United States

1997

Issued October 1999

EC97TV-US

1997 Economic Census

Vehicle Inventory and Use Survey

Geographic Area Series

U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU

ECONOMIC CENSUS 1997

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CONTENTS

Vehicle Inventory and Use Survey 1

FIGURES

1. Light Truck Registrations: 1997 6
2. Medium and Heavy Truck Registrations: 1997 6

TABLES

A. State Registration Rankings: 1997 and 1992 7
1a. Trucks—Comparative Summary: 1997 and Earlier Years..... 8
1b. Trucks—Comparative Summary for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons: 1997 and 1992 8
2a. Trucks, Truck Miles, and Average Annual Miles for All Trucks: 1997 and 1992 9
2b. Trucks, Truck Miles, and Average Annual Miles for All Trucks—Measures of Variability: 1997 and 1992 15
3a. Trucks, Truck Miles, and Average Annual Miles for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons: 1997 and 1992 21
3b. Trucks, Truck Miles, and Average Annual Miles for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities and Station Wagons—Measures of Variability: 1997 and 1992 27
4. Trucks by Vehicle Size: 1997 33
5. Trucks by Annual Mileage Class: 1997 39
6. Trucks by Primary Range of Operation: 1997 45
7. Trucks by Truck Type: 1997 51
8. Truck Miles by Vehicle Size: 1997..... 57
9. Truck Miles by Primary Range of Operation: 1997..... 63
10. Truck Miles by Truck Type: 1997..... 69
11. Truck Miles Distribution by Operational Characteristics: 1997 .. 75

APPENDIX

Approximating Unpublished Relative Standard Errors..... A–1

TRANSPORTATION DATA PROGRAMS—Inside Back Cover

Vehicle Inventory and Use Survey

The Vehicle Inventory and Use Survey (VIUS) provides data on the physical and operational characteristics of the Nation's truck population. This survey is conducted every 5 years as part of the economic census. Title 13 of the United States Code (Sections 131, 191, and 224) directs the Census Bureau to take the economic census every 5 years, covering years ending in 2 and 7.

The 1997 VIUS is a probability sample of private and commercial trucks registered (or licensed) in the United States as of July 1, 1997. This survey excludes vehicles owned by Federal, state, or local governments; ambulances; buses; motor homes; farm tractors; unpowered trailer units; and trucks reported to have been sold, junked, or wrecked prior to July 1, 1996. A sample of about 131,000 trucks was surveyed to measure the characteristics of nearly 75 million trucks registered in the United States.

Since many states allow pickups, small vans, and sport utility vehicles to be registered as either cars or trucks, passenger car files were searched and any such vehicles were included in the sampling frame. Some vehicles, such as "off-highway" trucks used exclusively on private property, do not have to be registered. These vehicles were not included in the sampling frame and had no chance of being selected.

The annual vehicle registration date varies among the states. A few states use the calendar year for registering all vehicles. Most states require owners to register their vehicles on a staggered basis to permit a distribution of the renewal workload throughout all months. Most states also allow preregistration or permit "grace periods" to better distribute the annual registration workload.

Registration practices for commercial vehicles differ greatly among the states. Some states register a tractor-semitrailer combination as a single unit; others register the tractor and the semitrailer separately. For either method of registration, only the power units are included in the registered truck counts.

PURPOSE AND USE OF DATA

The economic census is the major source of facts about the structure and functioning of the Nation's economy. It provides the framework for such composite measures as the gross domestic product, input/output measures, production and price indexes, and other statistical series that measure short-term changes in economic conditions.

VIUS data are of considerable value to government, business, industry, academia, and the general public. Data on the number and types of vehicles and how they are used are important in studying the future growth of transportation and are needed in calculating fees and cost allocations among highway users. The data also are important in evaluating safety risks to highway travelers and in assessing the energy efficiency and environmental impact of the Nation's truck fleet. Businesses and others make use of these data in conducting market studies and evaluating market strategies; assessing the utility and cost of certain types of equipment; calculating the longevity of products; determining fuel demands; and linking to, and better utilizing, other data sets representing limited segments of the truck population.

COMPARABILITY WITH PREVIOUS DATA RELEASES

The results of the 1997 VIUS are comparable to the 1992 and prior Truck Inventory and Use Surveys (TIUS). We changed the survey name to account for areas of future expansion, including the possible addition of automobiles and buses. The following specific changes were made:

1. **Utility vehicles.** A line was added to show the total number of utility vehicles. These vehicles consist of sport utilities and station wagons (on truck chassis).

2. **Airbag(s).** Respondents were asked to report if the vehicle had any airbags.

3. **Carrying hazardous materials.** A data line was added to show the total number of trucks carrying any kind of hazardous materials.

4. **Hazardous materials not specified.** A data line was added to show the total number of trucks reporting they carried hazardous materials, but did not specify the type of hazardous materials carried.

5. **Supplementary sample.** Trucks registered in a state other than the one listed on their mailing address were not included in previous TIUS sampling frames. To include these trucks in the 1997 VIUS, a supplementary sample was selected. These trucks make up approximately 1.5 percent of the total number of trucks registered in the United States. For more details, see the **SAMPLE DESIGN** section.

The table layout for the 1997 United States summary has changed from the table layout used for the 1992 United States summary. Some of these changes include:

U.S. Census Bureau, 1997 Economic Census

1. Table A has been changed to show states in alphabetical order, not by ranking number.
2. Table 1b has been added to show the comparative statistics for trucks, excluding pickups, panels, minivans, sport utilities, and station wagons.
3. Tables 2a and 2b in 1992 contain data for all trucks and trucks, excluding pickups, panels, minivans, sport utilities, and station wagons. For 1997, data for all trucks appear in Tables 2a and 2b, while data for trucks, excluding pickups, panels, minivans, sport utilities, and station wagons appear in Tables 3a and 3b.
4. Table 7 in 1992 contains data for trucks by truck type and axle arrangement. For 1997, Table 7 contains data for trucks by truck type. Data for trucks by axle arrangement for 1997 do not appear in the U.S. summary, but are obtainable through the 1997 VIUS CD-ROM.
5. Table 13 in 1992 contains data for truck miles by truck type and axle arrangement. For 1997, Table 10 contains data for truck miles by truck type. Data for truck miles by axle arrangement for 1997 do not appear in the U.S. summary, but are obtainable through the 1997 VIUS CD-ROM.
6. Tables 3, 8-10, 14, 15, and 17-38 in 1992 contain data that do not appear in the 1997 U.S. summary, but are obtainable through the 1997 VIUS CD-ROM.

Due to the addition of late responses and corrections made after the state data were released, estimates from the 1997 United States summary may differ slightly from the total of all state data released earlier. Updated state data may be obtained through the 1997 VIUS CD-ROM.

EXPLANATION OF TERMS

Major use. This item is based on the business or the part of the business in which the vehicle was used. The 15 specific major use categories are self explanatory. Responses in the "Other" category were recoded, if possible, to one of the specific categories. The category "Not in use" includes vehicles which, though licensed, were not operated or were wrecked or inoperative for more than 6 months during 1997.

Body type. This category describes the type of body that is either permanently attached to the power unit (i.e., straight or single-unit truck) or most frequently used with a truck tractor as a tractor-trailer combination.

Minivans. This category includes minivans that are manufactured on either a truck or passenger car chassis.

Sport utilites. This category includes small and mid-size sport utility vehicles.

Station wagons. This category includes larger utility vehicles, such as the Suburban, Wagoneer, etc.

Home base. This is the location where the vehicle was usually parked when it was not on the road (a farm, terminal, factory, mine, or other place where the vehicle is stationed).

No home base. This category indicates that a vehicle (usually an over-the-road truck tractor or consumer one-way rental) did not operate from one specific home base location.

Range of operation. This category defines the usual trip length from the vehicle's home base. Vehicles with no home base are defined below based on the vehicle's average trip length.

1. **Local.** Trips of 50 miles or less.
2. **Short range.** Trips of 51 to 100 miles.
3. **Short range-medium.** Trips of 101 to 200 miles.
4. **Long range-medium.** Trips of 201 to 500 miles.
5. **Long range.** Trips of 501 miles or more.
6. **Off-the-road.** Trips with minimal use of public roads (usually associated with construction and farming activities).

Vehicle size. This classification is determined by the average vehicle weight (defined as the empty weight of the vehicle plus the average weight of the load carried) during 1997. The four size classes are:

1. **Light.** The average vehicle weight is 10,000 pounds or less.
2. **Medium.** The average vehicle weight is 10,001 to 19,500 pounds.
3. **Light-heavy.** The average vehicle weight is 19,501 to 26,000 pounds.
4. **Heavy-heavy.** The average vehicle weight is 26,001 pounds or more.

Operator classification. The primary operation of the vehicle, defined as follows:

1. **Business use.** This is a vehicle operated by a private owner or a company that transports its own materials or merchandise.
2. **Personal transportation.** This is a vehicle operated for personal use, such as pleasure driving, travel to work, carpool, etc.
3. **For hire.** Vehicles with this classification are defined by either of the following:

a. **Motor carrier.** This is a vehicle operated by a company whose primary business is to provide transportation services carrying freight belonging to others.

b. **Owner/operator.** This is a vehicle operated by an independent trucker who drives the vehicle for himself/herself, or is on lease to a company.

c. **Daily rental.** This is a vehicle rented or leased out under daily or short-term rental or lease agreements (not a motor carrier).

Mixed. This is a vehicle being operated with a mixture of business use, personal transportation, and for hire classifications with equal percentages of primary use for at least 2 of the 3 categories. If the percentages were not equal, the answer was recoded to the operator classification with the highest percentage.

Type of carrier. This classification is limited to for hire, interstate operators and is defined as follows:

1. **Contract.** This is a vehicle that offers transportation services to certain shippers under contracts.

2. **Common.** This is a vehicle that offers transportation services to the general public over regular or irregular routes.

3. **Exempt.** This is a vehicle that transports commodities or provides types of services that are exempt from federal regulation (could also operate within exempt commercial zones).

Products carried. This item defines broad classifications of products and special categories of materials carried by trucks.

Hazardous materials carried. This item identifies those trucks that transport hazardous materials in quantities large enough to require a placard under the Code of Federal Regulations, Title 49, (CFR.177.823) Transportation.

Truck fleet size. This is the number of trucks operated by a truck owner for his/her entire operation. The data shown in the "Truck Fleet Size" section of the tables are based on the number of trucks found in fleets of specified size and not the number of fleets.

Truck miles distribution. The distribution of annual miles by actual percentage of use for selected operational activities. With the exception of hazardous materials carried, truck miles distribution for selected operational activities conducted by an individual truck are presented in Table 11. The truck miles distribution for hazardous materials carried appear in Tables 2a, 3a, 8, 9, and 10. All other mileage estimates that appear in the tables of this report represent 100 percent of the individual truck's mileage based on primary activity, regardless of any secondary operational activities.

SAMPLE DESIGN

The 1997 VIUS is a probability sample of about 131,000 trucks registered in the United States as of July 1, 1997. This survey consists of an initial and a supplementary sample of truck registrations. A description of each sample follows.

Initial sample. The sampling frame for the initial universe was constructed from files of active truck registrations for the 50 states and the District of Columbia. All registrations on the sampling frame were identified as being active as of July 1, 1997.

The frame was stratified by geography and truck characteristics. The 50 states and the District of Columbia made up the 51 geographic "state" strata for the initial sample. Body type and gross vehicle weight (GVW) determined the following five truck strata: (1) pickups; (2) vans, minivans, and panels; (3) light single-unit trucks (GVW < 26,000 lb); (4) heavy single-unit trucks (GVW ≥ 26,000 lb); and (5) truck-tractors. Therefore, the sampling frame for the initial sample was partitioned into 255 geographic-by-truck strata. Within each of these strata, a simple random sample of truck registrations was selected, resulting in an initial sample of approximately 128,000 truck registrations.

Supplementary sample. Each truck represented on the sampling frame for the initial universe had associated with it a state of registration and a state as part of its mailing address. In the 1997 VIUS initial sampling frame and in previous TIUS sampling frames, a truck registered in a state other than the one listed on its mailing address was excluded. (For example, a truck registered in Florida that had a mailing address in Wisconsin was excluded from the sampling frame.) Therefore, previous TIUS estimates did not include data from these trucks. In order to represent these trucks in the 1997 VIUS estimates, a supplementary sample was selected independently from the initial sample. The sampling frame for the supplementary universe was also stratified by geography and truck characteristics. The truck characteristics were the same ones used to stratify the frame for the initial sample. However, the geographic strata were defined differently. The 50 states and the District of Columbia were partitioned into four mutually exclusive geographic strata. Each "state" was included in one, and only one, geographic stratum. These geographic strata were used instead of those used for the initial sample because of cost and processing constraints. Within each geographic-by-truck stratum, a simple random sample of truck registrations was selected. Thus, an additional 20 geographic-by-truck strata were

used to stratify the sampling frame for the supplementary universe, resulting in a total of 275 geographic-by-truck strata from which to select truck registrations for the entire 1997 VIUS sample.

The size of the supplementary sample for the entire United States was approximately 3,000 truck registrations.

Estimation. National estimates of the number of trucks were computed in the following manner. For the initial and supplementary samples, weighted estimates of the number of trucks were computed for each geographic-by-truck stratum. The weight for a given truck was the product of two factors: the reciprocal of the truck's probability of selection and a nonresponse adjustment factor. (See the Nonsampling error section for a description of the nonresponse adjustment procedure.) The geographic-by-truck stratum estimates from the initial and supplementary samples were summed to form the national estimates. National estimates of truck miles were computed using the same method. National estimates of average miles per truck were computed by dividing the national estimates of truck miles by the national estimates of the number of trucks.

DATA COLLECTION

For each selected truck, a questionnaire was mailed to the registered owner. The registered owner was requested to provide data about the truck identified by the vehicle registration information imprinted on the questionnaire, regardless of whether or not the truck was still in his or her possession. The information provided by each respondent was subjected to extensive computer edits. Questionable responses were reviewed and corrected when necessary.

