

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.

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 transportation survey (part of the census of transportation, taken every 5 years through 1997, 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 complete reports for 1997 are part of the 1997 Economic Census. See text, Section 15, Business Enterprise, for a discussion of the 1997 Economic Census.

Additional sources of data on water transportation include *Merchant Fleets of the World*, issued periodically by the U.S. Maritime Administration; *The Bulletin*, issued monthly by the American Bureau of Shipping, New York, NY; and the annual *World Fleet Statistics*.

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*.

The data for the truck transportation component of the 1997 Economic Census are presented in the *Truck Inventory and Use Survey*.

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.; *Accident Facts*, issued by the National Safety Council, Chicago, IL; and *Transportation in America*, issued by the Eno Foundation for Transportation, Westport, Connecticut.

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 publishes annually 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) (ICTA), 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.

No. 1028. Transportation-Related Components of U.S. Gross Domestic Product: 1980 to 2000

[In billions dollars (349.4 represents \$349,400,000,000), except percent]

Item	1980	1985	1990	1995	2000
CURRENT DOLLARS					
Total transportation-related final demand	349.4	495.9	616.7	782.0	1,053.6
Total gross domestic product (GDP)	2,795.6	4,213.0	5,803.2	7,400.5	9,872.9
Transportation-related final demand as a percent of GDP	12.5	11.8	10.6	10.6	10.7
Personal consumption of transportation	238.4	372.9	455.5	560.3	784.9
Motor vehicles and parts	87.0	175.7	206.4	249.3	346.8
Gasoline and oil	86.7	97.2	107.3	113.3	165.3
Transportation services	64.7	100.0	141.8	197.7	272.8
Gross private domestic investment	52.1	74.0	78.7	130.5	201.1
Transportation structures	3.7	4.3	3.0	4.4	5.2
Transportation equipment	48.4	69.7	75.7	126.1	195.9
Net exports of transportation-related goods and service ¹	-1.1	-34.7	-28.5	-43.3	-108.4
Exports (+)	45.7	57.5	106.0	132.9	179.2
Civilian aircraft, engines, and parts	14.1	13.5	32.2	26.1	48.1
Automotive vehicles, engines, and parts	17.4	24.9	36.5	61.8	80.2
Passenger fares	2.6	4.4	15.3	18.9	20.7
Other transportation	11.6	14.7	22.0	26.1	30.2
Imports (-)	46.8	92.2	134.5	176.2	287.6
Civilian aircraft, engines, and parts	3.1	5.3	10.5	10.7	26.4
Automotive vehicles, engines, and parts	28.3	64.9	88.5	123.8	195.9
Passenger fares	3.6	6.4	10.5	14.7	24.2
Other transportation	11.8	15.6	25.0	27.0	41.1
Government transportation-related purchases	60.0	83.7	111.0	134.5	176.0
Federal purchases ²	7.0	10.0	12.9	16.3	19.5
State and local purchases ²	48.8	67.5	90.1	109.8	147.6
Defense-related purchases ³	4.2	6.2	8.0	8.4	8.9
Total domestic transportation-related final demand ⁴	350.5	530.6	645.2	825.3	1,162.0
Total gross domestic demand (GDD)	2,810.5	4,327.2	5,874.6	7,484.7	10,236.9
Transportation-related final demand as a percent of GDP	12.5	12.3	11.0	11.0	11.4
CHAINED (1996) DOLLARS					
Total transportation-related final demand	537.4	643.3	719.8	802.8	992.0
Total gross domestic product (GDP)	4,900.9	5,717.1	6,707.9	7,543.8	9,224.0
Transportation-related final demand as a percent of GDP	11.0	11.3	10.7	10.6	10.8
Personal consumption of transportation	362.2	494.3	532.6	574.6	736.2
Motor vehicles and parts	142.7	236.9	246.1	253.4	348.3
Gasoline and oil	94.8	104.8	113.1	120.2	136.6
Transportation services	124.7	152.6	173.4	201.0	251.3
Gross private domestic investment	84.0	99.7	91.1	132.8	197.8
Transportation structures	6.5	5.8	3.7	4.6	5.1
Transportation equipment	77.5	93.9	87.4	128.2	192.7
Net exports of transportation-related goods and service ¹	-5.1	-56.2	-31.3	-43.1	-102.8
Exports (+)	76.2	76.0	123.7	135.4	169.2
Civilian aircraft, engines, and parts	26.9	19.5	40.9	27.2	43.1
Automotive vehicles, engines, and parts	28.3	30.5	39.8	62.5	78.3
Passenger fares	4.5	7.1	19.1	18.9	19.7
Other transportation	16.5	18.9	23.9	26.8	28.1
Imports (-)	81.3	132.2	155.0	178.5	272.0
Civilian aircraft, engines, and parts	6.0	7.7	13.5	11.2	23.9
Automotive vehicles, engines, and parts	52.5	95.9	101.6	124.6	192.5
Passenger fares	5.5	9.3	12.7	14.9	20.7
Other transportation	17.3	19.3	27.2	27.8	34.9
Government transportation-related purchases	96.4	105.5	127.4	138.5	160.8
Federal purchases ²	13.3	13.9	16.1	17.2	19.4
State and local purchases ²	77.3	83.5	101.1	112.6	132.8
Defense-related purchases ⁴	5.8	8.1	10.3	8.7	8.6
Total domestic transportation-related final demand ⁴	542.6	699.5	751.2	845.9	1,094.8
Total gross domestic demand (GDD)	4,890.9	5,866.2	6,764.4	7,622.2	9,623.1
Transportation-related final demand as a percent of GDP	11.1	11.9	11.1	11.1	11.4

¹ Sum of exports and imports. ² Federal purchases and state and local purchases are the sum of consumption expenditures and gross investment. ³ Defense-related purchases are the sum of transportation of material and travel. ⁴ 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.

Source: U.S. Bureau of Transportation Statistics, *National Transportation Statistics, 2001*.

No. 1029. Passenger and Freight Transportation Outlays by Type of Transport: 1990 to 1999

[In billions of dollars (\$517.2 represents \$517,200,000,000). Freight data include outlays for mail and express]

Type of transport	1990	1992	1993	1994	1995	1996	1997	1998	1999
Passenger:									
Private transportation	517.2	523.6	560.2	610.5	642.0	684.0	719.9	738.9	805.0
Automobiles ^{1 2}	507.3	515.0	551.6	601.2	631.7	672.4	706.1	722.5	787.4
New and used cars	148.1	141.2	153.2	172.2	169.6	174.6	178.0	183.7	200.2
Tires, tubes, accessories	32.9	33.6	35.6	38.7	40.6	42.6	43.6	45.9	49.3
Gasoline and oil	118.0	115.4	117.3	119.9	124.6	136.6	140.9	126.7	141.1
Insurance less claims	19.9	28.3	29.7	30.6	32.7	35.0	39.9	41.8	43.0
Interest on debt	28.2	25.7	28.0	29.3	38.0	39.1	40.3	37.8	40.6
Auto registration fees	6.1	7.1	7.4	7.4	7.0	7.7	8.2	9.6	9.1
Operators' permit fees	0.6	0.8	0.7	0.8	0.8	0.9	0.9	0.9	1.0
Repair, greasing, washing, parking, leasing, rentals ³	93.4	99.3	107.4	121.0	134.4	147.6	160.9	168.4	178.3
Air	9.9	8.6	8.6	9.3	10.4	11.6	13.8	16.4	17.6
For-hire transportation	124.8	103.2	104.7	107.2	117.2	115.8	126.9	128.6	132.0
Local ²	31.6	32.8	34.3	35.7	41.0	39.6	41.5	41.6	41.7
Bus and transit ⁴	16.7	18.0	18.8	20.1	21.6	21.3	21.9	21.4	21.7
School bus	8.0	8.1	7.6	7.8	9.9	9.1	10.4	10.3	10.3
Taxi	4.0	4.0	4.3	4.7	5.0	5.4	5.7	6.4	6.2
Railroad commutation	2.8	2.7	3.5	3.1	4.5	3.8	3.5	3.5	3.5
Intercity	53.1	53.1	52.8	54.9	57.8	57.6	65.9	68.1	71.1
Air ⁵	49.5	49.2	49.3	50.5	54.0	53.9	61.8	64.0	67.0
Rail	1.8	1.9	1.8	1.8	2.2	2.1	2.3	2.2	2.1
Bus	1.8	1.9	1.7	1.4	1.5	1.5	1.6	1.8	1.8
International	14.9	17.3	17.6	17.7	18.4	18.5	19.5	18.9	19.2
Freight, total ²	350.9	375.1	396.6	420.3	442.4	467.2	494.9	528.8	561.8
Highway	270.8	292.9	311.9	330.7	348.1	368.5	396.7	427.2	456.8
Truck, intercity	162.3	176.8	189.7	204.9	219.6	235.4	257.8	282.8	304.6
Truck, local	108.4	116.0	122.1	125.7	128.4	133.0	138.7	144.3	152.1
Rail	30.1	30.5	30.8	33.1	34.4	35.1	35.3	35.3	35.9
Water	20.1	19.9	20.8	21.2	22.7	24.6	21.0	22.5	24.5
Oil pipeline	8.5	8.5	8.5	8.7	9.1	8.6	8.6	8.6	9.1
Air carrier	13.7	15.0	15.8	17.2	18.8	20.4	22.8	24.2	25.3

¹ Includes business-owned vehicles. ² Includes items not shown separately. ³ Includes storage. ⁴ Includes federal, state, and local government operating subsidies and capital grants. ⁵ Includes federal operating subsidies and capital grants from Amtrak.

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

No. 1030. Volume of Domestic Intercity Freight and Passenger Traffic by Type of Transport: 1980 to 1999

[Freight traffic in bil. ton-miles (2,487 represents 2,487,000,000,000); passenger traffic in bil. 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 one 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	1992	1993	1994	1995	1996	1997	1998	1999
Freight traffic, total	2,487	2,458	2,896	3,023	3,105	3,261	3,407	3,516	3,534	3,591	3,715
Railroads	932	895	1,091	1,138	1,183	1,275	1,375	1,426	1,421	1,442	1,499
Truck:											
ICC truck	242	250	311	342	365	391	401	428	436	459	499
Non-ICC truck	313	360	424	473	496	517	520	544	560	568	594
Water:											
Rivers/canals	311	306	390	393	373	388	406	408	413	(NA)	(NA)
Great Lakes	96	76	85	77	83	87	91	93	95	96	95
Oil pipelines	588	564	584	589	593	591	601	619	617	620	623
Domestic airways ¹	5	7	10	11	12	12	13	14	14	14	14
Passenger traffic, total	1,468	1,636	1,847	1,946	1,985	2,065	2,098	2,182	2,247	2,328	2,400
Private automobiles	1,210	1,310	1,452	1,544	1,575	1,625	1,641	1,693	1,740	1,806	1,850
Domestic airways ²	15	12	13	11	10	10	11	12	13	13	14
Air, public carrier	204	278	346	354	362	388	404	435	453	(NA)	(NA)
Bus ³	27	24	23	23	25	28	28	29	31	32	35
Railroads ⁴	11	11	13	14	13	14	14	13	13	14	14

NA Not available. ¹ Revenue service only for scheduled and nonscheduled carriers, with small section 418 all-cargo carriers included from 1980. Includes express mail, and excess baggage. ² Includes general aviation (mostly private business) flying. ³ Excludes school and urban transit buses. ⁴ Includes intercity (Amtrak) and rail commuter service.

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

No. 1031. Transportation and Warehousing—Establishments, Employees, and Payroll by Kind of Business (NAICS Basis): 1999 and 2000

[3,627.1 represents 3,627,100. For establishments with payroll. See Appendix III. County Business Patterns excludes rail transportation (NAICS 482) and the National Postal Service (NAICS 491)]

Industry	NAICS code ¹	Establishments		Paid employees ² (1,000)		Annual payroll (mil. dol.)	
		1999	2000	1999	2000	1999	2000
Transportation & warehousing	48-49	187,339	190,044	3,627.1	3,790.0	116,682.2	125,592.4
Air transportation	481	5,285	5,429	582.8	615.6	24,414.4	26,569.3
Scheduled air transportation	4811	3,237	3,324	540.0	570.9	22,506.2	24,484.5
Scheduled passenger air transportation	481111	2,698	2,740	506.1	536.2	21,434.4	23,470.7
Scheduled freight air transportation	481112	539	584	33.9	34.7	1,071.8	1,013.8
Nonscheduled air transportation	4812	2,048	2,105	42.8	44.7	1,908.2	2,084.8
Water transportation	483	1,950	1,900	71.8	67.6	3,039.5	3,003.2
Deep sea, coastal, & Great Lakes water transportation	4831	1,307	1,254	52.5	47.8	2,312.4	2,214.2
Inland water transportation	4832	643	646	19.3	19.7	727.1	789.0
Inland water freight transportation	483211	396	402	15.9	16.3	626.4	673.9
Inland water passenger transportation	483212	247	244	3.4	3.5	100.7	115.1
Truck transportation	484	108,749	110,416	1,384.2	1,415.8	43,626.2	46,451.5
General freight trucking	4841	52,724	55,874	897.6	922.7	29,343.4	31,614.0
General freight trucking, local	48411	18,737	20,329	141.6	153.3	4,087.5	4,529.8
General freight trucking, long distance	48412	33,987	35,545	756.0	769.5	25,256.0	27,084.2
Specialized freight trucking	4842	56,025	54,542	486.6	493.1	14,282.7	14,837.5
Used household & office goods moving	48421	9,219	9,147	127.0	128.9	3,453.7	3,661.4
Specialized freight (except used goods) trucking, local	48422	33,459	32,493	197.5	200.4	5,457.2	5,692.4
Specialized freight (except used goods) trucking, long-distance	48423	13,347	12,902	162.1	163.7	5,371.9	5,483.7
Transit & ground passenger transportation	485	16,254	16,383	370.0	386.9	6,729.3	7,214.7
Urban transit systems	4851	723	705	40.1	43.1	1,226.1	1,295.8
Mixed mode systems	485111	163	152	6.1	6.2	144.7	146.9
Commuter rail	485112	13	15	(D)	(D)	(D)	(D)
Bus and other motor vehicle mode systems	485113	520	505	29.3	31.4	853.7	925.1
Other	485119	27	33	(D)	(D)	(D)	(D)
Interurban & rural bus transportation	4852	440	444	21.8	26.8	654.4	709.7
Taxi & limousine service	4853	6,605	6,806	63.4	67.8	1,131.2	1,244.3
Taxi service	48531	3,102	3,116	28.6	30.4	459.3	485.2
Limousine service	48532	3,503	3,690	34.8	37.5	671.9	759.1
School & employee bus transportation	4854	4,341	4,217	161.9	162.9	2,178.7	2,322.6
Charter bus industry	4855	1,480	1,451	33.6	34.1	651.4	668.7
Other transit & ground passenger transportation	4859	2,665	2,760	49.2	52.2	887.5	973.6
Special needs transportation	485991	1,860	1,914	33.4	34.8	585.8	648.9
Pipeline transportation	486	2,550	2,802	48.1	53.0	3,032.7	3,828.6
Pipeline transportation of crude oil	4861	327	307	7.1	6.7	453.4	425.6
Pipeline transportation of natural gas	4862	1,683	1,938	34.5	39.2	2,205.4	2,961.1
Other pipeline transportation	4869	540	557	6.5	7.0	373.9	441.9
Scenic & sightseeing transportation	487	2,267	2,254	22.9	23.6	540.7	583.5
Scenic & sightseeing transportation, land	4871	458	454	8.7	8.7	188.3	192.8
Scenic & sightseeing transportation, water	4872	1,649	1,642	12.3	13.0	295.5	331.2
Other	4879	160	158	1.9	2.0	56.9	59.5
Support activities for transportation	488	31,392	31,440	440.2	472.4	14,915.6	16,507.0
Support activities for air transportation	4881	4,305	4,368	118.8	126.7	3,454.2	3,634.0
Airport operations	48811	1,834	1,834	62.9	67.9	1,431.1	1,569.5
Air traffic control	488111	135	137	0.7	0.8	27.3	29.9
Other support activities for air transportation	48819	2,471	2,534	55.9	58.8	2,023.1	2,064.6
Support activities for rail transportation	4882	837	821	21.0	21.4	672.5	714.4
Support activities for water transportation	4883	2,593	2,543	71.4	81.6	2,995.3	3,250.7
Port and harbor operations	48831	199	196	7.4	7.4	264.7	265.8
Marine cargo handling	48832	601	607	43.8	53.5	2,016.1	2,194.7
Navigational services to shipping	48833	891	863	11.4	11.8	430.1	478.7
Other	48839	902	877	8.8	8.9	284.5	311.5
Support activities for road transportation	4884	6,943	7,010	50.5	56.2	1,148.7	1,308.8
Motor vehicle towing	48841	6,145	6,078	39.9	41.8	878.7	961.7
Freight transportation arrangement	4885	15,464	15,177	157.5	161.7	5,885.9	6,620.3
Other support activities for transportation	4889	1,250	1,521	20.8	24.7	759.1	978.6
Couriers & messengers	492	11,938	12,297	578.4	619.3	16,726.0	17,399.4
Couriers	4921	6,309	6,667	508.6	548.9	15,289.5	15,890.5
Local messengers & local delivery	4922	5,629	5,630	69.8	70.5	1,436.5	1,508.9
Warehousing & storage	493	6,954	7,123	128.6	135.9	3,657.9	4,035.3

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

Source: U.S. Census Bureau, "County Business Patterns"; 2000 data published 30 May 2002; <<http://www.census.gov/epcd/cbp/view/cbpview.html>>.

No. 1032. Transportation and Warehousing—Establishments, Revenue, Payroll, by Kind of Business (NAICS Basis): 1997

[318,245 represents \$318,245,000,000. For establishments with payroll. Based on the 1997 Economic Census; see Appendix III]

Industry	NAICS code ¹	Revenue			Annual payroll		Paid employee for pay period including March 12 (1,000)
		Establishments (number)	Total (mil. dol.)	Per paid employee (dol.)	Total (mil. dol.)	Per paid employee (dol.)	
Transportation & warehousing ^{2 3} . . .	48,49	178,025	318,245	108,959	82,346	28,193	2,920.8
Air transportation ²	481	3,598	20,249	227,198	2,748	30,834	89.1
Scheduled air transportation ²	4811	1,798	16,285	246,786	1,921	29,110	66.0
Nonscheduled air transportation	4812	1,800	3,964	171,332	827	35,750	23.1
Water transportation	483	1,921	24,019	329,676	2,834	38,900	72.9
Deep sea, coastal, & Great Lakes water transportation	4831	1,308	20,339	374,565	2,198	40,472	54.3
Inland water transportation	4832	613	3,680	198,323	637	34,300	18.6
Truck transportation	484	103,798	141,225	109,156	38,471	29,735	1,293.8
General freight trucking	4841	44,781	88,426	107,901	25,722	31,387	819.5
Specialized freight trucking	4842	59,017	52,800	111,326	12,749	26,881	474.3
Transit & ground passenger transportation	485	16,013	13,792	40,616	5,549	16,342	339.6
Urban transit systems	4851	618	1,519	46,096	973	29,542	32.9
Interurban & rural bus transportation	4852	407	1,147	57,660	550	27,624	19.9
Taxi & limousine service	4853	6,418	3,155	55,070	881	15,374	57.3
School & employee bus transportation	4854	4,484	4,393	28,964	1,878	12,382	151.7
Charter bus industry	4855	1,531	1,768	56,164	548	17,407	31.5
Other transit & ground passenger transportation	4859	2,555	1,811	39,107	720	15,547	46.3
Pipeline transportation	486	2,311	26,837	544,582	2,661	53,989	49.3
Pipeline transportation of crude oil	4861	382	4,365	548,311	480	60,240	8.0
Pipeline transportation of natural gas	4862	1,450	19,627	548,404	1,871	52,277	35.8
Other pipeline transportation	4869	479	2,846	514,483	310	56,069	5.5
Scenic & sightseeing transportation	487	2,325	1,893	79,200	492	20,600	23.9
Scenic & sightseeing transportation, land	4871	454	558	67,777	170	20,619	8.2
Scenic & sightseeing transportation, water	4872	1,692	1,129	79,565	283	19,940	14.2
Scenic & sightseeing transportation, other	4879	179	207	138,604	40	26,757	1.5
Support activities for transportation	488	30,675	39,758	96,585	12,592	30,591	411.6
Support activities for air transportation	4881	4,231	9,153	79,279	2,820	24,425	115.5
Support activities for rail transportation	4882	816	2,067	109,555	515	27,276	18.9
Support activities for water transportation	4883	2,525	7,515	103,681	2,763	38,125	72.5
Support activities for road transportation	4884	6,424	2,683	60,535	901	20,327	44.3
Freight transportation arrangement	4885	15,782	16,251	114,856	5,015	35,442	141.5
Other support activities for transportation	4889	897	2,090	109,826	579	30,427	19.0
Couriers & messengers	492	10,887	39,812	74,999	14,072	26,508	530.8
Couriers	4921	5,503	36,293	78,315	12,830	27,685	463.4
Local messengers & local delivery	4922	5,384	3,519	52,202	1,242	18,420	67.4
Warehousing & storage	493	6,497	10,658	97,102	2,926	26,659	109.8

¹ North American Industry Classification System, 1997; see text, Section 15, Business Enterprise. ² Data do not include large certificated passenger carriers that report to the Office of Airline Statistics, U.S. Department of Transportation. ³ Railroad transportation and U.S. Postal Service are out of scope for the 1997 Economic Census.

Source: U.S. Census Bureau, *1997 Economic Census, Transportation & Warehousing*, Series EC97T48A-US, issued January 2000.

No. 1033. Employment and Earnings in Transportation by Industry: 1980 to 2001

[2,960 represents 2,960,000. Annual average of monthly figures. Based on Current Employment Statistics program; see Appendix III]

Industry	SIC code ¹	1980	1990	1995	1997	1998	1999	2000	2001
NUMBER (1,000)									
Total transportation	(X)	2,960	3,511	3,904	4,123	4,273	4,411	4,529	4,530
Railroads	40	532	279	238	227	231	235	236	227
Class I railroads, plus Amtrak	4011	482	241	212	202	205	204	194	188
Local and interurban passengers	41	265	338	419	452	469	478	476	482
Trucking and warehousing	42	(NA)	1,395	1,587	1,677	1,744	1,810	1,856	1,854
Water transportation	44	211	177	175	179	181	186	196	203
Air transportation	45	(NA)	968	1,068	1,134	1,181	1,227	1,281	1,287
Pipelines, exc. natural gas	46	21	19	15	14	14	13	14	14
Transportation services	47	(NA)	336	401	441	454	463	471	464
AVG. WEEKLY EARNINGS ² (dol.)									
Class I railroads	4011	427	727	811	892	845	797	799	782
Local and interurban passengers	41	217	310	358	375	387	395	412	424
Trucking and warehousing	42	(NA)	450	504	532	545	561	579	583
Pipelines, exc. natural gas	46	441	711	888	902	918	944	956	957

NA Not available. X Not applicable. ¹ 1987 Standard Industrial Classification, see text, Section 15, Business Enterprise. ² For nonsupervisory workers.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, March and June issues; and Internet site: <http://www.bls.gov/ces/>.

