392	143.7	22	8.0	MD	497	77.3	164	25.5	RI	142	131.5	13	11.7
CA	2,727	76.9	1,276	36.0	MI	776	77.0	65	6.4	SC	438	105.7	29	7.0
CO	401	88.1	38	8.4	MN	367	72.5	105	20.8	SD	204	266.5	4	5.7
CT	387	111.0	80	23.0	MO	364	126.4	22	7.6	TN	532	91.1	53	9.1
DE	97	118.7	16	19.7	MS	725	127.1	75	13.2	TX	2,595	117.3	264	12.0
DC	152	269.2	189	335.2	MT	1	1.3	7	7.2	UT	215	91.5	39	16.6
FL	1,650	97.0	199	11.7	NE	222	127.8	8	4.6	VT	108	173.9	11	17.4
GA	778	89.6	113	13.0	NV	180	80.4	26	11.4	VA	697	94.3	83	11.2
HI	115	91.2	6	4.6	NH	140	109.0	6	4.8	WA	554	90.4	179	29.2
ID	209	152.8	7	4.8	NJ	720	83.3	212	24.5	WV	328	181.3	23	12.8
IL	869	68.7	406	32.0	NY	261	139.4	16	8.7	WI	579	105.8	42	7.7
IN	615	99.2	53	8.6	NC	1,250	65.2	787	41.0	WY	233	464.8	3	6.6
IA	345	117.3	21	7.0		815	97.0	79	9.4					

¹ Based on estimated population as of July 1. ² Includes outlying areas and undistributed funds, not shown separately.

³ For the 50 states and D.C.

Source: U.S. Census Bureau, *Federal Aid to States for Fiscal Year, 2003*. See Internet site <<http://www.census.gov/prod/2004pubs/O3fas.pdf>> (issued September 2004).

Table 1075. State Motor Fuel Tax Receipts, 2002 and 2003, and Gasoline Tax Rates, 2003

[\$71 represents \$571,000,000]

State	Net receipts (mil.dol)		Tax rate, 2003	State	Net receipts (mil.dol)		Tax rate, 2003	State	Net receipts (mil.dol)		Tax rate, 2003
	2002	2003			2002	2003			2002	2003	
AL	571	566	18.00	KA	498	499	16.40	ND	100	104	21.00
AK	23	28	8.00	LA	554	573	20.00	OH	1,410	1,432	24.00
AZ	608	656	18.00	ME	171	217	22.00	OK	410	407	17.00
AR	427	436	21.70	MD	707	709	23.50	OR	395	404	24.00
CA	3,237	3,248	18.00	MA	667	676	21.00	PA	1,677	1,754	25.90
CO	539	544	22.00	MI	1,083	1,093	19.00	RI	131	135	30.00
CT	420	447	25.00	MN	619	639	20.00	SC	447	463	16.00
DE	111	107	23.00	MS	386	391	18.40	SD	128	127	22.00
DC	27	30	20.00	MO	669	680	17.00	TN	723	752	21.40
FL	1,750	1,841	13.90	MT	183	184	27.00	TX	2,836	2,863	20.00
GA	423	465	7.50	NE	299	305	24.60	UT	334	330	24.50
HI	72	75	16.00	NV	387	401	25.70	VT	86	86	20.00
ID	212	209	25.00	NH	143	157	19.50	VA	818	849	17.50
IL	1,294	1,310	19.00	NJ	489	554	10.50	WA	736	750	28.00
IN	759	1,047	18.00	NY	229	253	18.50	WV	301	290	25.35
IA	408	413	20.30	NC	1,519	1,499	22.65	WI	865	902	28.50
KS	393	407	24.00		1,212	1,160	24.20	WY	99	89	14.00

¹ State gasoline tax rates in cents per gallon. In effect December 31.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual. See Internet site <<http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.htm>>.

Table 1076. Public Highway Debt—State and Local Governments: 1980 to 2003

[In millions of dollars (2,381 represents \$2,381,000,000). Long-term obligations. Data are for varying calendar and fiscal years. Excludes duplicated and interunit obligations]

Item	1980	1985	1990	1995	1999	2000	2001	2002	2003
Total debt issued	2,381	8,194	5,708	11,305	12,822	14,513	15,697	19,089	(NA)
State	1,160	5,397	3,147	4,718	9,554	9,067	11,012	13,250	16,571
Local	1,221	2,797	2,561	6,587	3,268	5,446	4,685	5,839	(NA)
Total debt redeemed	1,987	5,294	3,120	5,634	5,808	8,623	7,230	13,537	(NA)
State	1,114	3,835	1,648	2,939	3,609	3,897	4,660	9,988	11,541
Local	873	1,459	1,472	2,695	2,199	4,726	2,570	3,549	(NA)
Total debt outstanding ²	27,616	32,690	46,586	68,733	89,778	96,383	103,342	111,226	(NA)
State	20,210	21,277	28,362	39,228	55,646	61,434	66,256	70,826	77,205
Local	7,406	11,413	18,224	29,505	34,132	34,949	37,086	40,400	(NA)

NA Not available. ¹ Local data estimated. ² End-of-year.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual. See Internet site <<http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.htm>>.

Table 1077. State Disbursements for Highways by State: 1995 to 2003

[In millions of dollars (67,615 represents \$67,615,000,000). Comprises disbursements from current revenues or loans for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous. Includes transactions by state toll authorities. Excludes amounts allocated for collection expenses and nonhighway purposes, and bonds redeemed by refunding]

State	1995	1997	1998	1999	2000	2001	2002	2003
United States	67,615	73,994	80,518	83,675	89,832	94,513	104,977	109,203
Alabama	1,002	1,019	1,053	1,085	1,246	1,433	1,575	1,572
Alaska	438	435	404	416	501	482	541	618
Arizona	1,199	1,359	1,430	1,860	2,040	2,149	2,445	2,453
Arkansas	666	832	815	736	817	976	1,161	1,176
California	5,966	6,219	6,574	6,876	6,750	6,795	8,570	9,349
Colorado	922	887	1,166	1,260	1,392	1,616	2,195	1,788
Connecticut	1,153	1,173	1,427	1,094	1,304	1,236	1,848	1,743
Delaware	441	449	647	507	595	647	738	929
District of Columbia	140	151	259	242	244	406	336	368
Florida	3,421	3,734	4,024	3,992	4,208	4,348	4,985	6,664
Georgia	1,437	1,372	1,613	1,763	1,567	1,748	1,945	1,756
Hawaii	360	387	326	355	272	263	275	375
Idaho	350	403	414	445	492	480	508	547
Illinois	3,006	2,992	3,306	2,957	3,447	3,788	4,286	4,595
Indiana	1,433	1,636	1,652	1,522	1,932	3,202	1,975	2,445
Iowa	1,078	1,173	1,177	1,253	1,494	1,388	1,405	1,419
Kansas	1,019	1,087	1,306	1,155	1,206	1,271	1,951	1,891
Kentucky	1,397	1,331	1,481	1,578	1,651	1,612	1,776	2,152
Louisiana	1,198	1,189	1,400	1,237	1,301	1,154	1,287	1,498
Maine	379	474	485	458	488	505	744	579
Maryland	1,289	1,489	1,492	1,554	1,599	1,673	1,803	1,885
Massachusetts	2,501	3,287	3,351	4,407	3,524	3,965	3,783	3,547
Michigan	1,974	2,100	2,745	2,629	2,748	2,920	2,859	2,799
Minnesota	1,210	1,450	1,377	1,534	1,692	1,683	1,866	1,969
Mississippi	662	809	843	968	1,039	911	1,040	1,014
Missouri	1,313	1,492	1,438	1,600	1,818	2,044	2,110	2,120
Montana	388	379	378	434	474	469	535	578
Nebraska	578	611	589	681	745	661	867	839
Nevada	484	431	446	557	651	668	631	807
New Hampshire	328	360	371	416	387	445	522	453
New Jersey	2,102	2,247	2,513	2,905	4,503	4,276	4,863	6,364
New Mexico	535	546	570	753	1,162	1,119	983	862
New York	4,584	4,778	6,051	5,347	5,307	5,301	7,161	6,592
North Carolina	1,871	2,099	2,352	2,441	2,621	2,868	3,001	3,013
North Dakota	270	326	306	413	385	358	385	379
Ohio	2,637	2,940	3,327	3,158	3,351	3,493	3,580	3,660
Oklahoma	828	867	944	1,322	1,417	1,443	1,839	1,379
Oregon	888	992	1,051	1,009	1,010	984	1,029	983
Pennsylvania	3,153	3,764	3,902	4,143	4,517	4,875	5,365	5,258
Rhode Island	290	225	339	316	256	380	380	299
South Carolina	668	741	766	885	970	1,104	1,201	1,191
South Dakota	286	349	305	371	466	463	437	441
Tennessee	1,230	1,351	1,420	1,398	1,440	1,563	1,622	1,661
Texas	3,593	4,253	4,295	4,840	5,665	5,716	6,019	6,758
Utah	431	802	1,129	1,072	1,072	941	956	879
Vermont	194	213	222	252	287	297	265	312
Virginia	2,107	2,358	2,619	2,771	2,678	2,909	3,185	3,419
Washington	1,909	1,851	1,805	1,780	1,871	2,042	2,276	2,288
West Virginia	781	940	893	930	1,170	1,289	1,210	1,169
Wisconsin	1,252	1,354	1,398	1,614	1,663	1,793	2,204	1,904
Wyoming	272	284	321	386	396	360	460	468

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual. See Internet site <<http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.htm>>.

Table 1078. State Motor Vehicle Registrations: 1980 to 2003

[In thousands (155,796 represents 155,796,000). Compiled principally from information obtained from state authorities, but it was necessary to draw on other sources and to make numerous estimates in order to complete series. See also Table 1081]

Item	1980	1990	1995	2000	2001	2002	2003
All motor vehicles	155,796	188,798	201,530	221,475	230,428	229,620	231,390
Private and commercial	153,265	185,541	197,941	217,567	226,646	225,772	227,476
Publicly-owned	2,531	3,257	3,589	3,908	3,782	3,848	3,914
Automobiles ¹	121,601	133,700	128,387	133,621	137,633	135,921	135,670
Private and commercial	120,743	132,164	126,900	132,247	136,341	134,605	134,337
Publicly-owned	857	1,536	1,487	1,374	1,293	1,316	1,333
Buses	529	627	686	746	750	761	777
Private and commercial	254	275	288	314	318	320	325
Publicly-owned	275	351	398	432	432	441	452
Trucks ¹	33,667	54,470	72,458	87,108	92,045	92,939	94,943
Private and commercial	32,268	53,101	70,754	85,005	89,988	90,847	92,814
Publicly-owned	1,399	1,369	1,704	2,103	2,058	2,091	2,129

¹ Trucks include pickups, panels and delivery vans. Beginning 1990, personal passenger vans, passenger minivans and utility-type vehicles are no longer included in automobiles, but are included in trucks.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual. See Internet site <<http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.htm>>.

Table 1079. Alternative Fueled Vehicles in Use by Fuel Type: 2002 to 2004

[2004 data are projections. 378,589 represents 378,589,000]

Fuel type	Alternative fueled vehicles			Fuel consumption (1,000 gasoline-equivalent gallons)		
	2002	2003	2004	2002	2003	2004
Total	471,098	510,805	547,904	378,589	412,725	447,198
Liquified petroleum gases (LPG)	187,680	190,438	194,389	223,143	230,486	242,368
Compressed natural gas (CNG)	120,839	132,988	143,742	120,670	141,726	159,464
Liquified natural gas (LNG)	2,708	3,030	3,134	9,382	10,514	10,868
Methanol, 85 percent (M85) ¹	5,873	4,917	4,592	337	274	257
Ethanol, 85 percent (E85) ¹	120,951	133,776	146,195	17,783	20,092	22,405
Electricity ²	33,047	45,656	55,852	7,274	9,633	11,836

¹ The remaining portion is gasoline. ² Excludes gasoline-electric hybrids.

Source: Energy Information Administration, *Alternatives to Traditional Transportation Fuels*. See Internet site <<http://www.eia.doe.gov/fuelalternate.html>> (released February 2004).

Table 1080. Number of Households Leasing Vehicles and Number of Vehicles Leased Per Household: 1992 to 2001

[Based on the Survey of Consumer Finances; see Appendix III]

Item	Share of households leasing a vehicle for personal use (percent)				Average number of leased vehicles, among households having such vehicles			
	1992	1995	1998	2001	1992	1995	1998	2001
All households	2.9	4.5	6.4	5.8	1.1	1.1	1.2	1.2
Household income:								
Less than \$10,000	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.1	(Z)
\$10,000 to \$24,999	(Z)	1.3	4.1	1.8	(Z)	1.0	1.1	1.1
\$25,000 to \$49,999	3.1	3.2	4.6	5.3	1.1	1.0	1.1	1.0
\$50,000 to \$99,999	3.7	9.2	9.2	7.6	1.1	1.1	1.2	1.2
\$100,000 and over	9.5	12.6	13.8	12.9	1.1	1.3	1.3	1.3
Age of household head:								
Less than 35 years	3.2	4.8	8.2	7.3	1.0	1.0	1.1	1.1
35 to 44 years	4.3	5.4	8.3	5.9	1.1	1.1	1.1	1.2
45 to 54 years	3.2	7.9	7.6	6.1	1.2	1.2	1.3	1.2
55 to 64 years	3.2	4.1	4.4	5.5	1.2	1.2	1.1	1.2
65 to 74 years	1.0	1.3	2.9	6.3	1.0	1.1	1.2	1.1
75 years and over	(Z)	0.5	1.9	1.6	(Z)	1.0	1.0	1.0
Race/ethnicity of respondent:								
White non-Hispanic	3.1	4.4	6.3	6.3	1.1	1.1	1.1	1.2
Non-White and Hispanic	2.3	4.9	6.5	4.2	1.1	1.1	1.3	1.1
Work status of household head:								
Work for someone else	3.4	6.0	8.1	6.2	1.1	1.1	1.2	1.2
Self-employed	7.2	5.2	9.0	9.4	1.1	1.3	1.1	1.3
Retired	0.7	1.4	1.5	3.1	1.3	1.0	1.2	1.1
Other not working	(Z)	2.6	(Z)	(Z)	(Z)	1.0	(Z)	(Z)
Homeownership status:								
Owner	3.5	5.8	7.2	6.2	1.1	1.2	1.2	1.2
Renter or other	1.8	2.3	4.8	5.0	1.1	1.1	1.1	1.1
Net worth percentile:								
Bottom 25 percent	2.1	2.7	4.9	3.9	1.1	1.1	1.1	1.2
25 to 49.9 percent	1.6	4.2	5.4	4.4	1.0	1.0	1.1	1.1
50 to 74.9 percent	2.9	4.3	7.1	6.3	1.1	1.1	1.2	1.3
75 to 89.9 percent	3.7	6.2	7.0	7.6	1.0	1.2	1.2	1.2
Top 10 percent	6.5	8.2	9.9	10.2	1.2	1.3	1.2	1.2

Z Ten or fewer observations.

Source: Board of Governors of the Federal Reserve System, unpublished data. See Internet site <<http://www.federalreserve.gov/pubs/oss/oss2/2001/scf2001home.html>>.