RELIABILITY OF THE ESTIMATES

An estimate based on a sample survey potentially contains two types of errors: sampling and nonsampling. Sampling error occurs because characteristics differ among sampling units and because only a subset of the entire population is measured in a sample survey. Nonsampling error encompasses all other factors that contribute to the total error of a sample survey estimate. The accuracy of a survey result may be affected by these two types of errors.

Sampling and nonsampling errors are often measured by the quantities, bias and variance. The bias of an estimator of an unknown population value is the difference, averaged over all possible samples of the same size and design, between the estimator and the unknown population value. Any systematic error or inaccuracy that affects the reported data from all sampling units in a similar way will cause the resulting estimates to be biased. Variance is the squared difference, averaged over all possible samples of the same size and design, between an estimator and its average value.

Descriptions of sampling and nonsampling errors for the 1997 VIUS are provided in the following sections.

Sampling error. Because the estimates are based on a sample, the Census Bureau does not expect exact agreement with the results that would be obtained from a complete enumeration of the truck registrations included in the sampling frame. However, because each truck represented on the sampling frame has a known probability of selection into the sample, it is possible to estimate the sampling variability of the survey estimates. The particular sample used in this survey is one of a large number of samples of the same size that could have been selected using the same design. If all possible samples had been surveyed, under the same conditions, an estimate of an unknown population value could have been obtained from each sample. These samples give rise to a distribution of estimates for the unknown population value. A statistical measure of the variability among these estimates is the standard error, which can be approximated from any one sample. The standard error is defined as the square root of the variance. The coefficient of variation (or relative standard error) of an estimate is the standard error of the estimate divided by the estimate. Note that measures of sampling variability, such as the standard error or coefficient of variation, are estimated from the sample and are also subject to sampling variability. (Technically, we should refer to the estimated standard error or the estimated coefficient of variation of an estimator.) It is important to note that the standard error and coefficient of variation only measure sampling variability. They do not capture any systematic biases in the estimates. Tables 2b and 3b provide estimated measures of sampling variability for the estimates shown in Tables 2a and 3a. Coefficients of variation are given for the two left-most column estimates in Table 11, and for the column and row total estimates in all other tables except Tables A, 1a, and 1b. The procedure for approximating coefficients of variation of other estimates is covered in the Appendix. All coefficients of variation are expressed as percentages.

The estimate from a particular sample and the approximate standard error associated with the estimate can be used to construct a confidence interval. A confidence interval is a range about a given estimator that has a specified probability of containing its corresponding, unknown population value. If, for each possible sample, an estimate of an unknown population value and its approximate standard error were obtained, then:

1. For approximately 90 percent of the possible samples, the interval from 1.65 standard errors below to 1.65 standard errors above the estimate would include the unknown population value.
2. For approximately 95 percent of the possible samples, the interval from two standard errors below to two standard errors above the estimate would include the unknown population value.

Nonsampling error. Nonsampling error encompasses all other factors that contribute to the total error of a sample survey estimate and may also occur in censuses. It is often helpful to think of nonsampling error as arising from deficiencies or mistakes in the survey process. In the 1997 VIUS, nonsampling error can be attributed to many sources: (1) inability to obtain information about all trucks in the sample; (2) response errors; (3) differences in the interpretation of the questions; (4) mistakes in coding or keying the data obtained; and (5) other errors of collection, response, coverage, and processing. Although no direct measurement of the potential biases because of nonsampling error has been obtained, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize its influence.

A potential source of bias in the estimates is nonresponse. Nonresponse is defined as the inability to obtain all the intended measurements or responses about all the selected trucks. Two types of nonresponse are often distinguished. Unit nonresponse is used to describe the inability to obtain any of the substantive measurements about a sampled truck. In most cases of unit nonresponse, the questionnaire was never returned to the Census Bureau after several attempts to elicit a response. Approximately 84.5 percent of the questionnaires were returned with substantive data. Item nonresponse occurs either when a question is unanswered or the response to the question fails computer edits. The procedures used to account for unit and item nonresponse are discussed below.

Unit nonresponse is handled in the estimation procedure by reweighting. To apply this method of nonresponse adjustment, we make the assumption that the population of trucks can be divided into a finite number of mutually exclusive adjustment cells so that within each cell, all the population elements possess similar characteristics and share a similar probability of responding, if selected in the sample. The adjustment cells for the 1997 VIUS are identical to the sampling strata. A nonresponse adjustment factor is computed for each adjustment cell and is equal to the ratio of the number of truck registrations selected into the sample to the number of responses received within each adjustment cell. In this sense, reweighting allocates characteristics to the nonrespondents in proportion to the characteristics observed for the respondents within each adjustment cell. The amount of bias introduced by this nonresponse adjustment procedure depends on the extent to which the nonrespondents differ, characteristically, from the respondents in each adjustment cell.

For item nonresponse, a missing value is replaced by a predicted value obtained from an appropriate model for nonresponse. This procedure is called imputation. To impute annual miles and lifetime miles, we divide the sample into a finite number of mutually exclusive cells based on state of registration, truck type, and model year. For each cell, estimates of average annual miles and average lifetime miles are computed based on those trucks in the cell for which annual miles and lifetime miles have been reported. Missing values are then replaced with the appropriate average values. A slightly different imputation procedure is used for length and average weight (empty weight plus cargo weight). For these data items, we replace a missing value with data from a truck with similar characteristics for which length and average weight have been reported.

For all other data items, no imputation is performed. Instead, separate estimates are published in a "Not reported" category. For example, a respondent who did not indicate the major use of his or her truck would be included in the estimate for the "Not reported" category. Users of the estimates should exercise caution when allocating the estimate for the "Not reported" category to the estimates for the reported categories in the proportions observed for the reported categories. This is because the characteristics of the trucks for which we obtained information may differ significantly from those trucks for which we obtained no information.

SYMBOLS

The following symbols are used in this publication:

N	Not available or not comparable.
S	Withheld because estimate did not meet publication standards.
X	Not applicable.
V	Represents less than 50 vehicles, 50,000 miles, or .05 percent.

U.S. Census Bureau, 1997 Economic Census

Figure 1. **Light Truck Registrations: 1997**
(Thousands)

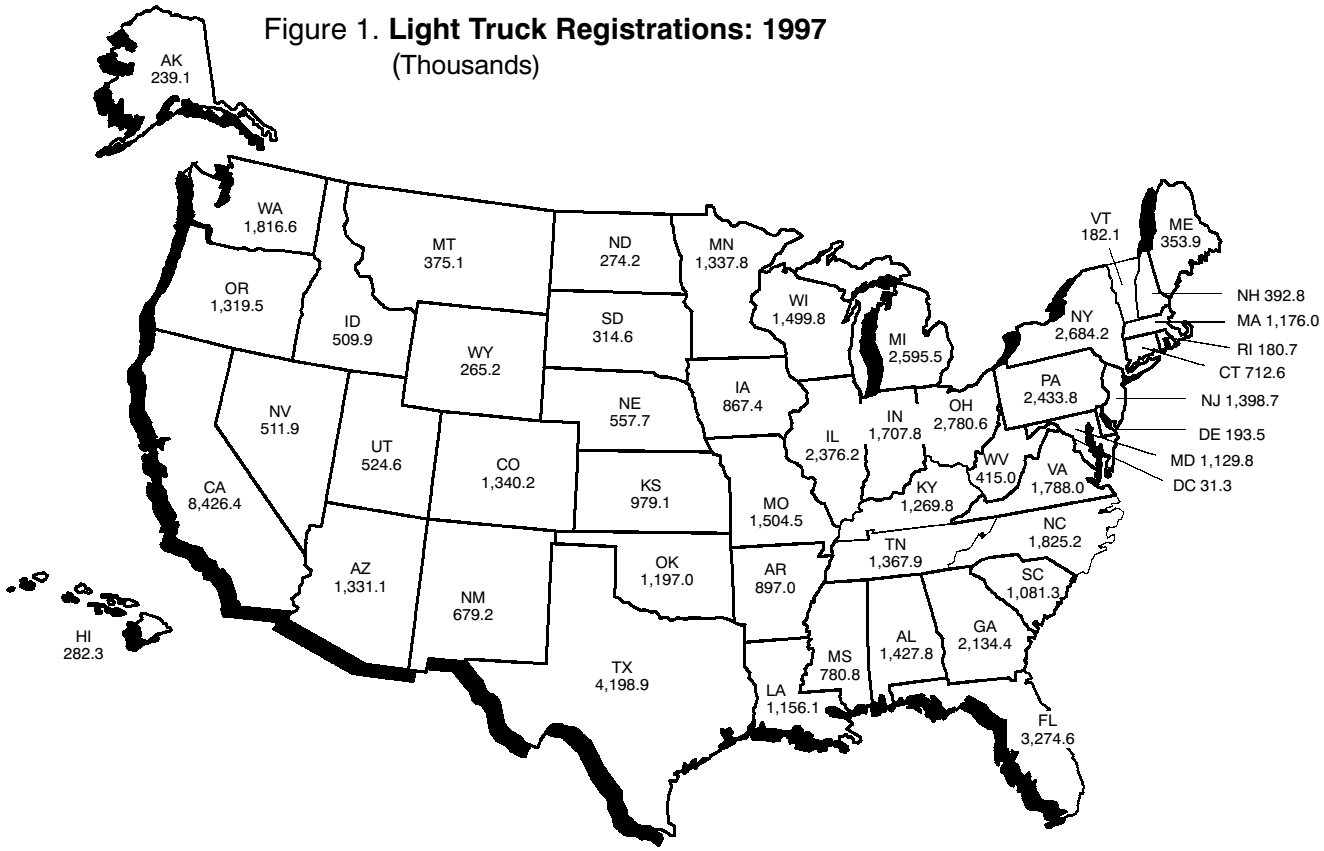


Figure 2. **Medium and Heavy Truck Registrations: 1997**
(Thousands)

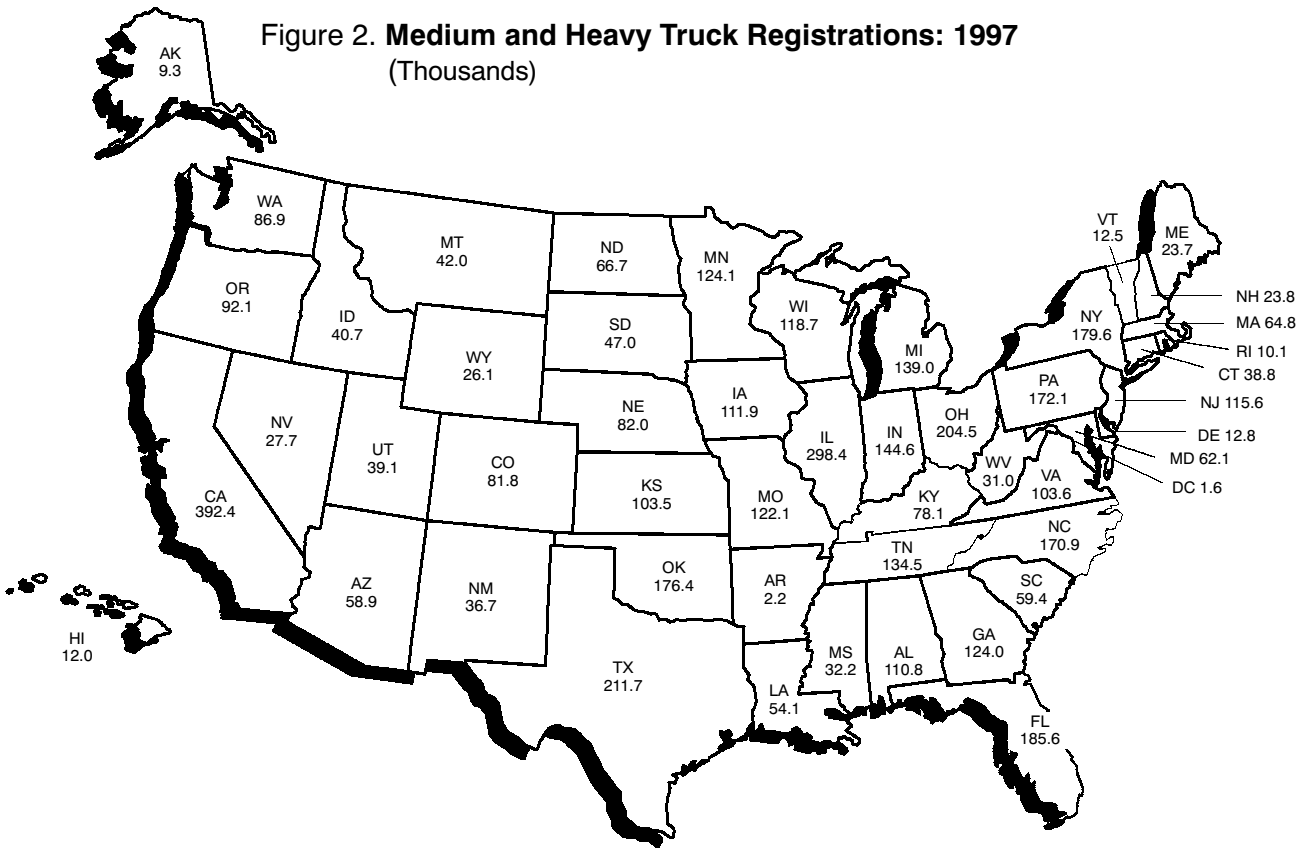


Table A. **State Registration Rankings: 1997 and 1992**

State	1997		1992	
	Trucks (thousands)	Ranking[1]	Trucks (thousands)	Ranking[1]
United States	**72 800.3**	**X**	**59 200.8**	**X**
Alabama	1 538.6	16	1 166.9	17
Alaska	248.4	47	200.5	47
Arizona	1 390.0	22	999.5	26
Arkansas	899.2	31	748.7	31
California	8 818.8	1	7 150.2	1
Colorado	1 422.0	20	1 092.9	21
Connecticut	751.5	33	543.6	34
Delaware	206.3	48	172.9	48
District of Columbia	33.0	51	29.4	51
Florida	3 460.2	3	2 673.2	3
Georgia	2 258.4	9	1 644.2	10
Hawaii	294.2	45	280.3	45
Idaho	550.6	37	467.0	38
Illinois	2 674.6	7	2 271.6	5
Indiana	1 852.5	13	1 414.3	14
Iowa	979.3	30	930.6	28
Kansas	1 082.6	29	1 001.7	25
Kentucky	1 348.0	24	1 015.9	24
Louisiana	1 210.1	26	1 123.8	19
Maine	377.6	42	338.6	41
Maryland	1 192.0	27	940.7	27
Massachusetts	1 240.8	25	878.7	29
Michigan	2 734.5	6	2 166.2	7
Minnesota	1 461.9	19	1 155.9	18
Mississippi	813.0	32	647.6	32
Missouri	1 626.7	14	1 357.1	15
Montana	417.2	40	371.8	40
Nebraska	639.7	35	533.9	35
Nevada	539.7	38	387.6	39
New Hampshire	416.6	41	306.3	42
New Jersey	1 514.3	17	1 098.5	20
New Mexico	715.9	34	581.1	33
New York	2 863.9	5	1 999.6	8
North Carolina	1 996.1	10	1 760.0	9
North Dakota	340.9	44	290.5	44
Ohio	2 985.1	4	2 188.9	6
Oklahoma	1 373.5	23	1 080.1	22
Oregon	1 411.7	21	1 059.0	23
Pennsylvania	2 605.9	8	2 367.6	4
Rhode Island	190.7	50	158.7	49
South Carolina	1 140.7	28	840.6	30
South Dakota	361.5	43	295.0	43
Tennessee	1 502.4	18	1 462.7	13
Texas	4 410.6	2	4 373.0	2
Utah	563.7	36	510.0	36
Vermont	194.5	49	157.0	50
Virginia	1 891.6	12	1 516.7	12
Washington	1 903.5	11	1 541.6	11
West Virginia	446.0	39	476.8	37
Wisconsin	1 618.5	15	1 196.8	16
Wyoming	291.3	46	234.9	46

[1]Rankings were based on the number of estimated trucks without regard to sampling variability. If this was accounted for, the difference in rankings for some pairs of states would not be statistically significant.