No. 1034. Transportation Accidents, Deaths, and Injuries: 1980 to 2000

[6,216 represents 6,216,000]

Year and casualty	Type of transport											
	Air					Pipeline ⁷					Rail Rapid Trans- it ⁹	Hazardous materi- als ¹⁰
	Motor ve- hicle ¹ (1,000)	Rail- road ²	Air- lines ³	Com- muter air car- riers ⁴	On demand air car- riers ⁵	General aviation	Recre- ational boat- ing ⁶	Gas	Hazard- ous liquid	Water- borne ⁸		
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	106	2,215	6,411	198	180	3,613	12,178	8,880
1995 . . .	6,699	2,459	36	12	75	2,053	8,019	161	188	4,298	14,327	14,743
1999 . . .	6,279	2,768	52	13	73	1,913	7,931	175	168	4,036	(NA)	17,085
2000 . . .	6,394	2,983	54	12	80	1,835	7,740	234	146	3,791	(NA)	17,224
Deaths: . . .												
1980 . . .	51.1	584	1	37	105	1,239	1,360	15	4	206	83	19
1990 . . .	44.6	599	39	7	50	767	865	6	3	85	117	8
1995 . . .	41.8	567	168	9	52	734	829	18	3	46	51	7
1999 . . .	41.7	530	12	12	38	630	734	22	4	44	57	7
2000 . . .	41.8	512	92	5	71	592	701	37	1	(NA)	32	12
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	402	3,822	69	7	175	10,336	423
1995 . . .	3,465	12,546	25	25	14	395	4,141	53	11	145	11,038	400
1999 . . .	3,236	10,304	58	2	14	326	4,315	93	20	131	(NA)	252
2000 . . .	3,189	10,424	26	7	10	329	4,355	77	4	125	(NA)	240

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 1077. 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 Accidents, deaths, and injuries involving hazardous materials cover all types of transport.

Source: U.S. Bureau of Transportation Statistics, *National Transportation Statistics, annual*.

No. 1035. U.S. Scheduled Airline Industry—Summary: 1990 to 2000

[For calendar years or Dec. 31 (465.6 represents 465,600,000). For domestic and international operations. Covers carriers certificated under Section 401 of the Federal Aviation Act. Minus sign (-) indicates loss]

Item	Unit	1990	1994	1995	1996	1997	1998	1999	2000
SCHEDULED SERVICE									
Revenue passengers enplaned	Mil.	465.6	528.8	547.8	581.2	594.7	612.9	636.0	665.5
Revenue passenger miles	Bil.	457.9	519.4	540.7	578.7	603.4	618.1	652.0	692.5
Available seat miles	Bil.	733.4	784.3	807.1	835.1	857.2	874.1	918.4	956.5
Revenue passenger load factor	Percent	62.4	66.2	67.0	69.3	70.4	70.7	71.0	72.4
Mean passenger trip length ¹	Miles	984	982	987	996	1,015	1,008	1,025	1,041
Freight and express ton miles	Mil.	10,546	13,792	14,578	15,301	17,959	18,131	19,317	21,143
Aircraft departures	1,000	6,924	7,531	8,062	8,230	8,127	8,292	8,627	8,992
FINANCES									
Total operating revenue ²	Mil. dol.	76,142	88,313	94,578	101,937	109,568	113,465	119,038	129,463
Passenger revenue	Mil. dol.	58,453	65,422	69,594	75,286	79,471	80,985	84,317	93,573
Freight and express revenue	Mil. dol.	5,432	7,284	8,616	9,679	10,477	10,697	11,415	11,993
Mail revenue	Mil. dol.	970	1,183	1,266	1,279	1,362	1,708	1,739	1,975
Charter revenue	Mil. dol.	2,877	3,548	3,485	3,447	3,575	3,821	4,030	4,365
Total operating expense	Mil. dol.	78,054	85,600	88,718	95,728	100,981	104,137	110,635	122,389
Operating profit	Mil. dol.	-1,912	2,713	5,860	6,209	8,587	9,328	8,403	7,074
Interest expense	Mil. dol.	1,978	2,347	2,424	1,981	1,733	1,742	1,821	2,165
Net profit ³	Mil. dol.	-3,921	-344	2,314	2,804	5,168	4,903	5,360	2,637
Revenue per passenger mile	Cents.	12.8	12.6	12.9	13.0	13.2	13.1	12.9	13.5
Rate of return on investment	Percent	-6.0	5.2	11.9	11.5	14.7	12.0	11.1	6.6
Operating profit margin	Percent	-2.5	3.1	6.2	6.1	7.8	8.2	7.1	5.5
Net profit margin	Percent	-5.1	-0.4	2.4	2.8	4.7	4.3	4.5	2.0
EMPLOYEES ³									
Total	1,000	545.8	539.8	547.0	564.4	586.5	621.1	646.4	680.0
Pilots and copilots	1,000	47.1	52.9	55.4	57.6	60.4	64.1	67.2	72.6
Other flight personnel	1,000	8.9	7.7	8.6	8.9	10.7	11.1	12.4	11.5
Flight attendants	1,000	83.4	86.5	86.7	89.1	96.2	97.6	105.6	113.7
Mechanics	1,000	61.0	55.8	50.5	50.8	65.5	69.9	70.3	72.8
Aircraft and traffic servicing personnel	1,000	251.2	247.2	251.1	266.5	269.6	290.1	295.6	311.1
All other	1,000	94.2	89.7	94.8	91.6	84.1	88.3	95.3	98.4

¹ For definition of mean, see Guide to Tabular Presentation. ² Includes other types of revenues, not shown separately. ³ Average number of full time equivalents.

Source: Air Transport Association of America, Washington, DC, *Air Transport*, annual, and *Air Transport, Facts and Figures*, annual.

No. 1036. Airline Cost Indexes: 1980 to 2000

[Covers U.S. major and national service carriers. Major carriers have operating revenues of \$1 billion or more; nationals have operating revenues from \$75 million to \$1 billion]

Index	Index (1982=100)									Percent distribution of total operating expenses ¹			
	1980	1985	1990	1995	1997	1998	1999	2000	1980	1990	1995	2000	
Composite index	86.8	102.8	122.6	131.3	137.4	134.8	137.2	150.2	100.0	100.0	100.0	100.0	
Labor costs:													
Passenger carriers	85.8	110.5	121.7	155.7	163.0	164.5	166.6	176.3	35.2	31.6	35.5	35.2	
Cargo carriers	78.3	116.0	148.8	151.7	156.0	159.1	164.8	170.1	27.3	30.0	40.0	27.9	
Fuel	89.7	79.6	77.2	55.3	62.5	49.4	51.4	78.3	30.0	17.3	12.0	14.0	
Aircraft fleet ^{2,3}	88.1	123.7	177.0	222.8	223.4	228.2	229.8	252.0	5.2	7.9	9.7	9.2	
Interest ^{2,4}	88.1	98.0	96.0	93.5	72.1	67.4	68.9	59.9	3.2	2.6	3.1	1.8	
Insurance	80.4	155.3	68.2	111.6	96.0	64.5	44.3	41.9	0.3	0.3	0.8	0.3	
Maintenance material	104.9	119.9	190.5	153.4	191.0	201.2	187.0	200.5	2.5	3.4	2.8	3.1	
Landing fee	87.2	99.9	139.0	176.6	184.0	177.4	186.8	186.4	1.7	1.8	2.2	1.8	
Traffic commissions ²	75.4	112.9	169.2	139.4	126.9	113.0	97.9	80.4	4.9	9.4	8.6	4.6	
Communication	65.8	96.6	111.2	116.0	110.4	119.0	138.1	135.8	1.1	1.4	1.6	1.6	
Advertising and promotion ²	67.1	96.2	97.8	63.6	54.7	59.2	59.7	57.0	1.6	2.0	1.5	1.2	
Passenger food ²	90.6	98.9	128.4	110.9	102.8	105.2	106.8	104.9	2.9	3.5	3.4	3.0	
All other	86.3	111.3	130.6	147.6	153.2	155.0	158.0	161.6	11.8	19.1	22.7	25.3	

¹ Total operating expenses plus interest on long term debt, less depreciation and amortization. ² Passenger airlines only. ³ Includes lease, aircraft and engine rentals, depreciation and amortization. ⁴ Interest on debt.

Source: Air Transport Association of America, Washington, DC, *Air Transport*, annual; and unpublished data.

No. 1037. Top 40 Airports in 2001—Passengers Enplaned: 1991 and 2001

[In thousands (432,473 represents 432,473,000), except rank. For calendar year. Airports ranked by total passengers enplaned by large certificated air carriers, 2001]

Airport	1991		2001		Airport	1991		2001	
	Total Rank		Total Rank			Total Rank		Total Rank	
All Airports	432,473	(X)	595,946	(X)	Boston, (Logan Intl), MA	8,917	15	10,017	20
Top 40 Airports	327,718	(X)	462,085	(X)	New York, (JFK), NY	8,354	17	9,647	21
Atlanta (Hartsfield Intl), GA	17,737	4	36,384	1	Baltimore, MD	4,278	31	9,451	22
Chicago (O'Hare Intl), IL	26,053	1	28,626	2	Pittsburgh, PA	7,728	20	8,711	23
Dallas/Ft. Worth Intl, TX	22,834	2	25,198	3	Cincinnati, OH	4,337	29	8,352	24
Los Angeles Intl, CA	18,335	3	22,873	4	Salt Lake City, UT	5,476	25	7,840	25
Phoenix Sky Harbor Intl, AZ	10,981	7	16,540	5	Honolulu, HI	8,776	16	7,795	26
Denver Intl, CO	12,461	6	16,397	6	Tampa, FL	4,352	28	7,458	27
Las Vegas (McCarran Intl)					Miami/Ft. Lauderdale, FL	3,465	37	7,372	28
NV	9,011	14	16,121	7	San Diego (Intl-				
Minneapolis-St. Paul Intl, MN	9,207	12	15,648	8	Lindbergh), CA	5,389	26	7,254	29
Houston International, TX	7,850	18	15,640	9	Chicago, IL (Midway)	2,937	43	7,063	30
Detroit (Wayne County), MI	9,800	8	15,467	10	Portland, OR	3,172	39	6,005	31
San Francisco Intl, CA	14,038	5	13,863	11	San Jose Muni, CA	3,153	41	5,866	32
Newark, NJ	9,742	9	13,823	12	Washington (Reagan				
St Louis (Lambert-St.					National), DC	6,632	23	5,785	33
Louis Mun), MO	9,453	10	12,864	13	Washington (Dulles Intl), DC	4,715	27	5,754	34
Seattle-Tacoma Intl, WA	7,723	21	12,705	14	Cleveland (Hopkins Intl), OH	3,558	35	5,529	35
Orlando Intl, FL	7,755	19	12,620	15	Kansas City, MO	3,319	38	5,496	36
Miami Intl, FL	9,350	11	11,505	16	Oakland Metro Intl, CA	2,965	42	5,487	37
Philadelphia, PA	6,553	24	10,387	17	Memphis, TN	3,502	36	4,785	38
New York (LaGuardia), NY	9,195	13	10,311	18	New Orleans, LA	3,163	40	4,683	39
Charlotte (Douglas Muni),					San Juan, (Luis Munoz				
NC	7,679	22	10,226	19	Marin Intl), PR	3,774	33	4,538	40

X Not applicable.

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

No. 1038. Domestic Airline Markets: 2000

[In thousands (3,637 represents 3,637,000). For calendar year. Data are for the 30 top markets and include all commercial airports in each metro area. Data do not include connecting passengers]

Market	Passengers	Market	Passengers
New York to—from Los Angeles	3,637	Honolulu to—from Lihue, Kauai	1,733
New York to—from Chicago	3,067	New York to—from Las Vegas	1,602
New York to—from Orlando	2,978	Los Angeles to—from Oakland	1,590
New York to—from Boston	2,966	New York to—from Dallas/Ft. Worth	1,583
New York to—from San Francisco	2,807	New York to—from West Palm Beach	1,563
New York to—from Atlanta	2,771	Chicago to—from Detroit	1,524
New York to—from Ft. Lauderdale	2,671	Chicago to—from Atlanta	1,513
Honolulu to—from Kahului, Maui	2,607	Chicago to—from Dallas/Ft. Worth	1,478
New York to—from Miami	2,542	Honolulu to—from Kona, Hawaii	1,466
New York to—from Washington	2,534	Chicago to—from Minneapolis/St. Paul	1,447
Los Angeles to—from Las Vegas	2,405	Atlanta to—from Washington	1,428
Dallas/Ft. Worth to—from Houston	2,289	Chicago to—from Lax Vegas	1,410
New York to—from San Juan	1,986	New York to—from Houston	1,382
Los Angeles to—from San Francisco	1,959	Boston to—from Washington	1,381
Chicago to—from Los Angeles	1,817	Los Angeles to—from Phoenix	1,376

Source: Air Transport Association of America, Washington, DC, *Air Transport* 2001.

No. 1039. Worldwide Airline Fatalities: 1987 to 2001

[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
1987	25	900	0.09	0.06	1995	25	711	0.05	0.03
1988	29	742	0.07	0.04	1996	24	1,146	0.07	0.05
1989	29	879	0.08	0.05	1997	26	929	0.06	0.04
1990	27	544	0.05	0.03	1998	20	904	0.05	0.03
1991	29	638	0.06	0.03	1999	21	499	0.03	0.02
1992	28	1,076	0.09	0.06	2000	18	755	0.04	0.03
1993	33	864	0.07	0.04	2001	13	577	0.03	0.02
1994	27	1,171	0.09	0.06					

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.

No. 1040. Airline Passenger Screening Results: 1980 to 2000

[Calendar year data (585 represents 585,000,000)]

Item	1980	1985	1990	1995	1997	1998	1999	2000
Persons screened (mil.)	585	993	1,145	1,263	1,660	1,903	1,754	1,812
WEAPONS DETECTED								
Firearms, total	1,914	2,913	2,549	2,390	2,067	1,515	1,552	1,937
Handguns	1,878	2,823	2,490	2,230	1,905	1,401	1,421	1,643
Long guns	36	90	59	160	162	114	131	294
Other/other dangerous articles	108	74	304	(X)	(X)	(X)	(X)	(X)
Explosive/incendiary devices	8	12	15	(X)	(X)	(X)	(X)	(X)
Persons arrested:								
Carrying firearms/explosives	1,031	1,310	1,336	1,194	924	660	633	600
Giving false information	32	42	18	68	72	86	58	61
Bomb threats received:								
Against airports	1,179	477	448	346	(NA)	(NA)	(NA)	(NA)
Against aircraft	268	153	338	327	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable.

Source: U.S. Bureau of Transportation Statistics, *National Transportation Statistics, 2001*, Internet site <<http://www.bts.gov/btsprod/nts/>>.

No. 1041. Aircraft Accidents: 1982 to 2001

[For years ending December 31]

Item	Unit	1982	1985	1990	1995	1999	2000	2001, prel.
Air carrier accidents, all services ¹	Number	18	21	24	36	52	57	40
Fatal accidents	Number	5	7	6	3	2	3	6
Fatalities	Number	235	526	39	168	12	92	531
Aboard	Number	223	525	12	162	11	92	525
Rates per 100,000 flight hours:								
Accidents	Rate	0.241	0.241	0.198	0.267	0.299	0.312	0.215
Fatal accidents	Rate	0.057	0.080	0.049	0.022	0.012	0.016	0.012
Commuter air carrier accidents ²	Number	26	18	15	12	13	12	7
Fatal accidents	Number	5	7	3	2	5	1	2
Fatalities	Number	14	37	6	9	12	5	13
Aboard	Number	14	36	4	9	12	5	13
Rates per 100,000 flight hours:								
Accidents	Rate	2.000	1.036	0.641	0.457	2.118	3.212	2.118
Fatal accidents	Rate	0.385	0.403	0.128	0.076	1.459	0.268	0.605
On-demand air taxi accidents ³	Number	132	157	107	75	73	81	72
Fatal accidents	Number	31	35	29	24	12	22	18
Fatalities	Number	72	76	51	52	38	71	60
Aboard	Number	72	75	49	52	38	68	59
Rates per 100,000 flight hours:								
Accidents	Rate	4.39	6.11	4.76	3.02	2.21	2.28	2.12
Fatal accidents	Rate	1.03	1.36	1.29	0.97	0.36	0.62	0.53
General aviation accidents ⁴	Number	3,233	2,739	2,241	2,056	1,906	1,838	1,721
Fatal accidents	Number	591	498	443	413	340	343	321
Fatalities	Number	1,187	956	767	735	619	594	553
Aboard	Number	1,170	945	762	728	615	584	549
Rates per 100,000 flight hours:								
Accidents	Rate	10.90	9.66	7.86	8.24	6.41	6.33	6.56
Fatal accidents	Rate	1.99	1.75	1.55	1.65	1.14	1.18	1.22

¹ U.S. air carriers operating under 14 CFR 121. Beginning 1999, includes aircraft with 10 or more seats, previously operating under 14 CFR 135. ² All scheduled service of U.S. air carriers operating under 14 CFR 135. Beginning 1999, only aircraft with fewer than 10 seats. ³ All nonscheduled service of U.S. air carriers operating under 14 CFR 135. ⁴ U.S. civil registered aircraft not operated under 14 CFR 121 or 135.

Source: U.S. National Transportation Safety Board, Internet site <<http://www.nts.gov/aviation/stats.htm>> (accessed 28 May 2002).

No. 1042. On-Time Flight Arrivals and Departures at Major U.S. Airports: 2001

[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. Cancelled and diverted flights are considered late. 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	74.5	78.7	74.2	83.2	78.1	81.9	76.7	84.7
Total major airports	74.0	78.2	73.4	83.4	76.8	80.7	75.0	84.0
Atlanta, Hartsfield International	73.2	77.7	74.3	85.9	75.4	78.1	74.6	84.5
Baltimore/Washington International	79.0	80.9	75.3	82.6	79.3	82.3	77.3	78.6
Boston, Logan International	66.3	71.8	66.0	86.2	69.4	75.9	67.4	83.8
Charlotte Douglas	81.8	83.6	76.4	86.6	81.6	82.5	78.7	85.6
Chicago Midway	80.8	84.3	80.3	86.9	78.9	80.4	77.0	81.7
Chicago, O'Hare	71.5	72.5	86.3	80.3	73.5	73.7	68.7	82.1
Cincinnati International	80.5	86.0	78.1	87.7	84.4	87.0	78.9	89.5
Dallas/Ft. Worth Regional	76.5	82.2	77.0	84.3	77.7	81.5	74.1	82.0
Denver International	75.9	78.8	72.7	84.0	75.3	78.9	70.7	85.8
Detroit, Metro Wayne	82.1	83.6	77.8	85.2	79.8	82.3	77.1	80.9
Fort Lauderdale	71.3	78.2	73.5	83.2	75.8	82.6	78.9	87.2
Houston George Bush	81.0	83.7	77.1	84.2	85.7	86.0	79.8	87.7
Las Vegas, McCarran International	73.4	80.1	78.1	82.8	72.4	80.0	76.6	83.0
Los Angeles International	68.1	73.2	73.0	83.7	73.6	79.2	76.9	84.8
Miami International	73.0	77.9	72.4	79.3	77.6	80.9	72.5	83.6
Minneapolis/St. Paul International	80.7	81.2	78.1	85.7	80.2	82.2	78.2	85.4
Newark International	72.1	75.1	68.7	85.3	78.2	81.8	74.7	87.7
New York, Kennedy International	66.6	69.0	63.3	81.0	69.6	74.2	66.8	75.2
New York, LaGuardia	64.6	70.6	64.0	87.7	72.2	78.9	70.7	87.5
Orlando International	73.9	80.5	75.5	85.4	79.4	85.5	79.5	90.4
Philadelphia International	70.8	73.2	66.2	80.0	74.2	77.9	72.0	81.0
Phoenix, Sky Harbor International	71.0	80.7	78.5	86.0	72.5	80.3	76.7	83.8
Pittsburgh, Greater International	80.5	82.2	73.9	86.4	82.6	84.6	76.4	86.9
Portland International	75.4	78.6	75.5	77.4	81.9	85.8	79.5	81.4
Ronald Reagan National	77.8	79.8	65.4	84.7	84.1	85.2	70.3	87.7
St. Louis, Lambert	77.2	83.1	80.9	84.8	78.6	83.7	81.3	84.2
Salt Lake City International	74.9	83.0	80.9	83.5	79.2	88.0	81.4	86.6
San Diego International, Lindbergh	72.0	77.8	75.1	80.6	77.0	82.0	79.0	82.8
San Francisco International	68.7	75.8	88.1	73.2	74.9	83.1	74.5	80.8
Seattle-Tacoma International	65.3	71.3	68.1	72.9	73.5	80.0	73.6	80.4
Tampa International	73.4	78.8	75.0	83.9	79.4	84.7	79.9	88.0
Washington/Dulles	79.0	77.3	70.9	82.9	80.7	80.4	73.8	84.6

Source: U.S. Department of Transportation, Office of Consumer Affairs, *Air Travel Consumer Report*, monthly.

No. 1043. Consumer Complaints Against U.S. Airlines: 1990 to 2001

[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	1994	1995	1996	1997	1998	1999	2000	2001
Total	7,703	5,179	4,629	5,782	6,394	7,980	17,345	20,564	14,076
Flight problems ¹	3,034	1,586	1,133	1,628	1,699	2,270	6,449	8,698	5,046
Customer service ²	758	805	667	999	1,418	1,716	3,657	4,074	2,700
Baggage	1,329	761	628	882	826	1,105	2,351	2,753	1,965
Ticketing/boarding ³	624	598	666	857	904	805	1,329	1,405	1,310
Refunds ⁴	701	393	576	521	531	601	935	803	942
Fares ⁴	312	267	185	180	195	276	584	708	568
Oversales ⁵	399	301	263	353	414	387	673	759	539
Disability ⁶	(NA)	(NA)	(NA)	(NA)	(NA)	331	520	612	454
Advertising	96	94	66	61	57	39	57	42	42
Tours	29	127	18	16	13	23	28	25	11
Animals	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	6
Smoking	74	20	15	13	5	()	()	()	()
Credit	5	2	4	3	1	()	()	()	()
Other	342	225	408	269	331	427	762	684	493

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 All bumping problems, whether or not airline complied with DOT regulations. ⁶ Prior to 1998, included in ticketing/boarding. ⁷ Included in "Other" beginning 1998.

Source: U.S. Dept. of Transportation, Office of Consumer Affairs, *Air Travel Consumer Report*, monthly.

No. 1044. Commuter/Regional Airline Operations—Summary: 1980 to 2000

[Calendar year data (14.8 represents 14,800,000). 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	1980	1985	1990	1995	1997	1998	1999	2000
Passenger carriers operating	Number	214	179	150	124	104	97	97	94
Passengers enplaned	Millions	14.8	126.0	42.1	57.2	66.3	71.1	78.1	84.6
Average passengers enplaned per carrier	1,000	69.2	152.4	277.5	461.4	637.5	733.0	804.7	830.4
Revenue passenger miles (RPM)	Billions	1.92	4.41	7.61	12.75	15.30	17.42	20.81	25.27
Average RPMs per carrier	Millions	8.97	24.64	50.75	102.80	147.09	179.64	214.49	268.83
Airports served	Number	732	854	811	780	766	773	734	729
Average trip length	Miles	129	173	183	223	231	245	267	299
Passenger aircraft operated	Number	1,339	1,745	1,917	2,138	2,104	2,150	2,187	2,271
Average seating capacity (seats)	Number	13.9	19.2	22.1	24.6	25.9	27.7	29.8	31.8
Fleet flying hours	1,000	1,740	2,854	3,447	4,659	4,695	4,631	5,058	5,363
Average annual utilization per aircraft	Hours	1,299	1,635	1,798	2,179	2,231	2,154	2,313	2,368

¹ Adjusted to exclude a merger in 1986. ² Prior to 1995, utilization results reflected airborne rather than block hours. Data inclusive of carriers which may have operated during only part of calendar year 1996.