Table 1081. State Motor Vehicle Registrations, 1980 to 2003, and Licensed Drivers and Motorcycle Registrations by State, 2003

[In thousands (155,796 represents 155,796,000). Motor vehicle registrations cover publicly, privately, and commercially owned vehicles. For uniformity, data have been adjusted to a calendar-year basis as registration years in states differ; figures represent net numbers where possible, excluding re-registrations and nonresident registrations. See also Table 1078]

State	Motor vehicle registrations ¹						2003		2003	
	1980	1985	1990	1995	2000	2002	2003		Motorcycle registration ²	Licensed drivers
							Total	Auto-mobiles (incl. taxis)		
U.S. . . .	155,796	171,689	188,798	201,530	221,475	229,620	231,390	135,670	5,328	196,166
AL	2,938	3,383	3,744	3,553	3,960	4,428	4,329	1,771	70	3,598
AK	262	353	477	542	594	620	637	261	20	481
AZ	1,917	2,235	2,825	2,873	3,795	3,940	3,574	1,992	208	3,819
CA	1,574	1,384	1,448	1,613	1,840	1,873	1,889	955	38	1,998
AR	16,873	18,899	21,926	22,432	27,698	29,619	30,248	18,699	547	22,657
CO	2,342	2,759	3,155	2,812	3,626	2,151	2,027	888	8	2,975
CT	2,147	2,465	2,623	2,622	2,853	2,915	2,964	2,041	63	2,660
DE	397	465	526	592	630	674	687	419	15	585
DC	268	306	262	243	242	238	228	184	1	313
FL	7,614	9,865	10,950	10,369	11,781	13,964	14,526	8,564	386	12,906
GA	3,818	4,580	5,489	6,120	7,155	7,648	7,730	4,192	118	5,758
HI	570	651	771	802	738	893	903	525	22	834
ID	834	854	1,054	1,043	1,178	1,386	1,301	554	44	921
IL	7,477	7,527	7,873	8,973	8,973	9,577	9,250	5,769	261	8,054
IN	3,826	3,824	4,366	5,072	5,571	5,665	5,739	3,252	144	4,536
IA	2,329	2,696	2,632	2,814	3,106	3,310	3,369	1,883	140	1,978
KS	2,007	2,148	2,012	2,085	2,296	2,337	2,314	834	56	1,987
KY	2,593	2,615	2,909	2,631	2,826	3,601	3,389	1,959	51	2,800
LA	2,779	3,012	2,995	3,286	3,557	3,660	3,714	1,997	57	3,120
ME	724	840	977	967	1,024	968	1,052	619	35	932
MD	2,803	3,276	3,607	3,654	3,848	3,884	3,877	2,479	64	3,552
MA	3,749	3,738	3,726	4,502	5,265	5,407	5,479	3,615	130	4,646
MI	6,488	6,727	7,209	7,674	8,436	8,534	8,540	4,805	214	7,065
MN	3,091	3,385	3,508	3,882	4,630	4,520	4,525	2,502	174	3,036
MS	1,577	1,746	1,875	2,144	2,289	1,955	1,951	1,139	27	1,886
MO	3,271	3,558	3,905	4,255	4,580	4,235	4,460	2,600	74	3,966
MT	680	652	783	968	1,026	1,056	1,010	437	66	705
NE	1,254	1,258	1,384	1,467	1,619	1,656	1,677	855	27	1,311
NH	655	709	853	1,047	1,220	1,253	1,222	624	37	1,488
NV	704	974	946	1,122	1,052	1,143	1,145	656	60	968
NJ	4,761	5,164	5,652	5,906	6,390	6,688	6,712	4,449	140	5,729
NM	1,068	1,226	1,301	1,484	1,529	1,538	1,509	694	32	1,236
NY	8,002	9,042	10,196	10,274	10,235	10,456	10,802	8,313	150	11,357
NC	4,532	4,501	5,162	5,682	6,223	6,149	6,119	3,654	95	6,015
ND	627	655	630	695	694	698	694	346	19	460
OH	7,771	8,102	8,410	9,810	10,467	10,470	10,536	6,519	285	7,656
OK	2,583	2,911	2,649	2,856	3,014	3,071	3,074	1,623	72	2,348
OR	2,081	2,204	2,445	2,785	3,022	3,069	3,061	1,545	75	2,590
PA	6,926	7,209	7,971	8,481	9,260	9,525	9,724	6,121	268	8,370
RI	623	610	672	699	760	776	806	549	25	731
SC	1,996	2,222	2,521	2,833	3,095	3,202	3,162	1,915	57	2,919
SD	601	657	704	709	793	814	827	388	38	555
TN	3,271	3,754	4,444	5,400	4,820	4,777	4,796	2,782	94	4,204
TX	10,475	12,444	12,800	13,682	14,070	14,664	14,889	7,842	258	13,498
UT	992	1,099	1,206	1,447	1,628	1,847	2,006	1,014	38	1,548
VT	347	398	462	492	515	537	516	272	26	543
VA	3,626	4,253	4,938	5,613	6,046	6,273	6,346	4,044	73	5,046
WA	3,225	3,526	4,257	4,503	5,116	5,336	5,379	2,969	141	4,407
WV	1,320	1,143	1,225	1,425	1,442	1,463	1,409	756	19	1,272
WI	2,941	3,187	3,815	3,993	4,366	4,557	4,647	2,578	240	3,766
WY	467	500	528	601	586	603	620	232	28	378

¹ Automobiles, trucks, and buses. Excludes vehicles owned by military services. ² Private and commercial.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual. See Internet site <<http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.htm>>.

Table 1082. Roadway Congestion: 2003

[15,919 represents 15,919,000. Various federal, state, and local information sources were used to develop the data base with the primary source being the Federal Highway Administration's Highway Performance Monitoring System. Areas shown are rated the top 73 in annual per-person hours of delay]

Urbanized areas	Freeway daily vehicle miles of travel		Annual person hours of delay		Annual congestion cost		
	Total miles (1,000)	Per lane-mile of freeway	Total hours (1,000)	Per person	Per person (dol.)	Delay and fuel cost (mil. dol.)	Fuel wasted (gal. per person)
Total, average	15,919	16,206	43,802	25	422	742	15
Akron, OH	5,435	12,494	3,672	6	105	62	4
Albany-Schenectady, NY	5,820	10,582	3,784	7	122	64	4
Albuquerque, NM	4,285	12,985	9,258	16	269	156	9
Allentown-Bethlehem, PA-NJ	4,600	11,646	5,618	9	151	95	6
Atlanta, GA	43,590	19,077	103,618	34	584	1,754	24
Austin, TX	9,200	15,726	23,201	27	457	391	16
Baltimore, MD	26,050	17,026	62,436	27	458	1,057	17
Beaumont, TX	1,685	12,481	1,101	8	127	18	4
Birmingham, AL	9,020	13,363	9,705	14	242	165	10
Boston, MA-NH-RI	37,300	15,738	100,237	25	424	1,692	15
Bridgeport-Stamford, CT-NY	10,000	16,667	14,550	17	291	250	13
Buffalo, NY	6,720	10,500	6,981	6	104	118	3
Cape Coral, FL	435	9,667	2,712	8	141	46	5
Charleston-North Charleston, SC	3,130	12,275	6,364	14	228	107	8
Charlotte, NC-SC	7,755	15,990	16,692	23	389	282	15
Chicago, IL-IN	52,010	19,516	252,822	31	526	4,274	19
Cincinnati, OH-KY-IN	17,635	15,203	27,288	17	287	461	10
Cleveland, OH	17,390	12,647	10,709	6	97	182	4
Colorado Springs, CO	3,435	11,845	6,953	14	243	117	8
Columbus, OH	14,665	15,356	18,550	16	264	314	10
Dallas-Fort Worth-Arlington, TX	51,870	16,705	151,840	35	592	2,545	19
Dayton, OH	6,870	12,491	4,438	6	102	75	4
Denver-Aurora, CO	17,960	15,754	64,506	31	530	1,087	18
Detroit, MI	33,465	17,521	119,581	30	499	2,019	18
El Paso, TX-NM	4,030	14,393	6,491	10	164	110	6
Fresno, CA	3,280	12,377	4,180	7	120	72	5
Grand Rapids, MI	4,515	12,203	5,852	10	169	99	6
Hartford, CT	10,425	13,196	7,434	8	144	127	6
Honolulu, HI	5,930	14,289	7,476	11	184	129	6
Houston, TX	46,665	18,970	135,652	36	609	2,283	22
Indianapolis, IN	11,290	15,466	21,358	21	350	362	14
Jacksonville, FL	10,275	13,980	16,850	18	308	285	11
Kansas City, MO-KS	20,185	11,404	13,874	9	156	235	6
Las Vegas, NV	8,275	17,062	22,245	16	279	380	11
Los Angeles-Long Beach-Santa Ana, CA	136,000	23,248	623,796	50	855	10,686	33
Louisville, KY-IN	11,500	15,972	19,916	22	377	336	14
Memphis, TN-MS-AR	7,815	14,081	17,465	18	295	294	10
Miami, FL	36,685	19,057	147,294	29	487	2,486	17
Milwaukee, WI	10,465	14,950	18,249	13	214	310	8
Minneapolis-St. Paul, MN	27,580	17,346	57,537	23	394	975	15
Nashville-Davidson, TN	13,085	13,702	18,890	20	331	318	11
New Haven, CT	7,450	14,327	5,848	11	181	100	7
New Orleans, LA	5,960	14,024	10,853	10	167	183	6
New York-Newark, NY-NJ-CT	112,555	15,698	404,480	23	383	6,780	11
Oklahoma City, OK	9,500	12,102	7,218	7	112	122	4
Omaha, NE-IA	3,600	12,000	7,984	13	211	134	7
Orlando, FL	10,570	13,551	38,157	30	510	643	18
Oxnard-Ventura, CA	6,700	18,873	10,249	18	307	176	12
Pensacola, FL-AL	1,200	10,909	2,977	10	162	50	5
Philadelphia, PA-NJ-DE-MD	33,875	14,728	112,309	21	357	1,884	11
Phoenix, AZ	23,610	17,819	76,662	26	431	1,294	15
Pittsburgh, PA	12,210	9,768	14,530	8	135	243	4
Portland, OR-WA	12,945	18,105	33,387	20	341	569	13
Providence, RI-MA	11,095	12,328	21,668	18	295	363	9
Raleigh-Durham, NC	8,145	13,352	11,481	15	248	194	10
Richmond, VA	10,830	10,995	8,305	9	153	140	5
Riverside-San Bernardino, CA	19,500	21,429	50,155	30	517	863	21
Sacramento, CA	13,705	19,303	35,929	22	374	619	15
Salem, OR	1,245	12,450	1,714	8	135	29	5
Salt Lake City, UT	8,300	15,660	15,094	16	279	257	11
San Antonio, TX	16,100	14,977	23,788	18	301	401	11
San Diego, CA	36,195	19,460	81,756	28	492	1,411	21
San Francisco-Oakland, CA	48,985	20,242	152,352	37	631	2,605	23
San Jose, CA	16,565	18,508	48,134	29	492	823	18
Sarasota-Bradenton, FL	825	12,692	5,772	10	170	97	6
Seattle, WA	30,700	17,593	72,461	25	427	1,237	17
St. Louis, MO-IL	26,145	14,647	39,936	19	326	675	13
Tampa-St. Petersburg, FL	9,855	14,600	51,360	25	422	865	14
Toledo, OH-MI	4,115	12,470	3,391	7	110	57	4
Tucson, AZ	3,285	13,408	13,767	19	324	233	12
Tulsa, OK	7,025	10,036	5,419	7	113	91	4
Virginia Beach, VA	12,875	13,697	21,746	14	239	367	9
Washington, DC-VA-MD	37,815	18,537	145,484	34	577	2,465	21

Source: Texas Transportation Institute, College Station, Texas; 2005 *Urban Mobility Study* (issued May 2005). (Copyright). See <<http://mobility.tamu.edu/ums/>>.

Table 1083. Commuting to Work by State: 2003

[In percent, except as indicated (129,412 represents 129,412,000). For workers 16 years old and over. The American Community Survey universe is limited to the household population and excludes the population living in institutions, college dormitories, and other group quarters. Based on a sample and subject to sampling variability; see Appendix III]

State	Total workers (1,000)	Percent of workers who—						Mean travel time to work (min.)
		Commuted by car, truck, or van		Used public transportation ¹	Walked	Used other means	Worked at home	
		Drove alone	Car-pooled					
U.S..	129,142	77.8	10.4	4.8	2.3	1.2	3.5	24.3
AL	1,885	85.0	10.6	0.6	1.0	0.8	2.1	22.7
AK	288	69.9	14.4	1.8	6.2	3.0	4.7	18.9
AZ	2,336	77.6	12.9	2.1	2.1	2.1	3.3	23.4
AR	1,171	82.1	12.3	0.5	1.6	0.9	2.5	19.9
CA	15,189	74.2	12.6	5.0	2.3	1.5	4.3	26.5
CO	2,221	77.8	10.3	2.7	2.0	1.5	5.8	22.9
CT	1,637	80.8	8.9	3.9	2.1	1.0	3.4	23.6
DE	378	80.8	10.6	2.4	1.8	0.5	3.8	22.5
DC	254	38.9	7.8	38.8	8.9	2.4	3.2	28.4
FL	7,259	81.3	10.7	1.9	1.3	1.4	3.4	24.8
GA	3,915	80.6	12.0	2.0	1.3	1.2	3.0	26.1
HI	575	68.5	16.1	6.0	3.3	2.0	4.1	24.5
ID	614	77.2	12.1	0.7	3.3	1.4	5.3	19.5
IL	5,670	75.4	9.5	8.4	2.5	1.1	3.1	27.0
IN	2,768	83.0	9.7	1.0	1.5	1.5	3.3	21.2
IA	1,425	81.2	10.0	0.9	2.4	1.1	4.4	18.1
KS	1,298	83.3	8.4	0.3	2.6	1.2	4.2	17.5
KY	1,730	83.3	10.3	1.0	1.7	1.1	2.5	22.1
LA	1,834	82.3	10.8	1.9	1.4	1.3	2.2	23.3
ME	631	80.3	10.5	0.8	2.8	0.9	4.7	22.6
MD	2,636	75.2	10.5	8.1	2.0	1.1	3.1	30.2
MA	2,993	74.9	8.0	9.2	3.3	1.0	3.5	26.0
MI	4,409	84.4	8.6	1.1	1.8	0.8	3.2	22.7
MN	2,530	79.4	9.0	3.3	2.5	1.0	4.8	21.7
MS	1,188	83.9	10.7	0.6	1.1	1.2	2.5	21.6
MO	2,626	82.7	9.9	1.3	1.5	0.9	3.7	23.3
MT	440	75.6	10.9	0.5	5.3	1.5	6.3	16.9
NE	852	82.0	8.9	0.6	2.7	1.0	4.8	16.5
NV	1,023	78.5	11.3	2.9	2.4	2.2	2.7	21.8
NH	644	82.7	9.4	0.5	2.6	1.0	3.8	24.6
NJ	3,919	72.5	10.6	10.3	2.9	0.7	3.0	28.5
NM	786	78.8	11.6	0.9	2.1	1.9	4.7	19.4
NY	8,307	57.0	7.9	25.7	5.1	0.9	3.4	30.4
NC	3,710	82.0	11.7	1.0	1.4	0.9	3.1	23.2
ND	315	80.0	8.2	0.6	4.4	1.0	5.7	15.4
OH	5,077	84.4	8.1	1.9	1.8	0.8	3.1	22.1
OK	1,485	84.4	9.4	0.5	1.3	1.2	3.1	19.1
OR	1,588	74.2	11.3	4.0	2.8	2.2	5.4	21.0
PA	5,470	78.2	9.2	5.3	3.3	0.9	3.1	23.8
RI	503	85.1	8.3	1.7	1.6	1.0	2.3	21.8
SC	1,782	83.8	10.9	1.1	1.0	1.0	2.3	23.0
SD	373	79.2	8.9	0.5	2.9	1.0	7.5	15.2
TN	2,650	85.9	9.2	0.6	0.8	0.8	2.7	23.4
TX	9,525	80.4	12.0	1.9	1.4	1.2	3.0	23.7
UT	1,046	77.4	13.8	2.0	1.7	1.4	3.7	19.7
VT	312	77.3	10.2	0.8	4.3	1.1	6.2	20.3
VA	3,497	78.9	11.1	3.8	1.7	1.3	3.3	25.8
WA	2,794	73.8	11.3	5.0	3.2	2.2	4.6	24.8
WV	702	83.1	10.4	1.1	2.2	1.1	2.1	24.7
WI	2,636	81.0	9.0	2.0	3.1	1.2	3.6	20.4
WY	247	77.7	11.0	1.5	3.4	1.7	4.7	17.5

¹ Including taxicabs.