Table 1a. **Trucks—Comparative Summary: 1997 and Earlier Years**

[Percent. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997	1992	1987	1982
Total	**100.0**	**100.0**	**100.0**	**100.0**
MAJOR USE				
Agriculture	4.6	6.0	7.9	11.4
Forestry and lumbering	.4	.4	.6	.8
Mining and quarrying	.3	.4	.5	.8
Construction	8.3	8.4	10.0	11.2
Manufacturing	1.0	1.3	1.3	1.6
Wholesale and retail trade	4.8	5.2	5.6	6.8
For-hire transportation	1.5	1.5	2.2	2.6
Utilities and service	6.7	6.2	5.5	6.8
Personal transportation	70.0	68.3	65.7	56.7
Other and not reported[1]	2.4	2.2	.6	1.2
BODY TYPE				
Pickup, panel, minivan, and utility[2]	92.2	91.4	89.0	85.8
Platform and cattlerack	2.2	2.7	3.7	5.1
Van[3]	1.9	1.8	2.1	3.2
Public utility	.2	.3	.3	.5
Multistop or stepvan	.8	.7	1.1	.6
Dump	.9	1.0	1.3	1.5
Tank for liquids or dry bulk	.4	.4	.5	.8
Other and not reported[1]	1.4	1.6	1.9	2.4
VEHICLE SIZE				
Light	93.5	93.2	91.9	89.3
Medium	2.0	2.1	2.3	3.5
Light-heavy	1.0	1.2	1.7	2.4
Heavy-heavy	3.5	3.4	4.1	4.8
ANNUAL MILES				
Less than 5,000	17.9	20.8	25.3	26.0
5,000 to 9,999	18.5	20.7	23.4	25.5
10,000 to 19,999	41.2	38.3	34.5	35.0
20,000 to 29,999	14.0	12.7	10.7	8.4
30,000 or more	8.4	7.6	6.1	5.0
YEAR MODEL				
1 to 2 years old	14.5	14.9	17.2	8.9
3 to 4 years old	16.1	15.7	16.5	16.5
Over 4 years old and not reported	69.4	69.4	66.3	74.6
VEHICLE ACQUISITION				
Purchased new	41.3	45.6	47.3	45.7
Purchased used	52.0	51.4	50.1	51.5
Leased from someone and not reported[1]	6.7	3.1	2.6	2.8
TRUCK TYPE				
Single-unit trucks	96.6	96.5	96.3	95.7
2 axles	95.8	95.7	95.3	94.6
3 axles or more	.8	.9	1.0	1.1
Combination	3.4	3.5	3.7	4.3
3 axles	.5	.6	.7	.7
4 axles	1.1	1.2	1.2	1.5
5 axles or more	1.9	1.7	1.8	2.1
Trailer not specified	V	V	V	V
RANGE OF OPERATION				
Local	72.5	73.8	75.6	76.6
Short-range	17.0	15.0	14.8	10.3
Long-range	5.2	4.9	4.5	3.1
Off-the-road and not reported	5.3	6.3	5.1	10.0
FUEL TYPE				
Gasoline	92.7	92.9	93.7	94.3
Diesel, liquefied gas, and other	7.1	6.8	6.2	5.5
Not reported	.3	.3	.1	.2

[1]New category or modified data line from 1992.
[2]Includes sport utilities, station wagons, and vans similar to panel trucks.
[3]Includes insulated, refrigerated and nonrefrigerated vans; drop frame vans; open top vans; and basic enclosed vans.

Table 1b. **Trucks—Comparative Summary for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons: 1997 and 1992**

[Percent. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997	1992
Total	**100.0**	**100.0**
MAJOR USE		
Agriculture	15.1	17.6
Forestry and lumbering	2.0	2.0
Mining and quarrying	1.4	1.5
Construction	20.5	19.9
Manufacturing	4.6	5.0
Wholesale and retail trade	16.1	17.1
For-hire transportation	16.6	15.1
Utilities and service	14.1	11.8
Personal transportation	3.2	4.5
Other and not reported	6.5	5.5
BODY TYPE		
Platform and cattlerack	28.9	28.9
Van[1]	23.9	16.9
Public utility	2.7	3.1
Multistop or stepvan	9.9	8.0
Dump	11.8	12.0
Tank for liquids or dry bulk	5.1	5.2
Other and not reported	17.7	25.9
VEHICLE SIZE		
Light	21.3	25.9
Medium	21.0	20.3
Light-heavy	12.9	14.3
Heavy-heavy	44.8	39.4
ANNUAL MILES		
Less than 5,000	27.4	32.5
5,000 to 9,999	13.3	14.7
10,000 to 19,999	19.9	19.1
20,000 to 29,999	10.3	10.0
30,000 or more	29.0	23.6
YEAR MODEL		
1 to 2 years old	11.3	8.1
3 to 4 years old	12.9	11.3
Over 4 years old and not reported	75.8	80.6
VEHICLE ACQUISITION		
Purchased new	41.0	40.9
Purchased used	48.8	50.9
Leased from someone and not reported	10.2	8.2
TRUCK TYPE		
Single-unit trucks	68.0	72.1
2 axles	57.7	62.1
3 axles or more	10.3	9.9
Combination	32.0	27.9
3 axles	2.2	2.4
4 axles	6.3	6.1
5 axles or more	23.5	19.4
Trailer not specified	V	V
RANGE OF OPERATION		
Local	52.5	58.1
Short-range	23.9	20.3
Long-range	15.1	11.0
Off-the-road and not reported	8.5	10.7
FUEL TYPE		
Gasoline	38.0	48.4
Diesel, liquefied gas, and other	59.6	49.5
Not reported	2.3	2.1

[1]Includes insulated, refrigerated and nonfrigerated vans; drop frame vans; open top vans; and basic enclosed vans.

Table 2a. Trucks, Truck Miles, and Average Annual Miles for All Trucks: 1997 and 1992

[Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997 trucks[1] (thousands)	1992 trucks (thousands)	Percent change	1997 truck miles[2] (millions)	1992 truck miles[2] (millions)	Percent change	1997 average miles per truck[2] (thousands)	1992 average miles per truck[2] (thousands)	Percent change
	A	B	C	D	E	F	G	H	I
Total trucks	**72 800.3**	**59 200.8**	**23.0**	**1 044 235.0**	**786 273.9**	**32.8**	**14.3**	**13.3**	**7.5**
MAJOR USE									
Agriculture	3 377.8	3 554.6	–5.0	37 495.4	39 497.6	–5.1	11.1	11.1	V
Forestry and lumbering	276.7	264.5	4.6	5 579.8	6 062.7	–8.0	20.2	22.9	–11.8
Mining and quarrying	250.7	220.4	13.7	4 679.3	4 418.8	5.9	18.7	20.0	–6.5
Construction	6 033.9	4 986.3	21.0	108 145.0	78 154.2	38.4	17.9	15.7	14.0
Manufacturing	729.4	786.7	–7.3	16 965.8	17 403.1	–2.5	23.3	22.1	5.4
Wholesale trade	1 264.6	1 136.1	11.3	32 462.4	26 092.1	24.4	25.7	23.0	11.7
Retail trade	2 243.8	1 950.9	15.0	40 273.7	34 846.3	15.6	17.9	17.9	V
For-hire transportation	1 059.4	889.2	19.1	72 854.9	51 840.1	40.5	68.8	58.3	18.0
Utilities	663.8	541.2	22.7	9 437.6	7 503.5	25.8	14.2	13.9	2.2
Services	4 233.5	3 123.3	35.5	71 034.5	48 765.3	45.7	16.8	15.6	7.7
Daily rental	508.0	307.6	65.1	13 067.7	6 864.5	90.4	25.7	22.3	15.2
One-way rental	31.2	17.1	82.5	656.4	382.4	71.7	21.1	22.4	–5.8
Personal transportation	50 934.5	40 441.9	25.9	631 346.5	463 970.6	36.1	12.4	11.5	7.8
Other	V	S	S	V	S	S	V	S	S
Not in use	1 193.1	981.0	21.6	236.0	472.2	–50.0	.2	.5	–60.0
Not reported	V	V	N	V	V	N	V	V	N
BODY TYPE									
Pickup	36 191.8	33 659.6	7.5	453 721.0	401 353.5	13.0	12.5	11.9	5.0
Minivan	9 837.9	6 129.6	60.5	146 899.6	90 209.2	62.8	14.9	14.7	1.4
Panel or van	5 572.7	5 701.0	–2.3	71 414.5	67 394.8	6.0	12.8	11.8	8.5
Utility vehicles[3]	15 533.1	8 598.1	80.7	214 836.2	110 736.9	94.0	13.8	12.9	7.0
Sport utility	13 762.5	7 140.2	92.7	190 521.1	92 993.9	104.9	13.8	13.0	6.2
Station wagon	1 770.7	1 457.9	21.5	24 315.1	17 743.0	37.0	13.7	12.2	12.3
Multistop or stepvan	560.4	408.4	37.2	9 428.6	6 088.5	54.9	16.8	14.9	12.8
Platform with added devices	308.2	295.7	4.2	3 670.1	3 034.7	20.9	11.9	10.3	15.5
Low boy or depressed center	111.1	89.8	23.7	2 708.6	1 944.8	39.3	24.4	21.6	13.0
Basic platform	1 176.1	1 183.3	–.6	22 383.8	18 223.0	22.8	19.0	15.4	23.4
Livestock truck	39.1	48.3	–19.0	1 037.3	1 105.3	–6.2	26.5	22.9	15.7
Insulated nonrefrigerated van	34.5	23.3	48.1	2 575.8	1 297.9	98.5	74.6	55.6	34.2
Insulated refrigerated van	234.0	204.8	14.3	16 363.0	12 194.0	34.2	69.9	59.5	17.5
Drop-frame van	54.9	60.1	–8.7	2 357.5	2 373.2	–.7	43.0	39.5	8.9
Open-top van	20.8	20.1	3.5	1 032.9	809.8	27.6	49.7	40.3	23.3
Basic enclosed van	1 009.0	785.4	28.5	55 849.4	35 706.3	56.4	55.4	45.5	21.8
Beverage	70.2	73.0	–3.8	1 244.7	1 136.0	9.6	17.7	15.6	13.5
Public utility	152.0	157.0	–3.2	1 669.0	1 572.5	6.1	11.0	10.0	10.0
Winch or crane	55.0	58.8	–6.5	808.1	665.2	21.5	14.7	11.3	30.1
Wrecker	111.9	104.1	7.5	1 737.3	1 482.0	17.2	15.5	14.2	9.2
Pole or logging	55.7	53.9	3.3	2 158.8	1 857.6	16.2	38.8	34.5	12.5
Auto transport	20.1	22.3	–9.9	915.3	1 032.3	–11.3	45.5	46.3	–1.7
Service truck	168.6	144.1	17.0	2 263.8	1 978.6	14.4	13.4	13.7	–2.2
Yard tractor	10.8	8.1	33.3	113.8	52.1	118.4	10.5	6.4	64.1
Oilfield truck	26.1	26.5	–1.5	440.7	353.6	24.6	16.9	13.3	27.1
Grain body	299.1	310.8	–3.8	2 772.5	2 482.2	11.7	9.3	8.0	16.3
Garbage hauler	91.6	72.4	26.5	2 307.0	1 514.7	52.3	25.2	20.9	20.6
Dump truck	670.8	611.9	9.6	11 369.6	9 381.8	21.2	16.9	15.3	10.5
Tank truck (liquids or gases)	249.4	231.9	7.5	8 604.6	7 284.3	18.1	34.5	31.4	9.9
Tank truck (dry bulk)	39.7	33.8	17.5	1 855.3	1 558.5	19.0	46.7	46.1	1.3
Concrete mixer	73.1	61.0	19.8	1 126.4	830.1	35.7	15.4	13.6	13.2
Other	22.6	23.7	–4.6	570.0	620.4	–8.1	25.2	26.2	–3.8
Not reported	V	V	N	V	V	N	V	V	N
ANNUAL MILES									
Less than 5,000	13 045.1	12 284.3	6.2	25 234.7	23 943.8	5.4	1.9	1.9	V
5,000 to 9,999	13 465.5	12 273.1	9.7	93 905.6	84 841.1	10.7	7.0	6.9	1.4
10,000 to 19,999	29 974.6	22 656.5	32.3	399 709.0	297 972.3	34.1	13.3	13.2	.8
20,000 to 29,999	10 198.5	7 499.5	36.0	229 681.6	167 836.5	36.8	22.5	22.4	.4
30,000 to 49,999	4 349.9	3 215.3	35.3	151 776.0	111 293.5	36.4	34.9	34.6	.9
50,000 to 74,999	951.3	717.0	32.7	54 517.4	40 974.4	33.1	57.3	57.2	.2
75,000 or more	815.5	554.9	47.0	89 410.6	59 412.4	50.5	109.6	107.1	2.3
PRIMARY RANGE OF OPERATION									
Local	52 815.6	43 700.3	20.9	657 762.1	520 127.3	26.5	12.5	11.9	5.0
Short-range	9 400.1	6 789.0	38.5	172 748.5	116 401.7	48.4	18.4	17.1	7.6
Short-range medium	2 977.7	2 073.3	43.6	68 171.6	42 257.1	61.3	22.9	20.4	12.3
Long-range medium	1 806.7	1 414.4	27.7	53 373.3	36 892.8	44.7	29.5	26.1	13.0
Long-range	1 974.0	1 471.5	34.1	65 998.7	44 421.3	48.6	33.4	30.2	10.6
Off-the-road	2 852.8	3 214.0	–11.2	26 180.8	26 173.7	V	9.2	8.1	13.6
Not reported	973.4	538.3	80.8	V	S	S	V	S	S

See footnotes at end of table.