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

No. 1045. Airports, Aircraft, and Airmen: 1980 to 1999

[As of Dec. 31 or for years ending Dec. 31]

Item	1980	1985	1990	1995	1996	1997	1998	1999
Airports, total ¹	15,161	16,319	17,490	18,224	18,292	18,345	18,770	19,098
Public	4,814	5,858	5,589	5,415	5,389	5,357	5,352	5,354
Percent—With lighted runways	66.2	68.1	71.4	74.3	74.5	74.6	74.8	76.2
With paved runways	72.3	66.7	70.7	73.3	73.7	74.0	74.2	74.2
Private	10,347	10,461	11,901	12,809	12,903	12,988	13,418	13,774
Percent—With lighted runways	15.2	9.1	7.0	6.4	6.4	6.4	6.3	6.7
With paved runways	13.3	17.4	31.5	33.0	32.9	33.0	33.2	31.8
Certificated ²	730	700	680	667	671	660	660	655
Civil	(X)	(X)	(X)	572	577	566	566	565
Civil military	(X)	(X)	(X)	95	94	94	94	90
General aviation	14,431	15,619	16,810	17,557	17,621	17,685	18,110	18,443
Active air carrier fleet ³	3,808	4,678	6,083	7,411	7,478	5,093	5,335	(NA)
Fixed wing	3,803	4,673	6,072	7,293	7,357	5,093	5,335	(NA)
Helicopter	2	5	11	118	121	(NA)	(NA)	(NA)
General aviation fleet ⁴	211,043	196,500	198,000	188,089	191,129	192,414	204,710	(NA)
Fixed-wing	200,097	184,700	184,500	162,342	163,691	166,854	175,203	(NA)
Turbojet	2,992	4,100	4,100	4,559	4,424	5,178	6,066	(NA)
Turboprop	4,090	5,000	5,300	4,995	5,716	5,619	6,174	(NA)
Piston	193,014	175,600	175,200	152,788	153,551	156,056	162,963	(NA)
Rotocraft	6,001	6,000	6,900	5,830	6,570	6,786	7,425	(NA)
Other	4,945	5,800	6,600	4,741	4,244	4,092	5,580	(NA)
Glanders	(NA)	(NA)	(NA)	2,182	1,934	2,016	2,105	(NA)
Lighter than air	(NA)	(NA)	(NA)	2,559	2,310	2,075	3,475	(NA)
Experimental	(NA)	(NA)	(NA)	15,176	16,625	14,680	16,502	(NA)
Airman certificates held: ⁵								
Pilot, total	827,071	709,540	702,659	639,184	622,261	616,342	618,298	635,472
Women	52,902	43,082	40,515	38,032	36,433	35,531	35,762	37,373
Student	199,833	146,652	128,663	101,279	94,947	96,101	97,736	97,359
Recreational	(NA)	(NA)	87	232	265	284	305	343
Airplane:								
Private	357,479	311,086	299,111	261,399	254,002	247,604	247,226	258,749
Commercial	183,442	151,632	149,666	133,980	129,187	125,300	122,053	124,261
Air transport	69,569	82,740	107,732	123,877	127,486	130,858	134,612	137,642
Rotocraft only ⁶	6,030	8,123	9,567	7,183	6,961	6,801	6,964	7,728
Glider only	7,039	8,168	7,833	11,234	9,413	9,394	9,402	9,390
Flight instructor certificates	60,440	58,940	63,775	77,613	78,551	78,102	79,171	79,694
Instrument ratings	260,462	258,559	297,073	298,798	297,895	297,409	300,183	308,951
Nonpilot ⁷	368,356	395,139	492,237	651,341	534,427	540,892	549,588	538,264
Mechanic	250,157	274,100	344,282	405,294	329,239	332,254	336,670	340,402
Repairmen	(NA)	(NA)	(NA)	61,233	50,768	51,643	52,909	35,989
Parachute rigger	9,547	9,395	10,094	11,824	10,269	10,336	10,459	10,447
Ground instructor	61,550	58,214	66,882	96,165	68,573	69,366	70,334	71,238
Dispatcher	6,799	8,511	11,002	15,642	13,272	13,967	14,804	15,655
Flight navigator	1,936	1,542	1,290	916	847	782	712	642
Flight engineer	38,367	43,377	58,687	60,267	61,459	62,544	63,700	63,891

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://api.hq.faa.gov/civilair/index.htm>> for data beginning 1990 (accessed 19 June 2002). 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. Data for 1996 and 1997 are limited to certificates held by those under 70 years of age.

Source: Except as noted, U.S. Bureau of Transportation Statistics, *National Transportation Statistics, 2000*.

No. 1046. Federal Expenditures for Civil Functions of the Corps of Engineers, United States Army: 1970 to 1999

[In millions of dollars (1,128 represents \$1,128,000,000). For fiscal years ending in year shown, see text, Section 8, State and Local Government Finances and Employment. These expenditures represent the work of the Corps of Engineers to plan, design, construct, operate, and maintain civil works projects and activities, particularly in the management and improvement of rivers, harbors, and waterways for navigation, flood control, and multiple purposes. The amounts listed below do not include the expenditure of funds contributed, advanced, or reimbursed by other government agencies or local interests. Includes Puerto Rico and outlying areas]

Fiscal year	Total program ¹	Navigation	Flood control	Multiple purpose	Fiscal year	Total program ¹	Navigation	Flood control	Multiple purpose
1970	1,128	398	379	331	1992	3,675	1,562	1,469	469
1980	3,061	1,225	1,228	551	1993	3,335	1,461	1,243	464
1985	2,956	1,234	1,187	419	1994	3,727	1,607	1,436	521
1987	2,937	1,135	1,272	411	1995	3,796	1,620	1,399	598
1988	3,086	1,271	1,271	423	1996	3,627	1,566	1,349	557
1989	3,252	1,395	1,253	462	1997	3,745	1,620	1,430	545
1990	3,297	1,391	1,397	375	1998	4,091	1,660	1,523	618
1991	3,511	1,473	1,447	443	1999	4,429	1,709	1,774	592

¹ Includes expenditures which are not associated with a specific purpose (e.g., headquarters staff supervision, management, and administration activities, and some research and development activities).

Source: U.S. Army Corps of Engineers, *Report of Civil Works Expenditures by State and Fiscal Year*, annual.

No. 1047. Freight Carried on Major U.S. Waterways: 1980 to 1999

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

Item	1980	1985	1990	1994	1995	1996	1997	1998	1999
Atlantic intracoastal waterway	4.0	3.1	4.2	3.7	3.5	4.3	3.6	3.8	3.4
Great Lakes	183.5	148.1	167.1	175.3	177.7	181.8	188.6	192.2	182.9
Gulf intracoastal waterway	94.5	102.5	115.5	117.6	117.9	118.0	118.1	113.8	109.6
Mississippi River system	584.2	527.8	659.6	693.3	710.1	701.8	707.1	708.3	716.9
Mississippi River mainstem	441.5	384.0	475.6	496.8	520.2	505.6	504.7	504.4	512.3
Ohio River system ²	179.3	203.9	260.0	270.5	267.6	270.9	274.9	278.8	277.9
Columbia River	49.2	42.4	51.4	50.9	57.1	51.2	52.7	49.1	50.7
Snake River	5.1	3.5	4.8	5.9	6.8	5.7	6.1	5.8	5.8

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.

No. 1048. Waterborne Commerce by Type of Commodity: 1990 to 2000

[In millions of short tons (2,163.9 represents 2,163,900,000). 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	2000						
	1990	1995	1999	Total	Domestic	Foreign imports	Foreign exports
Total ¹	2,163.9	2,240.4	2,322.6	2,461.6	1,069.8	976.8	415.0
Coal	339.9	324.5	289.2	297.0	220.7	15.5	60.9
Petroleum and petroleum products	923.2	907.1	979.1	1,081.0	370.6	651.7	58.7
Crude petroleum	485.7	504.6	533.4	608.5	83.8	521.6	3.1
Petroleum products ¹	437.5	402.5	445.7	472.4	286.8	130.0	55.6
Gasoline	116.9	114.4	110.6	125.2	94.6	24.1	6.4
Distillate fuel oil	77.4	76.7	93.1	91.7	65.6	21.1	4.9
Residual fuel oil	145.2	111.9	124.0	131.5	78.5	40.3	12.6
Chemicals and related products	123.8	153.7	155.7	172.4	76.0	38.5	57.9
Crude material, inedible ¹	374.7	381.7	386.6	380.3	234.2	97.3	48.7
Forest products, wood and chips	55.7	47.2	38.9	33.1	13.5	5.5	14.1
Pulp and waste paper	11.8	14.9	12.0	13.6	0.2	1.2	12.3
Soil, sand, gravel, rock, and stone	144.2	152.5	175.5	165.0	132.3	29.1	3.6
Primary manufactured goods ¹	76.0	106.3	147.4	153.0	45.8	92.0	15.3
Papers products	10.7	13.1	12.8	12.1	0.4	4.8	6.8
Lime, cement and glass	28.3	33.9	58.3	55.9	20.6	33.8	1.6
Primary iron and steel products	25.1	44.1	56.2	57.1	18.4	37.4	1.3
Food and farm products ¹	267.5	303.2	287.9	283.3	96.9	30.0	156.3
Fish	3.2	3.6	2.1	2.4	0.2	1.3	0.9
Grain ¹	157.3	167.9	152.7	145.2	54.6	1.6	89.0
Corn	96.1	105.0	95.9	88.2	38.0	0.2	50.0
Wheat	44.5	48.5	44.5	43.4	13.0	0.1	30.4
Oilseeds	36.0	46.1	48.9	57.6	24.6	0.7	32.3
Soybeans	32.2	42.0	43.0	47.3	20.2	-	27.0
Vegetables products	6.7	9.0	9.1	8.9	1.9	3.0	4.0
Processed grain and animal feed	28.2	33.0	29.7	23.1	8.2	0.8	14.2

- Represents or rounds to zero. ¹ Includes categories not shown separately.

Source: U.S. Army Corps of Engineers, *Waterborne Commerce of the United States*, annual.

No. 1049. Cargo-Carrying U.S.-Flag Fleet by Area of Operation: 2001

[Tons in thousands of metric tons (31,877 represents 31,877,000. As of October 1, except all vessels engaged in domestic trade and all nonself-propelled vessels (except ITBs) as of January 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	
	Number	Tons	Number	Tons	Number	Tons	Number	Tons	Number	Tons
VESSELS OF 1,000 GROSS TONS AND OVER										
Grand total	3,835	31,877	2,148	16,400	760	5,970	126	3,424	801	6,083
Foreign waterborne trade ¹	336	6,292	66	1,353	164	1,468	64	2,558	42	913
Domestic trade	3,326	22,224	2,054	14,163	596	4,502	57	780	619	2,779
Coastal	1,346	14,098	580	9,369	327	2,044	57	780	382	1,905
Inland waterway	1,901	6,085	1,466	4,750	214	529	-	-	221	806
Great Lakes	79	2,041	8	44	55	1,929	-	-	16	68
Government	173	3,361	28	884	-	-	5	86	140	2,391
Total self-propelled	467	16,276	122	7,177	62	2,464	91	3,200	192	3,435
Foreign waterborne trade ¹	139	5,282	17	1,043	17	788	64	2,558	41	893
Domestic trade	155	7,633	77	5,250	45	1,676	22	556	11	151
Coastal	109	5,976	75	5,231	2	59	22	556	10	130
Inland waterway	-	-	-	-	-	-	-	-	-	-
Great Lakes	46	1,657	2	19	43	1,617	-	-	1	21
Government	173	3,361	28	884	-	-	5	86	140	2,391
Total nonself-propelled ²	3,368	15,601	2,026	9,223	698	3,506	35	224	609	2,648
Foreign waterborne trade ¹	197	1,010	49	310	147	680	-	-	1	20
Domestic trade	3,171	14,591	1,977	8,913	551	2,826	35	224	608	2,628
Coastal	1,237	8,122	505	4,138	325	1,985	35	224	372	1,775
Inland waterway	1,901	6,085	1,466	4,750	214	529	-	-	221	806
Great Lakes	33	384	6	25	12	312	-	-	15	47
VESSELS LESS THAN 1,000 GROSS TONS										
Grand total	27,552	40,939	1,767	2,689	21,705	34,449	4	2	4,076	3,799
Foreign waterborne trade ¹	101	51	6	4	95	47	-	-	-	-
Domestic trade	27,451	40,888	1,761	2,685	21,610	34,402	4	2	4,076	3,799
Coastal	1,847	1,432	110	117	380	549	1	1	1,356	765
Inland waterway	25,493	39,301	1,647	2,565	21,211	33,828	3	1	2,632	2,907
Great Lakes	111	155	4	3	19	25	-	-	88	127
Total self-propelled	111	56	20	14	3	2	-	-	88	40
Domestic trade	111	56	20	14	3	2	-	-	88	40
Coastal	75	31	17	10	-	-	-	-	58	21
Inland waterway	27	21	1	3	-	-	-	-	26	18
Great Lakes	9	4	2	1	3	2	-	-	4	1
Total nonself-propelled	27,441	40,883	1,747	2,675	21,702	34,447	4	2	3,988	3,759
Foreign waterborne trade ¹	101	51	6	4	95	47	-	-	-	-
Domestic trade	27,340	40,832	1,741	2,671	21,607	34,400	4	2	3,988	3,759
Coastal	1,772	1,401	93	107	380	549	1	1	1,298	744
Inland waterway	25,466	39,280	1,646	2,562	21,211	33,828	3	1	2,606	2,889
Great Lakes	102	151	2	2	16	23	-	-	84	126

- Represents zero. ¹ Includes U.S./Canada TransLakes. ² Includes integrated tug barge (ITB) units as of October 1, 2001.

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.

No. 1050. Jobs on U.S. Deep Sea Commercial Fleet and Typical Basic Monthly Wage for Able-Bodied Seamen: 1975 to 2000

[Employment in thousands (20.5 represents 20,500)]

Year	Employment ¹	Year	Employment ¹	Year	East coast wage rate ²	West coast wage rate ²	Year	East coast wage rate ²	West coast wage rate ²
1975	20.5	1995	7.9	1975	612	900	1995	1,918	2,637
1980	19.6	1996	7.5	1980	967	1,414	1996	2,014	2,769
1985	13.1	1997	8.6	1985	1,419	2,029	1997	2,094	2,879
1990	11.1	1998	7.9	1990	1,505	2,218	1998	2,178	2,994
1993	9.3	1999	7.3	1993	1,721	2,438	1999	2,265	3,114
1994	9.1	2000	6.6	1994	1,790	2,536	2000	2,453	3,114

¹ As of June 30, except beginning 1980, as of Sept. 30. Estimates of personnel employed on merchant ships, 1,000 gross tons and over. Excludes vessels on inland waterways, Great Lakes, and those owned by, or operated for, U.S. Army and Navy, and special types such as cable ships, tugs, etc. ² As of January. Basic monthly wage, over and above subsistence (board and room); excludes overtime and fringe pay benefits. West coast incorporates extra pay for Saturdays and Sundays at sea into base wages but east coast does not.

Source: U.S. Maritime Administration, Office of Maritime Labor, Training and Safety.

No. 1051. Merchant Fleets of the World: 2001

[Vessels of 1,000 gross tons and over. As of October 1. Specified countries have 100 or more ships]

Country of registry, 2001	Total	Tanker	Dry bulk ¹	Container-ship	Roll-on/roll-off	Cruise/passenger	Other ²
World total, 2001	28,070	7,053	5,714	2,661	1,513	305	10,824
United States	444	131	17	91	60	13	132
Privately-owned	261	104	17	86	28	2	24
Government-owned	183	27	-	5	32	11	108
Foreign total	27,626	6,922	5,697	2,570	1,453	292	10,692
Panama	4,758	1,141	1,449	525	308	42	1,293
Liberia	1,505	583	353	277	58	28	206
Russia	1,477	271	97	21	8	6	1,074
China, People's Republic of	1,451	268	325	103	16	3	736
Malta	1,339	339	436	57	56	4	447
Cyprus	1,244	167	451	120	29	8	469
Bahamas	996	248	162	60	65	74	387
Singapore	862	410	130	165	32	-	125
Saint Vincent & the Grenadines	750	91	138	28	32	5	456
Greece	717	287	277	46	24	16	67
Norway (NIS) ³	650	311	85	5	69	9	171
Antigua & Barbuda	620	17	20	164	24	-	395
Japan	607	246	153	21	120	6	61
Indonesia	562	127	27	26	12	-	370
Turkey	536	94	149	23	26	3	241
Netherlands	518	66	2	48	17	9	376
Korea (South)	491	138	101	47	9	3	193
Italy	424	216	48	28	81	12	39
Hong Kong	414	48	249	62	3	-	52
Philippines	406	55	143	6	31	1	170
Cambodia	389	10	32	1	3	-	343
Germany	362	13	-	223	10	3	113
Malaysia	351	115	54	50	8	2	122
Belize	348	54	16	8	4	-	266
Denmark (DIS) ³	302	73	7	73	13	-	136
India	301	100	113	7	-	-	81
Thailand	283	93	28	13	-	1	148
Marshall Islands	250	113	81	38	1	-	17
Honduras	213	44	13	2	3	2	149
United Kingdom	201	61	6	51	32	16	35
Ukraine	195	16	6	3	2	7	161
Isle of Man	188	84	23	17	21	-	43
Sweden	172	61	7	-	60	-	44
China, Republic of (Taiwan)	166	17	49	67	1	-	32
Brazil	148	68	39	7	9	-	25
Iran	138	31	47	7	2	-	51
Vietnam	138	24	12	2	1	-	99
Syria	130	1	8	-	1	-	120
Netherlands Antilles	121	8	1	20	3	1	88
Cayman Islands	119	52	24	3	1	-	39
Portugal (MAR) ³	108	32	9	3	10	1	53
Egypt	104	15	20	2	7	-	60
Korea (North)	100	4	5	-	-	-	1
All other	2,472	710	302	141	241	29	1,049

- Represents zero. ¹ Includes bulk/oil, ore/oil, and org/bulk/oil carriers. ² Breakbulk ships, partial containerships, refrigerated cargo ships, barge and specialized cargo ships. ³ International Shipping Registry which is an open registry under which the ship flies the flag of the specified nation but is exempt from certain taxation and other regulations.

Source: U.S. Maritime Administration, *Merchant Fleets of the World*, summary report, annual; and unpublished data.

No. 1052. Highway Mileage—Urban and Rural by Ownership: 1980 to 2000

[In thousands (3,955 represents 3,955,000). As of Dec. 31. Includes Puerto Rico beginning 1996]

Type and control	1980	1985	1990	1995	1996	1997	1998	1999	2000
Total mileage ¹	23,955	3,862	3,880	3,912	3,934	3,959	3,920	3,932	3,951
Urban mileage ³	624	691	757	819	834	843	849	853	859
Under state control	79	111	96	112	113	114	111	111	110
Under local control	543	578	661	706	719	728	736	740	746
Rural mileage	² 3,331	3,171	3,123	3,093	3,100	3,116	3,072	3,079	3,092
Under state control	702	773	703	691	693	695	663	663	664
Under local control	2,270	2,173	2,242	2,231	2,238	2,254	2,291	2,299	2,311
Under federal control	262	225	178	170	169	167	118	117	117

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.

No. 1053. Highway Mileage—Functional Systems and Urban/Rural: 2000

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

State	Functional systems							
	Total	Interstate	Other free-ways and express-ways	Arterial	Collector	Local	Urban	Rural
U.S.	3,936,229	46,427	9,140	379,586	793,136	2,707,940	852,241	3,083,988
AL	94,311	906	21	8,783	20,426	64,175	20,672	73,639
AK	12,823	1,083	-	1,504	2,736	7,500	1,809	11,014
AZ	55,195	1,168	126	4,756	8,527	40,618	18,206	36,989
AR	97,600	656	86	6,828	20,131	69,899	10,626	86,974
CA	168,076	2,453	1,343	27,044	31,920	105,316	84,648	83,428
CO	85,409	951	224	8,179	16,606	59,449	14,463	70,946
CT	20,845	346	197	2,842	3,007	14,453	11,804	9,041
DE	5,779	41	13	625	939	4,161	1,984	3,795
DC	1,425	13	19	264	153	976	1,425	-
FL	116,649	1,471	464	12,123	14,372	88,219	49,227	67,422
GA	114,727	1,244	165	13,133	23,285	76,900	27,606	87,121
HI	4,281	55	34	755	829	2,608	2,104	2,177
ID	46,456	611	-	3,787	9,843	32,215	4,082	42,374
IL	138,372	2,165	84	13,944	21,572	100,607	36,347	102,025
IN	93,608	1,169	137	7,944	22,639	61,719	19,944	73,664
IA	113,377	782	-	9,538	31,528	71,529	9,864	103,513
KS	134,582	872	135	9,184	33,357	91,034	10,207	124,375
KY	79,267	762	90	5,492	17,636	55,287	11,826	67,441
LA	60,900	894	48	5,298	12,543	42,117	13,941	46,959
ME	22,670	367	18	2,291	5,974	14,020	2,634	20,036
MD	30,494	481	234	3,559	5,024	21,196	14,429	16,065
MA	35,311	566	199	5,633	5,486	23,427	23,101	12,210
MI	121,979	1,241	224	12,267	25,710	82,537	30,007	91,972
MN	132,250	912	150	12,658	29,458	89,072	16,018	116,232
MS	73,498	685	41	7,105	15,531	50,136	8,055	65,443
MO	123,039	1,178	320	9,386	24,978	87,177	16,370	106,669
MT	69,567	1,191	-	6,014	16,344	46,018	2,491	67,076
NE	92,791	482	17	7,884	20,796	63,612	5,186	87,605
NV	37,854	560	43	2,864	5,222	29,165	5,533	32,321
NH	15,211	224	40	1,545	2,706	10,696	2,938	12,273
NJ	36,022	420	311	5,348	4,573	25,370	24,184	11,838
NM	59,927	1,000	3	4,549	6,953	47,422	6,110	53,817
NY	112,783	1,667	792	13,467	20,560	76,297	40,993	71,790
NC	99,813	1,024	279	8,957	17,759	71,794	23,628	76,185
ND	86,609	572	-	5,872	11,541	68,624	1,834	84,775
OH	116,964	1,572	392	10,628	22,105	82,267	33,545	83,419
OK	112,634	930	138	7,853	25,381	78,332	13,361	99,273
OR	66,902	727	55	6,724	17,449	41,947	11,064	55,838
PA	119,642	1,757	486	13,162	19,784	84,453	34,250	85,392
RI	6,052	70	69	845	857	4,211	4,719	1,333
SC	64,921	829	71	6,818	13,388	43,815	10,621	54,300
SD	83,471	678	-	6,294	19,280	57,219	2,017	81,454
TN	87,419	1,073	121	8,710	18,062	59,453	17,740	69,679
TX	301,035	3,234	1,200	28,444	63,311	204,846	82,394	218,641
UT	41,852	938	8	3,334	7,820	29,752	7,521	34,331
VT	14,273	320	19	1,297	3,121	9,516	1,379	12,894
VA	70,393	1,118	218	8,156	14,118	46,783	18,938	51,455
WA	80,209	764	314	7,300	16,796	55,035	18,197	62,012
WV	37,277	549	9	3,237	8,777	24,705	3,251	34,026
WI	112,359	743	180	11,693	21,536	78,207	16,650	95,709
WY	27,326	913	3	3,669	10,687	12,054	2,298	25,028

- Represents zero.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1054. Commodity Shipments—Value, Tons, and Ton-miles: 1993 and 1997

[Based on the 1997 Economic Census; see Appendix III]

Mode of transportation	Value		Tons		Ton-miles	
	1993	1997	1993	1997	1993	1997
All modes	5,846,334	6,943,988	9,688,493	11,089,733	2,420,915	2,661,363
Single modes	4,941,452	5,719,558	8,922,286	10,436,538	2,136,873	2,383,473
Truck ¹	4,403,494	4,981,531	6,385,915	7,700,675	869,536	1,023,506
For-hire truck	2,625,093	2,901,345	2,808,279	3,402,605	629,000	741,117
Private truck	1,758,337	2,036,528	3,543,513	4,137,294	235,897	268,592
Rail	247,394	319,629	1,544,148	1,549,817	942,561	1,022,547
Water	61,628	75,840	505,440	563,369	271,998	261,747
Shallow draft	40,707	53,897	362,454	414,758	164,371	189,284
Great Lakes	(S)	1,504	33,041	38,421	12,395	13,415
Deep draft	19,749	20,439	109,945	110,191	95,232	59,047
Air (includes truck and air)	139,086	229,062	3,139	4,475	4,009	6,233
Pipeline ²	89,849	113,497	483,645	618,202	(S)	(S)
Multiple modes	662,603	945,874	225,676	216,673	191,461	204,514
Parcel, U.S. Postal Service or courier	563,277	855,897	18,892	23,689	13,151	17,994
Truck and rail	83,082	75,695	40,624	54,246	37,675	55,561
Truck and water	9,392	8,241	67,995	33,215	40,610	34,767
Rail and water	3,636	1,771	79,222	79,275	70,219	77,590
Other multiple modes	3,216	4,269	18,943	26,248	(S)	18,603
Other and unknown modes	242,279	278,555	540,530	436,521	92,581	73,376

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 most shipments of crude oil.