Source: U.S. Census Bureau, American FactFinder, 2003 American Community Survey Summary Table, P047, Means of Transportation to Work for Workers 16 Years Old and Over, Internet site <<http://factfinder.census.gov/>>; and American Community Survey, Multi-Year Profiles 2003 - Economic Characteristics, Internet site <<http://www.census.gov/acs/www/Products/Profiles/Chg/2003/ACS/index.htm>>; (accessed 13 July 2005).

Table 1084. Motor Vehicle Distance Traveled by Type of Vehicle: 1970 to 2003

[1,110 represents 1,110,000,000,000. Travel estimates based on automatic traffic recorder data]

Year	Vehicle-miles of travel (bil.)					Average miles per vehicle (1,000)				
	Total ¹	Passenger vehicles			Trucks ³	Total	Passenger vehicles			Trucks ³
		Cars ¹	Buses ²	Vans, pickups, SUVs			Cars ¹	Buses ²	Vans, pickups, SUVs	
1970	1,110	920	4.5	123	62	10.0	10.0	12.0	8.7	13.6
1980	1,527	1,122	6.1	291	108	9.5	8.8	11.5	10.4	18.7
1981	1,555	1,144	6.2	296	109	9.5	8.9	11.5	10.2	19.0
1982	1,595	1,172	5.8	306	111	9.6	9.1	10.4	10.3	19.9
1983	1,653	1,204	5.2	328	116	9.8	9.1	8.9	10.5	21.1
1984	1,720	1,236	4.6	358	122	10.0	9.2	8.0	11.2	22.6
1985	1,775	1,256	4.5	391	124	10.0	9.4	7.5	10.5	20.6
1986	1,835	1,280	4.7	424	127	10.1	9.5	7.9	10.8	22.1
1987	1,921	1,325	5.3	457	134	10.5	9.7	8.9	11.1	23.3
1988	2,026	1,380	5.5	502	138	10.7	10.0	8.9	11.5	22.5
1989	2,096	1,412	5.7	536	143	10.9	10.2	9.1	11.7	22.9
1990	2,144	1,418	5.7	575	146	11.1	10.3	9.1	11.9	23.6
1991	2,172	1,367	5.8	649	150	11.3	10.3	9.1	12.2	24.2
1992	2,247	1,381	5.8	707	153	11.6	10.6	9.0	12.4	25.4
1993	2,296	1,385	6.1	746	160	11.6	10.5	9.4	12.4	26.3
1994	2,358	1,416	6.4	765	170	11.7	10.8	9.6	12.2	25.8
1995	2,423	1,438	6.4	790	178	11.8	11.2	9.4	12.0	26.5
1996	2,486	1,470	6.6	817	183	11.8	11.3	9.4	11.8	26.1
1997	2,562	1,503	6.8	851	191	12.1	11.6	9.8	12.1	27.0
1998	2,632	1,550	7.0	868	196	12.2	11.8	9.8	12.2	25.4
1999	2,691	1,569	7.7	901	203	12.2	11.9	10.5	12.0	26.0
2000	2,747	1,600	7.6	923	206	12.2	11.9	10.2	11.7	25.7
2001	2,797	1,628	7.1	943	209	11.9	11.8	9.4	11.2	26.6
2002	2,856	1,658	6.8	966	215	12.2	12.2	9.0	11.4	27.1
2003	2,891	1,661	6.6	998	216	12.2	12.2	8.5	11.5	27.3

¹ Motorcycles included with cars through 1994; thereafter in total, not shown separately. ² Includes school buses. ³ Includes combinations.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual. See Internet site <<http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.htm>>.

Table 1085. Domestic Motor Fuel Consumption by Type of Vehicle: 1970 to 2003

[92.3 represents 92,300,000,000. Comprises all fuel types used for propulsion of vehicles under state motor fuels laws. Excludes federal purchases for military use. Minus sign (-) indicates decrease]

Year	Annual fuel consumption (bil. gal.)						Average miles per gallon				
	All vehicles ¹	Avg. annual percent change ²	Cars ¹	Buses ³	Vans, pickups, SUVs	Trucks ⁴	All vehicles ¹	Cars ¹	Buses ³	Vans, pickups, SUVs	Trucks ⁴
1970	92.3	4.8	67.8	0.8	12.3	11.3	12.0	13.5	5.5	10.0	5.5
1980	115.0	-5.9	70.2	1.0	23.8	20.0	13.3	16.0	6.0	12.2	5.4
1981	114.5	-0.4	69.3	1.1	23.7	20.4	13.6	16.5	5.9	12.5	5.3
1982	113.4	-1.0	69.3	1.0	22.7	20.4	14.1	16.9	5.9	13.5	5.5
1983	116.1	2.4	70.5	0.9	23.9	20.8	14.2	17.1	5.9	13.7	5.6
1984	118.7	2.2	70.8	0.8	25.6	21.4	14.5	17.4	5.7	14.0	5.7
1985	121.3	2.2	71.7	0.8	27.4	21.4	14.6	17.5	5.4	14.3	5.8
1986	125.2	3.2	73.4	0.9	29.1	21.9	14.7	17.4	5.3	14.6	5.8
1987	127.5	1.8	73.5	0.9	30.6	22.5	15.1	18.0	5.8	14.9	5.9
1988	130.1	2.0	73.5	0.9	32.7	22.9	15.6	18.8	5.8	15.4	6.0
1989	131.9	1.4	74.1	0.9	33.3	23.5	15.9	18.0	6.0	16.1	6.1
1990	130.8	-0.8	69.8	0.9	35.6	24.5	16.4	20.3	6.4	16.1	6.0
1991	128.6	-1.7	64.5	0.9	38.2	25.0	16.9	21.2	6.7	17.0	6.0
1992	132.9	3.3	65.6	0.9	40.9	25.5	16.9	21.0	6.6	17.3	6.0
1993	137.3	3.3	67.2	0.9	42.9	26.2	16.7	20.6	6.6	17.4	6.1
1994	140.8	2.5	68.1	1.0	44.1	27.7	16.7	20.8	6.6	17.3	6.1
1995	143.8	2.1	68.1	1.0	45.6	29.0	16.8	21.1	6.6	17.3	6.1
1996	147.4	2.5	69.2	1.0	47.4	29.6	16.9	21.2	6.6	17.2	6.2
1997	150.4	2.0	69.9	1.0	49.4	29.9	17.0	21.5	6.7	17.2	6.4
1998	155.4	3.3	71.7	1.1	50.5	32.0	16.9	21.6	6.7	17.2	6.1
1999	161.4	3.9	73.2	1.1	52.8	33.9	16.7	21.4	6.7	17.0	6.0
2000	162.5	0.7	73.1	1.1	52.9	35.2	16.9	21.9	6.8	17.4	5.8
2001	163.5	0.6	73.6	1.0	53.5	35.2	17.1	22.1	6.9	17.6	5.9
2002	168.7	3.2	75.5	1.0	55.2	36.8	16.9	22.0	6.8	17.5	5.8
2003	169.6	0.5	74.6	1.0	56.3	37.6	17.0	22.3	6.9	17.7	5.7

¹ Motorcycles included with through 1994; thereafter in total, not shown separately. ² Change from immediate prior year. ³ Includes school buses. ⁴ Includes combinations.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual. See Internet site <<http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.htm>>.

Table 1086. Motor Vehicle Accidents—Number and Deaths: 1980 to 2003

[17.9 represents 17,900,000]

Item	Unit	1980	1985	1990	1995	1999	2000	2001	2002	2003
ACCIDENTS										
Motor vehicle accidents ¹	Million	17.9	19.3	11.5	10.7	11.4	13.4	12.5	18.3	11.8
Vehicles involved:										
Cars	Million	22.8	25.6	14.3	12.3	11.6	15.9	13.6	18.1	11.5
Trucks	Million	5.5	6.1	4.4	4.5	6.2	8.8	7.4	12.2	8.2
Motorcycles	1,000	560	480	180	152	70	130	119	190	150
DEATHS										
Motor vehicle deaths within 1 yr. ²	1,000	53.2	45.9	46.8	43.4	43.0	43.0	43.7	44.0	44.8
Noncollision accidents	1,000	(NA)	(NA)	4.9	4.4	4.3	4.6	5.2	5.5	5.2
Collision accidents:										
With other motor vehicles	1,000	23.0	19.9	19.9	19.0	18.8	20.6	18.4	18.2	19.9
With pedestrians	1,000	9.7	8.5	7.3	6.4	5.8	5.3	6.1	5.7	5.6
With fixed objects	1,000	(NA)	(NA)	13.1	12.1	11.1	11.2	12.8	13.5	13.0
Deaths within 30 days ³	1,000	51.1	43.8	44.6	41.8	41.7	41.9	42.2	43.0	42.6
Occupants	1,000	36.8	31.5	33.9	33.1	33.4	33.5	33.2	34.1	33.5
Passenger cars	1,000	27.4	23.2	24.1	22.4	20.9	20.7	20.3	20.6	19.5
Light trucks	1,000	7.5	6.7	8.6	9.6	11.3	11.5	11.7	12.3	12.4
Large trucks	1,000	1.3	1.0	0.7	0.6	0.8	0.8	0.7	0.7	0.7
Buses	1,000	(Z)	0.1	(Z)	(Z)	0.1	(Z)	(Z)	(Z)	(Z)
Other/unknown	1,000	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.8
Motorcycle riders ⁴	1,000	5.1	4.6	3.2	2.2	2.5	2.9	3.2	3.3	3.7
Nonoccupants	1,000	9.2	7.8	7.5	6.5	5.8	5.6	5.8	5.6	5.5
Pedestrians	1,000	8.1	6.8	6.5	5.6	4.9	4.8	4.9	4.9	4.7
Pedalcyclist	1,000	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6
Other/unknown	1,000	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Traffic death rates:^{3 5}										
Per 100 million vehicle miles	Rate	3.3	2.5	2.1	1.7	1.6	1.5	1.5	1.5	1.5
Per 100,000 licensed drivers	Rate	35.2	27.9	26.7	23.7	22.3	22.0	22.1	22.1	21.7
Per 100,000 registered vehicles	Rate	34.8	26.4	24.2	21.2	19.6	19.3	19.1	19.1	18.5
Per 100,000 resident population	Rate	22.5	18.4	17.9	15.9	15.3	14.9	14.8	14.9	14.7

NA Not available. Z Fewer than 50. ¹ Covers only accidents occurring on the road. Data are estimated. Year-to-year comparisons should be made with caution. ² Deaths that occur within 1 year of accident. Includes collision categories not shown separately. ³ Within 30 days of accident. Source: U.S. National Highway Traffic Safety Administration, *Traffic Safety Facts*, annual; and unpublished data. See Internet site <<http://www.nhtsa.dot.gov/people/Crash/Index.html>>. ⁴ Includes motorized cycles. ⁵ Based on 30-day definition of traffic deaths.

Source: Except as noted, National Safety Council, Itasca, IL, *Injury Facts*, annual (copyright). See Internet site <<http://www.nsc.org/>>.

Table 1087. Traffic Fatalities by State: 1980 to 2003

[For deaths within 30 days of the accident]

State	Fatalities				Fatality rate ¹		State	Fatalities				Fatality rate ¹	
	1980	1990	2000	2003	1980	2003		1980	1990	2000	2003	1980	2003
U.S. ...	51,091	44,599	41,945	42,643	3.3	1.5	MO	1,175	1,097	1,157	1,232	3.4	1.8
AL	940	1,121	996	1,001	3.2	1.7	MT	325	212	237	262	4.9	2.4
AK	88	98	106	95	3.3	1.9	NE	396	262	276	293	3.5	1.5
AZ	947	869	1,036	1,120	5.3	2.1	NV	346	343	323	368	5.7	1.9
AR	588	604	652	627	3.6	2.1	NH	194	158	126	127	3.0	1.0
CA	5,496	5,192	3,753	4,215	3.5	1.3	NJ	1,120	886	731	747	2.2	1.1
CO	709	544	681	632	3.2	1.5	NM	606	499	432	439	5.4	1.9
CT	575	385	341	294	3.0	0.9	NY	2,610	2,217	1,460	1,491	3.4	1.1
DE	153	138	123	142	3.6	1.6	NC	1,503	1,385	1,557	1,531	3.6	1.6
DC	41	48	48	67	1.2	1.6	ND	151	112	86	105	2.9	1.4
FL	2,825	2,891	2,999	3,169	3.6	1.7	OH	2,033	1,638	1,366	1,277	2.8	1.2
GA	1,508	1,562	1,541	1,603	3.5	1.5	OK	959	641	650	668	3.5	1.5
HI	186	177	132	135	3.3	1.5	OR	646	579	451	512	3.4	1.5
ID	331	244	276	293	4.8	2.1	PA	2,089	1,646	1,520	1,577	2.9	1.5
IL	1,975	1,589	1,418	1,453	3.0	1.4	RI	129	84	80	104	2.4	1.2
IN	1,166	1,049	886	834	3.0	1.2	SC	852	979	1,065	968	3.8	2.0
IA	626	465	445	441	3.3	1.4	SD	228	153	173	203	3.7	2.4
KS	595	444	461	471	3.4	1.6	TN	1,153	1,177	1,307	1,193	3.4	1.7
KY	820	849	820	928	3.2	2.0	TX	4,366	3,250	3,779	3,675	3.8	1.6
LA	1,219	959	938	894	5.0	2.0	UT	334	272	373	309	3.1	1.3
ME	265	213	169	207	3.5	1.4	VT	137	90	76	69	3.7	0.8
MD	756	707	588	649	2.6	1.2	VA	1,045	1,079	929	943	2.7	1.2
MA	881	605	433	462	2.5	0.9	WA	971	825	631	600	3.4	1.1
MI	1,750	1,571	1,382	1,283	2.8	1.3	WV	523	481	411	394	4.9	2.0
MN	848	566	625	657	3.0	1.2	WI	972	769	799	848	3.1	1.4
MS	695	750	949	871	4.2	2.3	WY	245	125	152	165	4.9	1.8

¹ Deaths per 100 million vehicle miles traveled.