Table 2a. **Trucks, Truck Miles, and Average Annual Miles for All Trucks: 1997 and 1992**—Con.

[Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997 trucks[1] (thousands)	1992 trucks (thousands)	Percent change	1997 truck miles[2] (millions)	1992 truck miles[2] (millions)	Percent change	1997 average miles per truck[2] (thousands)	1992 average miles per truck[2] (thousands)	Percent change
	A	B	C	D	E	F	G	H	I
WEEKS OPERATED									
Less than 1	1 514.3	1 478.4	2.4	289.4	641.9	–54.9	.2	.4	–50.0
1 to 4	1 975.4	1 779.1	11.0	5 023.9	4 682.7	7.3	2.5	2.6	–3.8
5 to 8	1 900.7	1 790.9	6.1	9 388.8	7 859.3	19.5	4.9	4.4	11.4
9 to 12	2 003.9	1 829.9	9.5	14 407.2	11 265.6	27.9	7.2	6.2	16.1
13 to 16	1 559.4	1 332.5	17.0	12 817.0	10 851.6	18.1	8.2	8.1	1.2
17 to 20	1 360.0	1 318.4	3.2	12 899.7	12 402.3	4.0	9.5	9.4	1.1
21 to 24	1 818.1	1 716.0	5.9	19 529.1	17 178.0	13.7	10.7	10.0	7.0
25 to 28	2 856.7	2 522.6	13.2	32 711.8	27 727.0	18.0	11.5	11.0	4.5
29 to 32	2 278.6	1 786.6	27.5	29 007.3	19 527.5	48.5	12.7	10.9	16.5
33 to 36	2 447.6	1 801.1	35.9	31 160.8	22 699.2	37.3	12.7	12.6	.8
37 to 40	2 357.9	1 801.6	30.9	33 004.5	23 756.5	38.9	14.0	13.2	6.1
41 to 44	2 821.2	2 008.6	40.5	42 458.0	27 212.3	56.0	15.0	13.5	11.1
45 to 48	5 202.6	3 998.5	30.1	86 855.7	64 669.7	34.3	16.7	16.2	3.1
49 to 52	41 370.1	33 536.2	23.4	695 315.8	529 818.0	31.2	16.8	15.8	6.3
Not reported	1 332.7	500.5	166.3	19 344.2	5 982.3	223.4	14.5	12.0	20.8
BASE OF OPERATION									
Percentage of miles traveled outside base-of-operation state:									
Less than 25 percent	58 835.2	48 496.3	21.3	782 869.0	601 353.2	30.2	13.3	12.4	7.3
25 to 49 percent	3 066.3	2 184.1	40.4	56 285.7	38 489.3	46.2	18.4	17.6	4.5
50 to 74 percent	1 966.9	1 492.6	31.8	43 760.0	30 859.6	41.8	22.2	20.7	7.2
75 to 100 percent	1 454.5	1 062.5	36.9	47 440.6	34 121.1	39.0	32.6	32.1	1.6
No home base	132.3	N	N	10 999.2	N	N	83.1	N	N
Not reported	7 060.0	5 264.3	34.1	102 880.5	65 950.8	56.0	14.6	12.5	16.8
VEHICLE SIZE									
Light	68 099.9	55 193.3	23.4	896 361.5	681 295.4	31.6	13.2	12.3	7.3
Medium	1 435.5	1 258.5	14.1	19 814.9	14 001.6	41.5	13.8	11.1	24.3
Light-heavy	729.3	732.3	–.4	10 128.8	8 143.4	24.4	13.9	11.1	25.2
Heavy-heavy	2 535.5	2 016.6	25.7	117 929.9	82 831.9	42.4	46.5	41.1	13.1
AVERAGE WEIGHT (POUNDS)									
Less than 6,001	62 798.4	50 545.7	24.2	821 915.3	620 322.5	32.5	13.1	12.3	6.5
6,001 to 10,000	5 301.5	4 647.5	14.1	74 446.2	60 964.7	22.1	14.0	13.1	6.9
10,001 to 14,000	818.9	694.3	17.9	11 501.5	7 999.9	43.8	14.0	11.5	21.7
14,001 to 16,000	315.9	282.4	11.9	3 951.2	2 977.3	32.7	12.5	10.5	19.0
16,001 to 19,500	300.8	282.3	6.6	4 362.2	3 035.1	43.7	14.5	10.8	34.3
19,501 to 26,000	729.3	732.0	–.4	10 128.8	8 142.5	24.4	13.9	11.1	25.2
26,001 to 33,000	427.7	387.3	10.4	7 092.0	5 693.7	24.6	16.6	14.7	12.9
33,001 to 40,000	256.7	232.6	10.4	6 594.0	5 285.0	24.8	25.7	22.7	13.2
40,001 to 50,000	399.9	338.6	18.1	13 078.1	9 621.8	35.9	32.7	28.4	15.1
50,001 to 60,000	311.4	226.7	37.4	12 652.5	8 698.5	45.5	40.6	38.4	5.7
60,001 to 80,000	1 069.8	781.1	37.0	74 723.5	51 043.6	46.4	69.9	65.4	6.9
80,001 to 100,000	46.3	33.3	39.0	2 427.0	1 528.8	58.8	52.5	45.9	14.4
100,001 to 130,000	17.9	12.3	45.5	1 050.7	733.8	43.2	58.6	59.5	–1.5
130,001 or more	5.9	4.6	28.3	311.8	226.7	37.5	52.5	49.1	6.9
Not reported	V	V	N	V	V	N	V	V	N
TOTAL LENGTH (FEET)									
Less than 20.0	67 826.7	54 981.7	23.4	894 155.7	677 186.7	32.0	13.2	12.3	7.3
20.0 to 27.9	2 032.0	1 798.5	13.0	25 529.1	20 206.4	26.3	12.6	11.2	12.5
28.0 to 35.9	1 129.9	1 034.5	9.2	18 151.6	15 216.7	19.3	16.1	14.7	9.5
36.0 to 40.9	174.5	142.9	22.1	3 203.7	2 633.2	21.7	18.4	18.4	V
41.0 to 44.9	97.5	72.4	34.7	2 004.7	1 579.1	27.0	20.6	21.8	–5.5
45.0 or more	1 539.7	1 170.8	31.5	101 188.5	69 451.7	45.7	65.7	59.3	10.8
Not reported	V	S	S	V	S	S	V	S	S
YEAR MODEL									
1998	192.9	N	N	3 660.3	N	N	19.0	N	N
1997	4 711.0	N	N	81 967.3	N	N	17.4	N	N
1996	5 655.7	N	N	108 760.0	N	N	19.2	N	N
1995	6 007.6	N	N	119 211.3	N	N	19.8	N	N
1994	5 699.8	N	N	102 191.7	N	N	17.9	N	N
1993	5 028.9	S	S	87 956.4	S	S	17.5	S	S
1992	3 954.7	3 493.4	13.2	67 133.6	54 923.5	22.2	17.0	15.7	8.3
1991	3 988.5	4 775.9	–16.5	62 124.8	78 510.7	–20.9	15.6	16.4	–4.9
1990	3 832.6	4 404.2	–13.0	58 874.8	80 763.2	–27.1	15.4	18.3	–15.8
1989	4 298.1	4 871.2	–11.8	64 779.7	85 739.1	–24.4	15.1	17.6	–14.2
1988	4 141.2	4 447.8	–6.9	54 770.9	74 610.4	–26.6	13.2	16.8	–21.4
Pre-1988	25 289.3	36 638.0	–31.0	232 804.1	408 590.8	–43.0	9.2	11.2	–17.9
Not reported	V	V	N	V	V	N	V	V	N
VEHICLE ACQUISITION									
Purchased new	30 052.9	26 967.2	11.4	472 818.3	393 603.1	20.1	15.7	14.6	7.5
Purchased used	37 834.5	30 417.3	24.4	472 455.5	352 100.9	34.2	12.5	11.6	7.8
Leased from someone else	4 039.3	1 397.1	189.1	86 498.7	35 822.7	141.5	21.4	25.6	–16.4
Other	N	102.0	N	N	1 172.8	N	N	11.5	N
Not reported	873.6	317.1	175.5	12 462.4	3 574.3	248.7	14.3	11.3	26.5

See footnotes at end of table.

Table 2a. **Trucks, Truck Miles, and Average Annual Miles for All Trucks: 1997 and 1992**—Con.

[Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997 trucks[1] (thousands)	1992 trucks (thousands)	Percent change	1997 truck miles[2] (millions)	1992 truck miles[2] (millions)	Percent change	1997 average miles per truck[2] (thousands)	1992 average miles per truck[2] (thousands)	Percent change
	A	B	C	D	E	F	G	H	I
LEASE CHARACTERISTICS[4 5]									
Leased without driver	775.0	501.7	54.5	36 281.9	20 427.3	77.6	46.8	40.7	15.0
Leased with driver other than owner-operator	77.8	76.1	2.2	3 999.0	4 014.7	–.4	51.4	52.7	–2.5
Leased with owner-operator	194.1	154.9	25.3	9 856.0	7 241.6	36.1	50.8	46.7	8.8
Provisions of lease:									
Financing	270.0	184.8	46.1	14 874.8	8 339.4	78.4	55.1	45.1	22.2
Full maintenance	251.8	161.8	55.6	14 007.0	8 538.5	64.0	55.6	52.8	5.3
Maintenance on specific parts	25.1	13.3	88.7	1 271.8	702.6	81.0	50.7	52.7	–3.8
Payment of taxes	245.4	134.7	82.2	13 895.5	7 351.6	89.0	56.6	54.6	3.7
Obtaining licenses and permits	284.6	179.7	58.4	17 221.9	10 357.2	66.3	60.5	57.6	5.0
Record keeping for leased trucks	222.7	123.5	80.3	13 584.8	7 433.0	82.8	61.0	60.2	1.3
Other	40.4	26.2	54.2	2 210.2	1 525.2	44.9	54.7	58.3	–6.2
PRIMARY OPERATOR CLASSIFICATION									
Not for hire	71 232.5	58 004.7	22.8	958 312.4	727 586.8	31.7	13.5	12.5	8.0
Business use	18 078.8	15 706.9	15.1	307 717.4	244 506.7	25.9	17.0	15.6	9.0
Personal transportation	51 765.7	41 080.7	26.0	631 525.8	464 314.0	36.0	12.2	11.3	8.0
Mixed—business use/personal transportation	1 388.0	1 217.0	14.1	19 069.2	18 766.0	1.6	13.7	15.4	–11.0
For hire	1 059.7	888.4	19.3	72 854.9	51 821.8	40.6	68.7	58.3	17.8
Motor carrier	696.3	567.4	22.7	52 512.9	37 233.3	41.0	75.4	65.6	14.9
Owner/operator	187.2	153.8	21.7	13 142.3	9 905.7	32.7	70.2	64.4	9.0
Independent	100.7	81.9	23.0	5 832.9	4 331.8	34.7	57.9	52.9	9.5
Leased to a company	86.5	71.9	20.3	7 309.3	5 573.9	31.1	84.5	77.6	8.9
Not reported	22.7	31.1	–27.0	1 598.8	1 000.1	59.9	70.4	32.2	118.6
Daily rental	508.0	307.7	65.1	13 067.7	6 864.5	90.4	25.7	22.3	15.2
Mixed—not for hire/for hire	114.3	S	S	2 942.2	S	S	25.7	S	S
For-hire jurisdiction:									
Interstate	577.0	412.4	39.9	51 788.4	34 698.7	49.3	89.7	84.1	6.7
Intrastate	184.9	183.4	.8	9 172.2	8 139.2	12.7	49.6	44.4	11.7
Local	115.6	96.2	20.2	3 283.0	2 529.1	29.8	28.4	26.3	8.0
Not reported	59.5	60.3	–1.3	4 702.2	2 772.2	69.6	79.1	46.0	72.0
Type of carrier (interstate only):									
Contract	251.9	167.5	50.4	24 455.5	14 956.2	63.5	97.1	89.3	8.7
Common	302.2	226.7	33.3	25 314.8	18 189.3	39.2	83.8	80.2	4.5
Exempt	15.9	14.6	8.9	1 397.8	1 260.3	10.9	87.8	86.1	2.0
Not reported	7.7	3.5	120.0	685.8	292.9	134.1	89.0	83.0	7.2
Kind of service:									
Truckload	579.8	453.2	27.9	46 815.6	33 847.5	38.3	80.7	74.7	8.0
Less than truckload	283.2	231.2	22.5	16 471.9	11 065.7	48.9	58.2	47.9	21.5
Not reported	73.8	67.9	8.7	5 656.4	3 225.9	75.3	76.7	47.5	61.5
PRIMARY PRODUCTS CARRIED									
Farm products	1 246.5	1 349.8	–7.7	17 070.5	18 029.7	–5.3	13.7	13.4	2.2
Live animals	520.3	706.8	–26.4	8 392.3	9 932.9	–15.5	16.1	14.1	14.2
Animal feed	426.2	510.9	–16.6	5 709.5	6 034.2	–5.4	13.4	11.8	13.6
Mining products	61.5	55.9	10.0	1 917.7	1 686.4	13.7	31.2	30.2	3.3
Logs and other forest products	213.8	214.5	–.3	4 905.8	5 199.1	–5.6	22.9	24.2	–5.4
Lumber and fabricated wood products	541.8	498.9	8.6	12 284.3	9 263.8	32.6	22.7	18.6	22.0
Processed foods	894.9	723.0	23.8	29 822.7	21 434.5	39.1	33.3	29.6	12.5
Textile mill products	323.4	247.1	30.9	8 511.1	5 800.0	46.7	26.3	23.5	11.9
Building materials	1 381.5	1 287.9	7.3	27 060.3	21 353.3	26.7	19.6	16.6	18.1
Household goods	240.6	102.6	134.5	5 520.9	2 560.6	115.6	22.9	24.9	–8.0
Furniture or hardware	240.4	195.9	22.7	5 675.4	4 632.3	22.5	23.6	23.6	V
Paper products	337.2	295.5	14.1	11 720.6	9 684.8	21.0	34.8	32.8	6.1
Chemicals	504.1	499.3	1.0	11 640.0	9 831.1	18.4	23.1	19.7	17.3
Petroleum	236.7	278.3	–14.9	6 059.8	6 108.2	–.8	25.6	22.0	16.4
Plastics and/or rubber	116.1	120.7	–3.8	3 728.7	3 240.4	15.1	32.1	26.8	19.8
Primary metal products	246.0	258.7	–4.9	7 632.3	6 538.4	16.7	31.0	25.3	22.5
Fabricated metal products	341.9	350.8	–2.5	7 259.1	7 221.1	.5	21.2	20.6	2.9
Machinery	900.3	645.9	39.4	18 941.7	11 330.2	67.2	21.0	17.5	20.0
Transportation equipment	482.1	529.9	–9.0	11 301.9	11 211.7	.8	23.4	21.2	10.4
Glass products	67.8	38.2	77.5	1 507.8	1 118.4	34.8	22.3	29.3	–23.9
Miscellaneous products of manufacturing	443.7	491.8	–9.8	11 061.6	9 712.1	13.9	24.9	19.7	26.4
Industrial "waste" water	6.8	11.4	–40.4	228.0	288.9	–21.1	33.6	25.4	32.3
Scrap, refuse, or garbage	269.8	244.5	10.3	4 340.8	3 486.9	24.5	16.1	14.3	12.6
Mixed cargoes	827.4	596.6	38.7	28 129.9	17 115.0	64.4	34.0	28.7	18.5
Craftsman's equipment	3 467.5	2 895.1	19.8	58 043.1	45 453.1	27.7	16.7	15.7	6.4
Recyclable products	71.1	71.3	–.3	1 693.4	1 429.0	18.5	23.8	20.1	18.4
Hazardous waste (EPA manifest)	7.5	7.4	1.4	465.8	426.5	9.2	62.2	57.4	8.4
Hazardous waste (non-EPA manifest)	2.2	3.1	–29.0	82.7	114.7	–27.9	37.8	37.2	1.6
Personal transportation	50 934.5	40 443.2	25.9	631 346.5	463 986.4	36.1	12.4	11.5	7.8
Passengers	1 269.5	1 065.8	19.1	21 297.7	17 846.2	19.3	16.8	16.7	.6
No load carried	4 866.2	3 356.0	45.0	77 757.6	51 526.9	50.9	16.0	15.4	3.9
Not in use	1 193.1	987.3	20.8	236.0	522.0	–54.8	.2	.5	–60.0
Other	117.9	116.7	1.0	2 889.7	2 154.9	34.1	24.5	18.5	32.4
Not reported	V	V	N	V	V	N	V	V	N