Source: U.S. Bureau of Transportation Statistics and U.S. Census Bureau, *1997 Economic Census, Transportation, 1997 Commodity Flow Survey*, Series EC97TCF-US, issued December 1999. Internet site: <<http://www.census.gov/econ/www/cfsnew.html>>.

No. 1055. Hazardous Material Shipment Characteristics: 1997

[466,407 represents \$466,407,000,000. Based on the 1997 Economic Census; see Appendix III]

Item	Value		Tons		Ton-miles		Average miles per shipment
	Amount (mil. dol.)	Percent	Number (1,000)	Percent	Number (mil.)	Percent	
MODE OF TRANSPORTATION							
All modes	466,407	100.0	1,565,196	100.0	263,809	100.0	113
Single modes	452,727	97.1	1,541,716	98.5	258,912	98.1	95
Truck ¹	298,173	63.9	869,796	55.6	74,939	28.4	73
For-hire truck	134,308	28.8	336,363	21.5	45,234	17.1	260
Private truck	160,693	34.5	522,666	33.4	28,847	10.9	35
Rail	33,340	7.1	96,626	6.2	74,711	28.3	853
Water	26,951	5.8	143,152	9.1	68,212	25.9	(S)
Air (includes truck and air)	8,558	1.8	66	-	95	-	1,462
Pipeline ²	85,706	18.4	432,075	27.6	(S)	(S)	(S)
Multiple modes	5,735	1.2	6,022	0.4	3,061	1.2	645
Parcel, U.S. Postal Service or courier	2,874	0.6	143	-	78	-	697
Other multiple modes	2,861	0.6	5,879	0.4	2,982	1.1	(S)
Other and unknown modes	7,945	1.7	17,459	1.1	1,837	0.7	38
HAZARDOUS CLASS AND DESCRIPTION							
Total	466,407	100.0	1,565,196	100.0	263,809	100.0	113
Class 1, explosives	4,342	0.9	1,517	0.1	(S)	(S)	549
Class 2, gases	40,884	8.8	115,021	7.3	21,842	8.3	66
Class 3, flammable liquids	335,619	72.0	1,264,281	80.8	159,979	60.6	73
Class 4, flammable solids	3,898	0.8	11,804	0.8	9,618	3.6	838
Class 5, oxidizers and organic peroxides	4,485	1.0	9,239	0.6	4,471	1.7	193
Class 6, toxic (poison)	10,086	2.2	6,366	0.4	2,824	1.1	402
Class 7, radioactive materials	2,722	0.6	87	-	48	-	445
Class 8, corrosive materials	40,423	8.7	91,564	5.9	41,161	15.6	201
Class 9, misc. dangerous goods	23,946	5.1	65,317	4.2	22,727	8.6	323

- Represents or rounds to zero. S Data do not meet publication standards because of high sampling variability or other reasons. ¹ "Truck" as a single mode includes shipments which 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 most shipments of crude oil.

Source: U.S. Bureau of Transportation Statistics and U.S. Census Bureau, *1997 Economic Census, Transportation, 1997 Commodity Flow Survey, Hazardous Materials*, Series EC97TCF-US(HM)RV, issued April 2000. Internet site: <<http://www.census.gov/econ/www/cfsnew.html>>.

No. 1056. Bridge Inventory—Total and Deficient, 1996 to 2001, and by State, 2001

[As of December, except 2000 as of August. Based on the National Bridge Inventory program]

State and year	Deficient and obsolete						
	Number of bridges	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
U.S. total, 2001	590,066	165,099	28.0	83,630	14.2	81,469	13.8
Alabama	15,641	4,922	31.5	2,677	17.1	2,245	14.4
Alaska	1,433	412	28.8	169	11.8	243	17.0
Arizona	6,918	735	10.6	194	2.8	541	7.8
Arkansas	12,434	3,475	27.9	1,479	11.9	1,996	16.1
California	23,770	6,840	28.8	2,636	11.1	4,204	17.7
Colorado	8,082	1,443	17.9	596	7.4	847	10.5
Connecticut	4,171	1,305	31.3	362	8.7	943	22.6
Delaware	829	129	15.6	47	5.7	82	9.9
District of Columbia	243	161	66.3	25	10.3	136	56.0
Florida	11,303	2,114	18.7	300	2.7	1,814	16.0
Georgia	14,394	3,502	24.3	1,578	11.0	1,924	13.4
Hawaii	1,071	537	50.1	193	18.0	344	32.1
Idaho	4,069	756	18.6	320	7.9	436	10.7
Illinois	25,529	4,824	18.9	2,725	10.7	2,099	8.2
Indiana	18,067	4,418	24.5	2,257	12.5	2,161	12.0
Iowa	25,030	7,096	28.3	5,036	20.1	2,060	8.2
Kansas	25,638	6,424	25.1	3,465	13.5	2,959	11.5
Kentucky	13,442	4,053	30.2	1,189	8.8	2,864	21.3
Louisiana	13,426	4,591	34.2	2,425	18.1	2,166	16.1
Maine	2,367	866	36.6	354	15.0	512	21.6
Maryland	4,957	1,446	29.2	436	8.8	1,010	20.4
Massachusetts	4,986	2,488	49.9	696	14.0	1,792	35.9
Michigan	10,631	3,366	31.7	2,012	18.9	1,354	12.7
Minnesota	12,830	1,784	13.9	1,221	9.5	563	4.4
Mississippi	16,825	5,002	29.7	3,694	22.0	1,308	7.8
Missouri	23,604	8,830	37.4	6,083	25.8	2,747	11.6
Montana	5,009	1,130	22.6	570	11.4	560	11.2
Nebraska	15,493	4,337	28.0	2,676	17.3	1,661	10.7
Nevada	1,510	221	14.6	67	4.4	154	10.2
New Hampshire	2,354	802	34.1	387	16.4	415	17.6
New Jersey	6,366	2,350	36.9	930	14.6	1,420	22.3
New Mexico	3,790	703	18.5	348	9.2	355	9.4
New York	17,378	6,588	37.9	2,406	13.8	4,182	24.1
North Carolina	16,991	5,307	31.2	2,513	14.8	2,794	16.4
North Dakota	4,517	1,137	25.2	871	19.3	266	5.9
Ohio	27,952	7,166	25.6	3,304	11.8	3,862	13.8
Oklahoma	22,708	9,123	40.2	7,605	33.5	1,518	6.7
Oregon	7,309	1,653	22.6	362	5.0	1,291	17.7
Pennsylvania	22,092	9,440	42.7	5,418	24.5	4,022	18.2
Rhode Island	749	379	50.6	187	25.0	192	25.6
South Carolina	9,064	2,056	22.7	1,187	13.1	869	9.6
South Dakota	6,001	1,744	29.1	1,398	23.3	346	5.8
Tennessee	19,362	4,701	24.3	1,761	9.1	2,940	15.2
Texas	48,085	10,555	22.0	3,182	6.6	7,373	15.3
Utah	2,743	634	23.1	389	14.2	245	8.9
Vermont	2,714	955	35.2	452	16.7	503	18.5
Virginia	12,789	3,465	27.1	1,222	9.6	2,243	17.5
Washington	7,939	2,142	27.0	551	6.9	1,591	20.0
West Virginia	6,767	2,667	39.4	1,172	17.3	1,495	22.1
Wisconsin	13,516	2,657	19.7	1,862	13.8	795	5.9
Wyoming	3,076	642	20.9	389	12.6	253	8.2
Puerto Rico	2,102	1,026	48.8	252	12.0	774	36.8

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 a part.

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

No. 1057. Funding for Highways and Disposition of Highway-User Revenue: 1990 to 2000

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

Type	1990	1994	1995	1996	1997	1998	1999	2000
Total receipts	75,444	91,312	96,269	102,771	107,421	109,881	117,878	128,745
Current income	69,880	84,017	87,620	94,972	98,667	100,975	106,602	117,501
Highway user revenues	44,346	55,387	59,331	64,052	66,266	69,227	73,897	81,006
Other taxes and fees	19,827	21,598	21,732	23,830	25,424	24,274	25,989	28,997
Investment income, other receipts	5,707	7,032	6,557	7,090	6,977	7,474	6,715	7,498
Bond issue proceeds ¹	5,564	7,295	6,649	7,799	8,754	8,906	11,276	11,244
Funds from (+) or to (-) reserves	-36	-1,120	-2,791	-4,689	-5,468	-2,689	-444	-1,286
Total funds available	75,408	90,192	93,478	98,082	101,953	107,192	117,434	127,459
Total disbursements	75,408	90,192	93,478	98,082	101,953	107,192	117,434	127,459
Current disbursements	72,457	85,645	88,994	93,492	97,320	101,995	111,963	121,731
Capital outlay	35,151	42,379	44,228	46,810	48,360	51,614	59,499	64,647
Maintenance and traffic services	20,365	23,553	24,319	25,564	26,777	27,235	29,212	30,984
Administration and research	6,501	8,376	8,419	8,445	8,256	8,519	8,722	10,328
Law enforcement and safety	7,235	7,673	8,218	8,897	9,761	10,155	9,946	10,721
Interest on debt	3,205	3,664	3,810	3,776	4,166	4,472	4,584	5,051
Bond retirement ¹	2,951	4,547	4,484	4,590	4,633	5,197	5,471	5,728

¹ Excludes issue and redemption of short-term notes or refunding bonds.
Source: U.S. Federal Highway Administration, *Highway Statistics*, annual; and releases.

No. 1058. Federal Aid to State and Local Governments for Highway Trust Fund and Federal Transit Administration (FTA) by State: 2001

[Year ending Sept. 30. (26,452 represents \$26,452,000,000)]

State	Highway trust fund		FTA		State	Highway trust fund		FTA		State	Highway trust fund		FTA	
	Total (mil. dol.)	Per capita (dol.) ¹	Total (mil. dol.)	Per capita (dol.) ¹		Total (mil. dol.)	Per capita (dol.) ¹	Total (mil. dol.)	Per capita (dol.) ¹		Total (mil. dol.)	Per capita (dol.) ¹	Total (mil. dol.)	Per capita (dol.) ¹
U.S. ²	26,452	(NA)	7,561	(NA)	KS	246	91.4	15	5.6	ND	177	278.6	6	9.6
U.S. ³	26,067	91.5	7,256	25.5	KY	510	125.5	25	6.3	OH	880	77.3	167	14.7
AL	634	142.0	38	8.6	LA	1	0.2	43	9.7	OK	298	86.2	25	7.1
AK	352	554.0	26	40.4	ME	152	118.3	19	14.8	OR	319	91.9	107	30.9
AZ	481	90.7	46	8.7	MD	478	88.8	127	23.6	PA	1,426	116.1	368	30.0
AR	267	99.3	15	5.7	MA	476	74.6	218	34.2	RI	171	161.9	35	32.9
CA	2,051	59.4	1,421	41.2	MI	851	85.2	116	11.6	SC	375	92.2	22	5.3
CO	372	84.3	109	24.6	MN	409	82.3	147	29.5	SD	226	299.2	5	6.3
CT	399	116.5	98	28.7	MS	289	101.0	11	3.7	TN	493	85.9	36	6.3
DE	119	149.6	11	13.5	MO	633	112.4	148	26.4	TX	1,846	86.6	441	20.7
DC	191	333.6	183	320.7	MT	266	293.9	6	6.9	UT	220	97.0	63	27.9
FL	1,492	91.0	229	14.0	NE	162	94.4	11	6.7	VT	140	228.8	18	28.6
GA	790	94.2	172	20.5	NV	186	88.4	20	9.6	VA	755	105.1	91	12.6
HI	157	128.0	48	39.1	NH	133	105.7	9	6.8	WA	522	87.3	212	35.3
ID	203	153.6	8	6.1	NJ	586	69.1	592	69.7	WV	386	214.1	14	7.9
IL	883	70.7	382	30.6	NM	298	163.2	17	9.2	WI	529	97.9	82	15.1
IN	621	101.6	75	12.3	NY	1,272	66.9	1,097	57.7	WY	173	350.1	2	4.5
IA	309	105.7	25	8.7	NC	861	105.1	53	6.5					

NA Not available. ¹ Based on estimated resident population as of July 1. ² Includes outlying areas and undistributed funds not shown separately. ³ For the 50 states and DC.
Source: U.S. Census Bureau, *Federal Aid to States for Fiscal Year, 2001*.

No. 1059. State Motor Fuel Tax Receipts, 1999 and 2000, and Gasoline Tax Rates, 2000

[571 represents \$571,000,000]

State	Net receipts (mil. dol.)		Tax rate, ¹ 2000	State	Net receipts (mil. dol.)		Tax rate, ¹ 2000	State	Net receipts (mil. dol.)		Tax rate, ¹ 2000
	1999	2000			1999	2000			1999	2000	
AL	571	580	18.00	KY	488	440	16.40	ND	95	102	21.00
AK	25	28	8.00	LA	537	544	20.00	OH	1,464	1,484	22.00
AZ	560	566	18.00	ME	155	174	19.00	OK	401	414	17.00
AR	366	399	19.50	MD	672	643	23.50	OR	390	385	24.00
CA	2,936	2,945	18.00	MA	628	644	21.00	PA	1,678	1,698	25.90
CO	512	522	22.00	MI	1,048	1,048	19.00	RI	133	135	29.00
CT	498	546	32.00	MN	580	596	20.00	SC	424	468	16.00
DE	103	104	23.00	MS	367	398	18.40	SD	112	116	22.00
DC	33	32	20.00	MO	642	674	17.00	TN	703	778	20.00
FL	1,525	1,612	13.10	MT	173	195	27.00	TX	2,593	2,700	20.00
GA	406	431	7.50	NE	275	307	22.80	UT	311	314	24.50
HI	66	69	16.00	NV	280	305	24.75	VT	80	87	20.00
ID	209	203	25.00	NH	130	136	19.50	VA	771	774	17.50
IL	1,212	1,232	19.00	NJ	501	525	10.50	WA	716	725	23.00
IN	739	746	15.00	NM	249	239	18.50	WV	298	295	25.40
IA	399	394	20.00	NY	1,472	1,406	29.30	WI	783	795	25.40
KS	338	359	20.00	NC	1,017	1,055	21.20	WY	90	100	14.00

¹ Cents per gallon. In effect Dec. 31.
Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1060. Public Highway Debt—State and Local Governments: 1980 to 2000

[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	1996	1997	1998	1999	2000
Total debt issued	2,381	8,194	5,708	11,305	9,728	12,347	16,412	12,822	(NA)
State	1,160	5,397	3,147	4,718	6,653	8,174	9,789	9,554	9,067
Local ¹	1,221	2,797	2,561	6,587	3,075	4,173	6,623	3,268	(NA)
Total debt redeemed	1,987	5,294	3,120	5,634	6,380	7,043	11,735	5,808	(NA)
State	1,114	3,835	1,648	2,939	4,161	4,228	6,466	3,609	3,897
Local ¹	873	1,459	1,472	2,695	2,219	2,815	5,269	2,199	(NA)
Total debt outstanding ²	27,616	32,690	46,586	68,733	72,197	77,501	82,599	89,778	(NA)
State	20,210	21,277	28,362	39,228	41,720	45,666	49,182	55,646	61,434
Local ¹	7,406	11,413	18,224	29,505	30,477	31,835	33,417	34,132	(NA)

NA Not available. ¹ Local data estimated. ² End-of-year.
Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1061. State Disbursements for Highways by State: 1995 to 2000

[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	1996	1997	1998	1999	2000
United States	67,615	71,736	73,994	80,518	83,675	89,832
Alabama	1,002	1,064	1,019	1,053	1,085	1,246
Alaska	438	453	435	404	416	501
Arizona	1,199	1,532	1,359	1,430	1,860	2,040
Arkansas	666	755	832	815	736	817
California	5,966	5,831	6,219	6,574	6,876	6,750
Colorado	922	922	887	1,166	1,260	1,392
Connecticut	1,153	1,202	1,173	1,427	1,094	1,304
Delaware	441	452	449	647	507	595
District of Columbia	140	163	151	259	242	244
Florida	3,421	3,472	3,734	4,024	3,992	4,208
Georgia	1,437	1,675	1,372	1,613	1,763	1,567
Hawaii	360	405	387	326	355	272
Idaho	350	369	403	414	445	492
Illinois	3,006	3,097	2,992	3,306	2,957	3,447
Indiana	1,433	1,444	1,636	1,652	1,522	1,932
Iowa	1,078	1,128	1,173	1,177	1,253	1,494
Kansas	1,019	1,162	1,087	1,306	1,155	1,206
Kentucky	1,397	1,372	1,331	1,481	1,578	1,651
Louisiana	1,198	1,417	1,189	1,400	1,237	1,301
Maine	379	509	474	485	458	488
Maryland	1,289	1,449	1,489	1,492	1,554	1,599
Massachusetts	2,501	2,545	3,287	3,351	4,407	3,524
Michigan	1,974	1,966	2,100	2,745	2,629	2,748
Minnesota	1,210	1,374	1,450	1,377	1,534	1,692
Mississippi	662	826	809	843	968	1,039
Missouri	1,313	1,402	1,492	1,438	1,600	1,818
Montana	388	377	379	378	434	474
Nebraska	578	595	611	589	681	745
Nevada	484	468	431	446	557	651
New Hampshire	328	346	360	371	416	387
New Jersey	2,102	2,928	2,247	2,513	2,905	4,503
New Mexico	535	532	546	570	753	1,162
New York	4,584	4,424	4,778	6,051	5,347	5,307
North Carolina	1,871	1,939	2,099	2,352	2,441	2,621
North Dakota	270	266	326	306	413	385
Ohio	2,637	2,709	2,940	3,327	3,158	3,351
Oklahoma	828	918	867	944	1,322	1,417
Oregon	888	995	992	1,051	1,009	1,010
Pennsylvania	3,153	3,118	3,764	3,902	4,143	4,517
Rhode Island	290	297	225	339	316	256
South Carolina	668	678	741	766	885	970
South Dakota	286	289	349	305	371	466
Tennessee	1,230	1,283	1,351	1,420	1,398	1,440
Texas	3,593	4,312	4,253	4,295	4,840	5,665
Utah	431	457	802	1,129	1,072	1,072
Vermont	194	192	213	222	252	287
Virginia	2,107	2,321	2,358	2,619	2,771	2,678
Washington	1,909	1,766	1,851	1,805	1,780	1,871
West Virginia	781	935	940	893	930	1,170
Wisconsin	1,252	1,324	1,354	1,398	1,614	1,663
Wyoming	272	283	284	321	386	396

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1062. State Motor Vehicle Registrations: 1980 to 2000

[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. Includes Alaska and Hawaii. See also Table 1065]

Item	1980	1990	1995	1997	1998	1999	2000
All motor vehicles	155,796	188,798	201,530	207,754	211,617	216,309	221,475
Private and commercial	153,265	185,541	197,941	204,079	207,841	212,474	217,567
Publicly owned	2,531	3,257	3,589	3,674	3,776	3,834	3,908
Automobiles ¹	121,601	133,700	128,387	129,749	131,839	132,432	133,621
Private and commercial	120,743	132,164	126,900	128,450	130,500	131,077	132,247
Publicly owned	857	1,536	1,487	1,299	1,339	1,355	1,374
Buses	529	627	686	698	716	729	746
Private and commercial	254	275	288	294	302	307	314
Publicly owned	275	351	398	403	413	422	432
Trucks ¹	33,667	54,470	72,458	77,307	79,062	83,148	87,108
Private and commercial	32,268	53,101	70,754	75,335	77,039	81,091	85,005
Publicly owned	1,399	1,369	1,704	1,972	2,024	2,057	2,103

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.

No. 1063. Alternative Fueled Vehicles in Use by Fuel Type: 1999 to 2001

[339,340 represents 339,340,000]

Fuel type	Alternative fueled vehicles			Fuel consumption (1,000 gasoline-equivalent gallons)		
	1999	2000	2001	1999	2000	2001
Total	406,841	432,344	456,306	339,340	353,760	366,331
Liquified petroleum gases (LPG)	267,000	268,000	269,000	242,141	242,695	243,196
Compressed natural gas (CNG)	89,556	100,530	109,730	86,286	97,568	107,476
Liquified natural gas (LNG)	1,681	1,900	2,039	5,828	6,847	7,566
M85 (Mixture: 85% methanol + 15% gasoline)	18,964	18,365	16,918	1,073	996	918
Neat methanol (M100)	198	195	184	447	437	406
E85 (Mixture: 85% ethanol+15% gasoline)	22,464	34,680	48,022	2,075	3,344	4,575
E95 (Mixture: 95% ethanol + 5% gasoline)	14	13	13	59	54	51
Electricity	6,964	8,661	10,400	1,431	1,819	2,143

Source: Energy Information Administration, *Alternatives to Traditional Transportation Fuels: 1992-2001*.

No. 1064. Number of Households Leasing Vehicles and Number of Vehicles Leased Per Household: 1989 to 1998

Item	Share of households leasing a vehicle for personal use (percent)				Average number of leased vehicles, among households having such vehicles			
	1989	1992	1995	1998	1989	1992	1995	1998
All households	2.5	2.9	4.5	6.4	1.1	1.1	1.1	1.2
Household income:								
Less than \$10,000	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.2
\$10,000 to \$24,999	(Z)	(Z)	1.5	4.0	(Z)	(Z)	1.0	1.1
\$25,000 to \$49,999	(Z)	3.3	3.4	5.0	(Z)	1.1	1.0	1.1
\$50,000 to \$99,999	6.1	4.1	9.4	9.5	1.1	1.1	1.2	1.2
\$100,000 and over	5.0	9.6	14.2	14.8	1.2	1.1	1.3	1.3
Age of household head:								
Less than 35 years	4.2	3.2	4.8	8.2	1.1	1.0	1.0	1.1
35 to 44 years	3.0	4.2	5.4	8.3	1.0	1.1	1.1	1.1
45 to 54 years	3.3	3.2	7.8	7.6	1.1	1.2	1.2	1.3
55 to 64 years	(Z)	3.2	4.1	4.4	1.6	1.2	1.2	1.1
65 to 74 years	(Z)	1.0	1.3	2.9	(Z)	1.0	1.1	1.2
75 years and over	(Z)	(Z)	0.5	1.9	(Z)	(Z)	1.0	1.0
Race/ethnicity of respondent:								
White non-Hispanic	2.7	3.1	4.4	6.3	1.1	1.1	1.1	1.1
Non-White and Hispanic	(Z)	2.3	4.9	6.5	(Z)	1.1	1.1	1.3
Work status of household head:								
Work for someone else	3.5	3.4	6.0	8.1	1.1	1.1	1.1	1.2
Self employed	3.4	7.2	5.2	9.0	1.0	1.1	1.3	1.1
Retired	(Z)	0.7	1.3	1.5	(Z)	1.3	1.0	1.2
Other not working	(Z)	(Z)	3.0	(Z)	(Z)	(Z)	1.0	(Z)
Homeownership status:								
Owner	2.2	3.5	5.8	7.2	1.1	1.1	1.2	1.2
Renter or other	3.0	1.8	2.3	4.8	1.1	1.1	1.1	1.1
Net worth percentile:								
Bottom 25 percent	(Z)	2.1	2.7	4.8	(Z)	1.1	1.1	1.1
25 to 49.9 percent	2.8	(Z)	4.2	5.4	1.1	(Z)	1.0	1.1
50 to 74.9 percent	2.5	3.1	4.2	6.8	1.1	1.1	1.1	1.2
75 to 89.9 percent	2.9	3.5	6.2	7.8	1.0	1.0	1.2	1.2
Top 10 percent	2.5	6.4	8.3	9.5	1.3	1.2	1.3	1.2

Z Ten or fewer observations.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, January 2000, and unpublished revisions.