Source: U.S. National Highway Safety Traffic Administration, *Traffic Safety Facts*, annual. See Internet site <<http://www.nhtsa.dot.gov/people/Crash/Index.html>>.

Table 1088. Fatal Motor Vehicle Accidents—National Summary: 1990 to 2003

[Based on data from the Fatality Analysis Reporting System (FARS). FARS gathers data on accidents that result in loss of human life. FARS is operated and maintained by National Highway Traffic Safety Administration's (NHTSA) National Center for Statistics and Analysis (NCSA). FARS data are gathered on motor vehicle accidents that occurred on a roadway customarily open to the public, resulting in the death of a person within 30 days of the accident. Collection of these data depend on the use of police, hospital, medical examiner/coroner, and Emergency Medical Services reports; State vehicle registration, driver licensing, and highway department files; and vital statistics documents and death certificates. See source for further detail]

Item	1990	1995	1998	1999	2000	2001	2002	2003
Fatal crashes, total	39,836	37,241	37,107	37,140	37,526	37,862	38,491	38,252
One vehicle involved	23,445	21,250	20,900	20,911	21,117	21,510	22,164	21,668
Two or more vehicles involved	16,391	15,991	16,207	16,229	16,409	16,352	16,327	16,584
Persons killed in fatal crashes	44,599	41,817	41,501	41,717	41,945	42,196	43,005	42,643
Occupants	37,134	35,291	35,382	35,875	36,348	36,440	37,375	37,132
Drivers	25,750	24,390	24,743	25,257	25,567	25,869	26,659	26,640
Passengers	11,276	10,782	10,530	10,521	10,695	10,469	10,604	10,387
Other	108	119	109	97	86	102	112	105
Nonmotorists	7,465	6,526	6,119	5,842	5,597	5,756	5,630	5,511
Pedestrians	6,482	5,584	5,228	4,939	4,763	4,901	4,851	4,749
Pedalcyclists	859	833	760	754	693	732	665	622
Other	124	109	131	149	141	123	114	140
Occupants killed by vehicle type:								
Passenger cars	24,092	22,423	21,194	20,862	20,699	20,320	20,569	19,460
Mini-compact (95 inches)	3,556	2,207	1,480	1,224	1,113	887	813	633
Subcompact (95 to 99 inches)	4,753	4,584	4,034	3,663	3,660	3,571	3,435	3,048
Compact (100 to 104 inches)	5,310	6,899	6,804	6,942	7,022	6,731	7,061	6,663
Intermediate (105 to 109 inches)	4,849	4,666	4,617	4,721	5,204	5,402	5,514	5,502
Full-size (110 to 114 inches)	2,386	2,116	2,014	2,179	2,287	2,344	2,434	2,424
Largest (115 inches and over)	2,249	1,297	1,092	708	897	864	828	767
Unknown	989	654	1,153	1,425	516	521	484	423
Motorcycles	3,129	2,114	2,186	2,374	2,783	3,077	3,150	3,534
Other motorized cycles	115	113	108	109	114	120	120	127
Light Trucks	8,601	9,568	10,705	11,265	11,526	11,723	12,274	12,444
Pickup	5,979	5,938	5,921	6,127	6,003	6,139	6,100	5,904
Utility	1,214	1,935	2,713	3,026	3,358	3,530	4,031	4,446
Van	1,154	1,639	2,042	2,088	2,129	2,019	2,109	2,066
Other	254	56	29	24	36	35	34	28
Medium trucks	134	96	99	90	106	82	87	81
Heavy trucks	571	552	643	669	648	620	602	642
Buses	32	33	38	59	22	34	45	40
Other vehicles	296	307	336	355	401	401	424	470
Unknown	164	85	73	92	49	63	104	334
Persons involved in fatal crashes	107,777	102,102	101,100	100,666	100,716	101,175	101,784	101,157
Occupants	99,297	94,621	94,241	93,959	94,325	94,706	95,403	94,807
Drivers	58,893	56,164	56,604	56,502	57,280	57,586	58,113	58,156
Passengers	40,229	38,252	37,448	37,280	36,889	36,892	37,080	36,439
Other	175	205	189	177	156	228	210	212
Nonoccupants	8,480	7,481	6,859	6,707	6,391	6,469	6,381	6,350
Vehicle miles traveled (VMT) (100 mil.)	21,444	24,227	26,315	26,911	27,469	27,973	28,556	28,909
Licensed drivers (1,000)	167,015	176,628	184,861	187,170	190,625	191,276	194,602	196,166
Registered vehicles (1,000)	184,275	197,065	208,076	212,685	217,028	221,230	225,685	230,788
Percent distribution of fatal accidents by the highest blood alcohol concentration (BAC) in accident:								
0.00 percent	49.5	57.7	59.8	60.2	58.7	58.9	59.2	60.1
0.01 to 0.07 percent	6.5	5.7	5.8	5.5	5.9	5.9	5.6	5.5
0.08 percent and over	44.0	36.7	34.4	34.3	35.4	35.2	35.3	34.3
Fatalities per 100,000 population:								
Under 5 years old	4.9	4.3	4.0	3.9	3.7	3.4	3.1	3.1
5 years to 15 years old	6.4	6.0	5.2	5.1	4.7	4.3	4.3	4.4
16 years to 24 years old	35.2	30.7	28.5	28.9	28.5	28.6	29.3	27.9
25 years to 44 years old	19.7	17.2	16.4	16.4	16.1	16.2	16.2	15.9
45 years to 64 years old	14.9	13.6	14.0	13.8	13.8	13.5	13.8	13.9
65 years to 79 years old	18.8	18.5	18.7	18.3	17.1	17.1	17.0	16.2
80 years old and over	26.8	28.0	28.4	27.3	25.0	24.5	23.3	24.1
Fatalities per 100 million VMT¹	2.1	1.7	1.6	1.6	1.5	1.5	1.5	1.5
Fatalities per 100,000 licensed drivers	26.7	23.7	22.4	22.3	22.0	22.1	22.1	21.7
Licensed driver per person	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
VMT ¹ per registered vehicle	11,637	12,294	12,647	12,653	12,657	12,644	12,652	12,526
Fatalities per 100,000 registered vehicles	24.2	21.2	19.9	19.6	19.3	19.1	19.1	18.5
Fatal crashes per 100 million VMT ¹	1.9	1.5	1.4	1.4	1.4	1.4	1.3	1.3
Involved vehicles per fatal crash	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Fatalities per fatal crash	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Average occupants per fatal crash	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Fatalities per 100,000 population	17.9	15.9	15.4	15.3	14.9	14.8	14.9	14.7

¹ VMT = vehicle miles of travel.

Source: U.S. National Highway Traffic Safety Administration, *Fatality Analysis Reporting System*, annual. See Internet site <<http://www.nhtsa.dot.gov/people/Crash/Index.html>>.

Table 1089. Motor Vehicle Occupants and Nonoccupants Killed and Injured: 1980 to 2003

[For deaths within 30 days of the accident. (3,416 represents 3,416,000)]

Year	Total	Occupants						Motor-cycle ²	Nonoccupants			
		Total	Pas-senger cars	Light trucks ¹	Large trucks ¹	Buses	Other/un-known ³		Total	Pedes-trian	Pedal-cyclist	Other/un-known ³
KILLED												
1980	51,091	36,783	27,449	7,486	1,262	46	540	5,144	9,164	8,070	965	129
1985	43,825	31,479	23,212	6,689	977	57	544	4,564	7,782	6,808	890	84
1990	44,599	33,890	24,092	8,601	705	32	460	3,244	7,465	6,482	859	124
1991	41,508	31,934	22,385	8,391	661	31	466	2,806	6,768	5,801	843	124
1992	39,250	30,485	21,367	8,098	585	28	387	2,395	6,370	5,549	723	98
1993	40,150	31,125	21,566	8,511	605	18	425	2,449	6,576	5,649	816	111
1994	40,716	31,998	21,997	8,904	670	18	409	2,320	6,398	5,489	802	107
1995	41,817	33,064	22,423	9,568	648	33	392	2,227	6,526	5,584	833	109
1996 ⁴	42,065	33,534	22,505	9,932	621	21	455	2,161	6,368	5,449	765	154
1997	42,013	33,609	22,199	10,249	723	18	420	2,116	6,288	5,321	814	153
1998	41,501	33,088	21,194	10,705	742	38	409	2,294	6,119	5,228	760	131
1999	41,717	33,392	20,862	11,265	759	59	447	2,483	5,842	4,939	754	149
2000	41,945	33,451	20,699	11,526	754	22	450	2,897	5,597	4,763	693	141
2001	42,196	33,243	20,320	11,723	708	34	458	3,197	5,756	4,901	732	123
2002	43,005	34,105	20,569	12,274	689	45	528	3,270	5,630	4,851	665	114
2003	42,643	33,471	19,460	12,444	723	40	804	3,661	5,511	4,749	622	140
INJURED (1,000)												
1988	3,416	3,119	2,585	478	37	15	4	105	192	110	75	8
1990	3,231	2,960	2,376	505	42	33	4	84	187	105	75	7
1991	3,097	2,851	2,235	563	28	21	4	80	166	88	67	11
1992	3,070	2,843	2,232	545	34	20	12	65	162	89	63	10
1993	3,149	2,919	2,265	601	32	17	4	59	171	94	68	9
1994	3,266	3,045	2,364	631	30	16	4	57	164	92	67	10
1995	3,465	3,246	2,469	722	30	19	4	57	162	86	62	9
1996	3,483	3,277	2,458	761	33	20	4	55	151	82	58	11
1997	3,348	3,149	2,341	755	31	17	6	53	146	77	58	11
1998	3,192	3,012	2,201	763	29	16	4	49	131	69	53	8
1999	3,236	3,047	2,138	847	33	22	7	50	140	85	51	3
2000	3,189	2,997	2,052	887	31	18	10	58	134	78	51	5
2001	3,033	2,841	1,927	861	29	15	9	60	131	78	45	8
2002	2,926	2,735	1,805	879	26	19	6	65	126	71	48	7
2003	2,889	2,697	1,756	889	27	18	7	67	124	70	46	8

¹ See footnotes 2 and 3 in Table 1090. ² Includes motorized cycles. ³ Includes combination trucks. ⁴ Includes two fatalities of unknown person type.

Source: U.S. National Highway Traffic Safety Administration, *Traffic Safety Facts*, annual; and unpublished data. See Internet site <<http://www.nhtsa.dot.gov/people/Crash/Index.html>>.

Table 1090. Vehicles Involved in Crashes by Vehicle Type, Rollover Occurrence, and Crash Severity: 2003

[Numbers in thousands (11,107.6 represents 11,107,600)]

Vehicle type	Total		Rollover occurrence			
	Number	Percent	Yes		No	
			Number	Percent	Number	Percent
All crashes¹	11,107.6	100.0	280.8	2.5	10,826.8	97.5
Passenger cars	6,511.1	100.0	112.5	1.7	6,398.7	98.3
Light trucks: ²						
Pickup	1,697.8	100.0	58.8	3.5	1,639.0	96.5
Utility	1,431.1	100.0	75.4	5.3	1,355.7	94.7
Van	835.0	100.0	15.7	1.9	819.2	98.1
Other	95.0	100.0	2.4	2.5	92.7	97.5
Large truck ³	456.6	100.0	14.4	3.1	442.2	96.9
Bus	58.0	100.0	(Z)	0.1	58.0	99.9
Other/unknown	23.0	100.0	1.6	7.1	21.3	92.9
Fatal crashes	54.8	100.0	11.0	20.0	43.8	80.0
Passenger cars	26.2	100.0	4.1	15.8	22.0	84.2
Light trucks: ²						
Pickup	11.0	100.0	2.7	24.5	8.3	75.5
Utility	7.2	100.0	2.6	35.7	4.6	64.3
Van	3.7	100.0	0.7	18.7	3.0	81.3
Other	0.1	100.0	(Z)	9.8	0.1	90.2
Large truck ³	4.7	100.0	0.6	13.0	4.1	87.0
Bus	0.3	100.0	(Z)	4.5	0.3	95.5
Other/unknown	1.6	100.0	0.2	13.7	1.4	86.3

Z Less than 500. ¹ Includes injury and property-only crashes, not shown separately. ² Trucks of 10,000 pounds gross vehicle weight rating or less including pickups, vans, truck-based station wagons and utility vehicles. ³ Trucks over 10,000 pounds gross vehicle weight rating.

Source: U.S. National Highway Safety Traffic Administration, *Traffic Safety Facts*, annual; and unpublished data. See Internet site <<http://www.nhtsa.dot.gov/people/Crash/Index.html>>.

Table 1091. Speeding-Related Traffic Fatalities by State and Road Type and Speed Limit: 2003

[Speeding consists of exceeding the posted speed limit or driving too fast for the road conditions or any speed-related violation charged (Racing, driving above speed limit, speed greater than reasonable, exceeding special speed limit)]

State	Traffic fatalities, total	Speeding-related fatalities by road type and speed limit									
		Interstate			Noninterstate						
		Total ¹	Over 55 mph	At or under 55 mph	55 mph	50 mph	45 mph	40 mph	35 mph	Under 35 mph	
United States	42,643	13,380	1,403	396	3,743	482	1,652	821	1,447	1,488	
Alabama	1,001	469	46	6	124	16	148	31	45	24	
Alaska	95	39	9	3	6	-	6	5	-	4	
Arizona	1,120	432	76	16	52	18	71	38	39	31	
Arkansas	627	118	7	-	69	-	10	3	14	11	
California	4,215	1,507	242	26	397	58	142	107	173	156	
Colorado	632	239	23	17	38	5	29	22	23	37	
Connecticut	294	111	9	15	6	1	16	8	8	43	
Delaware	142	37	-	4	4	13	2	5	4	4	
District of Columbia	67	22	-	-	-	-	-	2	4	16	
Florida	3,169	539	35	11	80	13	150	49	80	75	
Georgia	1,603	328	25	14	101	8	61	11	68	20	
Hawaii	135	66	-	7	6	1	11	-	22	10	
Idaho	293	82	17	-	8	13	4	-	11	5	
Illinois	1,453	566	46	50	226	3	22	47	69	88	
Indiana	834	217	16	14	68	12	20	19	22	34	
Iowa	441	68	3	2	24	4	6	1	8	14	
Kansas	471	144	17	-	51	2	6	8	7	25	
Kentucky	928	122	11	2	75	-	11	-	19	1	
Louisiana	894	223	16	3	103	8	26	9	24	20	
Maine	207	79	3	2	12	16	18	2	14	10	
Maryland	649	198	11	6	24	40	10	35	28	43	
Massachusetts	462	156	17	5	3	5	14	13	26	52	
Michigan	1,283	293	27	7	132	6	19	5	26	47	
Minnesota	657	194	13	7	94	10	9	4	3	28	
Mississippi	871	170	18	-	59	15	35	12	12	11	
Missouri	1,232	519	66	12	187	4	32	24	49	58	
Montana	262	113	18	-	3	2	6	1	14	7	
Nebraska	293	38	2	-	3	13	5	1	-	2	
Nevada	368	125	14	1	5	3	28	1	26	11	
New Hampshire	127	31	2	-	1	2	3	8	5	6	
New Jersey	747	48	4	-	6	6	4	6	4	11	
New Mexico	439	172	29	2	28	4	6	13	19	16	
New York	1,491	481	9	24	177	10	23	30	23	80	
North Carolina	1,531	566	31	10	298	8	119	2	71	9	
North Dakota	105	32	-	-	13	-	-	2	1	3	
Ohio	1,277	264	25	6	123	2	23	7	38	25	
Oklahoma	668	273	43	1	34	14	55	15	15	13	
Oregon	512	167	9	11	82	1	13	12	14	9	
Pennsylvania	1,577	652	42	30	177	12	124	66	115	47	
Rhode Island	104	54	1	5	1	1	7	7	7	25	
South Carolina	968	410	35	1	146	11	91	13	28	28	
South Dakota	203	87	18	1	31	1	1	2	3	6	
Tennessee	1,193	272	16	13	72	14	42	26	16	45	
Texas	3,675	1,509	207	43	225	43	113	94	119	143	
Utah	309	93	34	1	10	3	1	9	7	5	
Vermont	69	33	4	-	1	13	3	5	3	3	
Virginia	943	286	25	11	127	6	43	7	38	23	
Washington	600	234	20	2	16	38	15	18	53	43	
West Virginia	394	112	14	1	50	2	12	14	5	9	
Wisconsin	848	306	22	3	161	-	29	-	25	48	
Wyoming	165	84	26	1	4	2	8	2	-	4	

- Represents zero. ¹ Includes fatalities that occurred on roads for which the speed limit was unknown.