See footnotes at end of table.

Table 2a. **Trucks, Truck Miles, and Average Annual Miles for All Trucks: 1997 and 1992**—Con.

[Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997 trucks[1] (thousands)	1992 trucks (thousands)	Percent change	1997 truck miles[2] (millions)	1992 truck miles[2] (millions)	Percent change	1997 average miles per truck[2] (thousands)	1992 average miles per truck[2] (thousands)	Percent change
	A	B	C	D	E	F	G	H	I
HAZARDOUS MATERIALS CARRIED									
Carrying hazardous materials[3 5]	403.3	N	N	24 787.3	N	N	61.5	N	N
Hazmat placard names:									
Explosives 1.1 (formerly explosive A)	7.2	14.9	–51.7	57.9	44.6	29.8	8.1	3.0	170.0
Explosives 1.2 (formerly explosive A)	3.8	4.5	–15.6	S	16.9	S	S	3.8	S
Explosives 1.3 (formerly explosive B)	4.5	8.2	–45.1	29.9	50.4	–40.7	6.7	6.2	8.1
Explosives 1.4 (formerly dangerous)	37.3	27.8	34.2	120.1	138.2	–13.1	3.2	5.0	–36.0
Explosives 1.5 (formerly blasting agents)	22.7	16.1	41.0	86.6	117.4	–26.2	3.8	7.3	–47.9
Explosives 1.6 (formerly dangerous)	25.3	20.7	22.2	86.1	114.7	–24.9	3.4	5.5	–38.2
Flammable gas	115.3	103.9	11.0	1 453.5	1 560.7	–6.9	12.6	15.0	–16.0
Nonflammable gas	83.0	74.7	11.1	730.5	692.3	5.5	8.8	9.3	–5.4
Poisonous gas	34.1	28.9	18.0	101.0	161.3	–37.4	3.0	5.6	–46.4
Flammable	218.0	182.0	19.8	3 860.7	2 582.2	49.5	17.7	14.2	24.6
Combustible	127.5	110.3	15.6	1 791.9	1 136.1	57.7	14.1	10.3	36.9
Flammable solid	65.4	66.6	–1.8	237.4	314.0	–24.4	3.6	4.7	–23.4
Spontaneously combustible (formerly flammable solid)	41.4	29.4	40.8	168.7	118.4	42.5	4.1	4.0	2.5
Dangerous when wet (formerly flammable solid W)	47.4	36.2	30.9	160.6	142.4	12.8	3.4	3.9	–12.8
Oxidizer	90.8	81.8	11.0	478.8	542.4	–11.7	5.3	6.6	–19.7
Oxygen	39.0	32.4	20.4	199.8	234.9	–14.9	5.1	7.3	–30.1
Organic peroxide	46.5	30.6	52.0	123.5	154.5	–20.1	2.7	5.0	–46.0
Poison (formerly poisons A and B, solids, and liquids)	70.9	51.8	36.9	287.9	226.1	27.3	4.1	4.4	–6.8
Keep away from food	49.6	30.8	61.0	177.4	131.2	35.2	3.6	4.3	–16.3
Radioactive	19.2	22.6	–15.0	78.7	106.4	–26.0	4.1	4.7	–12.8
Corrosive	159.2	129.3	23.1	2 105.3	1 475.6	42.7	13.2	11.4	15.8
Class 9	53.5	38.4	39.3	596.0	375.7	58.6	11.1	9.8	13.3
Hazardous materials not specified[3]	40.6	26.6	52.6	2 734.5	1 296.3	110.9	67.4	48.8	38.1
No hazardous materials carried	71 182.8	57 869.8	23.0	996 245.3	755 969.3	31.8	14.0	13.1	6.9
Not reported	1 214.1	966.5	25.6	23 202.3	11 289.2	105.5	19.1	11.7	63.2
TRUCK FLEET SIZE									
1	18 553.6	16 390.3	13.2	259 501.0	210 258.5	23.4	14.0	12.8	9.4
2 to 5	9 790.0	8 271.5	18.4	136 934.5	109 547.4	25.0	14.0	13.2	6.1
6 to 9	1 490.4	1 384.6	7.6	25 369.3	22 952.3	10.5	17.0	16.6	2.4
10 to 24	1 660.4	1 509.1	10.0	35 201.9	31 178.0	12.9	21.2	20.7	2.4
25 to 99	1 479.7	1 246.3	18.7	38 165.6	31 035.3	23.0	25.8	24.9	3.6
100 or more	2 228.9	1 523.6	46.3	78 125.8	49 265.7	58.6	35.1	32.3	8.7
Not reported	37 597.3	28 875.4	30.2	470 936.9	332 036.7	41.8	12.5	11.5	8.7
MILES PER GALLON									
Less than 5	582.4	589.3	–1.2	14 865.0	15 873.9	–6.4	25.5	26.9	–5.2
5 to 6.9	1 908.0	1 687.5	13.1	85 014.6	63 529.5	33.8	44.6	37.6	18.6
7 to 8.9	1 391.1	1 252.0	11.1	25 757.0	18 085.5	42.4	18.5	14.4	28.5
9 to 10.9	5 001.3	4 859.3	2.9	56 385.2	51 542.9	9.4	11.3	10.6	6.6
11 to 12.9	8 207.1	7 245.3	13.3	95 166.3	80 715.6	17.9	11.6	11.1	4.5
13 to 14.9	9 353.3	7 703.2	21.4	118 154.6	87 455.5	35.1	12.6	11.4	10.5
15 or more	45 547.5	35 227.8	29.3	637 416.7	466 037.0	36.8	14.0	13.2	6.1
15 to 20.9	34 649.1	25 453.6	36.1	483 885.0	330 779.7	46.3	14.0	13.0	7.7
21 to 24.9	8 529.2	7 194.9	18.5	121 513.4	99 654.9	21.9	14.2	13.9	2.2
25 or more	2 369.2	2 579.3	–8.1	32 018.3	35 602.4	–10.1	13.5	13.8	–2.2
Not reported	803.6	636.3	26.3	11 436.8	3 034.1	276.9	14.2	4.8	195.8
EQUIPMENT TYPE[5 6]									
Braking system	6 100.0	5 513.7	10.6	161 694.6	119 307.3	35.5	26.5	21.6	22.7
Hydraulic	1 252.5	1 294.8	–3.3	13 993.0	12 922.6	8.3	11.2	10.0	12.0
Hydraulic (power)	1 453.6	1 504.9	–3.4	19 229.7	18 537.4	3.7	13.2	12.3	7.3
Air	2 457.4	1 973.3	24.5	112 645.0	80 318.5	40.2	45.8	40.7	12.5
Other	78.7	71.0	10.8	1 018.0	927.4	9.8	12.9	13.1	–1.5
Not reported	857.8	669.6	28.1	14 808.9	6 601.4	124.3	17.3	9.9	74.7
Antilock brakes	29 692.9	12 909.9	130.0	489 496.9	195 804.0	150.0	16.5	15.2	8.6
Power steering	61 996.8	46 485.2	33.4	922 545.7	648 759.5	42.2	14.9	14.0	6.4
Vehicle control aids for handicapped drivers	134.8	183.8	–26.7	2 400.8	1 916.6	25.3	17.8	10.4	71.2
Air-conditioning	50 859.6	34 690.4	46.6	807 347.9	528 192.4	52.9	15.9	15.2	4.6
Wheelchair lift	161.8	170.2	–4.9	2 158.6	1 587.5	36.0	13.3	9.3	43.0
Engine retarder	831.5	540.0	54.0	55 246.5	30 386.0	81.8	66.4	56.3	17.9
Reflective materials	1 182.8	846.6	39.7	50 555.8	28 296.2	78.7	42.7	33.4	27.8
Electronic vehicle management system	14 236.7	7 684.0	85.3	247 920.4	122 340.2	102.6	17.4	15.9	9.4
Electronic vehicle identification device (transponder, etc.)	147.9	46.8	216.0	13 134.2	3 690.8	255.9	88.8	78.8	12.7
Trip recorders/on board computer system	409.1	199.9	104.7	28 440.0	11 950.7	138.0	69.5	59.8	16.2
Navigational systems	64.9	31.0	109.4	5 769.0	2 051.5	181.2	88.8	66.2	34.1
Airbag(s)[3]	17 904.6	N	N	305 743.4	N	N	17.1	N	N
FUEL CONSERVATION EQUIPMENT[5 6]									
Aerodynamic features	853.0	575.9	48.1	62 997.8	38 664.8	62.9	73.9	67.1	10.1
Axle or drive ratio	1 287.4	1 020.6	26.1	71 247.1	46 809.9	52.2	55.3	45.9	20.5
Fuel economy engine	1 508.3	1 117.7	34.9	82 709.3	55 447.5	49.2	54.8	49.6	10.5
Radial tires	57 902.7	45 938.3	26.0	866 737.1	654 451.8	32.4	15.0	14.2	5.6
Road speed governors	1 451.4	1 137.6	27.6	71 638.3	41 709.8	71.8	49.4	36.7	34.6
Variable fan drives	1 303.2	999.3	30.4	72 215.0	50 988.1	41.6	55.4	51.0	8.6
Other fuel conservation devices	326.7	258.3	26.5	24 915.7	15 632.8	59.4	76.3	60.5	26.1

See footnotes at end of table.

Table 2a. **Trucks, Truck Miles, and Average Annual Miles for All Trucks: 1997 and 1992**—Con.

[Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997 trucks[1] (thousands)	1992 trucks (thousands)	Percent change	1997 truck miles[2] (millions)	1992 truck miles[2] (millions)	Percent change	1997 average miles per truck[2] (thousands)	1992 average miles per truck[2] (thousands)	Percent change
	A	B	C	D	E	F	G	H	I
MAINTENANCE[5]									
General maintenance performed by—									
Owner	35 010.0	32 804.7	6.7	450 496.4	400 807.5	12.4	12.9	12.2	5.7
Company's maintenance facilities	5 012.3	4 417.6	13.5	126 892.1	103 031.2	23.2	25.3	23.3	8.6
Dealership's service department	16 051.7	10 438.7	53.8	244 182.2	147 249.6	65.8	15.2	14.1	7.8
Leasing company	402.7	247.9	62.4	10 965.9	6 548.4	67.5	27.2	26.4	3.0
Independent garage	25 368.5	18 541.7	36.8	375 861.8	253 013.5	48.6	14.8	13.6	8.8
Component distributorship	726.5	599.4	21.2	13 846.9	11 658.6	18.8	19.1	19.5	–2.1
No one	791.2	724.4	9.2	8 469.8	6 206.2	36.5	10.7	8.6	24.4
Other	583.7	420.3	38.9	8 168.6	6 416.8	27.3	14.0	15.3	–8.5
Not reported	3 195.4	2 155.6	48.2	44 791.0	24 102.2	85.8	14.0	11.2	25.0
Major overhauls performed by—									
Owner	6 305.1	6 699.0	–5.9	66 913.2	77 828.9	–14.0	10.6	11.6	–8.6
Company's maintenance facilities	2 370.4	2 067.4	14.7	58 767.4	51 714.1	13.6	24.8	25.0	–.8
Dealership's service department	10 178.8	7 008.4	45.2	181 013.1	120 898.2	49.7	17.8	17.3	2.9
Leasing company	236.3	132.5	78.3	6 645.9	4 144.7	60.3	28.1	31.3	–10.2
Independent garage	14 104.9	11 047.1	27.7	204 012.6	152 067.7	34.2	14.5	13.8	5.1
Component distributorship	1 504.6	1 306.9	15.1	34 203.6	27 188.8	25.8	22.7	20.8	9.1
No one	3 945.5	3 809.1	3.6	51 607.1	43 378.9	19.0	13.1	11.4	14.9
Other	304.9	327.0	–6.8	4 143.2	4 656.5	–11.0	13.6	14.2	–4.2
Not reported	36 608.2	29 077.7	25.9	491 077.6	349 044.7	40.7	13.4	12.0	11.7
ENGINE TYPE AND SIZE									
Engine	72 800.3	59 200.8	23.0	1 044 235.0	786 273.9	32.8	14.3	13.3	7.5
Gasoline	67 452.6	55 016.7	22.6	876 745.8	667 992.9	31.3	13.0	12.1	7.4
Diesel	4 913.3	3 713.2	32.3	162 992.7	113 593.6	43.5	33.2	30.6	8.5
Liquefied gas or other	241.1	283.2	–14.9	2 791.3	3 386.5	–17.6	11.6	12.0	–3.3
Not reported	193.2	187.7	2.9	1 705.2	1 300.9	31.1	8.8	6.9	27.5
Cylinders[7]	72 800.3	59 200.8	23.0	1 044 235.0	786 273.9	32.8	14.3	13.3	7.5
4	11 040.5	11 697.2	–5.6	147 961.5	156 940.8	–5.7	13.4	13.4	V
6	32 365.4	20 292.8	59.5	543 949.4	327 633.1	66.0	16.8	16.1	4.3
8	27 067.1	23 733.9	14.0	335 181.0	271 235.0	23.6	12.4	11.4	8.8
Other	S	4.2	S	S	S	S	S	S	S
Not reported	2 265.2	3 472.7	–34.8	16 000.8	30 378.9	–47.3	7.1	8.7	–18.4
Cubic inch displacement[8]	72 800.3	59 013.0	23.4	1 044 235.0	784 973.0	33.0	14.3	13.3	7.5
Gasoline engines	67 452.6	55 016.7	22.6	876 745.8	667 992.9	31.3	13.0	12.1	7.4
Less than 200	20 016.8	18 394.5	8.8	271 229.1	255 336.9	6.2	13.6	13.9	–2.2
200 to 299	17 628.6	8 279.6	112.9	259 373.5	110 787.9	134.1	14.7	13.4	9.7
300 to 349	11 834.5	11 059.2	7.0	148 763.9	131 486.3	13.1	12.6	11.9	5.9
350 to 399	12 959.5	11 152.6	16.2	160 697.1	125 124.1	28.4	12.4	11.2	10.7
400 or more	2 211.3	2 136.6	3.5	23 020.8	23 392.7	–1.6	10.4	10.9	–4.6
Not reported	2 802.0	3 994.2	–29.8	13 661.4	21 865.0	–37.5	4.9	5.5	–10.9
Diesel engines	4 913.3	3 713.2	32.3	162 992.7	113 593.6	43.5	33.2	30.6	8.5
Less than 400	1 283.3	998.2	28.6	22 296.4	16 680.7	33.7	17.4	16.7	4.2
400 to 599	1 570.8	1 047.3	50.0	30 962.3	19 534.2	58.5	19.7	18.7	5.3
600 to 799	759.9	361.4	110.3	44 584.2	16 417.8	171.6	58.7	45.4	29.3
800 or more	742.8	584.3	27.1	48 059.8	42 987.5	11.8	64.7	73.6	–12.1
Not reported	556.5	722.0	–22.9	17 090.1	17 973.4	–4.9	30.7	24.9	23.3
Other engines	241.1	283.2	–14.9	2 791.3	3 386.5	–17.6	11.6	12.0	–3.3
Less than 400	178.8	171.1	4.5	1 999.4	2 256.5	–11.4	11.2	13.2	–15.2
400 or more	36.5	45.1	–19.1	S	788.5	S	S	17.5	S
Not reported	25.9	66.9	–61.3	83.2	341.5	–75.6	3.2	5.1	–37.3
Not reported	193.2	187.7	2.9	1 705.2	1 300.9	31.1	8.8	6.9	27.5
REFUELING LOCATION									
Central company-owned fueling facility	1 515.4	1 540.6	–1.6	49 156.6	41 184.7	19.4	32.4	26.7	21.3
Single contract fueling facility located off-site	315.7	271.6	16.2	9 895.6	7 193.8	37.6	31.3	26.5	18.1
Public fueling stations	3 142.0	2 757.0	14.0	84 014.3	60 717.7	38.4	26.7	22.0	21.4
Other	215.7	236.7	–8.9	3 637.7	3 817.7	–4.7	16.9	16.1	5.0
Not reported	864.8	707.7	22.2	14 424.0	6 393.5	125.6	16.7	9.0	85.6
TRUCK TYPE AND AXLE ARRANGEMENT									
Single-unit trucks	70 312.2	57 157.1	23.0	929 378.0	703 949.1	32.0	13.2	12.3	7.3
2 axles	69 726.0	56 650.0	23.1	919 231.4	696 329.8	32.0	13.2	12.3	7.3
3 axles	475.0	430.1	10.4	7 186.8	5 763.5	24.7	15.1	13.4	12.7
4 axles or more	111.2	77.0	44.4	2 959.7	1 855.8	59.5	26.6	24.1	10.4
Combinations	2 488.0	2 043.6	21.7	114 857.0	82 324.8	39.5	46.2	40.3	14.6
Single-unit truck with trailer	111.8	114.4	–2.3	2 736.6	2 355.9	16.2	24.5	20.6	18.9
4 axles	54.3	66.2	–18.0	841.8	821.1	2.5	15.5	12.4	25.0
5 axles or more	57.5	48.2	19.3	1 894.8	1 534.8	23.5	32.9	31.9	3.1
Single-unit truck with utility trailer	832.4	763.2	9.1	10 995.8	9 988.3	10.1	13.2	13.1	.8
3 axles	288.9	252.7	14.3	4 129.7	3 272.9	26.2	14.3	13.0	10.0
4 axles	504.6	474.4	6.4	6 349.5	6 163.8	3.0	12.6	13.0	–3.1
5 axles or more	38.9	36.1	7.8	516.6	551.6	–6.3	13.3	15.3	–13.1
Truck-tractor with single trailer	1 438.2	1 107.1	29.9	92 221.3	65 318.4	41.2	64.1	59.0	8.6
3 axles	78.0	76.7	1.7	2 183.2	1 980.1	10.3	28.0	25.8	8.5
4 axles	211.7	172.3	22.9	8 808.7	6 803.2	29.5	41.6	39.5	5.3
5 axles or more	1 148.5	858.2	33.8	81 229.4	56 535.0	43.7	70.7	65.9	7.3
Truck-tractor with double trailers	101.0	58.0	74.1	8 466.7	4 584.3	84.7	83.8	79.1	5.9
5 axles	56.3	39.2	43.6	4 730.3	3 256.8	45.2	84.1	83.1	1.2
6 axles	24.0	5.8	313.8	2 239.3	454.2	393.0	93.3	78.8	18.4
7 axles or more	20.8	13.0	60.0	1 497.1	873.3	71.4	72.1	67.0	7.6

See footnotes at end of table.

Table 2a. **Trucks, Truck Miles, and Average Annual Miles for All Trucks: 1997 and 1992**—Con.

[Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997 trucks[1] (thousands)	1992 trucks (thousands)	Percent change	1997 truck miles[2] (millions)	1992 truck miles[2] (millions)	Percent change	1997 average miles per truck[2] (thousands)	1992 average miles per truck[2] (thousands)	Percent change
	A	B	C	D	E	F	G	H	I
TRUCK TYPE AND AXLE ARRANGEMENT—Con.									
Combinations—Con.									
Truck-tractor with triple trailers	4.5	.9	400.0	436.6	77.9	460.5	97.1	85.4	13.7
7 axles	S	.4	S	S	40.2	S	S	91.2	S
8 axles or more	4.3	.5	760.0	414.8	37.7	1 000.3	97.3	79.9	21.8
Trailer not specified	V	V	N	V	V	N	V	V	N
Powered axles	72 800.3	59 200.8	23.0	1 044 235.0	786 273.9	32.8	14.3	13.3	7.5
1	46 828.5	42 164.8	11.1	625 510.3	525 190.4	19.1	13.4	12.5	7.2
2	25 909.8	16 815.0	54.1	415 144.8	257 915.4	61.0	16.0	15.3	4.6
3 or more	62.0	29.0	113.8	3 579.8	739.5	384.1	57.8	25.5	126.7
Not reported	V	192.0	N	V	2 428.5	N	V	12.6	N
CAB TYPE[9]									
Cab forward of engine	181.5	110.0	65.0	3 335.8	1 724.2	93.5	18.4	15.7	17.2
Cab over engine	705.8	804.0	–12.2	19 006.4	26 549.4	–28.4	26.9	33.0	–18.5
Conventional cab	4 240.4	3 851.4	10.1	124 166.7	83 490.6	48.7	29.3	21.7	35.0
Cab beside engine	37.6	43.0	–12.6	531.4	559.9	–5.1	14.2	13.0	9.2
Other	88.0	101.3	–13.1	1 190.0	1 405.1	–15.3	13.5	13.9	–2.9
Not reported	800.4	603.9	32.5	12 897.9	5 578.1	131.2	16.1	9.2	75.0
PICKUPS, PANELS, VANS, SPORT UTILITIES, AND STATION WAGONS									
Total	67 135.6	54 088.3	24.1	886 871.3	669 694.4	32.4	13.2	12.4	6.5
Pickups	36 191.8	33 659.6	7.5	453 721.0	401 353.5	13.0	12.5	11.9	5.0
Minivans	9 837.9	6 129.6	60.5	146 899.6	90 209.2	62.8	14.9	14.7	1.4
Panels or vans	5 572.7	5 701.0	–2.3	71 414.5	67 394.8	6.0	12.8	11.8	8.5
Sport utilities	13 762.5	7 140.2	92.7	190 521.1	92 993.9	104.9	13.8	13.0	6.2
Station wagons	1 770.7	1 457.9	21.5	24 315.1	17 743.0	37.0	13.7	12.2	12.3
Driving wheels	67 135.6	54 088.3	24.1	886 871.3	669 694.4	32.4	13.2	12.4	6.5
4-wheel drive	24 109.8	15 448.2	56.1	324 116.2	194 816.6	66.4	13.4	12.6	6.3
2-wheel drive	43 025.8	38 448.1	11.9	562 755.1	472 449.2	19.1	13.1	12.3	6.5
Front-wheel drive	13 468.0	8 850.3	52.2	190 504.9	116 768.5	63.1	14.1	13.2	6.8
Not reported	V	192.0	N	V	2 428.5	N	V	12.6	N

Note: Some estimates may have high relative standard errors of estimate (RSEs). The U.S. estimates may differ from the sum of the state estimates because of rounding.

[1]Includes trucks registered in one state with a mailing address of another state. These trucks were excluded from the 1992 survey.
[2]Truck miles distribution shown for hazardous materials carried.
[3]New or modified data line from 1992.
[4]Lease characteristics include both "leased from" and "leased to" vehicles. Lease provisions apply to a period of 1 year or more.
[5]Detail does not add to total because items were not applicable or multiple responses were possible.
[6]Pickups, panels, vans, minivans, and sport utilities were not requested to report the information shown in the Equipment Type section, except for power steering, antilock brakes, wheelchair lift, vehicle control aids for handicapped drivers, electronic vehicle management system, air-conditioning, and airbag(s). In the Fuel Conservation Equipment section, they reported only radial tires.
[7]Data were derived from administrative records. "Not reported" indicates those trucks for which the cylinders are unknown.
[8]Data were derived from administrative records. "Not reported" indicates those trucks for which the cubic inch displacement is unknown.
[9]Pickups, panels, vans, minivans, and sport utilities are not included.