No. 1065. State Motor Vehicle Registrations, 1980 to 2000, and Licensed Drivers and Motorcycle Registrations by State: 2000

[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 1062.]

State	Motor vehicle registrations ¹							2000		
							2000		Motor-cycle registration (incl. official) ²	Licensed drivers
	1980	1985	1990	1995	1998	1999	Total	Auto-mobiles (incl. taxis)		
U.S	155,796	171,689	188,798	201,530	211,617	216,309	221,475	133,621	4,304	190,625
AL	2,938	3,383	3,744	3,553	3,859	3,957	3,960	1,962	54	3,521
AK	262	353	477	542	546	571	594	244	16	465
AZ	1,917	2,235	2,825	2,873	2,944	3,606	3,795	2,163	164	3,434
CA	1,574	1,384	1,448	1,613	1,754	1,818	1,840	951	25	1,948
AR	16,873	18,899	21,926	22,432	25,600	26,362	27,698	17,321	434	21,244
CO	2,342	2,759	3,155	2,812	3,466	3,858	3,626	1,921	98	3,107
CT	2,147	2,465	2,623	2,622	2,701	2,766	2,853	2,009	54	2,653
DE	397	465	526	592	616	616	630	400	11	557
DC	268	306	262	243	229	235	242	200	1	348
FL	7,614	9,865	10,950	10,369	11,276	11,390	11,781	7,353	249	12,853
GA	3,818	4,580	5,489	6,120	6,893	6,973	7,155	4,067	87	5,550
HI	570	651	771	802	704	718	738	460	20	769
ID	834	854	1,054	1,043	1,119	1,130	1,178	515	42	884
IL	7,477	7,527	7,873	8,973	9,307	9,355	8,973	5,954	195	7,961
IN	3,826	3,824	4,366	5,072	5,372	5,495	5,571	3,245	117	3,976
IA	2,329	2,696	2,632	2,814	3,053	3,050	3,106	1,752	126	1,953
KS	2,007	2,148	2,012	2,085	2,121	2,224	2,296	826	50	1,908
KY	2,593	2,615	2,909	2,631	2,845	2,662	2,826	1,674	44	2,694
LA	2,779	3,012	2,995	3,286	3,431	3,505	3,557	1,965	48	2,759
ME	724	840	977	967	930	915	1,024	618	29	920
MD	2,803	3,276	3,607	3,654	3,750	3,896	3,848	2,606	49	3,382
MI	3,749	3,738	3,726	4,502	5,159	5,333	5,265	3,674	107	4,490
MA	6,488	6,727	7,209	6,774	8,128	8,290	8,436	5,023	182	6,925
MN	3,091	3,385	3,508	3,882	4,178	4,010	4,630	2,626	143	2,941
MS	1,577	1,746	1,875	2,144	2,256	2,317	2,289	1,319	32	2,008
MO	3,271	3,558	3,905	4,255	4,378	4,404	4,580	2,715	61	3,856
MT	680	652	783	968	988	998	1,026	467	26	679
NE	1,254	1,258	1,384	1,467	1,526	1,570	1,619	852	21	1,195
NV	655	709	853	1,047	1,220	1,162	1,220	656	24	1,371
NH	704	974	946	1,122	1,038	1,051	1,052	670	49	930
NJ	4,761	5,164	5,652	5,906	5,780	6,103	6,390	4,451	111	5,655
NM	1,068	1,226	1,301	1,484	1,595	1,576	1,529	730	28	1,239
NY	8,002	9,042	10,196	10,274	10,422	10,756	10,235	7,501	106	10,871
NC	4,532	4,501	5,162	5,682	5,862	5,690	6,223	3,743	82	5,690
ND	627	655	630	695	672	704	694	339	17	459
OH	7,771	8,102	8,410	9,810	10,039	10,236	10,467	6,710	254	8,206
OK	2,583	2,911	2,649	2,856	2,919	2,931	3,014	1,587	57	2,295
OR	2,081	2,204	2,445	2,785	2,980	3,013	3,022	1,541	69	2,495
PA	6,926	7,209	7,971	8,481	8,979	9,009	9,260	6,032	215	8,229
RI	623	610	672	699	715	747	760	539	19	654
SC	1,996	2,222	2,521	2,833	2,893	3,026	3,095	1,924	51	2,843
SD	601	657	704	709	769	782	793	380	29	544
TN	3,271	3,754	4,444	5,400	4,469	4,427	4,820	2,855	71	4,251
TX	10,475	12,444	12,800	13,682	13,324	14,069	14,070	7,616	182	13,462
UT	992	1,099	1,206	1,447	1,532	1,577	1,628	867	28	1,463
VT	347	398	462	492	496	518	515	296	22	506
VA	3,626	4,253	4,938	5,613	5,818	5,871	6,046	3,874	60	4,837
WA	3,225	3,526	4,257	4,503	4,824	4,862	5,116	2,891	118	4,155
WV	1,320	1,143	1,225	1,425	1,378	1,379	1,442	795	26	1,347
WI	2,941	3,187	3,815	3,993	4,203	4,266	4,366	2,527	179	3,770
WY	467	500	528	601	559	528	586	215	19	371

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

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual; and *Selected Highway Statistics and Charts*, annual.

No. 1066. Roadway Congestion: 2000

[15,375 represents 15,375,000 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 70 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	15,375	16,035	47,595	27	505	900	43
Albany-Schenectady-Troy NY	5,500	10,000	2,980	6	115	60	10
Albuquerque NM	3,770	16,045	12,240	21	380	225	32
Atlanta GA	42,940	18,550	97,245	33	635	1,885	56
Austin TX	8,800	15,305	20,640	28	550	400	48
Bakersfield CA	1,930	10,160	1,585	4	60	25	7
Baltimore MD	22,660	15,365	44,385	20	395	860	35
Beaumont TX	1,560	11,555	850	6	105	15	7
Birmingham AL	8,685	12,865	9,610	14	285	190	25
Boston MA	22,890	17,610	84,845	28	525	1,595	45
Boulder CO	490	9,800	510	5	45	5	3
Buffalo-Niagara Falls NY	6,365	10,025	5,560	5	95	105	8
Charleston SC	2,815	11,980	5,625	12	220	100	20
Charlotte NC	7,640	15,915	13,950	22	410	265	37
Chicago IL-Northwestern IN	48,400	18,160	221,300	27	505	4,095	43
Cincinnati OH-KY	15,745	16,150	25,385	20	395	505	34
Cleveland OH	17,285	13,505	15,965	8	165	315	15
Colorado Springs CO	2,515	10,935	5,880	13	235	110	19
Columbus OH	11,850	13,940	17,790	17	330	345	30
Dallas-Fort Worth TX	48,700	15,460	141,125	37	695	2,640	60
Denver CO	16,905	16,335	66,165	35	640	1,225	55
Detroit MI	31,125	17,150	101,340	25	475	1,905	41
El Paso TX-NM	3,975	14,195	6,360	10	185	120	15
Eugene-Springfield OR	1,335	12,135	1,445	7	115	25	9
Fort Myers-Cape Coral FL	400	8,890	2,115	7	105	30	14
Fresno CA	2,550	12,750	6,145	11	215	120	18
Ft. Lauderdale-Hollywood-Pompano Beach FL	12,750	17,585	44,445	28	520	810	44
Hartford-Middletown CT	8,405	13,450	6,805	11	215	140	19
Honolulu HI	5,625	14,065	7,690	11	225	155	19
Houston TX	37,900	15,315	120,945	36	675	2,285	59
Indianapolis IN	11,260	15,530	20,630	20	385	395	34
Jacksonville FL	9,835	13,565	12,585	15	285	245	24
Kansas City MO-KS	19,310	11,160	12,395	9	175	245	16
Las Vegas NV	6,850	16,505	21,650	18	345	415	28
Los Angeles CA	126,495	23,425	791,970	62	1,155	14,635	94
Louisville KY-IN	10,040	14,985	17,855	21	400	335	37
Memphis TN-AR-MS	6,890	13,645	15,460	16	290	285	26
Miami-Hialeah FL	13,585	18,115	74,850	33	600	1,365	51
Milwaukee WI	9,700	15,770	20,360	15	285	390	25
Minneapolis-St. Paul MN	27,095	17,150	63,135	26	495	1,220	44
Nashville TN	10,000	13,160	14,170	20	395	275	34
New Orleans LA	5,615	13,530	11,425	10	195	215	17
New York NY-Northeastern NJ	101,295	15,350	400,115	23	450	7,660	39
Norfolk-Newport News-Virginia Beach VA	11,270	12,880	17,420	12	230	345	20
Oklahoma City OK	8,930	12,070	6,260	6	115	125	10
Omaha NE-IA	3,300	11,000	7,070	11	200	125	18
Orlando FL	9,430	12,920	37,385	31	575	690	48
Pensacola FL	1,130	10,275	3,430	11	165	50	16
Philadelphia PA-NJ	25,445	14,625	70,630	15	290	1,325	25
Phoenix AZ	19,425	18,860	72,590	28	525	1,360	44
Pittsburgh PA	11,130	9,355	12,510	7	130	235	11
Portland-Vancouver OR-WA	12,595	17,865	34,360	23	445	670	38
Providence-Pawtucket RI-MA	8,465	13,125	17,130	19	365	335	32
Richmond VA	7,000	11,025	6,495	10	195	125	17
Sacramento CA	12,170	17,765	27,140	19	385	540	33
Salem OR	1,190	11,900	1,340	7	130	25	10
Salt Lake City UT	6,415	12,830	8,410	9	190	170	17
San Antonio TX	15,775	14,810	25,505	20	380	475	34
San Bernardino-Riverside CA	16,600	18,865	41,825	30	575	810	48
San Diego CA	33,745	18,800	65,305	24	480	1,295	41
San Francisco-Oakland CA	47,980	20,550	167,200	41	795	3,210	67
San Jose CA	16,530	18,680	55,920	33	635	1,065	53
Seattle-Everett WA	22,455	17,475	67,550	34	660	1,315	56
Spokane WA	1,500	11,110	1,760	5	90	30	9
St. Louis MO-IL	25,740	14,460	41,690	20	395	805	35
Tacoma WA	5,305	17,685	8,470	14	280	170	23
Tampa-St. Petersburg-Clearwater FL	8,460	13,115	41,285	21	380	745	32
Tucson AZ	2,150	11,620	7,680	11	220	150	18
Tulsa OK	6,270	11,720	6,965	9	170	135	14
Washington DC-MD-VA	34,535	18,320	123,190	35	655	2,325	56
West Palm Beach-Boca Raton-Delray Beach FL	8,365	16,400	21,010	20	385	395	33

Source: Texas Transportation Institute, College Station, Texas; 2002 *Urban Mobility Study* (issued June 2002). (Copyright). See <<http://mobility.tamu.edu/ums/>>.

No. 1067. Travel in the United States by Selected Trip Characteristics: 1995

[656,462 represents 656,462,000. Trips of 100 miles or more, one way, U.S. destinations only. Data based on a sample and subject to sampling variability. For information and definitions of terms, see source]

Trip characteristic	Household trips		Person trips		Person miles		Personal use vehicle trips		Personal use vehicle miles	
	Number (1,000)	Per-cent	Number (1,000)	Per-cent	Number (1,000)	Per-cent	Number (1,000)	Per-cent	Number (1,000)	Per-cent
Total	656,462	100.0	1,001,319	100.0	826,804	100.0	505,154	100.0	280,127	100.0
Principal means of transportation:										
Personal use vehicles	505,154	77.0	813,858	81.3	451,590	54.6	505,154	100.0	280,127	100.0
Airplane	129,164	19.7	161,165	16.1	355,286	43.0	(X)	(X)	(X)	(X)
Commercial airplane	124,884	19.0	155,936	15.6	347,934	42.1	(X)	(X)	(X)	(X)
Bus	17,340	2.6	20,445	2.0	13,309	1.6	(X)	(X)	(X)	(X)
Intercity bus	2,755	0.4	3,244	0.3	2,723	0.3	(X)	(X)	(X)	(X)
Charter, tour, or school bus	11,890	1.8	14,247	1.4	9,363	1.1	(X)	(X)	(X)	(X)
Train	4,200	0.6	4,994	0.5	4,356	0.5	(X)	(X)	(X)	(X)
Ship, boat, or ferry	391	0.1	614	0.1	1,834	0.2	(X)	(X)	(X)	(X)
Other	213	-	243	-	429	0.1	(X)	(X)	(X)	(X)
Round trip distance:										
Less than 300 miles	194,098	29.6	306,433	30.6	74,658	9.0	185,418	36.7	45,159	16.1
300 to 499 miles	174,389	26.6	274,045	27.4	106,007	12.8	159,743	31.6	61,779	22.1
500 to 999 miles	140,046	21.3	214,006	21.4	146,631	17.7	106,846	21.2	72,114	25.7
1,000 to 1,999 miles	76,110	11.6	108,331	10.8	53,316	6.4	36,722	7.3	49,953	17.8
2,000 miles or more	71,819	10.9	98,503	9.8	346,192	41.9	16,425	3.3	51,123	18.3
Mean (miles)	872	(X)	827	(X)	(X)	(X)	555	(X)	(X)	(X)
Median ² (miles)	438	(X)	425	(X)	(X)	(X)	368	(X)	(X)	(X)
Main purpose of trip: Business	192,537	29.3	224,835	22.5	212,189	25.7	125,036	24.8	61,929	22.1
Pleasure	372,586	56.8	630,110	62.9	506,971	61.3	305,571	60.5	177,698	63.4
Visit friends or relatives	195,468	29.8	330,755	33.0	264,769	32.0	159,981	31.7	92,190	32.9
Leisure ³	177,119	27.0	299,355	29.9	242,201	29.3	145,590	28.8	85,508	30.5
Rest or relaxation	65,017	9.9	115,154	11.5	100,838	12.2	53,780	10.6	33,598	12.0
Sightseeing	24,272	3.7	42,649	4.3	50,781	6.1	18,069	3.6	14,654	5.2
Outdoor recreation	39,899	6.1	65,418	6.5	41,620	5.0	35,987	7.1	19,407	6.9
Entertainment	37,456	5.7	58,757	5.9	42,929	5.2	27,920	5.5	14,531	5.2
Personal business	91,319	13.9	146,338	14.6	107,621	13.0	74,532	14.8	40,490	14.5
Other	19	-	36	-	23	-	16	-	9	-

- Represents or rounds to zero. X Not applicable. ¹ Includes other types of buses. ² For definition of median, see Guide to Tabular Presentation. ³ Includes other leisure activities not shown separately.

Source: U.S. Bureau of Transportation Statistics, 1995 *American Travel Survey*.

No. 1068. National Personal Transportation Survey (NPTS)—Summary of Travel Trends: 1969 to 1995

[87,284 represents 87,284,000,000. Data obtained by collecting information on all trips taken by the respondent on a specific day (known as travel day), combined with longer trips taken over a 2-week period (known as travel period). For compatibility with previous survey data, all data are based only on trips taken during travel day. Be aware that terminology changes from survey to survey. See source for details. 1995 data not comparable with previous years]

Characteristics	Unit	1969 ¹	1977	1983	1990	1995
Vehicle trips	Millions . . .	87,284	108,826	126,874	158,927	229,745
Vehicle miles of travel (VMT)	Millions . . .	775,940	907,603	1,002,139	1,409,600	2,068,368
Person trips	Millions . . .	145,146	211,778	224,385	249,562	378,930
Person miles of travel	Millions . . .	1,404,137	1,879,215	1,946,662	2,315,300	3,411,122
Average annual VMT per household ²	Miles	12,423	12,036	11,739	15,100	20,895
To or from to work	Miles	4,183	3,815	3,538	4,853	6,492
Shopping	Miles	929	1,336	1,567	1,743	2,807
Other family or personal business	Miles	1,270	1,444	1,816	3,014	4,307
Social and recreational	Miles	4,094	3,286	3,534	4,060	4,764
Average annual vehicle trips per household ²	Number . . .	1,396	1,442	1,486	1,702	2,321
To or from to work	Number . . .	445	423	414	448	553
Shopping	Number . . .	213	268	297	345	501
Other family or personal business	Number . . .	195	215	272	411	626
Social and recreational	Number . . .	312	320	335	349	427
Average vehicle trip length ²	Miles	8.90	8.35	7.90	8.98	9.06
To or from to work	Miles	9.40	9.02	8.55	10.97	11.80
Shopping	Miles	4.36	4.99	5.28	5.10	5.64
Other family or personal business	Miles	6.51	6.72	6.68	7.43	6.93
Social and recreational	Miles	13.12	10.27	10.55	11.80	11.24
Average vehicle occupancy ²	Persons . . .	(NA)	1.9	1.75	1.64	1.59
To or from to work	Persons . . .	(NA)	1.3	1.29	1.14	1.14
Shopping	Persons . . .	(NA)	2.1	1.79	1.71	1.74
Other family or personal business	Persons . . .	(NA)	2.0	1.81	1.84	1.78
Social and recreational	Persons . . .	(NA)	2.4	2.12	2.08	2.04
Workers by usual mode to work	Percent . . .	100.0	100.0	100.0	100.0	100.0
Auto	Percent . . .	90.8	93.0	92.4	87.8	91.0
Public transit	Percent . . .	8.4	4.7	5.8	5.3	5.1
Other	Percent . . .	0.8	2.3	1.8	6.9	3.9

NA Not available. ¹ Excludes pickups and other light-trucks as household vehicles. ² Includes other purposes not shown separately.

Source: U.S. Federal Highway Administration, *Summary of Travel Trends, 1995 National Personal Transportation Survey*, December 1999.

No. 1069. Motor Vehicle Accidents—Number and Deaths: 1980 to 2000

[17.9 represents 17,900,000]

Item	Unit	1980	1985	1990	1995	1996	1997	1998	1999	2000
Motor vehicle accidents ¹	Million	17.9	19.3	11.5	10.7	11.2	13.8	12.7	11.4	13.4
Vehicles involved:										
Cars	Million	22.8	25.6	14.3	12.3	13.3	16.0	13.8	11.6	15.9
Trucks	Million	5.5	6.1	4.4	4.5	4.8	7.7	7.3	6.2	8.8
Motorcycles	1,000	560	480	180	152	135	138	100	70	130
Motor vehicle deaths within 1 yr. ²	1,000	53.2	45.9	46.8	43.4	43.6	43.5	41.8	41.3	43.0
Noncollision accidents	1,000	14.7	12.6	4.9	4.4	4.6	4.4	4.2	4.3	4.6
Collision accidents:										
With other motor vehicles	1,000	23.0	19.9	19.9	19	19.6	19.9	18.5	18.8	20.6
With pedestrians	1,000	9.7	8.5	7.3	6.4	6.1	5.9	5.9	5.8	5.3
With fixed objects	1,000	3.7	3.2	13.1	12.1	12.1	12.0	12.0	11.1	11.2
Deaths within 30 days ³	1,000	51.1	43.8	44.6	41.8	42.1	42.0	41.5	41.7	41.8
Occupants	1,000	41.9	36.0	37.1	35.3	35.7	35.7	35.4	35.9	36.2
Passenger cars	1,000	27.4	23.2	24.1	22.4	22.5	22.2	21.2	20.9	20.5
Light trucks	1,000	7.5	6.7	8.6	9.6	9.9	10.2	10.7	11.3	11.4
Large trucks	1,000	1.3	1.0	0.7	0.6	0.6	0.7	0.7	0.8	0.7
Motorcycles	1,000	5.1	4.6	3.2	2.2	2.2	2.1	2.3	2.5	2.9
Buses	1,000	(Z)	0.1	(Z)	(Z)	(Z)	(Z)	(Z)	0.1	(Z)
Other/unknown	1,000	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.7
Nonoccupants	1,000	9.2	7.8	7.5	6.5	6.4	6.3	6.1	5.8	5.6
Pedestrians	1,000	8.1	6.8	6.5	5.6	5.4	5.3	5.2	4.9	4.7
Pedicyclist	1,000	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7
Other/unknown	1,000	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
Traffic death rates: ^{3 4}										
Per 100 million vehicle miles	Rate	3.3	2.5	2.1	1.7	1.7	1.6	1.6	1.6	1.5
Per 100,000 licensed drivers	Rate	35.2	27.9	26.7	23.7	23.4	23.0	22.4	22.3	21.9
Per 100,000 registered vehicles	Rate	34.8	26.4	24.2	21.2	20.9	20.6	20.0	19.6	19.3
Per 100,000 resident population	Rate	22.5	18.4	17.9	15.9	15.9	15.7	15.4	15.3	15.2

Z Fewer than 50. ¹ Covers only accidents occurring on the road. 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, 2000*, and unpublished data. ⁴ Based on 30-day definition of traffic deaths.

Source: Except as noted, National Safety Council, Itasca, IL, *Injury Facts*, annual (copyright).

No. 1070. Motor Vehicle Deaths by State: 1980 to 2000

[For deaths within 30 days of the accident]

State	Fatality rate ¹						State	Fatality rate ¹					
	1980	1990	1999	2000	1980	2000		1980	1990	1999	2000	1980	2000
U.S. 1	51,091	44,599	41,717	41,821	3.3	1.5	MO	1,175	1,097	1,094	1,157	3.4	1.7
AL	940	1,121	1,138	995	3.2	1.8	MT	325	212	220	237	4.9	2.4
AK	88	98	79	103	3.3	2.2	NE	396	262	295	276	3.5	1.5
AZ	947	869	1,024	1,036	5.3	2.1	NV	346	343	350	323	5.7	1.8
AR	588	604	604	652	3.6	2.2	NH	194	158	140	126	3.0	1.0
CA	5,496	5,192	3,559	3,753	3.5	1.2	NJ	1,120	886	726	731	2.2	1.1
CO	709	544	626	681	3.2	1.6	NM	606	499	460	430	5.4	1.9
CT	575	385	301	342	3.0	1.1	NY	2,610	2,217	1,599	1,458	3.4	1.1
DE	153	138	100	123	3.6	1.5	NC	1,503	1,385	1,505	1,472	3.6	1.6
DC	41	48	41	49	1.2	1.4	ND	151	112	119	86	2.9	1.2
FL	2,825	2,891	2,920	2,999	3.6	2.0	OH	2,033	1,638	1,430	1,351	2.8	1.3
GA	1,508	1,562	1,508	1,541	3.5	1.5	OK	959	641	741	652	3.5	1.5
HI	186	177	98	131	3.3	1.5	OR	646	579	414	451	3.4	1.3
ID	331	244	278	276	4.8	2.0	PA	2,089	1,646	1,549	1,520	2.9	1.5
IL	1,975	1,589	1,456	1,418	3.0	1.4	RI	129	84	88	80	2.4	1.0
IN	1,166	1,049	1,020	875	3.0	1.2	SC	852	979	1,065	1,065	3.8	2.3
IA	626	465	490	445	3.3	1.5	SD	228	153	150	173	3.7	2.1
KS	595	444	540	461	3.4	1.6	TN	1,153	1,177	1,302	1,306	3.4	2.0
KY	820	849	814	820	3.2	1.8	TX	4,366	3,250	3,522	3,769	3.8	1.7
LA	1,219	959	938	937	5.0	2.3	UT	334	272	360	373	3.1	1.7
ME	265	213	181	169	3.5	1.2	VT	137	90	90	79	3.7	1.2
MD	756	707	590	588	2.6	1.2	VA	1,045	1,079	878	930	2.7	1.2
MA	881	605	414	433	2.5	0.8	WA	971	825	637	632	3.4	1.2
MI	1,750	1,571	1,382	1,382	2.8	1.4	WV	523	481	395	410	4.9	2.1
MN	848	566	626	625	3.0	1.2	WI	972	769	745	799	3.1	1.4
MS	695	750	927	949	4.2	2.7	WY	245	125	189	152	4.9	1.9

¹ Deaths per 100 million vehicle miles traveled.