Source: U.S. National Highway Traffic Safety Administration, *Traffic Safety Facts, Speeding*, annual; and unpublished data. See Internet site <<http://www.nhtsa.dot.gov/people/Crash/Index.html>>.

Table 1092. Traffic Fatalities by State and Highest Blood Alcohol Concentration (BAC) in the Crash: 2003

[BAC means blood alcohol concentration; g/dl means grams per deciliter]

State	No alcohol (BAC = 0.00 g/dl)			Any alcohol (BAC = 0.01 g/dl or more)					
				Low alcohol (BAC = 0.01–0.07 g/dl)		High alcohol (BAC = 0.08 g/dl or more)			
	Traffic fatalities, total	Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States . . .	42,643	25,630	60	17,013	40	2,383	6	14,630	34
Alabama	1,001	586	59	415	41	40	4	376	38
Alaska	95	60	63	35	37	3	4	31	33
Arizona	1,120	650	58	470	42	63	6	408	36
Arkansas	627	373	59	254	41	51	8	203	32
California	4,215	2,589	61	1,626	39	249	6	1,378	33
Colorado	632	386	61	246	39	26	4	221	35
Connecticut	294	163	55	131	45	17	6	114	39
Delaware	142	82	58	60	42	9	6	51	36
District of Columbia	67	33	50	34	50	4	6	29	44
Florida	3,169	1,895	60	1,274	40	185	6	1,089	34
Georgia	1,603	1,115	70	488	30	68	4	420	26
Hawaii	135	63	47	72	53	18	14	54	40
Idaho	293	186	63	107	37	18	6	90	31
Illinois	1,453	814	56	639	44	99	7	539	37
Indiana	834	572	69	262	31	40	5	223	27
Iowa	441	296	67	145	33	26	6	119	27
Kansas	471	265	56	206	44	24	5	182	39
Kentucky	928	652	70	276	30	36	4	240	26
Louisiana	894	488	55	406	45	44	5	363	41
Maine	207	132	64	75	36	6	3	69	33
Maryland	649	368	57	281	43	73	11	208	32
Massachusetts	462	255	55	207	45	37	8	170	37
Michigan	1,283	802	63	481	37	86	7	395	31
Minnesota	657	390	59	267	41	36	5	231	35
Mississippi	871	551	63	320	37	32	4	288	33
Missouri	1,232	728	59	504	41	80	6	425	34
Montana	262	134	51	128	49	20	8	108	41
Nebraska	293	172	59	121	41	22	8	99	34
Nevada	368	186	50	182	50	24	6	159	43
New Hampshire	127	75	59	52	41	8	7	43	34
New Jersey	747	472	63	275	37	35	5	240	32
New Mexico	439	241	55	198	45	28	6	170	39
New York	1,491	962	65	529	35	71	5	458	31
North Carolina	1,531	977	64	554	36	80	5	474	31
North Dakota	105	53	50	52	50	6	5	47	44
Ohio	1,277	810	63	467	37	66	5	402	31
Oklahoma	668	413	62	255	38	35	5	220	33
Oregon	512	305	60	207	40	32	6	175	34
Pennsylvania	1,577	959	61	618	39	77	5	542	34
Rhode Island	104	47	45	57	55	5	5	52	50
South Carolina	968	480	50	488	50	64	7	423	44
South Dakota	203	105	52	98	48	8	4	90	44
Tennessee	1,193	746	63	447	37	43	4	404	34
Texas	3,675	1,966	53	1,709	47	209	6	1,500	41
Utah	309	263	85	46	15	8	2	39	12
Vermont	69	41	59	29	41	8	11	21	30
Virginia	943	580	61	364	39	55	6	309	33
Washington	600	341	57	259	43	31	5	228	38
West Virginia	394	246	63	148	37	22	6	126	32
Wisconsin	848	461	54	387	46	47	6	340	40
Wyoming	165	103	62	62	38	12	7	50	30

Source: U.S. National Highway Traffic Safety Administration, *Traffic Safety Facts*, annual; and unpublished data. See Internet site <<http://www.nhtsa.dot.gov/people/Crash/Index.html>>.

Table 1093. Fatalities by Highest Blood Alcohol Concentration in the Crash: 1985 to 2003

[BAC means blood alcohol concentration; g/dl means grams per deciliter]

Item	1985	1990	1995	1999	2000	2001	2002	2003
Total fatalities	43,825	44,599	41,817	41,717	41,945	42,196	43,005	42,643
Fatalities in alcohol-related crashes	23,167	22,587	17,732	16,572	17,380	17,400	17,524	17,013
Percent	52.9	50.6	42.4	39.7	41.4	41.2	40.7	39.9
BAC = 0.01–0.07 g/dl:								
Number	3,081	2,980	2,490	2,321	2,511	2,542	2,432	2,383
Percent	7.0	6.7	6.0	5.6	6.0	6.0	5.7	5.6
BAC = 0.08 g/dl or more:								
Number	20,086	19,607	15,242	14,250	14,870	14,858	15,093	14,630
Percent	45.8	44.0	36.5	34.2	35.5	35.2	35.1	34.3
Fatalities with BAC = 0.00 g/dl:								
Number	20,659	22,012	24,085	25,145	24,565	24,796	25,481	25,630
Percent	47.1	49.4	57.6	60.3	58.6	58.8	59.3	60.1

Source: U.S. National Highway Traffic Safety Administration, *Traffic Safety Facts*, annual; and unpublished data. See Internet site <<http://www.nhtsa.dot.gov/people/Crash/Index.html>>.

Table 1094. Crashes by Crash Severity: 1990 to 2003

[6,471 represents 6,471,000. A crash is a police-reported event that produces injury and/or property damage, involves a vehicle in transport and occurs on a trafficway or while the vehicle is in motion after running off the trafficway]

Item	1990	1995	1997	1998	1999	2000	2001	2002	2003
Crashes (1,000)	6,471	6,699	6,624	6,335	6,279	6,394	6,323	6,316	6,328
Fatal	39.8	37.2	37.3	37.1	37.1	37.5	37.9	38.5	38.3
Nonfatal injury	2,122	2,217	2,149	2,029	2,054	2,070	2,003	1,929	1,925
Property damage only	4,309	4,446	4,438	4,269	4,188	4,286	4,282	4,348	4,365
Percent of total crashes:									
Fatal	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Nonfatal injury	32.8	33.1	32.4	32.0	32.7	32.4	31.7	30.5	30.4
Property damage only	66.6	66.4	67.0	67.4	66.7	67.0	67.7	68.8	69.0

Source: U.S. National Highway Safety Traffic Administration, *Traffic Safety Facts*, annual. See Internet site <<http://www.nhtsa.dot.gov/people/Crash/Index.html>>.

Table 1095. Alcohol Involvement for Drivers in Fatal Crashes: 1993 and 2003

[BAC = blood alcohol concentration]

Age, sex, and vehicle type	1993		2003	
	Number of drivers	Percentage with BAC of .08% or greater	Number of drivers	Percentage with BAC of .08% or greater
Total drivers involved in fatal crashes ¹	53,401	24	58,156	21
Drivers by age group:				
16 to 20 years old	7,256	18	7,693	19
21 to 24 years old	6,406	34	6,234	32
25 to 34 years old	13,038	32	11,218	27
35 to 44 years old	9,738	27	10,967	24
45 to 54 years old	5,970	18	8,972	19
55 to 64 years old	3,824	14	5,407	12
65 to 74 years old	3,031	8	3,094	8
75 years old and over	2,817	4	3,294	5
Drivers by sex:				
Male	39,556	27	42,314	24
Female	13,082	14	15,091	12
Drivers by vehicle type:				
Passenger cars	30,060	24	26,030	22
Light trucks	15,207	27	21,944	22
Large trucks	4,271	2	4,608	1
Motorcycles	2,471	38	3,749	29

¹ Includes age, sex, and types of vehicles unknown.

Source: U.S. National Highway Safety Traffic Administration, *Traffic Safety Facts*, annual. See Internet site <<http://www.nhtsa.dot.gov/people/Crash/Index.html>>.

Table 1096. Licensed Drivers and Number in Accidents by Age: 2003

[196,700 represents 196,700,000]

Age group	Licensed drivers		Drivers in accidents				Accidents per number of drivers	
	Number (1,000)	Percent	Fatal		All		Fatal ¹	All ²
			Number	Percent	Number (1,000)	Percent		
Total	196,700	100.0	54,000	100.0	20,000	100.0	27	10
19 years old and under	9,503	4.8	9,200	17.0	4,410	22.1	97	46
Under 16 years old	58	(Z)	600	1.1	170	0.9	(3)	(3)
16 years old	1,311	0.7	1,500	2.8	830	4.2	114	63
17 years old	2,239	1.1	2,100	3.9	1,100	5.5	94	49
18 years old	2,748	1.4	2,400	4.4	1,190	6.0	87	43
19 years old	3,147	1.6	2,600	4.8	1,120	5.6	83	36
20 to 24 years old	16,496	8.4	9,900	18.3	3,660	18.3	60	22
20 years old	3,322	1.7	2,400	4.4	1,050	5.3	72	32
21 years old	3,294	1.7	2,000	3.7	720	3.6	61	22
22 years old	3,221	1.6	2,000	3.7	680	3.4	62	21
23 years old	3,342	1.7	1,700	3.1	630	3.2	51	19
24 years old	3,317	1.7	1,800	3.3	580	2.9	54	17
25 to 34 years old	34,021	17.3	7,600	14.1	3,580	17.9	22	11
35 to 44 years old	40,876	20.8	9,100	16.9	3,150	15.8	22	8
45 to 54 years old	40,740	20.7	8,200	15.2	2,490	12.5	20	6
55 to 64 years old	26,168	13.3	4,300	8.0	1,400	7.0	16	5
65 to 74 years old	16,165	8.2	2,800	5.2	730	3.6	17	5
75 years old and over	12,731	6.5	2,900	5.4	580	2.9	23	5

^Z Less than 0.05. ¹ Per 100,000 licensed drivers. ² Per 100 licensed drivers. ³ Rates for drivers under age 16 are substantially overstated due to the high proportion of unlicensed drivers involved.

Source: National Safety Council, Itasca, IL, *Injury Facts, 2004*, (copyright). See Internet site <<http://www.nsc.org/>>.

Table 1097. Passenger Transit Industry—Summary: 1980 to 2003

[6,510 represents \$6,510,000,000. Includes Puerto Rico. Includes aggregate information for all transit systems in the United States. Excludes nontransit services such as taxicab, school bus, unregulated jitney, sightseeing bus, intercity bus, and special application mass transportation systems (e.g., amusement parks, airports, island, and urban park ferries). Includes active vehicles only]

Item	Unit	1980	1985	1990	1995	2000	2002	2003
Operating systems	Number	1,044	4,972	5,078	5,973	6,000	6,000	5,804
Motor bus systems	Number	1,040	2,631	2,688	2,250	2,262	2,264	1,982
Revenue vehicles, active	Number	75,388	94,368	93,553	116,473	131,918	135,706	139,139
Motor bus	Number	59,411	64,258	58,714	67,107	75,013	76,190	77,328
Commuter rail	Number	4,500	4,035	5,007	5,164	5,498	5,724	5,959
Demand response	Number	(NA)	14,490	16,471	29,352	33,080	34,699	35,954
Heavy rail	Number	9,641	9,326	10,419	10,157	10,591	10,718	10,754
Light rail	Number	1,013	717	913	999	1,577	1,445	1,482
Trolley bus	Number	823	676	832	885	951	600	672
Other	Number	(NA)	867	1,197	2,809	5,208	6,330	6,990
Operating funding, total	Mil. dol.	6,510	12,195	16,053	18,241	24,243	26,632	28,086
Passenger funding	Mil. dol.	2,557	4,575	5,891	6,801	8,746	8,649	9,153
Other operating funding ¹	Mil. dol.	248	702	895	2,812	4,217	4,602	5,083
Operating assistance	Mil. dol.	3,705	6,918	9,267	8,628	11,280	13,382	13,850
Federal	Mil. dol.	1,094	940	970	817	994	1,319	1,617
Local ²	Mil. dol.	2,611	5,979	5,327	3,981	5,319	5,344	5,577
State ²	Mil. dol.	(NA)	(NA)	2,970	3,830	4,967	6,719	6,656
Total expense	Mil. dol.	6,711	14,077	17,979	21,540	28,194	30,918	33,439
Operating expense	Mil. dol.	6,247	12,381	15,742	17,849	22,646	24,834	26,859
Vehicle operations	Mil. dol.	3,248	6,655	6,654	8,282	10,111	11,057	11,937
Maintenance	Mil. dol.	1,774	3,672	4,631	5,047	6,445	6,999	7,369
General administration	Mil. dol.	1,224	2,505	3,450	2,590	3,329	3,808	3,965
Purchased transportation	Mil. dol.	(NA)	549	1,008	1,930	2,761	2,970	3,588
Reconciling expense	Mil. dol.	464	1,696	2,237	3,691	5,548	6,084	6,580
Capital and planning grants, federal ³	Mil. dol.	2,787	2,559	2,428	5,534	7,366	7,323	7,390
Capital expenditures	Mil. dol.	(NA)	(NA)	(NA)	7,230	9,587	12,848	13,243
Vehicle-miles operated	Million	2,287	2,791	3,242	3,550	4,081	4,277	4,375
Motor bus	Million	1,677	1,863	2,130	2,184	2,315	2,411	2,421
Trolley bus	Million	13	16	14	14	14	14	14
Heavy rail	Million	385	451	537	537	595	621	630
Light rail	Million	18	17	24	35	53	61	64
Commuter rail	Million	179	183	213	238	271	284	286
Demand response	Million	(NA)	247	306	507	759	803	864
Other	Million	15	15	18	37	74	84	96
Passengers carried	Million	8,567	8,636	8,799	7,763	9,363	9,623	9,436
Motor bus	Million	5,837	5,675	5,677	4,848	5,678	5,868	5,692
Trolley bus	Million	142	142	126	119	122	116	109
Heavy rail	Million	2,108	2,290	2,346	2,033	2,632	2,688	2,667
Light rail	Million	133	132	175	251	320	337	338
Commuter rail	Million	280	275	328	344	413	414	410
Demand response	Million	(NA)	59	68	88	105	103	111
Other	Million	67	63	79	80	93	97	111
Avg. funding per passenger	Cents	29.8	53.0	66.9	87.6	93.4	89.0	97.0
Employees, number (avg.) ⁴	1,000	187	270	273	311	360	374	351
Payroll, employee	Mil. dol.	3,281	5,843	7,226	8,213	10,400	11,197	11,635
Fringe benefits, employee	Mil. dol.	1,353	2,868	3,986	4,484	5,413	6,247	6,914

NA Not available. ¹ Beginning 1995, includes taxes levied directly by transit agency and other dedicated funds, formerly included in Local. ² Includes other operating revenue, nonoperating revenue, and auxiliary income. Data for 1985 are state and local combined. ³ 1980, capital grants only. ⁴ Through 1990, represents employee equivalents of 2,080 hours = one employee; beginning 1995, equals actual employees.