Table 2b. Trucks, Truck Miles, and Average Annual Miles for All Trucks—Measures of Variability: 1997 and 1992

[For meaning of abbreviations and symbols, see introductory text. Columns A, B, D, E, G, H show relative standard error of estimate. Columns C, F, and I show standard error of estimate]

Vehicular and operational characteristics	1997 trucks	1992 trucks	Percent change	1997 truck miles	1992 truck miles	Percent change	1997 average miles per truck	1992 average miles per truck	Percent change
	A	B	C	D	E	F	G	H	I
Total trucks	**.2**	**.2**	**.3**	**.6**	**.6**	**1.1**	**.6**	**.6**	**.9**
MAJOR USE									
Agriculture	2.9	2.3	3.5	4.0	4.0	5.3	2.7	2.7	3.8
Forestry and lumbering	7.1	7.5	10.8	6.8	8.8	10.2	5.0	5.0	6.2
Mining and quarrying	11.1	9.4	16.5	10.0	13.3	17.6	9.3	6.8	10.8
Construction	2.5	2.2	4.0	3.3	2.8	6.0	1.8	1.6	2.8
Manufacturing	5.4	6.0	7.5	5.2	5.8	7.6	3.6	4.1	5.7
Wholesale trade	5.0	4.7	7.6	4.7	4.6	8.2	2.5	2.8	4.2
Retail trade	4.4	3.5	6.5	4.5	4.2	7.1	2.5	2.4	3.5
For-hire transportation	2.4	2.1	3.8	1.4	1.3	2.7	1.8	1.5	2.8
Utilities	7.9	6.3	12.4	8.4	7.6	14.3	4.6	3.7	6.0
Services	3.3	3.3	6.3	3.6	4.3	8.2	2.2	2.7	3.7
Daily rental	8.6	10.7	22.7	7.9	10.6	25.2	2.8	4.3	5.9
One-way rental	13.0	15.3	36.6	13.6	16.5	36.7	12.3	5.6	12.7
Personal transportation	.5	.5	.9	.9	.9	1.7	.7	.8	1.2
Other	N	S	S	N	S	S	N	S	S
Not in use	6.5	6.3	11.0	14.7	15.9	10.8	15.0	15.1	8.4
Not reported	N	N	N	N	N	N	N	N	N
BODY TYPE									
Pickup	.3	.2	.4	1.1	.9	1.6	1.0	.9	1.4
Minivan	1.9	2.0	4.4	2.3	2.6	5.6	1.3	1.6	2.1
Panel or van	2.7	2.1	3.4	3.6	3.1	5.1	2.5	2.3	3.7
Utility vehicles[1]	1.3	N	N	1.7	N	N	1.1	N	N
Sport utility	1.5	1.8	4.5	1.9	2.4	6.3	1.2	1.4	2.0
Station wagon	5.1	4.4	8.2	5.9	5.5	11.1	3.1	3.2	5.0
Multistop or stepvan	2.4	2.9	5.2	3.2	3.7	7.6	2.2	2.4	3.6
Platform with added devices	2.7	2.8	4.1	4.0	4.4	7.2	3.1	3.4	5.3
Low boy or depressed center	3.3	3.2	5.6	5.3	4.7	9.8	4.2	3.8	6.4
Basic platform	1.4	1.4	2.0	1.8	1.9	3.2	1.6	1.6	2.8
Livestock truck	5.7	5.8	6.6	7.7	6.2	9.3	6.9	6.4	11.0
Insulated nonrefrigerated van	6.4	8.2	15.4	5.3	8.1	19.2	4.8	5.1	9.4
Insulated refrigerated van	2.5	2.6	4.1	2.4	2.1	4.3	1.8	2.0	3.1
Drop-frame van	5.3	5.3	6.8	6.6	5.2	8.3	5.2	4.6	7.5
Open-top van	7.0	6.8	10.1	8.7	6.5	13.9	6.0	5.7	10.2
Basic enclosed van	1.1	1.4	2.3	1.2	1.4	2.9	1.0	1.2	1.9
Beverage	6.4	5.6	8.2	7.1	6.1	10.3	4.1	3.7	6.3
Public utility	4.2	4.2	5.7	5.5	5.4	8.1	3.5	3.8	5.7
Winch or crane	5.8	5.6	7.6	7.1	8.7	13.6	6.5	6.5	12.0
Wrecker	5.1	5.3	7.9	7.0	10.5	14.8	5.5	8.5	11.1
Pole or logging	4.1	4.2	6.1	4.9	4.4	7.6	3.5	3.7	5.7
Auto transport	8.7	8.3	10.8	9.7	9.7	12.2	7.6	5.7	9.3
Service truck	4.5	4.3	7.3	5.2	5.6	8.7	3.8	3.4	5.0
Yard tractor	14.2	9.0	22.4	26.1	14.6	65.3	17.7	12.4	35.6
Oilfield truck	8.4	8.4	11.7	10.6	10.3	18.4	8.9	7.5	14.7
Grain body	2.0	2.1	2.8	4.0	3.3	5.8	3.8	3.2	5.7
Garbage hauler	4.0	4.5	7.6	5.0	5.4	11.2	3.6	3.7	6.3
Dump truck	1.6	1.7	2.5	2.0	2.0	3.4	1.8	1.8	2.8
Tank truck (liquids or gases)	2.5	2.5	3.8	3.1	2.7	4.9	2.5	2.4	3.8
Tank truck (dry bulk)	5.5	5.7	9.3	6.6	6.6	11.1	4.7	5.3	7.2
Concrete mixer	3.4	4.2	6.5	4.0	5.1	8.8	2.1	3.2	4.3
Other	10.8	8.1	12.9	12.6	10.8	15.2	8.1	6.3	9.9
Not reported	N	N	N	N	N	N	N	N	N
ANNUAL MILES									
Less than 5,000	1.7	1.4	2.3	2.2	1.8	3.0	1.4	1.2	1.9
5,000 to 9,999	1.7	1.4	2.4	1.7	1.5	2.5	.4	.3	.5
10,000 to 19,999	1.0	.9	1.7	1.0	1.0	1.9	.3	.2	.3
20,000 to 29,999	2.0	2.0	3.8	2.0	2.0	3.9	.3	.3	.4
30,000 to 49,999	3.2	3.2	6.1	3.2	3.1	6.1	.5	.5	.7
50,000 to 74,999	5.6	5.6	10.5	5.4	5.6	10.4	.7	.7	1.0
75,000 or more	3.0	3.8	7.1	2.8	3.4	6.7	.6	.8	1.0
PRIMARY RANGE OF OPERATION									
Local	.5	.5	.9	.8	.8	1.5	.7	.7	1.0
Short-range	2.0	2.0	3.9	2.5	2.4	5.2	1.7	1.4	2.3
Short-range medium	3.7	3.8	7.7	3.8	3.8	8.7	2.6	2.6	4.1
Long-range medium	4.6	4.8	8.5	3.4	3.9	7.5	2.7	2.9	4.5
Long-range	4.6	4.3	8.4	2.6	2.9	5.8	3.1	2.9	4.7
Off-the-road	3.8	2.8	4.2	5.9	4.8	7.6	4.2	3.5	6.2
Not reported	7.6	9.6	22.2	N	S	S	N	S	S

See footnotes at end of table.

Table 2b. **Trucks, Truck Miles, and Average Annual Miles for All Trucks—Measures of Variability: 1997 and 1992**—Con.

[For meaning of abbreviations and symbols, see introductory text. Columns A, B, D, E, G, H show relative standard error of estimate. Columns C, F, and I show standard error of estimate]

Vehicular and operational characteristics	1997 trucks	1992 trucks	Percent change	1997 truck miles	1992 truck miles	Percent change	1997 average miles per truck	1992 average miles per truck	Percent change
	A	B	C	D	E	F	G	H	I
WEEKS OPERATED									
Less than 1	5.7	4.9	7.7	23.4	12.3	11.9	22.6	11.7	12.2
1 to 4	4.4	3.8	6.4	7.8	8.1	12.0	6.7	6.8	9.4
5 to 8	4.4	3.7	6.1	7.6	5.9	11.5	6.0	4.5	8.4
9 to 12	4.8	4.0	6.9	7.8	6.3	12.8	5.5	4.3	8.1
13 to 16	5.5	4.6	8.4	6.8	10.1	14.4	4.6	8.0	9.4
17 to 20	5.8	4.9	7.8	7.1	6.3	9.8	4.6	4.0	6.1
21 to 24	4.5	4.2	6.5	5.4	5.8	9.0	3.3	3.8	5.4
25 to 28	3.8	3.3	5.7	4.4	4.5	7.4	2.6	2.8	4.0
29 to 32	4.3	4.2	7.7	4.5	4.6	9.5	2.8	2.7	4.5
33 to 36	4.4	4.0	8.1	5.4	5.5	10.6	3.2	3.8	5.0
37 to 40	4.3	3.9	7.6	5.5	4.3	9.7	3.7	2.6	4.8
41 to 44	3.9	3.8	7.7	3.9	4.0	8.7	2.5	2.7	4.1
45 to 48	2.9	2.9	5.3	2.8	3.3	5.8	1.7	2.1	2.8
49 to 52	.7	.7	1.2	.9	.9	1.7	.7	.6	1.0
Not reported	4.9	8.9	27.0	5.7	10.7	39.2	3.5	5.5	7.9
BASE OF OPERATION									
Percentage of miles traveled outside base-of-operation state:									
Less than 25 percent	.4	.4	.7	.8	.8	1.5	.7	.7	1.1
25 to 49 percent	3.6	3.3	6.9	3.5	3.4	7.2	2.1	1.9	2.9
50 to 74 percent	4.3	4.0	7.7	3.9	4.2	8.1	2.8	3.0	4.4
75 to 100 percent	5.0	4.2	8.9	3.2	2.8	5.9	3.0	3.0	4.3
No home base	3.1	N	N	3.2	N	N	2.3	N	N
Not reported	2.4	2.3	4.4	2.6	3.3	6.6	1.6	2.3	3.3
VEHICLE SIZE									
Light	.2	.2	.3	.7	.7	1.3	.7	.7	1.0
Medium	2.4	2.6	4.0	4.4	3.9	8.3	2.9	2.7	4.9
Light-heavy	1.7	1.7	2.4	2.9	2.8	5.0	2.3	2.3	4.1
Heavy-heavy	.5	.6	1.0	.6	.7	1.3	.6	.6	1.0
AVERAGE WEIGHT (POUNDS)									
Less than 6,001	.3	.3	.5	.7	.7	1.3	.7	.7	1.0
6,001 to 10,000	2.5	2.3	3.9	3.8	3.3	6.2	2.8	2.2	3.9
10,001 to 14,000	3.7	4.3	6.7	6.3	6.1	12.6	3.9	3.9	6.7
14,001 to 16,000	3.5	3.8	5.8	4.8	7.2	11.5	3.3	6.0	8.1
16,001 to 19,500	4.4	3.3	5.9	10.2	4.9	16.2	7.7	3.9	11.6
19,501 to 26,000	1.7	1.7	2.4	2.9	2.8	5.0	2.3	2.3	4.1
26,001 to 33,000	2.1	2.2	3.4	3.6	3.4	6.2	2.7	2.6	4.2
33,001 to 40,000	2.3	2.4	3.7	3.1	3.7	6.0	2.5	2.9	4.3
40,001 to 50,000	1.6	1.7	2.8	2.4	2.2	4.4	1.9	1.8	3.0
50,001 to 60,000	1.7	2.0	3.6	2.4	2.4	4.9	1.7	1.9	2.7
60,001 to 80,000	.7	.8	1.5	.9	.9	1.9	.6	.6	.9
80,001 to 100,000	3.4	4.4	7.7	4.2	4.1	9.3	2.5	3.3	4.7
100,001 to 130,000	5.1	5.8	11.2	6.4	8.7	15.4	3.7	5.6	6.6
130,001 or more	10.3	8.9	17.6	11.7	9.9	21.1	5.6	5.4	8.3
Not reported	N	N	N	N	N	N	N	N	N
TOTAL LENGTH (FEET)									
Less than 20.0	.2	.2	.3	.7	.7	1.3	.7	.7	1.0
20.0 to 27.9	1.5	1.4	2.3	2.1	2.2	3.8	1.5	1.5	2.4
28.0 to 35.9	3.9	3.7	5.9	5.0	5.3	8.7	3.2	3.8	5.4
36.0 to 40.9	4.3	3.6	6.8	4.6	4.8	8.1	3.7	3.3	5.0
41.0 to 44.9	7.7	4.8	12.2	7.0	5.4	11.3	5.5	4.1	6.5
45.0 or more	.5	.9	1.4	.7	.8	1.5	.6	.8	1.1
Not reported	N	S	S	N	S	S	N	S	S
YEAR MODEL									
1998	13.5	N	N	8.5	N	N	9.6	N	N
1997	3.1	N	N	2.9	N	N	1.7	N	N
1996	2.8	N	N	2.9	N	N	1.5	N	N
1995	2.5	N	N	2.9	N	N	1.8	N	N
1994	2.7	N	N	2.9	N	N	1.6	N	N
1993	3.0	S	S	3.2	S	S	1.7	S	S
1992	3.3	3.0	5.0	3.8	3.4	6.3	2.2	1.8	3.1
1991	3.4	2.6	3.6	3.8	2.9	3.8	2.0	1.7	2.5
1990	3.4	2.7	3.8	3.7	2.9	3.4	1.9	1.5	2.0
1989	3.3	2.5	3.7	4.1	2.8	3.8	2.3	1.5	2.4
1988	3.0	2.6	3.7	3.5	3.0	3.4	2.1	1.8	2.2
Pre-1988	1.1	.6	.8	1.7	1.0	1.1	1.4	.8	1.3
Not reported	N	N	N	N	N	N	N	N	N
VEHICLE ACQUISITION									
Purchased new	1.0	.8	1.4	1.2	1.1	1.9	.8	.8	1.2
Purchased used	.8	.7	1.3	1.2	1.2	2.3	.9	.9	1.4
Leased from someone else	3.2	4.4	15.7	2.8	3.8	11.4	1.4	2.1	2.1
Other	N	28.9	N	N	30.3	N	N	17.5	N
Not reported	8.1	10.6	36.8	9.7	11.1	51.3	5.1	9.0	13.1

See footnotes at end of table.

Table 2b. **Trucks, Truck Miles, and Average Annual Miles for All Trucks—Measures of Variability: 1997 and 1992**—Con.