Source: U.S. National Highway Traffic Safety Administration, *Traffic Safety Facts, 2000*.

No. 1071. Fatal Motor Vehicle Accidents—National Summary: 1990 to 2000

[Based on data from the Fatal Accident 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	1994	1995	1996	1997	1998	1999	2000
Fatal crashes, total	39,836	36,254	37,241	37,494	37,324	37,107	37,140	37,409
One vehicle involved	23,445	20,526	21,250	21,134	20,807	20,900	20,911	21,052
Two or more vehicles involved	16,391	15,728	15,991	16,360	16,517	16,207	16,229	16,357
Persons killed in fatal crashes	44,599	40,716	41,817	42,065	42,013	41,501	41,717	41,821
Occupants	37,134	34,318	35,291	35,695	35,725	35,382	35,875	36,249
Drivers	25,750	23,691	24,390	24,534	24,667	24,743	25,257	25,492
Passengers	11,276	10,518	10,782	11,058	10,944	10,530	10,521	10,669
Other	108	109	119	103	114	109	97	88
Nonmotorists	7,465	6,398	6,526	6,370	6,288	6,119	5,842	5,572
Pedestrians	6,482	5,489	5,584	5,449	5,321	5,228	4,939	4,739
Pedalcyclists	859	802	833	765	814	760	754	690
Other	124	107	109	156	153	131	149	143
Occupants killed by vehicle type:								
Passenger cars	24,092	21,997	22,423	22,505	22,199	21,194	20,862	20,492
Mini-compact (95 inches)	3,556	2,339	2,207	2,037	1,763	1,480	1,224	1,096
Subcompact (95 to 99 inches)	4,753	4,721	4,584	4,581	4,457	4,034	3,663	3,622
Compact (100 to 104 inches)	5,310	6,322	6,899	7,288	7,195	6,804	6,942	6,933
Intermediate (105 to 109 inches)	4,849	4,407	4,666	4,670	4,794	4,617	4,721	5,131
Full size (110 to 114 inches)	2,386	2,074	2,116	2,147	2,242	2,014	2,179	2,259
Largest (115 inches and over)	2,249	1,486	1,297	1,270	1,239	1,092	708	884
Unknown	989	648	654	512	509	1,153	1,425	567
Motorcycles	3,129	2,190	2,114	2,046	2,028	2,186	2,374	2,747
Other motorized cycles	115	130	113	115	88	108	109	115
Light Trucks	8,601	8,904	9,568	9,932	10,249	10,705	11,265	11,418
Pickup	5,979	5,574	5,938	5,904	5,887	5,921	6,127	5,953
Utility	1,214	1,757	1,935	2,147	2,380	2,713	3,026	3,324
Van	1,154	1,508	1,639	1,832	1,914	2,042	2,088	2,104
Other	254	65	56	49	68	29	24	37
Medium trucks	134	109	96	87	122	99	90	101
Heavy trucks	571	561	552	534	601	643	669	640
Buses	32	18	33	21	18	38	59	22
Other vehicles	296	317	307	340	343	336	355	398
Unknown	164	92	85	115	77	73	92	316
Persons involved in fatal crashes	107,777	98,945	102,102	103,347	102,197	101,100	100,666	100,397
Occupants	99,297	91,644	94,621	96,159	95,050	94,241	93,959	94,030
Drivers	58,893	54,549	56,164	57,001	56,688	56,604	56,502	57,090
Passengers	40,229	36,898	38,252	38,913	38,184	37,448	37,280	36,787
Other	175	197	205	245	178	189	177	153
Nonoccupants	8,480	7,301	7,481	7,188	7,147	6,859	6,707	6,367
Vehicle miles traveled (VMT) (100 mil)	21,444	23,576	24,227	24,858	25,617	26,315	26,911	27,498
Licensed drivers (1,000)	167,015	175,403	176,628	179,539	182,709	184,980	187,170	190,625
Registered vehicles (1,000)	184,275	192,497	197,065	201,631	203,568	208,076	212,685	217,028
Percent distribution of fatal accidents by the highest blood alcohol concentration (BAC) in accident:								
0.00 percent	50.6	59.1	58.7	59.1	61.5	61.3	61.6	60.3
0.01 to 0.09 percent	9.7	8.4	8.6	8.7	8.1	8.3	8.3	8.8
0.10 percent and over	39.7	32.5	32.6	32.1	30.3	30.4	30.1	30.9
Fatalities per 100,000 population:								
Under 5 years old	4.9	4.8	4.3	4.6	4.1	4.0	3.9	3.7
5 years to 15 years old	6.4	6.0	6.0	5.7	5.6	5.2	5.1	4.8
16 years to 24 years old	35.2	30.6	30.7	30.7	29.3	28.5	28.9	29.1
25 years to 44 years old	19.7	16.3	17.2	16.9	16.6	16.4	16.4	16.6
45 years to 64 years old	14.9	13.3	13.6	13.8	14.2	14.0	13.8	13.9
65 years to 79 years old	18.8	18.7	18.5	18.7	19.2	18.7	18.3	17.1
80 years old and over	26.8	28.0	28.0	27.8	29.2	28.4	27.3	24.9
Fatalities per 100 million VMT:								
Fatalities per 100,000 licensed drivers	26.7	23.2	23.7	23.4	23.0	22.4	22.3	21.9
Licensed driver per person	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
VMT per registered vehicle	11,637	12,247	12,294	12,329	12,584	12,647	12,653	12,670
Fatalities per 100,000 registered vehicles	24.2	21.2	21.2	20.9	20.6	19.9	19.6	19.3
Fatal crashes per 100 million VMT:								
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	2.6	2.5	2.5	2.5	2.5
Fatalities per 100,000 population	17.9	15.6	15.9	15.9	15.7	15.4	15.3	15.2

Source: U.S. National Highway Traffic Safety Administration, *Fatal Accident Reporting System*, annual.

No. 1072. Motor Vehicle Occupants and Nonoccupants Killed and Injured: 1985 to 2000

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

Year	Occupants							Nonoccupants				
	Total	Total	Pas-senger cars	Light trucks	Large trucks ¹	Motor-cycles ²	Buses	Other/unknown	Total	Pedestrian	Pedal-cyclist	Other/unknown
KILLED												
1985	43,825	36,043	23,212	6,689	977	4,564	57	544	7,782	6,808	890	84
1986	46,087	38,234	24,944	7,317	926	4,566	39	442	7,853	6,779	941	137
1987	46,390	38,565	25,132	8,058	852	4,036	51	436	7,825	6,745	948	132
1988	47,087	39,170	25,808	8,306	911	3,662	54	429	7,917	6,870	911	136
1989	45,582	38,087	25,063	8,551	858	3,141	50	424	7,495	6,556	832	107
1990	44,599	37,134	24,092	8,601	705	3,244	32	460	7,465	6,482	859	124
1991	41,508	34,740	22,385	8,391	661	2,806	31	466	6,768	5,801	843	124
1992	39,250	32,880	21,387	8,098	585	2,395	28	387	6,370	5,549	723	98
1993	40,150	33,574	21,566	8,511	605	2,449	18	425	6,576	5,649	816	111
1994	40,716	34,318	21,997	8,904	670	2,320	18	409	6,398	5,489	802	107
1995	41,817	35,291	22,423	9,568	648	2,227	33	392	6,526	5,584	833	109
1996 ³	42,065	35,695	22,505	9,932	621	2,161	21	455	6,368	5,449	785	154
1997	42,013	35,725	22,199	10,249	723	2,116	18	420	6,288	5,321	814	153
1998	41,501	35,382	21,194	10,705	742	2,294	38	409	6,119	5,228	760	131
1999	41,717	35,875	20,862	11,265	759	2,483	59	447	5,842	4,939	754	149
2000	41,821	36,249	20,492	11,418	741	2,862	22	714	5,572	4,739	690	143
INJURED (1,000)												
1988	3,416	3,224	2,585	478	37	105	15	4	192	110	75	8
1989	3,284	3,088	2,431	511	43	83	15	5	196	112	73	11
1990	3,231	3,044	2,376	505	42	84	33	4	187	105	75	7
1991	3,097	2,931	2,235	563	28	80	21	4	166	88	67	11
1992	3,070	2,908	2,232	545	34	65	20	12	162	89	63	10
1993	3,149	2,978	2,265	601	32	59	17	4	171	94	68	9
1994	3,266	3,102	2,364	631	30	57	16	4	164	92	62	9
1995	3,465	3,303	2,469	722	30	57	19	4	162	86	67	10
1996	3,483	3,332	2,458	761	33	55	20	4	151	82	58	11
1997	3,348	3,201	2,341	755	31	53	17	6	146	77	58	11
1998	3,192	3,061	2,201	763	29	49	16	4	131	69	53	8
1999	3,236	3,097	2,138	847	33	50	22	7	140	85	51	3
2000	3,189	3,055	2,052	887	31	58	18	10	134	78	51	5

¹ Medium and heavy trucks. ² Includes motorized cycles. ³ Includes two fatalities of unknown type.

Source: U.S. National Highway Traffic Safety Administration, *Traffic Safety Facts, 2000*; and unpublished data.

No. 1073. Large Truck Involvement in Fatal Crashes by State: 2000

[Medium/heavy trucks represents trucks over 10,000 pounds gross vehicle weight, including single unit trucks]

State	Large trucks involved in fatal crashes				State	Large trucks involved in fatal crashes			
	Total vehicles involved in fatal crashes	Number	Percent of total vehicles	Percent of U.S. total for large trucks		Total vehicles involved in fatal crashes	Number	Percent of total vehicles	Percent of U.S. total for large trucks
United States	57,403	4,930	8.6	100.0	Missouri	1,584	165	10.4	3.3
Alabama	1,367	153	11.2	3.1	Montana	288	24	8.3	0.5
Alaska	121	4	3.3	0.1	Nebraska	372	52	14.0	1.1
Arizona	1,367	100	7.3	2.0	Nevada	402	36	9.0	0.7
Arkansas	853	109	12.8	2.2	New Hampshire	170	10	5.9	0.2
California	5,123	364	7.1	7.4	New Jersey	1,056	88	8.3	1.8
Colorado	933	65	7.0	1.3	New Mexico	557	43	7.7	0.9
Connecticut	470	36	7.7	0.7	New York	2,020	153	7.6	3.1
Delaware	182	21	11.5	0.4	North Carolina	2,043	170	8.3	3.4
District of Columbia	67	3	4.5	0.1	North Dakota	106	11	10.4	0.2
Florida	4,276	302	7.1	6.1	Ohio	1,912	182	9.5	3.7
Georgia	2,158	208	9.6	4.2	Oklahoma	895	107	12.0	2.2
Hawaii	172	1	0.6	(Z)	Oregon	633	60	9.5	1.2
Idaho	338	26	7.7	0.5	Pennsylvania	2,126	177	8.3	3.6
Illinois	1,977	163	8.2	3.3	Rhode Island	96	1	1.0	0.0
Indiana	1,274	166	13.0	3.4	South Carolina	1,417	86	6.1	1.7
Iowa	635	84	13.2	1.7	South Dakota	219	22	10.0	0.4
Kansas	642	79	12.3	1.6	Tennessee	1,754	157	9.0	3.2
Kentucky	1,084	97	8.9	2.0	Texas	5,083	444	8.7	9.0
Louisiana	1,235	113	9.1	2.3	Utah	467	39	8.4	0.8
Maine	231	24	10.4	0.5	Vermont	95	8	8.4	0.2
Maryland	882	67	7.6	1.4	Virginia	1,288	96	7.5	1.9
Massachusetts	608	46	7.6	0.9	Washington	868	64	7.4	1.3
Michigan	2,016	147	7.3	3.0	West Virginia	523	48	9.2	1.0
Minnesota	884	75	8.5	1.5	Wisconsin	1,115	98	8.8	2.0
Mississippi	1,237	118	9.5	2.4	Wyoming	182	18	9.9	0.4

Z Less than 0.05 percent.

Source: U.S. National Highway Traffic Safety Administration, *Traffic Safety Facts, annual*; and unpublished data.

No. 1074. Speeding-Related Traffic Fatalities by Road Type and Speed Limit: 2000

[Speeding consists of exceeding the posted speed limit or driving too fast for the road conditions]

State	Speeding-related fatalities by road type and speed limit									
	Traffic fatalities, total	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	41,821	12,350	1,309	395	3,306	480	1,431	785	1,305	1,245
Alabama	995	369	38	3	88	7	133	28	35	20
Alaska	103	49	6	5	11	4	6	1	5	5
Arizona	1,036	354	43	10	63	34	66	35	18	33
Arkansas	652	144	19	2	75	4	10	4	11	11
California	3,753	1,331	219	29	327	55	92	105	186	106
Colorado	681	281	32	14	40	13	29	27	42	57
Connecticut	342	121	7	16	7	1	10	10	17	45
Delaware	123	27	1	2	3	14	1	1	4	1
District of Columbia	49	15	-	-	-	-	-	-	1	14
Florida	2,999	525	60	7	60	11	106	43	57	73
Georgia	1,541	342	33	16	123	6	52	23	45	27
Hawaii	131	54	-	-	4	1	3	-	15	10
Idaho	276	86	16	-	11	14	5	-	12	10
Illinois	1,418	492	27	46	180	6	54	27	77	73
Indiana	875	226	22	12	44	11	29	14	8	20
Iowa	445	51	5	-	26	3	4	-	2	5
Kansas	461	123	11	-	21	-	2	6	6	14
Kentucky	820	169	16	3	114	1	6	1	18	6
Louisiana	937	111	3	2	44	5	19	8	14	12
Maine	169	71	4	2	3	5	27	8	6	13
Maryland	588	195	9	13	18	27	14	28	24	29
Massachusetts	433	151	19	4	9	4	10	18	25	60
Michigan	1,382	276	25	4	126	9	31	5	20	36
Minnesota	625	171	14	8	86	7	5	5	2	31
Mississippi	949	221	21	-	77	16	40	9	23	17
Missouri	1,157	456	70	16	170	5	20	19	34	37
Montana	237	96	14	-	2	1	5	-	8	4
Nebraska	276	64	20	-	4	21	-	2	3	4
Nevada	323	122	10	4	12	4	22	2	23	11
New Hampshire	126	35	1	2	4	2	1	6	7	5
New Jersey	731	57	6	4	3	6	5	6	10	12
New Mexico	430	164	19	3	46	6	17	9	17	14
New York	1,458	434	7	29	164	17	25	25	19	88
North Carolina	1,472	519	27	7	296	11	106	5	54	4
North Dakota	86	34	1	-	19	-	-	3	-	5
Ohio	1,351	318	10	1	-	-	-	-	-	1
Oklahoma	652	245	55	2	44	8	42	16	7	5
Oregon	451	146	7	6	79	-	9	12	14	13
Pennsylvania	1,520	582	35	23	157	10	117	75	112	47
Rhode Island	80	39	-	5	3	2	3	5	8	13
South Carolina	1,065	312	40	2	103	7	62	12	42	14
South Dakota	173	59	10	2	16	-	5	4	2	3
Tennessee	1,306	320	23	15	92	14	66	35	25	34
Texas	3,769	1,446	168	59	230	44	100	87	134	116
Utah	373	109	22	2	17	8	4	11	9	8
Vermont	79	31	5	-	-	18	-	-	3	3
Virginia	930	166	17	11	79	-	22	1	18	16
Washington	632	242	37	-	30	32	9	24	50	28
West Virginia	410	117	16	2	51	4	10	13	14	5
Wisconsin	799	220	16	1	121	1	27	7	19	22
Wyoming	152	62	23	1	4	1	-	-	-	5

- 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 1995, Speeding, Traffic Safety Facts, Speeding*, annual; and unpublished data.

No. 1075. Traffic Fatalities by State and Highest Blood Alcohol Concentration (BAC) in the Crash: 2000

[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					
				Total		Low alcohol (BAC=0.01-0.09 g/dl)		High alcohol (BAC=0.10 g/dl or more)	
	Traffic fatalities, total	Number	Percent	number	Percent	Number	Percent	Number	Percent
United States	41,821	25,168	60	16,653	40	3,761	9	12,892	31
Alabama	995	596	60	399	40	74	7	326	33
Alaska	103	50	48	53	52	9	9	44	43
Arizona	1,036	580	56	456	44	102	10	354	34
Arkansas	652	452	69	200	31	61	9	139	21
California	3,753	2,352	63	1,401	37	340	9	1,061	28
Colorado	681	425	62	256	38	58	8	198	29
Connecticut	342	184	54	158	46	40	12	119	35
Delaware	123	63	51	60	49	11	9	49	40
District of Columbia	49	30	61	19	39	5	10	14	29
Florida	2,999	1,808	60	1,191	40	261	9	930	31
Georgia	1,541	971	63	570	37	132	9	438	28
Hawaii	131	77	59	54	41	17	13	37	28
Idaho	276	162	59	114	41	33	12	81	29
Illinois	1,418	804	57	614	43	126	9	489	34
Indiana	875	605	69	270	31	56	6	214	24
Iowa	445	321	72	124	28	24	6	100	22
Kansas	461	307	67	154	33	36	8	118	26
Kentucky	820	564	69	256	31	53	6	203	25
Louisiana	937	490	52	447	48	95	10	352	38
Maine	169	118	70	51	30	13	7	38	22
Maryland	588	363	62	225	38	64	11	161	27
Massachusetts	433	215	50	218	50	65	15	153	35
Michigan	1,382	876	63	506	37	109	8	397	29
Minnesota	625	370	59	255	41	48	8	207	33
Mississippi	949	570	60	379	40	89	9	289	30
Missouri	1,157	646	56	511	44	124	11	387	33
Montana	237	127	54	110	46	18	8	92	39
Nebraska	276	173	63	103	37	33	12	70	25
Nevada	323	178	55	145	45	32	10	112	35
New Hampshire	126	77	61	49	39	9	7	40	31
New Jersey	731	412	56	319	44	88	12	231	32
New Mexico	430	225	52	205	48	46	11	159	37
New York	1,458	1,039	71	419	29	126	9	293	20
North Carolina	1,472	949	64	523	36	103	7	419	28
North Dakota	86	45	52	41	48	5	6	36	42
Ohio	1,351	835	62	516	38	105	8	411	30
Oklahoma	652	431	66	221	34	53	8	169	26
Oregon	451	263	58	188	42	56	12	132	29
Pennsylvania	1,520	902	59	618	41	107	7	511	34
Rhode Island	80	39	49	41	51	10	12	31	38
South Carolina	1,065	643	60	422	40	94	9	329	31
South Dakota	173	92	53	81	47	15	9	66	38
Tennessee	1,306	795	61	511	39	112	9	399	31
Texas	3,769	1,871	50	1,898	50	448	12	1,450	38
Utah	373	284	76	89	24	21	6	68	18
Vermont	79	48	61	31	39	4	5	27	34
Virginia	930	589	63	341	37	85	9	257	28
Washington	632	357	56	275	44	59	9	217	34
West Virginia	410	235	57	175	43	26	6	149	36
Wisconsin	799	454	57	345	43	57	7	288	36
Wyoming	152	107	70	45	30	6	4	40	26

Source: U.S. National Highway Traffic Safety Administration, *Traffic Safety Facts*, annual; and unpublished data.

No. 1076. Fatalities by Highest Blood Alcohol Concentration in the Crash: 1985 to 2000

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

Item	1985	1990	1993	1994	1995	1996	1997	1998	1999	2000
Total fatalities	43,825	44,599	40,150	40,716	41,817	42,065	42,013	41,501	41,717	41,821
Fatalities in alcohol-related crashes	22,716	22,084	17,473	16,580	17,247	17,218	16,189	16,020	15,976	16,653
Percent	51.8	49.5	43.5	40.7	41.2	40.9	38.5	38.6	38.3	39.8
BAC = 0.01-0.09 g/dl:										
Number	4,604	4,434	3,496	3,480	3,746	3,774	3,480	3,526	3,523	3,761
Percent	10.5	9.9	8.7	8.5	9	9	8.3	8.5	8.4	9.0
BAC = 0.10 g/dl or more:										
Number	18,111	17,650	13,977	13,100	13,501	13,444	12,710	12,494	12,453	12,892
Percent	41.3	39.6	34.8	32.2	32.3	32	30.3	30.1	29.9	30.8
Fatalities with BAC = 0.00 g/dl:										
Number	21,109	22,515	22,677	24,136	24,570	24,847	25,824	25,481	25,741	25,168
Percent	48.2	50.5	56.5	59.3	58.8	59.1	61.5	61.4	61.7	60.2

Source: U.S. National Highway Traffic Safety Administration, *Traffic Safety Facts*, annual; and unpublished data.

No. 1077. Crashes by Crash Severity: 1990 to 2000

[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	1993	1994	1995	1996	1997	1998	1999	2000
Crashes (1,000)	6,471	6,106	6,496	6,699	6,770	6,624	6,335	6,279	6,394
Fatal	39.8	35.8	36.3	37.2	37.5	37.3	37.1	37.1	37.4
Nonfatal injury	2,122	2,022	2,123	2,217	2,238	2,149	2,029	2,054	2,070
Property damage only	4,309	4,048	4,336	4,446	4,494	4,438	4,269	4,188	4,286
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	32.7	33.1	33.1	32.4	32.0	32.7	32.4
Property damage only	66.6	66.3	66.8	66.4	66.4	67.0	67.4	66.7	67.0

Source: U.S. National Highway Safety Traffic Administration, *Traffic Safety Facts, 2000*.

No. 1078. Alcohol Involvement for Drivers in Fatal Crashes: 1990 and 2000

[BAC = blood alcohol concentration]

Drivers involved in fatal crashes	1990		2000	
	Number of drivers	Percentage with BAC of 0.10% or greater	Number of drivers	Percentage with BAC of 0.10% or greater
Total drivers ¹	58,893	25	57,090	18
Drivers by age group:				
16 to 20 years old	8,821	21	7,956	15
21 to 24 years old	7,195	35	5,895	27
25 to 34 years old	15,764	33	11,630	24
35 to 44 years old	10,177	26	11,039	22
45 to 64 years old	9,935	16	12,857	14
65 years old and over	5,501	6	6,226	5
Drivers by sex:				
Male	44,281	28	41,407	20
Female	13,726	14	14,654	11
Drivers by vehicle type:				
Passenger cars	33,893	24	27,356	19
Light trucks	15,501	29	20,192	20
Large trucks	4,709	2	4,883	1
Motorcycles	3,269	39	2,936	27

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

Source: U.S. National Highway Safety Traffic Administration, *Traffic Safety Facts, 2000*.

No. 1079. Licensed Drivers and Number in Accidents by Age: 2000

[189,800 represents 189,800,000]

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	189,800	100.0	61,400	100.0	25,100	100.0	32	13
Under 16 years old	31	(Z)	600	1.0	180	0.7	(³)	(³)
16 years old	1,448	0.8	1,600	2.6	840	3.3	110	58
17 years old	2,310	1.2	2,000	3.3	1,030	4.1	87	45
18 years old	2,849	1.5	2,300	3.7	1,020	4.1	81	36
19 years old	2,986	1.6	2,100	3.4	960	3.8	70	32
19 years old and under	9,624	5.1	8,600	14.0	4,030	16.1	89	42
20 years old	3,251	1.7	2,000	3.3	870	3.5	62	27
21 years old	3,191	1.7	1,600	2.6	480	1.9	50	15
22 years old	3,173	1.7	1,300	2.1	440	1.8	41	14
23 years old	3,284	1.7	1,300	2.1	400	1.6	40	12
24 years old	3,182	1.7	1,000	1.6	370	1.5	31	12
20 to 24 years old	16,081	8.5	7,200	11.7	2,560	10.2	45	16
25 to 34 years old	35,915	18.9	11,600	18.9	5,540	22.1	32	15
35 to 44 years old	41,815	22.0	12,200	19.9	5,240	20.9	29	13
45 to 54 years old	36,573	19.3	9,300	15.1	3,690	14.7	25	10
55 to 64 years old	22,778	12.0	5,000	8.1	1,960	7.8	22	9
65 to 74 years old	15,741	8.3	3,700	6.0	1,190	4.7	24	8
75 years old and over	11,273	5.9	3,800	6.2	890	3.5	34	8

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, 2001*, (copyright).