Source: American Public Transportation Association, Washington, DC, *Public Transportation Fact Book*, annual. See Internet site <<http://www.apta.com/>>.

Table 1098. Transit Buses Equipped for Disabilities: 1995 to 2002

[Represents ADA (Americans with Disabilities Act of 1992) lift- or ramp-equipped buses. Includes buses of transit agencies receiving federal funding for bus purchases and buses of agencies not receiving federal funds that voluntarily report data to the Federal Transit Administration]

Item	1995	1996	1997	1998	1999	2000	2001	2002
Transit buses, total	57,322	57,369	58,975	60,830	63,618	65,324	67,379	68,418
Percent ADA equipped	61.7	66.8	69.4	76.1	80.5	83.6	87.2	91.4
Small buses, total ¹	5,372	5,998	6,853	7,147	8,265	8,850	9,622	9,822
Percent ADA equipped	84.5	87.8	90.4	91.6	93.4	94.5	95.2	99.2
Medium buses, total ¹	3,879	4,233	5,136	5,929	6,613	7,455	7,830	8,693
Percent ADA equipped	66.0	72.8	80.7	86.9	90.1	92.9	93.7	98.4
Large buses, total ¹	46,355	45,587	45,502	46,188	46,891	47,017	47,925	47,764
Percent ADA equipped	59.2	63.8	65.2	72.6	76.8	79.9	84.5	92.2
Articulated buses, total ¹	1,716	1,551	1,484	1,566	1,849	2,002	2,002	2,139
Percent ADA equipped	50.2	57.6	61.4	68.4	81.3	85.5	88.5	97.2

¹ Small buses have fewer than 25 seats; medium buses have 25 to 35 seats; large ones have more than 35 seats; articulated buses are extra-long and measure between 54 and 60 feet.

Source: U.S. Bureau of Transportation Statistics, *National Transportation Statistics*, annual. See Internet site <<http://www.bts.gov/publications/nts/index.html>>.

Table 1099. **Characteristics of Rail Transit by Transit Authority: 2002**

Mode and transit agency	Primary city served	States served	Directional route-miles ¹	Number of highway-rail crossings	Number of stations	Number of ADA-accessible stations ²
Total³	33	28	9,397.3	5,940	2,768	1,444
Heavy rail	11	12	1,572.0	27	994	366
Chicago Transit Authority	Chicago	IL	206.3	25	144	64
Greater Cleveland Regional Transit Authority	Cleveland	OH	38.1	-	18	9
L.A. County Metropolitan Transportation Authority	Los Angeles	CA	31.9	-	16	16
Maryland Transit Administration	Baltimore	MD	29.4	-	14	14
Massachusetts Bay Transportation Authority	Boston	MA	76.3	-	53	40
Metropolitan Atlanta Rapid Transit Authority	Atlanta	GA	96.1	-	38	38
Miami-Dade Transit Agency	Miami	FL	42.2	-	21	21
MTA New York City Transit	New York	NY	493.8	-	468	44
MTA Staten Island Railway	New York	NY	28.6	-	23	4
Port Authority Trans-Hudson Corp.	New York	NY, NJ	25.0	2	11	5
Port Authority Transit Corporation	Philadelphia	PA, NJ	31.5	-	13	5
San Francisco Bay Area Rapid Transit District	San Francisco	CA	190.1	-	39	39
Southeastern Pennsylvania Transportation Authority	Philadelphia	PA	76.1	-	53	13
Washington Metropolitan Area Transit Authority	Washington	DC, MD, VA	206.6	-	83	54
Commuter rail⁴	17	19	6,835.2	2,505	1,139	628
Alaska Railroad Corporation	Anchorage	AK	92.4	27	7	7
Altamont Commuter Express Authority	San Jose	CA	172.0	127	10	10
Central Puget Sound Regional Transit Authority	Seattle	WA	78.6	39	7	7
Connecticut Department of Transportation	New Haven	CT	101.2	3	8	8
Maryland Transit Administration	Baltimore	MD, DC, WV	400.4	40	40	19
Massachusetts Bay Transportation Authority	Boston	MA, RI	711.3	-	124	78
MTA Long Island Rail Road	New York	NY	638.2	402	124	99
MTA Metro-North Railroad	New York	NY, NJ, CT	545.7	162	109	29
New Jersey Transit Corporation	New York	NY, NJ, PA	975.2	329	162	46
North San Diego County Transit Development Board	San Diego	CA	82.2	8	8	8
NE Illinois Regional Commuter Rail Corporation	Chicago	IL, WI	940.4	512	227	131
Northern Indiana Commuter Trans District	Chicago	IL, IN	179.8	117	20	11
ON TRACK	Syracuse	NY	3.5	(NA)	3	3
Peninsula Corridor Joint Powers Board	San Francisco	CA	153.7	49	34	22
Pennsylvania Department of Transportation	Philadelphia	PA	144.4	7	4	3
South Florida Regional Transportation Authority	Miami	FL	142.2	72	18	18
Southeastern Pennsylvania Transportation Authority	Philadelphia	PA	449.2	116	153	48
Southern California Regional Rail Authority	Los Angeles	CA	768.8	438	51	51
Trinity Railway Express	Dallas	TX	69.5	34	9	9
Vermont Transportation Authority	Burlington	VT	25.0	(NA)	3	3
Virginia Railway Express	Washington	DC, VA	161.5	23	18	18

- Represents zero. NA Not available. ¹ The mileage in each direction over which public transportation vehicles travel while in revenue service. The mileage is computed without regard to the number of traffic lanes or rail tracks existing in the right-of-way. ² Number of stations that comply with the American with Disabilities Act of 1992 (ADA). Additional stations may be wheelchair-accessible, but not comply with other provisions of the ADA. ³ Includes light rail, not shown separately. ⁴ Excludes commuter-type services operated independently by AMTRAK.

Source: U.S. Bureau of Transportation Statistics, *State Transportation Statistics, 2004*. See Internet site <<http://www.bts.gov/publications/-/statetransportationprofiles/>>

Table 1100. Transit Ridership in 50 Largest Urbanized Areas: 2002

[Areas ranked by 2000 population size]

Urbanized area	2000 Population ¹		Annual unlinked passenger trips ² (mil.)	Percent distribution				
	Total (1,000)	Rank		Motor bus	Heavy rail ³	Light rail ⁴	Com-muter rail ⁵	Other ⁶
U.S. urbanized area total ⁷	195,984	(X)	9,017.8	58.4	29.8	3.7	4.6	3.4
Top 50, total	127,900	(X)	8,315.4	55.8	32.3	4.0	5.0	2.9
Atlanta, GA	3,500	11	162.3	49.1	50.7	-	-	0.2
Austin, TX	902	40	35.6	98.2	-	-	-	1.8
Baltimore, MD	2,076	18	114.1	79.6	12.5	7.7	2.6	0.6
Boston, MA-NH-RI	4,032	7	395.0	26.1	40.8	18.7	9.7	1.6
Bridgeport-Stamford, CT-NY	889	41	38.1	60.7	-	-	38.4	1.0
Buffalo, NY	977	38	24.5	76.1	-	23.6	-	0.2
Charlotte, NC-SC	759	47	16.6	96.6	-	-	-	3.4
Chicago, IL-IN	8,308	3	595.5	56.7	30.3	-	12.3	0.7
Cincinnati, OH-KY-IN	1,503	26	29.0	98.6	-	-	-	1.4
Cleveland, OH	1,787	21	64.4	82.5	11.2	4.8	-	1.6
Columbus, OH	1,133	36	16.5	97.9	-	-	-	2.1
Dallas-Fort Worth-Arlington, TX	4,146	6	80.8	77.7	-	17.0	2.7	2.7
Denver-Aurora, CO	1,985	20	80.9	86.1	-	12.9	-	1.0
Detroit, MI	3,903	9	53.8	94.1	-	0.1	-	5.8
Hartford, CT	852	45	19.2	95.6	-	-	1.5	2.8
Houston, TX	3,823	10	96.9	97.8	-	-	-	2.2
Indianapolis, IN	1,219	33	10.2	96.9	-	-	-	3.1
Jacksonville, FL	882	43	9.3	86.7	-	-	-	13.3
Kansas City, MO-KS	1,362	29	15.2	96.3	-	-	-	3.7
Las Vegas, NV	1,314	31	52.1	98.6	-	-	-	1.4
Los Angeles-Long Beach-Santa Ana, CA	11,789	2	646.9	87.8	5.3	5.0	0.9	0.9
Louisville, KY-IN	864	44	15.0	97.5	-	-	-	2.5
Memphis, TN-MS-AR	972	39	13.0	81.9	-	16.5	-	1.6
Miami, FL	4,919	5	126.2	81.3	10.9	-	2.0	5.8
Milwaukee, WI	1,309	32	65.6	98.1	-	-	-	1.9
Minneapolis-St. Paul, MN	2,389	16	75.1	97.5	-	-	-	2.5
Nashville-Davidson, TN	750	48	7.1	98.4	-	-	-	1.6
New Orleans, LA	1,009	37	61.1	85.5	-	8.8	-	5.7
New York-Newark, NY-NJ-CT	17,800	1	3,373.3	40.1	52.2	0.2	6.6	0.9
Oklahoma City, OK	747	49	6.0	97.5	-	-	-	2.5
Orlando, FL	1,157	35	24.8	94.8	-	-	-	5.2
Philadelphia, PA-NJ-DE-MD	5,149	4	332.5	52.5	28.3	6.8	9.7	2.8
Phoenix-Mesa, AZ	2,907	13	44.5	96.5	-	-	-	3.5
Pittsburgh, PA	1,753	22	77.5	85.5	-	9.7	-	4.8
Portland, OR-WA	1,583	23	106.7	72.5	-	26.5	-	1.0
Providence, RI-MA	1,175	34	16.6	89.7	-	-	4.7	5.6
Richmond, VA	819	46	14.5	97.8	-	-	-	2.2
Riverside-San Bernardino, CA	1,507	25	26.1	90.3	-	-	6.1	3.6
Sacramento, CA	1,393	28	28.6	68.9	-	29.9	-	1.2
Salt Lake City, UT	888	42	28.3	61.9	-	34.4	-	3.6
San Antonio, TX	1,328	30	45.2	97.7	-	-	-	2.3
San Diego, CA	2,674	15	97.4	70.3	-	26.1	1.6	2.0
San Francisco-Oakland, CA	3,229	12	438.3	45.1	22.2	10.9	1.0	20.8
San Jose, CA	1,538	24	59.0	77.3	-	13.2	7.7	1.7
Seattle, WA	2,712	14	140.2	66.8	-	0.3	0.6	32.4
St. Louis, MO-IL	2,078	17	49.6	68.7	-	29.6	-	1.7
Tampa-St. Petersburg, FL	2,062	19	20.3	98.0	-	-	-	2.0
Tucson, AZ	720	50	15.5	98.2	-	-	-	1.8
Virginia Beach, VA	1,394	27	17.6	95.5	-	-	-	4.5
Washington, DC-VA-MD	3,934	8	432.8	42.3	56.1	-	1.3	0.3
Top 50 as percent of total	65	(X)	92.2	88.0	100.0	100.0	100.0	77.5

- Represents zero. X Not applicable. ¹ As of April 1. Based on the 2000 decennial census. ² The number of times passengers board public transportation vehicles. ³ Also called metro, subway, rapid transit, or rapid rail. ⁴ Also called streetcar, tramway, or trolley. ⁵ Also called metropolitan rail or regional rail. ⁶ Includes such modes as trolley bus, ferry, cable car, vanpool, and demand response. ⁷ Includes Puerto Rico.

Source: U.S. Bureau of Transportation Statistics, *State Transportation Statistics, 2004*. See Internet site <<http://www.bts.gov/publications/statetransportationprofiles/>>.

Table 1101. Truck Transportation, Couriers and Messengers, and Warehousing and Storage—Estimated Revenue: 2000 to 2003

[In millions of dollars (234,749 represents \$234,749,000,000). For taxable employer firms. Estimates have been adjusted to the results of the 1997 Economic Census. Based on the North American Industry Classification System, 1997; see text, Section 15]

Kind of business	1997 NAICS code ¹	2000	2002	2003
Selected transportation and warehousing industries	48, 49	234,749	235,478	242,067
Truck transportation	484	168,621	167,308	171,539
General freight trucking	4841	106,277	108,474	111,445
General freight trucking, local	48411	15,152	15,240	16,356
General freight trucking, long-distance	48412	91,125	93,234	95,089
General freight trucking, long-distance, truckload	484121	61,909	65,397	68,767
General freight trucking, long-distance, less than truckload	484122	29,216	27,837	26,322
Specialized freight trucking	4842	62,344	58,834	60,093
Used household and office goods moving	48421	15,875	13,851	14,071
Specialized freight (except used goods) trucking, local	48422	25,332	25,877	26,433
Specialized freight (except used goods) trucking, long-distance	48423	21,138	19,106	19,589
Couriers and messengers	492	52,686	52,932	54,409
Couriers	4921	48,258	48,888	50,378
Local messengers and local delivery	4922	4,428	4,044	4,031
Warehousing and storage	493	13,442	15,238	16,119
General warehousing and storage	49311	7,004	8,205	8,728
Refrigerated warehousing and storage	49312	2,653	2,698	2,732
Farm product warehousing and storage	49313	647	636	624
Other warehousing and storage	49319	3,139	3,699	4,035

¹ Based on the 1997 North American Industry Classification System; see text Section 15.