No. 1080. Motor Vehicle Distance Traveled by Type of Vehicle: 1970 to 2000

[1,110 represents 1,110,000,000,000. Travel estimates based on automatic traffic recorder data. Speed trend data for 1970 were collected by several state highway agencies, normally during summer months; beginning 1980 all states have monitored speeds at locations on several highway systems Monitoring Program]

Year	Vehicle-miles of travel (bil.)					Avg. miles per vehicle (1,000)				
	Passenger cars					Passenger cars				
	Total	Cars ¹	Buses ²	Vans, pickups, SUVs	Trucks ³	Total	Cars ¹	Buses ²	Vans, pickups, SUVs	Trucks ³
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
1985	1,775	1,256	4.5	391	124	10.0	9.4	7.5	10.5	20.6
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	2,750	1,602	7.7	924	206	12.2	11.9	10.2	11.7	25.7

¹ Includes motorcycles through 1994; thereafter in total, not shown separately. ² Includes school buses. ³ Includes combinations.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1081. Passenger Transit Industry—Summary: 1980 to 2000

[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	1998	1999	2000
Operating systems	Number	1,044	4,972	5,078	5,973	6,000	6,000	6,000
Motor bus systems	Number	1,040	2,631	2,688	2,250	2,262	2,262	2,262
Passenger vehicles, active ¹	Number	75,388	94,368	92,961	115,874	123,855	128,516	131,493
Motor bus	Number	59,411	64,258	58,714	67,107	72,142	74,228	75,013
Trolley bus	Number	823	676	832	885	880	859	951
Heavy rail	Number	9,641	9,326	10,419	10,157	10,301	10,306	10,591
Light rail	Number	1,013	717	913	999	1,220	1,297	1,577
Commuter rail	Number	4,500	4,035	4,415	4,565	4,963	4,883	5,073
Demand response	Number	(NA)	14,490	16,471	29,352	29,646	31,884	33,080
Operating funding, total	Mil. dol	6,510	12,195	16,053	18,241	21,062	22,220	24,243
Passenger funding	Mil. dol	2,557	4,575	5,891	6,801	7,969	8,282	8,746
Other operating funding ²	Mil. dol	248	702	895	2,812	3,685	3,648	4,217
Operating assistance:	Mil. dol	3,705	6,918	9,267	8,628	9,407	10,290	11,280
Federal	Mil. dol	1,094	940	970	817	751	872	994
Local ³	Mil. dol	2,611	5,979	5,327	3,981	4,377	4,540	5,319
State ³	Mil. dol	(NA)	(NA)	2,970	3,830	4,279	4,878	4,967
Total expense	Mil. dol	6,711	14,077	17,979	21,540	24,318	25,538	28,194
Operating expense	Mil. dol	6,247	12,381	15,742	17,849	19,739	20,512	22,646
Reconciling expense	Mil. dol	464	1,696	2,237	3,691	4,579	5,025	5,548
Capital and planning grants, federal ⁴	Mil. dol	2,787	2,559	2,428	5,534	4,225	5,395	7,366
Capital expenditures	Million	(NA)	(NA)	(NA)	7,230	7,893	8,975	9,587
Vehicle-miles operated ¹	Million	2,287	2,791	3,242	3,550	3,794	3,972	4,081
Motor bus	Million	1,677	1,863	2,130	2,184	2,175	2,276	2,315
Trolley bus	Million	13	16	14	14	14	14	14
Heavy rail	Million	385	451	537	537	566	578	595
Light rail	Million	18	17	24	35	44	49	53
Commuter rail	Million	179	183	213	238	260	266	271
Demand response	Million	(NA)	247	306	507	671	718	759
Passengers carried ¹	Million	8,567	8,636	8,799	7,763	8,750	9,168	9,363
Motor bus	Million	5,837	5,675	5,677	4,848	5,399	5,648	5,678
Trolley bus	Million	142	142	126	119	117	120	122
Heavy rail	Million	2,108	2,290	2,346	2,033	2,393	2,521	2,632
Light rail	Million	133	132	175	251	276	292	320
Commuter rail	Million	280	275	328	344	381	396	413
Demand response	Million	(NA)	59	68	88	95	100	105
Avg. funding per passenger	Cents	29.8	53.0	66.9	87.6	87.1	90.3	93
Employees, number (avg.) ⁵	1,000	187	270	273	311	339	350	358
Payroll, employee	Mil. dol	3,281	5,843	7,226	8,213	9,211	9,495	10,400
Fringe benefits, employee	Mil. dol	1,353	2,868	3,986	4,484	4,844	5,052	5,413

NA Not available. ¹ Includes other categories not shown separately. ² Beginning 1995, includes taxes levied directly by transit agency and other dedicated funds, formerly included in Local. ³ Includes other operating revenue, nonoperating revenue, and auxiliary income. Data for 1985 are state and local combined. ⁴ For 1980, capital grants only. ⁵ 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.

No. 1082. Domestic Motor Fuel Consumption by Type of Vehicle: 1970 to 2000

[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	Avg. annual percent change ¹	Cars ²	Vans, pickups, SUVs	Buses ³	Trucks ⁴ (bil. gal.)	All vehicles	Cars ²	Vans, pickups, SUVs	Buses ³	Trucks ⁴ (bil. gal.)
1970 ..	92.3	4.8	67.8	12.3	0.8	11.3	12.0	13.5	10.0	5.5	5.5
1975 ..	109.0	2.5	74.3	19.1	1.1	14.6	12.2	14.0	10.5	5.8	5.6
1980 ..	115.0	-5.9	70.2	23.8	1.0	20.0	13.3	16.0	12.2	6.0	5.4
1981 ..	114.5	-0.4	69.3	23.7	1.1	20.4	13.6	16.5	12.5	5.9	5.3
1982 ..	113.4	-1.0	69.3	22.7	1.0	20.4	14.1	16.9	13.5	5.9	5.5
1983 ..	116.1	2.4	70.5	23.9	0.9	20.8	14.2	17.1	13.7	5.9	5.6
1984 ..	118.7	2.2	70.8	25.6	0.8	21.4	14.5	17.4	14.0	5.7	5.7
1985 ..	121.3	2.2	71.7	27.4	0.8	21.4	14.6	17.5	14.3	5.4	5.8
1986 ..	125.2	3.2	73.4	29.1	0.9	21.9	14.7	17.4	14.6	5.3	5.8
1987 ..	127.5	1.8	73.5	30.6	0.9	22.5	15.1	18.0	14.9	5.8	5.9
1988 ..	130.1	2.0	73.5	32.7	0.9	22.9	15.6	18.8	15.4	5.8	6.0
1989 ..	131.9	1.4	74.1	33.3	0.9	23.5	15.9	18.0	16.1	6.0	6.1
1990 ..	130.8	-0.8	69.8	35.6	0.9	24.5	16.4	20.3	16.1	6.4	6.0
1991 ..	128.6	-1.7	64.5	38.2	0.9	25.0	16.9	21.2	17.0	6.7	6.0
1992 ..	132.9	3.3	65.6	40.9	0.9	25.5	16.9	21.0	17.3	6.6	6.0
1993 ..	137.3	3.3	67.2	42.9	0.9	26.2	16.7	20.6	17.4	6.6	6.1
1994 ..	140.8	2.5	68.1	44.1	1.0	27.7	16.7	20.8	17.3	6.6	6.1
1995 ..	143.8	2.1	68.1	45.6	1.0	29.0	16.8	21.1	17.3	6.6	6.1
1996 ..	147.4	2.5	69.2	47.4	1.0	29.6	16.9	21.2	17.2	6.6	6.2
1997 ..	150.4	2.0	69.9	49.4	1.0	29.9	17.0	21.5	17.2	6.7	6.4
1998 ..	155.4	3.3	71.7	50.5	1.1	32.0	16.9	21.6	17.2	6.7	6.1
1999 ..	161.4	3.9	73.2	52.8	1.1	33.9	16.7	21.4	17.0	6.7	6.0
2000 ..	162.3	0.7	72.9	52.8	1.1	35.2	16.9	22.0	17.5	6.8	5.8

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

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1083. Class I Intercity Motor Carriers of Passengers: 1990 to 2000

[943 represents \$943,000,000. For carriers whose adjusted annual gross operating revenues are \$5 million or more. Intercity carriers have intercity revenues which are 50 percent or more of their total operating revenues. Minus sign (-) indicated deficit]

Item	Unit	1990	1992	1993	1994	1995	1996	1997	1998	1999	2000
Number of intercity carriers ¹	Number.	21	21	21	20	20	17	17	15	14	12
Operating revenue	Mil. dol.	943	938	928	870	917	912	1,000	999	1,268	1,088
Intercity regular route	Mil. dol.	739	755	747	718	767	771	834	860	1,075	920
Other	Mil. dol.	204	182	182	152	150	141	165	139	192	168
Operating expenses	Mil. dol.	1,026	874	880	919	899	878	948	947	1,258	1,035
Operating income	Mil. dol.	-83	63	48	-48	18	33	52	52	9	53
Revenue passengers	Million..	44	41	40	41	43	37	52	47	54	33
Intercity regular route passengers.	Million..	37	36	35	36	38	34	41	37	42	31
Other passengers	Million..	7	5	5	4	5	4	12	10	12	2
Average fare, intercity regular route ..	Dol. . . .	20.22	21.15	21.32	19.77	20.10	22.85	20.57	23.14	25.56	29.46

¹ Excludes carriers preponderantly in local or suburban service and carriers engaged in transportation of both property and passengers.

Source: U.S. Bureau of Transportation Statistics, *Selected Earnings Data, Class I Motor Carriers of Passengers. Carriers of Passengers, 1988-1997, 1998, 1999, and 2000.*

No. 1084. Bus Profile: 1990 to 2000

[7,605 represents \$7,605,000,000]

Item	Unit	1990	1995	1998	1999	2000
FINANCIAL						
Expenditures, school bus	Mil. dol.	7,605	9,889	10,326	10,340	(NA)
Operating revenues, intercity bus, Class I ¹	Mil. dol.	943	1,189	1,075	1,327	1,134
Operating expenses, intercity bus, Class I ¹	Mil. dol.	1,026	1,254	1,016	1,314	1,078
INVENTORY						
Operating companies, intercity bus, Class I	Number	31	24	20	18	15
Vehicles:						
Commercial and Federal bus	Number	118,726	125,057	133,070	136,748	140,097
School & other bus	Number	508,261	560,447	582,470	592,029	606,028
Employees:						
Intercity & rural bus	Number	26,300	23,800	24,400	23,700	(NA)
School bus	Number	111,200	131,100	141,000	146,700	(NA)
PERFORMANCE						
Vehicle-miles, all buses:						
Rural & urban highway	Millions	5,726	6,383	7,007	7,662	7,601
Rural highway	Millions	3,444	3,817	4,251	4,667	4,498
Urban highway	Millions	2,283	2,566	2,756	2,995	3,103
Revenue:						
Passenger miles, intercity bus	Millions	121,400	136,104	148,558	162,445	161,152
Passengers, intercity bus	1,000	334,000	366,500	357,600	358,900	359,900
Avg. miles traveled per vehicle, all buses	Miles	9,133	9,312	9,793	10,514	10,187
Avg. annual fuel consumption, all buses	Gallon	1,428	1,412	1,454	1,576	1,488
Avg. miles per gallon, all buses	Mpg	6.4	6.6	6.7	6.7	6.8
Average revenue per passenger mile	Cents	11.6	12.2	12.8	12.8	(NA)
SAFETY						
Fatalities:						
School bus related	Number	115	123	126	164	144
School bus occupants	Number	11	13	6	10	12
Other vehicle occupants	Number	64	72	90	126	98
Nonoccupants	Number	40	38	30	28	34
Vehicles involved in fatal accidents, all buses	Number	340	271	289	319	322
Occupant fatality rate:						
Per 100 million vehicle-miles, all buses	Rate	0.5	0.5	0.5	0.8	0.3
Per 10,000 registered vehicles, all buses	Rate	0.5	0.5	0.5	0.8	0.3

NA Not available. ¹ Beginning 1995, data include intercity regular route carriers plus other carriers that are not predominantly in intercity regular route service.

Source: U.S. Bureau of Transportation Statistics, *National Transportation Statistics*, annual.

No. 1085. Truck Profile: 1990 to 2000

[6,196 represents 6,196,000]

Item	Unit	1990	1995	1998	1999	2000
INVENTORY						
Truck registrations, total	1,000	6,196	6,719	7,732	7,792	8,023
Single-unit 2-axle 6-tire vehicle	1,000	4,487	5,024	5,735	5,763	5,926
Combination trucks	1,000	1,709	1,696	1,997	2,029	2,097
Employees:						
Trucking & courier services	1,000	1,274	1,440	1,569	1,611	(NA)
Truck drivers & deliverymen	1,000	2,148	2,861	2,685	2,643	(NA)
PERFORMANCE						
Vehicle miles, total						
Rural highway, total	Millions	146,242	178,156	196,380	202,688	205,791
Urban highway, total	Millions	89,692	106,031	115,142	117,941	120,631
Single unit 2-axle 6-tire vehicle	Millions	56,550	72,125	81,238	84,747	85,160
Combination trucks	Millions	51,901	62,705	68,021	70,304	70,583
Passenger miles:						
Single unit 2-axle 6-tire vehicle	Millions	51,901	62,705	68,021	70,304	70,583
Combination trucks	Millions	94,341	115,451	128,359	132,384	135,208
Average miles traveled per vehicle:						
All trucks, total	Avg. miles	23,603	26,514	25,397	26,014	25,651
Single unit 2-axle 6-tire vehicle	Avg. miles	11,567	12,482	11,861	12,199	11,911
Combination trucks	Avg. miles	55,206	68,083	64,265	65,260	64,489
Ton-miles, intercity	Millions	735,000	921,000	1,027,000	1,093,000	(NA)
Fuel consumed, all trucks	Mil. gal	24,490	28,993	31,975	33,909	35,193
Single unit 2-axle 6-tire vehicle	Mil. gal	8,357	9,216	8,817	9,372	9,548
Combination trucks	Mil. gal	16,133	19,777	25,158	24,537	25,645
Average fuel consumption per vehicle:						
Single unit 2-axle 6-tire vehicle	Gallons	3,953	4,315	4,135	4,352	4,387
Combination trucks	Gallons	1,862	1,835	1,189	1,626	1,611
Highway-user taxes, total	Mil. dol	19,356	25,116	28,697	(NA)	(NA)
SAFETY						
Occupant fatalities						
Light trucks	Number	9,306	10,216	11,447	12,024	12,159
Large trucks	Number	8,601	9,568	10,705	11,265	11,418
Vehicle involvement, total (per 100 million vehicle-miles)	Rate	705	648	742	759	711
	Rate	2.9	2.4	2.3	2.2	2.2

NA Not available.

Source: U.S. Bureau of Transportation Statistics, *National Transportation Statistics*, annual.

No. 1086. Trucks by Use, Body Type, Miles, and Acquisition: 1992 and 1997

[In thousands (59,200.8 represents 59,200,800), except percent change. Based on the 1997 Economic Census; see Appendix III. Minus sign (-) indicates decrease]

Vehicular and operational characteristics	All trucks			Trucks, excluding pickups, panels, minivans, sport, utilities, and station wagons		
	1992	1997	Percent change, 1992-97	1992	1997	Percent change, 1992-97
MAJOR USE						
Total	59,200.8	72,800.3	23.0	5,112.4	5,664.7	10.8
Agriculture	3,554.6	3,377.8	-5.0	898.7	854.7	-4.9
Forestry and lumbering	264.5	276.7	4.6	100.6	112.1	11.4
Mining and quarrying	220.4	250.7	13.7	79.2	82.1	3.7
Construction	4,986.3	6,033.9	21.0	1,015.4	1,161.8	14.4
Manufacturing	786.7	729.4	-7.3	257.6	258.6	0.4
Wholesale trade	1,136.1	1,264.6	11.3	438.3	440.4	0.5
Retail trade	1,950.9	2,243.8	15.0	434.9	469.3	7.9
For-hire transportation	889.2	1,059.4	19.1	769.6	938.2	21.9
Utilities	541.2	663.8	22.7	183.4	204.9	11.7
Services	3,123.3	4,233.5	35.5	421.2	591.4	40.4
Daily rental	307.6	508.0	65.1	90.6	171.2	89.0
One-way rental	17.1	31.2	82.5	14.1	28.3	100.7
Personal transportation	40,441.9	50,934.5	25.9	231.0	183.0	-20.8
Not in use	981.0	1,193.1	21.6	177.8	168.6	-5.2
BODY TYPE						
Pickup	33,659.6	36,191.8	7.5	(X)	(X)	(X)
Minivan	6,129.6	9,837.9	60.5	(X)	(X)	(X)
Panel or van	5,701.0	5,572.7	-2.3	(X)	(X)	(X)
Utility vehicle	8,598.1	15,533.1	80.7	(X)	(X)	(X)
Sport utility	7,140.2	13,762.5	92.7	(X)	(X)	(X)
Station wagon	1,457.9	1,770.7	21.5	(X)	(X)	(X)
Multistop or stepvan	408.4	560.4	37.2	408.4	560.4	37.2
Platform with added devices	295.7	308.2	4.2	295.7	308.2	4.2
Low boy or depressed center	89.8	111.1	23.7	89.8	111.1	23.7
Basic platform	1,183.3	1,176.1	-0.6	1,183.3	1,176.1	-0.6
Livestock truck	48.3	39.1	-19.0	48.3	39.1	-19.0
Insulated nonrefrigerated van	23.3	34.5	48.1	23.3	34.5	48.1
Insulated refrigerated van	204.8	234.0	14.3	204.8	234.0	14.3
Drop-frame van	60.1	54.9	-8.7	60.1	54.9	-8.7
Open-top van	20.1	20.8	3.5	20.1	20.8	3.5
Basic enclosed van	785.4	1,009.0	28.5	785.4	1,009.0	28.5
Beverage	73.0	70.2	-3.8	73.0	70.2	-3.8
Public utility	157.0	152.0	-3.2	157.0	152.0	-3.2
Winch or crane	58.8	55.0	-6.5	58.8	55.0	-6.5
Wrecker	104.1	111.9	7.5	104.1	111.9	7.5
Pole or logging	53.9	55.7	3.3	53.9	55.7	3.3
Auto transport	22.3	20.1	-9.9	22.3	20.1	-9.9
Service truck	144.1	168.6	17.0	144.1	168.6	17.0
Yard tractor	8.1	10.8	33.3	8.1	10.8	33.3
Oilfield truck	26.5	26.1	-1.5	26.5	26.1	-1.5
Grain body	310.8	299.1	-3.8	310.8	299.1	-3.8
Garbage hauler	72.4	91.6	26.5	72.4	91.6	26.5
Dump truck	611.9	670.8	9.6	611.9	670.8	9.6
Tank truck (liquids or gases)	231.9	249.4	7.5	231.9	249.4	7.5
Tank truck (dry bulk)	33.8	39.7	17.5	33.8	39.7	17.5
Concrete mixer	61.0	73.1	19.8	61.0	73.1	19.8
Other	23.7	22.6	-4.6	23.7	22.6	-4.6
ANNUAL MILES						
Less than 5,000	12,284.3	13,045.1	6.2	1,663.1	1,554.2	-6.5
5,000 to 9,999	12,273.1	13,465.5	9.7	751.9	753.4	0.2
10,000 to 19,999	22,656.5	29,974.6	32.3	978.6	1,128.8	15.3
20,000 to 29,999	7,499.5	10,198.5	36.0	512.6	585.4	14.2
30,000 to 49,999	3,215.3	4,349.9	35.3	458.8	571.1	24.5
50,000 to 74,999	717.0	951.3	32.7	284.9	374.5	31.4
75,000 or more	554.9	815.5	47.0	462.3	697.3	50.8
VEHICLE ACQUISITION						
Purchased new	26,967.2	30,052.9	11.4	2,091.2	2,323.6	11.1
Purchased used	30,417.3	37,834.5	24.4	2,601.1	2,762.6	6.2
Leased from someone else	1,397.1	4,039.3	189.1	373.6	522.2	39.8
Other and not reported	419.1	873.6	108.4	46.5	56.3	21.1

X Not applicable.

Source: U.S. Census Bureau, 1997 Economic Census, Vehicle Inventory and Use Survey, 1997, Series EC97TV-US, issued October 1999.

No. 1087. Truck Transportation, Couriers and Messengers, and Warehousing and Storage—Estimated Revenue: 1999 and 2000

[In millions of dollars (221,729 represents \$221,729,000,000), except percent. For taxable and tax-exempt employer firms. Estimates have been adjusted to the results of the 1997 Economic Census. Based on the North American Industry Classification System; see text, Section 15, Business Enterprise. Minus sign (-) indicates decrease]

Kind of business	NAICS code ¹			Percent change, 1999-2000
		1999	2000	
Selected transportation industries	48, 49	221,729	237,296	7.0
Truck transportation	484	162,083	171,691	5.9
General freight trucking	4841	101,817	109,347	7.4
General freight trucking, local	48411	14,273	15,152	6.2
General freight trucking, long-distance	48412	87,544	94,195	7.6
General freight trucking, long-distance, truckload	484121	57,851	61,932	7.1
General freight trucking, long-distance, less than truckload	484122	29,693	32,263	8.7
Specialized freight trucking	4842	60,266	62,344	3.4
Used household and office goods moving	48421	14,931	15,875	6.3
Specialized freight (except used goods) trucking, local	48422	24,088	25,332	5.2
Specialized freight (except used goods) trucking, long-distance	48423	21,247	21,138	-0.5
Couriers and messengers	492	47,355	52,773	11.4
Couriers	4921	43,157	48,293	11.9
Local messengers and local delivery	4922	4,198	4,480	6.7
Warehousing and storage	493	12,291	12,832	4.4
General warehousing and storage	49311	6,592	7,004	6.2
Refrigerated warehousing and storage	49312	2,400	2,471	3.0
Farm product warehousing and storage	49313	642	647	0.7
Other warehousing and storage	49319	2,656	2,710	2.0

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

Source: U.S. Census Bureau, 2000 Service Annual Survey, *Truck Transportation, Messenger Services and Warehousing*. Internet site: <<http://www.census.gov/econ/www/tasmenu.html>>.

No. 1088. Truck Transportation—Summary: 1999 and 2000

[In millions of dollars (162,083 represents \$162,083,000,000), except as indicated. For taxable and tax-exempt 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; see text, Section 15, Business Enterprise. Minus sign (-) indicates decrease]

Item			Percent change, 1999-2000
	1999	2000	
Total operating revenue	162,083	171,691	5.9
Total motor carrier revenue	152,158	160,290	5.3
Local trucking ¹	49,164	51,860	5.5
Long-distance trucking ¹	102,994	108,430	5.3
Size of shipments:			
Less-than-truckload	44,526	48,157	8.2
Truckload	107,632	112,132	4.2
Commodities handled:			
Agricultural and fish products	12,232	12,064	-1.4
Grains, alcohol, and tobacco products	5,441	5,717	5.1
Stone, nonmetallic minerals, and metallic ores	9,502	10,293	8.3
Coal and petroleum products	5,530	5,915	7.0
Pharmaceutical and chemical products	8,794	9,330	6.1
Wood products, textiles, and leathers	14,804	16,126	8.9
Base metal and machinery	11,674	12,527	7.3
Electronic, motorized vehicles, and precision instruments	9,010	9,896	9.8
Used household and office goods	9,878	10,297	4.2
New furniture and miscellaneous manufactured products	15,189	15,529	2.2
Other goods	50,104	52,596	5.0
Hazardous materials	9,535	9,969	4.6
Origin and destination of shipments:			
U.S. to U.S.	146,476	154,270	5.3
U.S. to Canada	1,791	1,749	-2.4
U.S. to Mexico	1,218	1,284	5.5
Canada to U.S.	1,180	1,222	3.6
Mexico to U.S.	881	1,118	26.9
All other destinations	612	646	5.6
Inventory of revenue generating equipment (1,000):			
Trucks	204	211	3.4
Owned	168	178	6.0
Leased	37	33	-10.8
Truck-tractors	900	938	4.2
Owned	763	793	3.9
Leased	137	145	5.8
Trailers	1,857	1,931	4.0
Owned	1,550	1,605	3.5
Leased	307	326	6.2
Highway miles traveled (mil.):			
Total	83,055	86,576	4.2
By loaded or partially loaded vehicles	66,595	68,672	3.1
By empty vehicles	16,460	17,905	8.8

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, 2000 Service Annual Survey, *Truck Transportation, Messenger Services and Warehousing*. Internet site: <<http://www.census.gov/econ/www/tasmenu.html>>.

No. 1089. Railroads, Class I—Summary: 1990 to 2000

[As of Dec. 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	1993	1994	1995	1996	1997	1998	1999	2000
Class I line-hauling companies ¹	Number	14	13	13	11	10	9	9	9	8
Employees ²	1,000	216	193	190	188	182	178	178	178	168
Compensation	Mil. dol.	8,654	8,732	8,874	9,070	9,202	9,235	9,938	9,603	9,623
Average per hour	Dollars	15.83	17.90	18.50	19.0	20.1	20.3	21.3	21.0	21.5
Average per year	Dollars	39,987	45,354	46,714	48,188	50,611	51,882	55,764	54,082	57,157
Mileage:										
Railroad line owned ³	1,000	146	140	138	137	136	133	132	122	121
Railroad track owned ⁴	1,000	244	236	232	228	228	225	224	207	205
Equipment:										
Locomotives in service	Number	18,835	18,161	18,505	18,812	19,269	19,684	20,261	20,256	20,028
Average horsepower	1,000 lb.	2,665	2,777	2,832	2,927	2,985	3,060	3,126	3,200	3,261
Cars in service:										
Freight train ⁵	1,000	1,212	1,173	1,192	1,219	1,241	1,270	1,316	1,369	1,381
Freight cars ⁶	1,000	659	587	591	583	571	568	576	579	560
Income and expenses:										
Operating revenues	Mil. dol.	28,370	28,825	30,809	32,279	32,693	33,118	33,151	33,521	34,102
Operating expenses	Mil. dol.	24,652	24,517	25,511	27,897	26,331	27,291	27,916	28,011	29,400
Net revenue from operations	Mil. dol.	3,718	4,308	5,298	4,383	6,361	5,827	5,235	5,510	5,062
Income before fixed charges	Mil. dol.	4,627	4,990	6,184	5,016	7,055	6,168	5,803	6,001	5,361
Provision for taxes ⁷	Mil. dol.	1,088	1,810	1,935	1,556	2,056	1,886	1,573	1,664	1,430
Ordinary income	Mil. dol.	1,961	2,258	3,315	2,439	3,885	3,156	2,807	2,976	2,501
Net income	Mil. dol.	1,977	2,240	3,298	2,324	3,885	3,156	2,807	2,971	2,500
Net railway operating income	Mil. dol.	2,648	2,517	3,392	2,858	4,338	3,984	3,698	4,047	3,924
Total taxes ⁸	Mil. dol.	3,780	4,343	4,512	4,075	4,669	4,514	4,411	4,459	4,379
Indus. return on net investment	Percent	8.1	7.1	9.4	7.0	9.4	7.6	7	6.9	6.5
Gross capital expenditures	Mil. dol.	3,591	4,504	5,035	5,720	6,550	6,737	7,357	6,193	5,290
Equipment	Mil. dol.	996	1,382	1,734	2,343	2,202	2,146	2,321	2,183	1,508
Roadway and structures	Mil. dol.	2,644	2,795	3,152	3,651	3,899	4,121	4,875	4,446	4,549
Other	Mil. dol.	-49	327	150	-275	449	471	161	-436	-767
Balance sheet:										
Total property investment	Mil. dol.	70,348	75,217	78,384	86,186	90,046	96,058	102,171	103,424	106,136
Accrued depreciation and amortization	Mil. dol.	22,222	23,892	24,200	23,439	23,932	21,862	23,338	23,177	23,989
Net investment	Mil. dol.	48,126	51,325	54,184	62,746	66,113	74,196	78,832	80,247	82,147
Shareholder's equity	Mil. dol.	23,662	24,658	27,389	31,419	32,255	34,996	32,976	30,478	32,401
Net working capital	Mil. dol.	-3,505	-3,295	-3,059	-2,634	-2,942	-3,434	-4,443	-4,834	-5,783
Cash dividends	Mil. dol.	2,074	1,054	1,398	1,518	3,937	995	1,521	2,084	819
AMTRAK passenger traffic:										
Passenger revenue	Mil. dol.	941.9	777.6	717.9	734.1	756.2	792.1	821.5	1,067.8	1,201.6
Revenue passengers carried	1,000	22,382	21,511	21,239	20,349	19,700	20,200	21,248	21,544	22,985
Revenue passenger miles	Million	6,125	6,068	5,869	5,401	5,066	5,166	5,325	5,289	5,574
Averages:										
Revenue per passenger	Dollars	42.1	36.1	33.8	36.1	38.4	39.2	38.7	49.6	52.3
Revenue per passenger mile	Cents	15.4	12.8	12.2	13.6	14.9	15.3	15.4	20.2	21.6
Freight service:										
Freight revenue	Mil. dol.	24,471	27,991	29,931	31,356	31,889	32,322	32,247	32,680	33,083
Per ton-mile	Cents	2.7	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3
Per ton originated	Dollar	19.3	20.0	20.4	20.2	19.8	20.4	19.6	19.0	19.0
Revenue-tons originated	Million	1,425	1,397	1,470	1,550	1,611	1,585	1,649	1,717	1,738
Revenue-tons carried	Million	2,024	2,047	2,185	2,322	2,229	2,114	2,158	2,155	2,179
Tons carried one mile	Billion	1,034	1,109	1,201	1,306	1,356	1,349	1,377	1,433	1,466
Average miles of road operated	1,000	133	124	123	125	127	122	120	121	121
Revenue ton-miles per mile of road	1,000	7,763	8,965	9,735	10,439	10,704	11,087	11,491	11,848	12,156
Revenue per ton-mile	Cents	3	3	2	2	2	2	2	2	2
Train miles	Million	380	405	441	458	469	475	475	490	504
Net ton-miles per train-mile ⁹	Number	2,755	2,759	2,746	2,870	2,912	2,861	2,923	2,947	2,923
Net ton-miles per loaded car-mile ⁹	Number	69.1	71.6	72.2	73.6	75.0	74.0	73.2	73.8	73.1
Train-miles per train-hour	Miles	23.7	23.1	22.4	21.8	22.0	19.2	19	20	21
Haul per ton, U.S. as a system	Miles	726	794	817	843	842	851	835	835	843
Accidents/incidents: ¹⁰										
Casualties—all railroads:										
Persons killed	Number	1,297	1,279	1,226	1,146	1,039	1,063	1,008	932	937
Persons injured	Number	25,143	19,121	16,812	14,440	12,558	11,767	11,459	11,700	11,643

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. (Includes estimate for class II and III railroads.)
⁴ 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.) ⁵ Includes cars owned by all railroads, private car companies, and shippers. ⁶ Class I railroads only. ⁷ Includes State income taxes. ⁸ Includes payroll, income, and other taxes. ⁹ Revenue and nonrevenue freight.
¹⁰ Source: Federal Railroad Admin., *Accident Bulletin*, annual. Includes highway grade crossing casualties.

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.

No. 1090. Railroads, Class I-Cars of Revenue Freight Loaded, 1970 to 2001, and by Commodity Group, 2000 and 2001

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

Year	Car-loads ¹	Commodity group	Carloads		Commodity group	Carloads	
			2000 ³	2001, ³ prel.		2000 ³	2001, ³ prel.
1970	27,160	Coal	6,620	6,978	Metals and products	661	593
1980	22,598	Metallic ores	301	228	Stone, clay, and glass products	500	483
1990	16,177	Chemicals, allied products	1,485	1,405	Crushed stone, gravel, sand	841	879
1993	15,911	Grain	1,119	1,117	Nonmetallic minerals	419	360
1994	16,763	Motor vehicles and equipment	1,282	1,200	Waste and scrap materials	466	434
1995	16,763	Pulp, paper, allied products	469	427	Lumber, wood products	275	267
1996	16,521	Primary forest products	246	213	Coke	200	193
1997	16,568	Food and kindred products	428	444	Petroleum products	296	294
1998	16,914	Grain mill products	451	468	All other carloads	298	296
1999	16,407						
2000	16,354						
2001	16,280						

¹ Beginning 1990 excludes intermodal. ² Excludes 2 Class I railroads. ³ Excludes 3 Class I railroads.

Source: Association of American Railroads, Washington, DC, *Weekly Railroad Traffic*, annual.

No. 1091. Railroads, Class I Line-Haul-Revenue Freight Originated by Commodity Group: 1990 to 2000

[21,401 represents 21,401,000]

Commodity group	1990	1993	1994	1995	1996	1997	1998	1999	2000
Carloads (1,000) ¹	21,401	21,683	23,179	23,726	24,159	25,016	25,705	27,096	27,763
Farm products	1,689	1,636	1,459	1,692	1,530	1,408	1,404	1,477	1,437
Metallic ores	508	443	440	463	443	327	311	295	322
Coal	5,912	5,310	5,681	6,095	6,746	6,703	7,027	6,965	6,954
Nonmetallic minerals	1,202	1,044	1,138	1,159	1,176	1,160	1,256	1,306	1,309
Food and kindred products	1,307	1,380	1,381	1,377	1,302	1,295	1,282	1,354	1,377
Lumber and wood products	780	710	771	719	682	669	645	673	648
Pulp, paper, allied products	611	620	651	628	589	582	547	612	633
Chemicals, allied products	1,531	1,606	1,695	1,642	1,639	1,674	1,653	1,814	1,820
Petroleum and coal products	573	584	602	596	567	534	510	543	565
Stone, clay, and glass products	539	487	512	516	491	485	475	538	541
Primary metal products	477	528	579	575	597	604	644	682	723
Fabricated metal products	31	37	37	32	29	29	27	27	30
Machinery, exc. electrical	39	37	40	41	40	43	37	34	35
Transportation equipment	1,091	1,355	1,448	1,473	1,442	1,485	1,671	1,896	1,984
Waste and scrap materials	439	558	604	623	605	608	581	624	619
Tons (mil.) ¹	1,425	1,397	1,470	1,550	1,611	1,585	1,649	1,717	1,738
Farm products	147	147	131	154	142	126	129	139	136
Metallic ores	47	41	40	44	42	32	31	29	32
Coal	579	534	574	627	705	705	749	751	758
Nonmetallic minerals	109	96	106	110	113	109	120	125	126
Food and kindred products	81	88	88	91	87	86	87	92	94
Lumber and wood products	53	49	54	51	49	48	47	50	49
Pulp, paper, allied products	33	34	37	36	33	32	31	35	36
Chemicals, allied products	126	134	142	138	139	140	139	154	155
Petroleum and coal products	40	41	43	43	42	39	38	40	42
Stone, clay, and glass products	44	40	42	43	42	41	41	47	48
Primary metal products	38	43	47	47	49	50	53	56	60
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	29	30	30	29	31	36	40	42
Waste and scrap materials	28	35	37	38	38	37	36	40	40
Gross revenue (mil. dol.) ¹	29,775	30,376	32,424	33,782	34,310	34,964	34,898	35,441	36,331
Farm products	2,422	2,528	2,407	3,020	2,807	2,645	2,529	2,720	2,673
Metallic ores	408	385	378	394	382	399	373	336	338
Coal	6,954	6,481	7,021	7,356	7,706	7,698	7,997	7,739	7,794
Nonmetallic minerals	885	818	862	875	895	899	920	955	969
Food and kindred products	2,188	2,336	2,427	2,464	2,378	2,385	2,378	2,400	2,424
Lumber and wood products	1,390	1,324	1,421	1,385	1,409	1,471	1,487	1,528	1,524
Pulp, paper, allied products	1,486	1,511	1,510	1,543	1,485	1,507	1,472	1,457	1,526
Chemicals, allied products	3,933	4,277	4,520	4,553	4,660	4,764	4,610	4,616	4,636
Petroleum and coal products	918	929	967	997	1,013	1,028	991	980	1,010
Stone, clay, and glass products	931	944	1,009	1,044	1,033	1,063	1,056	1,089	1,113
Primary metal products	979	1,021	1,114	1,199	1,254	1,294	1,304	1,289	1,371
Fabricated metal products	42	50	50	44	41	41	37	38	48
Machinery, exc. electrical	67	59	65	69	70	73	64	55	61
Transportation equipment	3,100	3,021	3,257	3,269	3,390	3,462	3,339	3,582	3,843
Waste and scrap materials	504	613	655	685	702	711	693	689	706

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

Source: Association of American Railroads, Washington, DC, *Freight Commodity Statistics*, annual.

No. 1092. Railroad Freight—Producer Price Indexes: 1990 to 2001

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

Commodity	1990	1995	1996	1997	1998	1999	2000	2001, prel.
Railroad line-haul operating	107.5	111.7	111.5	112.1	113.4	113.0	114.5	116.9
Coal	104.2	107.3	106.7	107.0	108.7	107.3	108.7	110.8
Farm products	110.4	115.6	115.7	120.4	123.9	121.7	123.1	124.3
Food products	105.4	111.2	108.5	107.6	107.4	99.7	100.4	102.8
Metallic ores	106.5	101.9	103.5	103.4	104.4	103.8	105.9	107.1
Chemicals and allied products	111.7	120.0	119.2	119.6	120.1	119.1	121.3	122.3
Nonmetallic minerals	111.7	119.5	119.2	120.6	121.5	121.7	122.1	122.8
Lumber and wood products	107.5	110.0	112.8	111.0	110.3	109.8	109.0	112.1
Transportation equipment	107.5	112.8	114.0	113.2	113.4	113.3	112.6	121.6
Pulp, paper, and allied products	108.0	108.7	(NA)	111.2	113.7	115.5	119.0	122.5
Primary metal products	113.1	115.6	115.4	114.0	116.1	118.4	124.1	128.1
Stone, clay, glass, and concrete products	114.1	121.4	121.1	119.8	121.8	122.6	128.7	129.0
Petroleum and coal products	109.2	114.3	114.1	120.5	122.5	123.0	124.6	126.9

NA Not available.

Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes*, monthly and annual.

No. 1093. Petroleum Pipeline Companies—Characteristics: 1980 to 2000

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

Item	Unit	1980	1985	1990	1995	1996	1997	1998	1999	2000
Miles of pipeline, total	1,000	173	171	168	177	169	160	157	154	152
Gathering lines	1,000	36	35	32	35	32	31	21	20	18
Trunk lines	1,000	136	136	136	142	137	130	136	134	134
Total deliveries	Mil. bbl.	10,600	10,745	11,378	12,862	12,635	12,481	12,914	13,317	14,450
Crude oil	Mil. bbl.	6,405	6,239	6,563	6,952	6,975	6,795	7,639	7,551	6,923
Products	Mil. bbl.	4,195	4,506	4,816	5,910	5,660	5,686	5,275	5,766	7,527
Total trunk line traffic	Bil. bbl.-miles	3,405	3,342	3,500	3,619	3,734	3,683	3,442	3,738	3,508
Crude oil	Bil. bbl.-miles	1,948	1,842	1,891	1,899	1,912	1,901	1,747	1,815	1,602
Products	Bil. bbl.-miles	1,458	1,500	1,609	1,720	1,822	1,782	1,696	1,923	1,906
Carrier property value	Mil. dol.	19,752	21,605	25,828	27,460	28,043	30,655	30,181	33,780	29,648
Operating revenues	Mil. dol.	6,356	7,461	7,149	7,711	7,321	7,215	6,890	7,220	7,483
Net income	Mil. dol.	1,912	2,431	2,340	2,670	2,372	2,255	2,051	2,928	2,705

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

No. 1094. U.S. Postal Service Rates for Letters and Post Cards: 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					
	Letters						First 1/2 ounce	Second 1/2 ounce	Each added 1/2 ounce	Post cards	Aero-grammes	
	Each ounce	First ounce	Each added ounce	Post cards	Express mail							
1958 (Aug. 1)	\$0.04	(X)	(X)	\$0.03	(X)	1961 (July 1)	(X)	(X)	(X)	(X)	\$0.11	\$0.11
1963 (Jan. 7)	\$0.05	(X)	(X)	\$0.04	(X)	1967 (May 1)	(X)	(X)	(X)	(X)	\$0.13	\$0.13
1968 (Jan. 7)	\$0.06	(X)	(X)	\$0.05	(X)	1971 (July 1)	(X)	(X)	(X)	(X)	\$0.13	\$0.13
1971 (May 16)	\$0.08	(X)	(X)	\$0.06	(X)	1974 (Mar. 2)	(X)	(X)	(X)	(X)	\$0.18	\$0.18
1974 (Mar. 2)	\$0.10	(X)	(X)	\$0.08	(X)	1976 (Jan. 3)	(X)	(X)	(X)	(X)	\$0.21	\$0.22
1975 (Sept. 14)	(X)	\$0.10	\$0.09	\$0.07	(X)	1981 (Jan. 1)	(X)	(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)	(X)	\$0.33	\$0.36
1978 (May 29)	(X)	\$0.15	\$0.13	\$0.10	(X)	1988 (Apr. 17)	(X)	(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	(X)	\$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)	(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)	(X)	\$0.50	\$0.50
1988 (Apr. 3)	(X)	\$0.25	\$0.20	\$0.15	4\$12.00	2001 (Jan. 7)	35\$0.80	35\$1.70	(X)	(X)	\$0.70	\$0.70
1991 (Feb. 3)	(X)	\$0.29	\$0.23	\$0.19	4\$13.95	2002 (June 30)	3\$0.80	3\$1.70	(X)	(X)	\$0.70	\$0.70
1995 (Jan. 1)	(X)	\$0.32	\$0.23	\$0.20	4\$15.00							
1999 (Jan. 10)	(X)	\$0.33	\$0.22	\$0.20	4\$15.75							
2001 (Jan. 7)	(X)	\$0.34	\$0.21	\$0.20	4\$16.00							
2002 (June 30)	(X)	\$0.37	\$0.23	\$0.23	4\$17.85							

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 oz.

Source: U.S. Postal Service, "United States Domestic Postage Rate: Recent History," and unpublished data.

No. 1095. U.S. Postal Service—Summary: 1980 to 2001

[106,311 represents 106,311,000,000. For fiscal years; see text, Section 8, State and Local Government Finances and Employment. Includes Puerto Rico and all outlying areas. See text, this section]

Item	1980	1990	1995	1998	1999	2000	2001
Offices, stations, and branches	39,486	40,067	39,149	38,159	38,169	38,060	38,123
Number of post offices	30,326	28,959	28,392	27,952	27,893	27,876	27,876
Number of stations and branches	9,160	11,108	10,757	10,207	10,276	10,184	10,247
Pieces of mail handled (mil.)	106,311	166,301	180,734	196,905	201,644	207,882	207,463
Domestic ¹	105,348	165,503	179,933	195,961	200,613	206,782	206,381
First class ²	60,276	89,270	96,296	100,434	101,937	103,526	103,656
Express mail	17	59	57	66	69	71	70
Priority Mail	248	518	869	1,174	1,190	1,223	1,118
Periodicals (formerly 2d class)	10,220	10,680	10,194	10,317	10,274	10,365	10,077
Standard A (formerly 3d class)	30,381	63,725	71,112	82,508	85,662	90,057	89,938
Standard B (formerly 4th class)	633	663	936	1,023	1,043	1,128	1,093
Mailgram	39	14	5	4	4	4	3
U.S. Postal Service	(NA)	538	412	380	382	363	381
Free for the blind	28	35	52	53	53	47	45
International surface	450	166	106	96	103	79	60
International air	513	632	696	848	928	1,021	1,022
Employees, total (1,000)	667	843	875	905	906	901	891
Career	643	761	753	792	798	788	776
Headquarters	3	2	2	2	2	2	2
Headquarters support	(NA)	6	4	4	4	6	6
Inspection Service	5	4	4	4	4	4	4
Inspector General	(X)	(X)	(X)	(Z)	(Z)	1	1
Field Career	635	747	745	781	786	775	764
Postmasters	29	27	27	26	26	26	26
Supervisors/managers	36	43	35	37	39	39	39
Professional, administrative, and technical	5	10	11	12	11	10	10
Clerks	263	290	274	294	292	282	270
Mail handlers	37	51	57	62	62	61	60
City carriers	187	236	240	241	242	241	240
Motor vehicle operators	6	7	8	9	9	9	9
Rural carriers	33	42	46	52	55	57	60
Special delivery messengers	3	2	2	(X)	(X)	(X)	(X)
Building and equipment maintenance	27	33	38	41	42	42	43
Vehicle maintenance	5	5	5	6	6	6	6
Other	4	1	2	2	2	2	1
Noncareer	25	83	122	113	108	114	115
Casuals	5	27	26	26	25	30	30
Transitional	(X)	(X)	32	17	12	13	14
Rural substitutes	20	43	50	56	57	58	58
Relief/Leave replacements	(X)	12	13	13	12	12	12
Nonbargaining temporary	(X)	(Z)	1	1	1	1	1
Compensation and employee benefits (mil. dol.)	16,541	34,214	41,931	45,596	47,333	49,532	51,351
Avg. salary per employee (dol.) ⁴	24,799	37,570	45,001	50,117	48,111	50,103	54,481
Pieces of mail per employee, (1,000)	159	197	207	218	223	231	233
Total revenue (mil. dol.) ⁵	19,253	40,074	54,509	60,116	62,755	64,581	65,900
Operating postal revenue	17,143	39,201	54,176	60,005	62,655	64,476	65,766
Mail revenue ⁶	16,377	37,892	52,490	58,033	60,418	62,284	63,425
First class mail	10,146	24,023	31,955	33,861	34,933	35,516	35,876
Priority mail ⁷	612	1,555	3,075	4,187	4,533	4,837	4,917
Express mail ⁸	184	630	711	855	942	996	996
Mailgram	15	8	2	2	2	2	1
Periodicals (formerly 2d class)	863	1,509	1,972	2,072	2,115	2,171	2,205
Standard mail A (formerly 3d class)	2,412	8,082	11,792	13,702	14,436	15,193	15,705
Standard mail B (formerly 4th class)	805	919	1,525	1,754	1,829	1,912	1,994
International surface	154	222	205	184	194	180	178
International air	442	941	1,254	1,416	1,434	1,477	1,554
Service revenue	765	1,310	1,687	1,972	2,237	2,191	2,341
Registry ⁹	157	174	118	89	95	98	98
Certified ⁹	120	310	560	386	377	385	495
Insurance ⁹	55	47	52	73	92	109	123
Collection-on-delivery	21	26	21	18	20	22	15
Special delivery ¹⁰	73	6	3	(X)	(X)	(X)	(X)
Money orders	95	155	196	210	228	235	225
Other ⁹	244	592	737	1,197	1,425	1,342	1,385
Operating expenses (mil. dol.) ¹¹	19,413	40,490	50,730	57,786	60,642	62,992	65,640

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.