Source: U.S. Census Bureau, "2003 Service Annual Survey, Truck Transportation, Messenger Services and Warehousing." Internet site: <<http://www.census.gov/econ/www/servmenu.html>> (issued December 04).

Table 1102. Truck Transportation—Summary: 2000 to 2003

[In millions of dollars (168,621 represents \$168,621,000,000). For taxable employer firms. Covers NAICS 484. Estimates have been adjusted to the results of the 1997 Economic Census. Based on the North American Industry Classification System, 1997; see text, Section 15]

Item	2000	2001	2002	2003
Total operating revenue	168,621	165,994	167,308	171,539
Total motor carrier revenue	157,223	155,418	156,650	161,066
Local trucking ¹	51,854	52,071	53,224	56,235
Long-distance trucking ¹	105,369	103,347	103,427	104,831
Size of shipments:				
Less-than-truckload	44,692	44,496	45,405	45,871
Truckload	112,531	110,923	111,245	115,195
Commodities handled:				
Agricultural and fish products	12,026	11,739	11,103	12,794
Grains, alcohol, and tobacco products	5,608	6,278	7,229	7,018
Stone, nonmetallic minerals, and metallic ores	10,292	10,629	11,238	11,778
Coal and petroleum products	5,877	6,045	5,961	6,297
Pharmaceutical and chemical products	9,074	8,245	7,692	8,135
Wood products, textiles, and leathers	15,792	16,132	15,015	15,598
Base metal and machinery	12,265	12,161	13,100	12,827
Electronic, motorized vehicles, and precision instruments	9,682	9,723	11,239	10,805
Used household and office goods	10,261	9,639	8,671	8,958
New furniture and miscellaneous manufactured products	14,979	15,276	15,755	15,752
Other goods	51,368	49,554	49,649	51,105
Hazardous materials	9,854	9,611	9,570	9,471
Origin and destination of shipments:				
U.S. to U.S.	151,350	150,196	151,698	155,918
U.S. to Canada	1,713	1,580	1,605	1,662
U.S. to Mexico	1,246	1,129	1,079	1,106
Canada to U.S.	1,187	1,034	978	1,031
Mexico to U.S.	1,079	950	754	823
All other destinations	647	531	537	526
Inventory of revenue generating equipment (1,000):				
Trucks	210	211	217	218
Owned	178	179	193	192
Leased	33	32	23	26
Truck-tractors	935	955	908	891
Owned	790	813	762	748
Leased	145	142	147	143
Trailers	1,923	1,991	1,903	1,888
Owned	1,599	1,668	1,614	1,607
Leased	324	323	301	282
Highway miles traveled (mil.):				
Total	86,252	86,350	86,938	86,484
By loaded or partially loaded vehicles	68,404	68,625	68,850	69,252

¹ Local trucking is the carrying of goods within a single metro area and its adjacent nonurban areas; long-distance trucking is the carrying of goods between metro areas.

Source: U.S. Census Bureau, "2003 Service Annual Survey, Truck Transportation, Messenger Services and Warehousing." Internet site: <<http://www.census.gov/econ/www/servmenu.html>> (issued December 04).

Table 1103. Railroads, Class I—Summary: 1990 to 2003

[As of December 31, or calendar year data, except as noted (216 represents 216,000). Compiled from annual reports of Class I railroads only, except where noted. Minus sign (-) indicates deficit]

Item	Unit	1990	1995	1998	1999	2000	2001	2002	2003
Class-I line-hauling companies ¹	Number	14	11	9	9	8	8	7	7
Employees ²	1,000	216	188	178	178	168	162	157	155
Compensation	Mil. dol.	8,654	9,070	9,938	9,603	9,623	9,430	9,387	9,576
Average per hour	Dollars	15.83	19	21.3	21	21.5	22.1	22.7	23.4
Average per year	Dollars	39,987	48,188	55,764	54,082	57,157	58,153	59,650	61,920
Mileage:									
Railroad line-owned ³	1,000	146	137	132	122	121	119	118	117
Railroad track-owned ⁴	1,000	244	228	224	207	205	204	200	200
Equipment:									
Locomotives in service	Number	18,835	18,812	20,261	20,256	20,028	19,745	20,506	20,774
Average horsepower	1,000 lb.	2,665	2,927	3,126	3,200	3,261	3,275	3,378	3,415
Cars in service:									
Freight train ⁵	1,000	1,212	1,219	1,316	1,369	1,381	1,314	1,300	1,279
Freight cars ⁶	1,000	659	583	576	579	560	500	478	467
Income and expenses:									
Operating revenues	Mil. dol.	28,370	32,279	33,151	33,521	34,102	34,576	35,327	36,639
Operating expenses	Mil. dol.	24,652	27,897	27,916	28,011	29,400	29,164	29,592	31,440
Net revenue from operations	Mil. dol.	3,718	4,383	5,235	5,510	5,062	5,412	5,735	5,199
Income before fixed charges	Mil. dol.	4,627	5,016	5,803	6,001	5,361	5,517	6,179	5,220
Provision for taxes ⁷	Mil. dol.	1,088	1,556	1,573	1,664	1,430	1,614	1,823	1,494
Ordinary income	Mil. dol.	1,961	2,439	2,807	2,976	2,501	2,740	3,201	2,683
Net income	Mil. dol.	1,977	2,324	2,807	2,971	2,500	2,740	3,201	2,687
Net railway operating income	Mil. dol.	2,648	2,858	3,698	4,047	3,924	4,111	4,248	4,078
Total taxes ⁸	Mil. dol.	3,780	4,075	4,411	4,459	4,379	4,673	4,724	4,316
Indus. return on net investment	Percent	8.1	7	7	6.9	6.5	6.9	7	6.3
Gross capital expenditures	Mil. dol.	3,591	5,720	7,357	6,193	5,290	5,113	5,605	5,989
Equipment	Mil. dol.	996	2,343	2,321	2,183	1,508	1,013	1,021	1,300
Roadway and structures	Mil. dol.	2,644	3,651	4,875	4,446	4,549	4,421	4,645	4,561
Other	Mil. dol.	-49	-275	161	-436	-767	-321	-61	128
Balance sheet:									
Total property investment	Mil. dol.	70,348	86,186	102,171	103,424	106,136	108,588	117,770	122,902
Accrued depreciation and amortization	Mil. dol.	22,222	23,439	23,338	23,177	23,989	24,635	26,649	29,215
Net investment	Mil. dol.	48,126	62,746	78,832	80,247	82,147	83,953	91,121	93,686
Shareholder's equity	Mil. dol.	23,662	31,419	32,976	30,478	32,401	34,822	39,675	41,151
Net working capital	Mil. dol.	-3,505	-2,634	-4,443	-4,834	-5,783	-6,282	-6,037	-6,750
Cash dividends	Mil. dol.	2,074	1,518	1,521	2,084	819	2,120	870	1,406
AMTRAK passenger traffic:									
Passenger revenue	Mil. dol.	941.9	734.1	821.5	1,067.8	1,201.6	1,299.9	1,304.3	1,421.1
Revenue-passengers carried	1,000	22,382	20,349	21,248	21,544	22,985	23,444	23,269	24,595
Revenue-passenger miles	Million	6,125	5,401	5,325	5,289	5,574	5,571	5,314	5,680
Averages:									
Revenue per passenger	Dollars	42.1	36.1	38.7	49.6	52.3	55.4	56.1	57.8
Revenue per passenger mile	Cents	15.4	13.6	15.4	20.2	21.6	23.3	24.5	25.0
Freight service:									
Freight revenue	Mil. dol.	24,471	31,356	32,247	32,680	33,083	33,533	34,110	35,413
Per ton-mile	Cents	2.7	2.4	2.4	2.3	2.3	2.2	2.3	2.3
Per ton originated	Dollar	19.3	20.2	19.6	19.0	19.0	19.3	19.3	19.7
Revenue-tons originated	Million	1,425	1,550	1,649	1,717	1,738	1,742	1,767	1,799
Revenue-tons carried	Million	2,024	2,322	2,158	2,155	2,179	2,187	2,207	2,240
Tons carried one mile	Billion	1,034	1,306	1,377	1,433	1,466	1,495	1,507	1,551
Average miles of road operated	1,000	133	125	120	121	121	121	123	122
Revenue ton-miles per mile of road	1,000	7,763	10,439	11,491	11,848	12,156	12,358	12,245	12,686
Revenue per ton-mile	Cents	3	2	2	2	2	2	2	2
Train miles	Million	380	458	475	490	504	500	500	516
Net ton-miles per train-mile ⁹	Number	2,755	2,870	2,923	2,947	2,923	3,005	3,030	3,024
Net ton-miles per loaded car-mile ⁹	Number	69.1	73.6	73.2	73.8	73.1	72.4	71.5	71.4
Train-miles per train-hour	Miles	23.7	21.8	19	20	21	21	21	20
Haul per ton, U.S. as a system	Miles	726	843	835	835	843	858	853	862
Accidents/incidents: ¹⁰									
Casualties—all railroads:									
Persons killed	Number	1,297	1,146	1,008	932	937	971	951	865
Persons injured	Number	25,143	14,440	11,459	11,700	11,643	10,985	11,103	9,151
Class-I railroads:									
Persons killed	Number	1,166	994	900	808	778	805	796	738
Persons injured	Number	19,284	9,571	7,532	7,805	7,655	7,232	7,722	5,878

¹ See text, this section, for definition of Class I. ² Average midmonth count. ³ Represents the aggregate length of roadway of all line-haul railroads. Excludes yard tracks, sidings, and parallel lines. ⁴ Includes estimate for Class-II and -III railroads. ⁵ Includes multiple main tracks, yard tracks, and sidings owned by both line-haul and switching and terminal. (Includes estimate for Class-II and -III railroads). ⁶ Includes cars owned by all railroads, private car companies, and shippers. ⁷ Class-I railroads only. ⁸ Includes State income taxes. ⁹ Includes payroll, income, and other taxes. ¹⁰ Revenue and nonrevenue freight. ¹⁰ Source: Federal Railroad Admin., *Accident Bulletin*, annual. Includes highway grade crossing casualties. See Internet site <<http://www.fra.dot.gov/>>.

Source: Except as noted, Association of American Railroads, Washington, DC, *Railroad Facts, Statistics of Railroads of Class-I, annual*, and *Analysis of Class-I Railroads*, annual. See Internet site <<http://www.aar.org/AboutTheIndustry/AboutTheIndustry.asp>>.

Table 1104. Railroads, Class-I Cars of Revenue Freight Loaded, 1970 to 2004, and by Commodity Group, 2003 and 2004

[In thousands (27,160 represents 27,160,000). Figures are 52-week totals]

Year	Car-loads ¹	Commodity group	Carloads		Commodity group	Carloads	
			2003 ³	2004 ³		2003 ³	2004 ³
1970	27,160	Coal	6,633	6,821	Metals and products	599	644
1980	22,598	Metallic ores	252	257	Stone, clay, and glass products	513	527
1990	16,177	Chemicals, allied products	1,464	1,522	Crushed stone, gravel, sand	891	938
1995 ²	16,706	Grain	1,095	1,126	Nonmetallic minerals	381	391
1997 ²	16,568	Motor vehicles and equipment	1,217	1,181	Waste and scrap materials	472	515
1998 ²	16,914	Pulp, paper, allied products	442	446	Lumber, wood products	277	297
1999 ²	16,407	Primary forest products	186	173	Coke	248	278
2000	16,354	Food and kindred products	433	420	Petroleum products	282	298
2001 ³	16,286	Grain mill products	471	462	All other carloads	304	301
2002 ³	16,101						
2003 ³	16,159						
2004 ³	16,598						

¹ Beginning 1990 excludes intermodal. ² Excludes 2 Class-I railroads. ³ Excludes 3 Class-I railroads. 2004 data preliminary.

Source: Association of American Railroads, Washington, DC, *Weekly Railroad Traffic*, annual. See Internet site <<http://www.aar.org/AboutTheIndustry/AboutTheIndustry.asp>>.

Table 1105. Railroads, Class-I Line-Haul-Revenue Freight Originated by Commodity Group: 1990 to 2004

[21,401 represents 21,401,000]

Commodity group	1990	1995	1998	1999	2000	2001	2002	2003	2004
Carloads (1,000)¹	21,401	23,726	25,705	27,096	27,763	27,205	27,901	28,870	30,095
Farm products	1,689	1,692	1,404	1,477	1,437	1,461	1,471	1,519	1,519
Metallic ores	508	463	311	295	322	251	328	331	339
Coal	5,912	6,095	7,027	6,965	6,954	7,295	7,088	7,037	7,102
Nonmetallic minerals	1,202	1,159	1,256	1,306	1,309	1,280	1,310	1,370	1,430
Food and kindred products	1,307	1,377	1,282	1,354	1,377	1,446	1,472	1,478	1,461
Lumber and wood products	780	719	645	673	648	603	619	612	616
Pulp, paper, allied products	611	628	547	612	633	601	646	667	669
Chemicals, allied products	1,531	1,642	1,653	1,814	1,820	1,777	1,866	1,913	1,981
Petroleum and coal products	573	596	510	543	565	547	533	606	651
Stone, clay, and glass products	539	516	475	538	541	528	559	581	594
Primary metal products	477	575	644	682	723	642	656	648	701
Fabricated metal products	31	32	27	27	30	51	38	36	39
Machinery, exc. electrical	39	41	37	34	35	46	38	38	45
Transportation equipment	1,091	1,473	1,671	1,896	1,984	1,777	1,831	1,811	1,849
Waste and scrap materials	439	623	581	624	619	591	617	651	725
Tons (mil.)¹	1,425	1,550	1,649	1,717	1,738	1,742	1,767	1,799	1,844
Farm products	147	154	129	139	136	137	138	141	142
Metallic ores	47	44	31	29	32	25	31	33	33
Coal	579	627	749	751	758	801	785	784	792
Nonmetallic minerals	109	110	120	125	126	123	126	133	140
Food and kindred products	81	91	87	92	94	98	102	102	100
Lumber and wood products	53	51	47	50	49	46	48	47	47
Pulp, paper, allied products	33	36	31	35	36	34	37	39	38
Chemicals, allied products	126	138	139	154	155	150	157	162	167
Petroleum and coal products	40	43	38	40	42	42	42	49	54
Stone, clay, and glass products	44	43	41	47	48	46	49	51	53
Primary metal products	38	47	53	56	60	53	55	54	59
Fabricated metal products	1	1	1	1	1	1	1	1	1
Machinery, exc. electrical	1	1	1	1	1	1	1	1	1
Transportation equipment	23	30	36	40	42	37	38	36	37
Waste and scrap materials	28	38	36	40	40	37	39	41	46
Gross revenue (mil. dol.)¹	29,775	33,782	34,898	35,441	36,331	36,063	36,742	38,434	41,622
Farm products	2,422	3,020	2,529	2,720	2,673	2,741	2,711	2,870	3,176
Metallic ores	408	394	373	336	338	288	285	289	317
Coal	6,954	7,356	7,997	7,739	7,794	8,181	7,797	7,890	8,418
Nonmetallic minerals	885	875	920	955	969	945	967	1,041	1,131
Food and kindred products	2,188	2,464	2,378	2,400	2,424	2,579	2,657	2,760	2,892
Lumber and wood products	1,390	1,385	1,487	1,528	1,524	1,519	1,628	1,745	1,924
Pulp, paper, allied products	1,486	1,543	1,472	1,457	1,526	1,457	1,567	1,646	1,730
Chemicals, allied products	3,933	4,553	4,610	4,616	4,636	4,504	4,658	4,779	5,100
Petroleum and coal products	918	997	991	980	1,010	1,014	1,026	1,123	1,268
Stone, clay, and glass products	931	1,044	1,056	1,089	1,113	1,090	1,149	1,211	1,323
Primary metal products	979	1,199	1,304	1,289	1,371	1,292	1,288	1,349	1,518
Fabricated metal products	42	44	37	38	48	65	61	47	50
Machinery, exc. electrical	67	69	64	55	61	73	61	60	72
Transportation equipment	3,100	3,269	3,339	3,582	3,843	3,590	3,731	3,707	3,746
Waste and scrap materials	504	685	693	689	706	685	717	799	956

¹ Includes commodity groups and small packaged freight shipments, not shown separately.

Source: Association of American Railroads, Washington, DC, *Freight Commodity Statistics*, annual. See Internet site <<http://www.aar.org/AboutTheIndustry/AboutTheIndustry.asp>>.

Table 1106. Railroad Freight—Producer Price Indexes: 1990 to 2004

[Dec. 1984 = 100. Reflects prices for shipping a fixed set of commodities under specified and unchanging conditions]

Commodity	1990	1995	1999	2000	2001	2002	2003	2004
Railroad line-haul operating . . .	107.5	111.7	113.0	114.5	116.6	118.9	121.4	126.1
Coal	104.2	107.3	107.3	108.7	110.6	110.1	111.4	113.3
Farm products	110.4	115.6	121.7	123.1	124.5	125.5	132.1	146.1
Food products	105.4	111.2	99.7	100.4	102.8	102.7	101.7	107.4
Metallic ores	106.5	101.9	103.8	105.9	107.0	107.0	105.9	109.9
Chemicals and allied products	111.7	120.0	119.1	121.3	122.3	126.2	131.7	139.7
Nonmetallic minerals	111.7	119.5	121.7	122.1	123.0	124.3	125.7	131.4
Lumber and wood products	107.5	110.0	109.8	109.0	112.2	120.5	123.3	131.5
Transportation equipment	107.5	112.8	113.3	112.6	118.7	130.5	136.6	141.7
Pulp, paper, and allied products	108.0	108.7	115.5	119.0	122.4	122.4	124.4	130.6
Primary metal products	113.1	115.6	118.4	124.1	128.8	132.5	136.1	141.2
Stone, clay, glass, and concrete products	114.1	121.4	122.6	128.7	129.0	124.3	127.1	132.8
Petroleum and coal products	109.2	114.3	123.0	124.6	126.8	127.5	129.6	132.1

Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes*, monthly and annual. See Internet site <<http://www.bls.gov/ppi/>>.

Table 1107. Petroleum Pipeline Companies—Characteristics: 1980 to 2003

[173 represents 173,000. Covers pipeline companies operating in interstate commerce and subject to jurisdiction of the Federal Energy Regulatory Commission]

Item	Unit	1980	1985	1990	1995	1999	2000	2001	2002	2003
Miles of pipeline, total . . .	1,000	173	171	168	177	154	152	155	150	140
Gathering lines	1,000	36	35	32	35	20	18	17	16	14
Trunk lines	1,000	136	136	136	142	134	134	138	133	126
Total deliveries	Mil. bbl.	10,600	10,745	11,378	12,862	13,317	14,450	13,352	13,343	13,236
Crude oil	Mil. bbl.	6,405	6,239	6,563	6,952	7,551	6,923	7,082	7,019	6,941
Products	Mil. bbl.	4,195	4,506	4,816	5,910	5,766	7,527	6,270	6,324	6,295
Total trunk line traffic . . .	Bil. bbl-miles . . .	3,405	3,342	3,500	3,619	3,738	3,508	3,505	3,563	3,591
Crude oil	Bil. bbl-miles . . .	1,948	1,842	1,891	1,899	1,815	1,602	1,566	1,620	1,609
Products	Bil. bbl-miles . . .	1,458	1,500	1,609	1,720	1,923	1,906	1,939	1,943	1,982
Carrier property value . . .	Mil. dol.	19,752	21,605	25,828	27,460	33,780	29,648	32,148	32,605	32,018
Operating revenues	Mil. dol.	6,356	7,461	7,149	7,711	7,220	7,483	7,730	7,812	7,704
Net income	Mil. dol.	1,912	2,431	2,340	2,670	2,928	2,705	3,007	3,409	3,470

Source: PennWell Publishing Co., Houston, Texas, *Oil & Gas Journal*, annual (copyright).

Table 1108. U.S. Postal Service Rates for Letters and Postcards: 1958 to 2002

[Domestic airmail letters discontinued in 1973 at 13 cents per ounce; superseded by express mail. Prior to February 3, 1991, international airmail rates were based on international zones which have been discontinued. Rates exclude Canada and Mexico]

Domestic mail date rate of change	Surface mail				International air mail date of rate change	Letters			Post-cards	Aero-grammes	
	Letters			Post-cards		Express mail	First 1/2 ounce	Sec-ond 1/2 ounce			Each added 1/2 ounce
	Each ounce	First ounce	Each added ounce								
1958 (Aug. 1) . . .	0.04	(X)	(X)	0.03	(X)	1961 (July 1) . . .	(X)	(X)	(X)	0.11	0.11
1963 (Jan. 7) . . .	0.05	(X)	(X)	0.04	(X)	1967 (May 1) . . .	(X)	(X)	(X)	0.13	0.13
1968 (Jan. 7) . . .	0.06	(X)	(X)	0.05	(X)	1971 (July 1) . . .	(X)	(X)	(X)	0.13	0.13
1971 (May 16) . . .	0.08	(X)	(X)	0.06	(X)	1974 (Mar. 2) . . .	(X)	(X)	(X)	0.18	0.18
1974 (Mar. 2) . . .	0.10	(X)	(X)	0.08	(X)	1976 (Jan. 3) . . .	(X)	(X)	(X)	0.21	0.22
1975 (Sept. 14) . . .	(X)	0.10	0.09	0.07	(X)	1981 (Jan. 1) . . .	(X)	(X)	(X)	0.28	0.30
1975 (Dec. 31) . . .	² (X)	² 0.13	² 0.11	² 0.09	(X)	1985 (Feb. 17) . . .	(X)	(X)	(X)	0.33	0.36
1978 (May 29) . . .	(X)	0.15	0.13	0.10	(X)	1988 (Apr. 17) . . .	(X)	(X)	(X)	0.36	0.39
1981 (Mar. 22) . . .	(X)	0.18	0.17	0.12	(X)	1991 (Feb. 3) . . .	0.50	0.45	³ 0.39	0.40	0.45
1981 (Nov. 1) . . .	(X)	0.20	0.17	0.13	9.35	1995 (July 9) . . .	0.60	³ 0.40	(X)	0.40	0.45
1985 (Feb. 17) . . .	(X)	0.22	0.17	0.14	10.75	1999 (Jan. 10) . . .	0.60	³ 0.40	(X)	0.50	0.50
1988 (Apr. 3) . . .	(X)	0.25	0.20	0.15	412.00	2001 (Jan. 7) . . .	³ 0.80	^{3.5} 1.70	(X)	0.70	0.70
1991 (Feb. 3) . . .	(X)	0.29	0.23	0.19	413.95	2002 (June 30) . . .	³ 0.80	³ 1.70	(X)	0.70	0.70
1995 (Jan. 1) . . .	(X)	0.32	0.23	0.20	415.00						
1999 (Jan. 10) . . .	(X)	0.33	0.22	0.20	415.75						
2001 (Jan. 7) . . .	(X)	0.34	0.21	0.20	416.00						
2002 (June 30) . . .	(X)	0.37	0.23	0.23	417.85						

X Not applicable. ¹ Post Office to addressee rates. Rates shown are for weights up to 2 pounds, all zones. Beginning Feb. 17, 1985, for weights between 2 and 5 lbs. \$12.85 is charged. Prior to Nov. 1, 1981, rate varied by weight and distances. Over 5 pounds still varies by distance. ² As of October 11, 1975, surface mail service upgraded to level of airmail. ³ Up to the limit of 64 ounces. ⁴ Over 8 ounces and up to 2 pounds. ⁵ The rate increments changed to 1 ounce.

Source: U.S. Postal Service, United States Domestic Postage Rate: Recent History, and unpublished data. See Internet site <<http://www.usps.com/common/category/postage.htm>>.

Table 1109. U.S. Postal Service—Summary: 1980 to 2004

[106,311 represents 106,311,000,000. For years ending September 30. Includes Puerto Rico and all outlying areas. See text, this section]

Item	1980	1990	1995	2000	2002	2003	2004
Offices, stations, and branches	39,486	40,067	39,149	38,060	37,683	37,579	37,159
Number of post offices	30,326	28,959	28,392	27,876	27,791	27,556	27,505
Number of stations and branches	9,160	11,108	10,757	10,184	9,892	10,023	9,654
Delivery Points (mil.)	(NA)	(NA)	(NA)	135.9	139.5	141.4	142.3
Residential	(NA)	(NA)	(NA)	123.9	127.0	128.7	129.6
City	(NA)	(NA)	(NA)	76.1	77.0	77.5	78.0
P.O. Box	(NA)	(NA)	(NA)	15.9	15.8	15.7	15.6
Rural/highway contract	(NA)	(NA)	(NA)	31.9	34.2	35.5	36.0
Business	(NA)	(NA)	(NA)	12.1	12.5	12.7	12.7
Pieces of mail handled (mil.)	106,311	166,301	180,734	207,882	202,822	202,185	206,106
Domestic ¹	105,348	165,503	179,933	206,782	201,918	201,380	205,262
First class mail ²	60,276	89,270	96,296	103,526	102,379	99,059	97,926
Express Mail	17	59	57	71	61	56	54
Priority Mail	248	518	869	1,223	998	860	849
Periodicals (formerly 2d class)	10,220	10,680	10,194	10,365	9,690	9,320	9,135
Standard Mail (formerly Standard A)	30,381	63,725	71,112	90,057	87,231	90,492	95,564
Package Services (formerly Standard B)	633	663	936	1,128	1,075	1,129	1,132
Mailgram	39	14	5	4	3	3	2
U.S. Postal Service	(NA)	538	412	363	425	392	529
Free for the blind	28	35	52	47	57	70	71
International economy mail (surface)	450	166	106	79	39	30	26
International airmail	513	632	696	1,021	865	775	818
Employees, total (1,000)	667	843	875	901	854	827	808
Career	643	761	753	788	753	729	708
Headquarters	3	2	2	2	2	2	3
Headquarters support	(NA)	6	4	6	4	4	3
Inspection Service	5	4	4	4	4	4	4
Inspector General	(X)	(X)	(X)	1	1	1	1
Field Career	635	747	745	775	743	719	697
Postmasters	29	27	27	26	26	26	26
Supervisors/managers	36	43	35	39	38	35	34
Professional, administrative, and technical	5	10	11	10	10	9	9
Clerks	263	290	274	282	257	242	226
Mail handlers	37	51	57	61	59	57	55
City carriers	187	236	240	241	234	229	228
Motor vehicle operators	6	7	8	9	9	9	9
Rural carriers	33	42	46	57	61	62	63
Special delivery messengers	3	2	2	(X)	(X)	(X)	(X)
Building and equipment maintenance	27	33	38	42	42	41	40
Vehicle maintenance	5	5	5	6	6	6	6
Other ³	4	1	2	2	2	2	2
Noncareer	25	83	122	114	101	98	100
Casuals	5	27	26	30	19	17	21
Transitional	(X)	(X)	32	13	13	11	10
Rural substitutes	20	43	50	58	56	56	56
Relief/Leave replacements	(X)	12	13	12	12	12	12
Nonbargaining temporary	(X)	(Z)	1	1	1	1	1
Compensation and employee benefits (mil. dol.)	16,541	34,214	41,931	49,532	51,557	50,428	52,134
Average salary per employee (dol.) ⁴	24,799	37,570	45,001	50,103	54,225	57,051	60,261
Pieces of mail per employee, (1,000)	159	197	207	231	237	244	255
Total revenue (mil. dol.) ⁵	19,253	40,074	54,509	64,540	66,463	68,529	68,996
Operating postal revenue	17,143	39,201	54,176	64,476	66,415	68,498	68,960
Mail revenue ⁶	16,377	37,892	52,490	62,284	63,761	65,701	65,869
First class mail	10,146	24,023	31,955	35,516	36,483	37,048	36,377
Priority mail ⁷	612	1,555	3,075	4,837	4,723	4,494	4,421
Express mail ⁸	184	630	711	996	911	888	852
Mailgram	15	8	2	2	1	1	1
Periodicals (formerly 2d class)	863	1,509	1,972	2,171	2,165	2,235	2,192
Standard Mail (formerly Standard A)	2,412	8,082	11,792	15,193	15,819	17,231	18,123
Package Services (formerly Standard B)	805	919	1,525	1,912	2,080	2,216	2,207
International economy mail (surface)	154	222	205	180	150	146	145
International airmail	442	941	1,254	1,477	1,429	1,441	1,551
Service revenue	765	1,310	1,687	2,191	2,655	2,798	3,091
Registry ⁹	157	174	118	98	87	82	75
Certified ⁹	120	310	560	385	606	624	630
Insurance ⁹	55	47	52	109	135	138	128
Collect-on-delivery	21	26	21	22	14	11	11
Special delivery ¹⁰	73	6	3	(X)	(X)	(X)	(X)
Money orders	95	155	196	235	239	231	231
Other ⁹	244	592	737	1,342	1,574	1,711	2,017
Operating expenses (mil. dol.) ¹¹	19,413	40,490	50,730	62,992	65,234	63,902	65,851

NA Not available. X Not applicable. Z Fewer than 500. ¹ Data for 1980 includes penalty and franked mail, not shown separately. ² Items mailed at 1st class rates and weighing 11 ounces or less. ³ Includes discontinued operations, area offices, and nurses. ⁴ For career bargaining unit employees. Includes fringe benefits. ⁵ Net revenues after refunds of postage. Includes operating reimbursements, stamped envelope purchases, indemnity claims, and miscellaneous revenue and expenditure offsets. Shown in year which gave rise to the earnings. ⁶ For 1980, includes penalty and franked mail, not shown separately. Later years have that mail distributed into the appropriate class. ⁷ Provides 2 to 3 day delivery service. ⁸ Overnight delivery of packages weighing up to 70 pounds. ⁹ Beginning 1998, return receipt revenue broken out from registry, certified, and insurance and included in "other." ¹⁰ Special delivery discontinued June 8, 1997. ¹¹ Shown in year in which obligation was incurred.

Source: U.S. Postal Service, *Annual Report of the Postmaster General and Comprehensive Statement on Postal Operations*, annual; and unpublished data.