[For meaning of abbreviations and symbols, see introductory text. Columns A, B, D, E, G, H show relative standard error of estimate. Columns C, F, and I show standard error of estimate]

Vehicular and operational characteristics	1997 trucks	1992 trucks	Percent change	1997 truck miles	1992 truck miles	Percent change	1997 average miles per truck	1992 average miles per truck	Percent change
	A	B	C	D	E	F	G	H	I
LEASE CHARACTERISTICS									
Leased without driver	1.5	1.9	3.8	1.6	1.7	4.1	1.3	1.5	2.3
Leased with driver other than owner-operator	4.4	3.7	5.9	4.5	4.1	6.1	3.6	2.7	4.4
Leased with owner-operator	2.9	2.8	5.1	3.0	2.6	5.4	2.5	2.3	3.7
Provisions of lease:									
Financing	2.5	3.4	6.2	2.6	3.0	7.0	1.9	2.6	4.0
Full maintenance	2.8	3.1	6.5	2.7	2.8	6.4	1.9	2.2	3.1
Maintenance on specific parts	9.8	11.8	28.9	10.0	9.8	25.3	8.7	6.9	10.7
Payment of taxes	2.8	3.5	8.1	2.7	2.9	7.5	2.0	2.5	3.3
Obtaining licenses and permits	2.5	2.8	5.9	2.4	2.4	5.7	1.7	1.9	2.7
Record keeping for leased trucks	2.8	3.2	7.7	2.7	3.0	7.4	2.0	2.2	3.0
Other	6.0	6.3	13.5	6.8	6.1	13.2	4.9	4.4	6.2
PRIMARY OPERATOR CLASSIFICATION									
Not for hire	.2	.2	.3	.6	.6	1.2	.6	.6	.9
Business use	1.3	1.1	2.0	1.6	1.5	2.8	1.0	1.0	1.6
Personal transportation	.5	.5	.9	.9	.9	1.7	.8	.8	1.2
Mixed—business use/personal transportation	6.1	5.4	9.3	6.5	6.8	9.5	3.3	4.3	4.9
For hire	2.4	2.1	3.8	1.4	1.3	2.7	1.8	1.5	2.8
Motor carrier	1.2	1.4	2.3	1.2	1.3	2.5	.9	1.0	1.6
Owner/operator	2.5	2.3	4.1	2.6	2.3	4.6	1.7	1.5	2.4
Independent	3.6	3.4	6.1	3.9	3.5	7.1	2.7	2.4	4.0
Leased to a company	3.4	3.0	5.4	3.7	3.1	6.3	1.7	1.5	2.5
Not reported	8.8	6.9	8.2	9.2	8.4	20.0	6.1	6.8	19.9
Daily rental	8.6	10.7	22.7	7.9	10.6	25.2	2.8	4.3	5.9
Mixed—not for hire/for hire	19.8	S	S	16.7	S	S	7.5	S	S
For-hire jurisdiction:									
Interstate	1.2	1.4	2.6	1.2	1.3	2.6	.7	.9	1.2
Intrastate	2.7	2.9	4.0	3.1	3.1	5.0	2.0	2.1	3.2
Local	4.7	4.3	7.6	5.0	5.0	9.2	3.5	2.7	4.8
Not reported	4.6	5.0	6.7	4.8	4.5	11.2	2.9	4.0	8.5
Type of carrier (interstate only):									
Contract	1.8	1.8	3.8	1.8	1.8	4.2	.8	.9	1.3
Common	1.9	2.2	3.8	1.9	2.0	3.9	1.2	1.4	1.9
Exempt	7.7	6.3	10.8	8.7	6.4	11.9	4.6	3.1	5.7
Not reported	11.6	11.1	35.3	12.8	12.3	41.6	5.5	5.4	8.3
Kind of service:									
Truckload	1.2	1.2	2.2	1.3	1.1	2.3	.8	.8	1.2
Less than truckload	2.5	3.0	4.7	2.5	3.2	6.0	1.9	2.3	3.6
Not reported	4.1	4.6	6.7	4.4	4.2	10.6	2.6	3.7	7.3
PRIMARY PRODUCTS CARRIED									
Farm products	4.9	4.0	5.8	5.6	6.0	7.8	4.0	3.8	5.6
Live animals	7.2	5.5	6.7	8.4	7.2	9.4	5.5	4.6	8.2
Animal feed	7.2	6.1	7.9	8.4	6.8	10.2	6.5	4.9	9.3
Mining products	16.7	10.5	21.7	10.6	8.3	15.3	8.7	8.2	12.4
Logs and other forest products	8.0	9.9	12.7	7.1	10.2	11.7	5.7	7.4	8.9
Lumber and fabricated wood products	7.9	7.1	11.6	9.8	7.2	16.1	5.1	4.5	8.3
Processed foods	5.0	3.8	7.8	2.8	2.4	5.1	3.3	2.6	4.7
Textile mill products	9.8	9.6	17.9	6.9	10.9	18.9	6.5	5.6	9.6
Building materials	3.9	3.9	5.9	6.1	4.4	9.5	3.8	2.8	5.6
Household goods	10.3	9.7	33.2	7.7	7.3	22.9	6.9	6.2	8.5
Furniture or hardware	9.1	10.0	16.6	8.2	9.2	15.1	5.4	4.3	6.9
Paper products	9.7	10.3	16.1	6.9	8.2	13.0	5.6	6.0	8.7
Chemicals	8.3	6.9	10.9	7.5	7.3	12.4	4.5	4.3	7.3
Petroleum	5.9	5.9	7.1	5.4	5.9	8.0	3.5	3.7	5.9
Plastics and/or rubber	12.0	10.8	15.5	8.9	8.8	14.4	6.1	6.1	10.3
Primary metal products	12.2	10.3	15.2	9.2	7.7	14.0	7.2	6.1	11.6
Fabricated metal products	12.2	8.8	14.6	9.8	9.9	14.0	6.1	5.5	8.5
Machinery	6.4	6.3	12.6	7.3	7.3	17.2	3.4	3.8	6.2
Transportation equipment	6.7	6.8	8.7	7.3	8.3	11.2	4.3	5.2	7.4
Glass products	31.1	19.0	64.6	21.7	17.2	37.3	15.9	9.3	14.0
Miscellaneous products of manufacturing	9.6	7.3	10.9	7.3	6.8	11.3	5.9	4.9	9.8
Industrial "waste" water	13.8	27.3	18.2	17.4	31.9	28.7	11.2	9.2	19.1
Scrap, refuse, or garbage	9.1	8.5	13.7	8.1	11.9	17.9	9.2	11.8	16.8
Mixed cargoes	5.3	6.5	11.6	4.0	5.1	10.6	3.6	3.8	6.2
Craftsman's equipment	3.5	3.3	5.8	4.2	4.1	7.5	2.4	2.1	3.4
Recyclable products	10.0	14.4	17.5	11.8	12.8	20.6	7.8	8.6	13.7
Hazardous waste (EPA manifest)	14.4	13.0	19.6	16.9	12.3	22.8	10.9	9.7	15.8
Hazardous waste (non-EPA manifest)	23.7	22.4	23.0	27.0	23.5	25.8	19.3	14.1	24.3
Personal transportation	.5	.5	.9	.9	.9	1.7	.7	.8	1.2
Passengers	6.1	5.2	9.6	7.6	7.6	12.8	4.1	5.2	6.7
No load carried	3.1	3.0	6.3	3.7	3.8	8.0	2.0	2.1	3.0
Not in use	6.5	6.3	10.9	14.7	16.4	10.0	15.0	15.7	8.6
Other	16.4	9.9	19.3	11.5	9.7	20.1	10.1	7.2	16.4
Not reported	N	N	N	N	N	N	N	N	N

See footnotes at end of table.

Table 2b. Trucks, Truck Miles, and Average Annual Miles for All Trucks—Measures of Variability: 1997 and 1992—Con.

[For meaning of abbreviations and symbols, see introductory text. Columns A, B, D, E, G, H show relative standard error of estimate. Columns C, F, and I show standard error of estimate]

Vehicular and operational characteristics	1997 trucks	1992 trucks	Percent change	1997 truck miles	1992 truck miles	Percent change	1997 average miles per truck	1992 average miles per truck	Percent change
	A	B	C	D	E	F	G	H	I
HAZARDOUS MATERIALS CARRIED									
Carrying hazardous materials[1]	1.8	N	N	1.9	N	N	1.5	N	N
Hazmat placard names:									
Explosives 1.1 (formerly explosive A)	19.4	12.1	11.0	26.2	14.5	38.9	26.6	15.2	82.6
Explosives 1.2 (formerly explosive A)	32.0	11.5	28.5	S	25.4	S	S	22.7	S
Explosives 1.3 (formerly explosive B)	12.6	19.7	12.8	41.9	25.0	28.9	38.5	19.5	46.4
Explosives 1.4 (formerly dangerous)	7.2	7.3	13.8	13.4	14.8	17.4	12.8	13.8	12.1
Explosives 1.5 (formerly blasting agents)	9.1	8.0	17.0	20.3	17.5	19.8	19.8	15.6	13.2
Explosives 1.6 (formerly dangerous)	8.4	7.8	14.0	18.3	17.3	18.9	17.5	15.9	14.6
Flammable gas	3.9	4.3	6.4	6.2	5.0	7.4	5.2	4.5	5.8
Nonflammable gas	4.2	4.8	7.1	8.9	10.3	14.4	8.4	9.4	11.9
Poisonous gas	7.0	6.1	11.0	14.3	16.1	13.5	13.4	14.9	10.6
Flammable	2.5	2.6	4.4	4.0	3.4	7.9	3.4	3.2	5.9
Combustible	3.3	3.1	5.2	4.7	4.6	10.4	3.9	3.7	7.3
Flammable solid	4.9	4.8	6.7	10.2	9.1	10.3	9.9	8.1	9.9
Spontaneously combustible (formerly flammable solid)	6.2	7.0	13.2	20.3	16.3	37.1	19.8	15.5	25.7
Dangerous when wet (formerly flammable solid W)	5.7	6.1	10.9	12.1	14.1	21.0	11.6	13.3	15.3
Oxidizer	3.8	3.7	5.8	8.0	7.4	9.6	7.5	6.7	8.0
Oxygen	6.9	8.0	12.7	13.0	13.4	15.9	11.7	11.5	11.5
Organic peroxide	5.7	5.8	12.4	11.3	13.4	14.0	10.5	11.9	8.4
Poison (formerly poisons A and B, solids, and liquids)	4.4	4.7	8.9	11.5	9.5	19.0	11.0	8.8	13.0
Keep away from food	5.5	6.2	13.4	13.9	14.9	27.6	13.2	13.8	15.9
Radioactive	8.0	7.1	9.1	21.0	17.8	20.4	19.6	16.4	22.3
Corrosive	2.6	2.9	4.8	4.5	5.1	9.7	4.0	4.7	7.2
Class 9	5.1	5.5	10.4	9.3	9.3	20.8	8.9	7.7	13.4
Hazardous materials not specified[1]	5.8	7.1	14.0	5.9	6.6	18.7	4.4	5.5	9.7
No hazardous materials carried	.2	.2	.3	.6	.6	1.1	.6	.6	.9
Not reported	1.3	1.5	2.5	1.9	2.3	6.1	1.6	2.1	4.3
TRUCK FLEET SIZE									
1	1.4	1.2	2.1	1.8	1.7	3.1	1.2	1.2	1.8
2 to 5	1.9	1.7	3.0	2.6	2.5	4.5	1.7	1.6	2.5
6 to 9	4.5	4.1	6.5	4.9	4.8	7.6	2.9	2.6	4.0
10 to 24	4.0	3.7	6.0	4.3	4.1	6.7	2.5	2.3	3.5
25 to 99	4.3	3.6	6.6	3.6	3.2	5.9	2.8	2.0	3.5
100 or more	3.8	3.2	7.2	2.3	2.7	5.6	2.3	2.0	3.3
Not reported	.8	.8	1.4	1.2	1.2	2.4	.9	.9	1.4
MILES PER GALLON									
Less than 5	4.4	1.5	4.6	1.9	1.6	2.4	4.5	1.4	4.5
5 to 6.9	1.0	.9	1.5	.8	.9	1.7	1.0	.9	1.6
7 to 8.9	2.3	2.6	3.9	2.5	3.0	5.5	2.2	2.2	4.0
9 to 10.9	2.6	2.3	3.5	3.6	3.4	5.4	2.6	2.5	3.8
11 to 12.9	2.3	1.9	3.4	3.1	3.1	5.2	2.2	2.3	3.3
13 to 14.9	2.1	2.0	3.6	2.7	2.8	5.3	1.7	1.9	2.8
15 or more	.6	.6	1.1	1.0	1.0	1.9	.8	.7	1.1
15 to 20.9	.8	.9	1.7	1.2	1.2	2.5	.9	.9	1.3
21 to 24.9	2.3	2.1	3.7	2.9	2.6	4.8	1.7	1.5	2.3
25 or more	4.7	3.7	5.5	6.2	5.2	7.3	3.7	3.6	5.0
Not reported	4.0	5.4	8.5	3.1	4.7	21.1	4.6	6.6	23.8
EQUIPMENT TYPE									
Braking system	.3	.3	.4	.5	.6	1.1	.5	.6	1.0
Hydraulic	1.3	1.3	1.8	2.2	2.5	3.6	1.8	2.1	3.1
Hydraulic (power)	1.2	1.1	1.5	1.8	2.1	2.9	1.4	1.7	2.4
Air	.5	.6	1.0	.6	.7	1.3	.6	.6	1.0
Other	6.3	6.4	10.0	8.0	8.9	13.2	5.7	6.3	8.4
Not reported	2.0	1.9	3.6	2.7	3.1	9.2	2.2	2.7	6.1
Antilock brakes	.9	1.4	3.9	1.2	1.7	5.1	.7	1.0	1.3
Power steering	.4	.4	.7	.7	.7	1.4	.6	.6	.9
Vehicle control aids for handicapped drivers	16.7	18.6	18.3	25.2	25.6	45.0	18.0	17.0	42.4
Air-conditioning	.5	.6	1.1	.8	.9	1.8	.6	.7	1.0
Wheelchair lift	16.5	11.9	19.4	21.2	14.5	34.9	18.9	8.3	29.6
Engine retarder	1.0	1.2	2.4	1.1	1.2	3.0	.8	1.0	1.5
Reflective materials	1.1	1.4	2.5	1.2	1.4	3.3	1.1	1.3	2.2
Electronic vehicle management system	1.6	2.0	4.8	1.7	2.3	5.8	1.0	1.3	1.8
Electronic vehicle identification device (transponder, etc.)	2.9	5.2	18.8	2.8	4.3	18.2	1.9	3.2	4.2
Trip recorders/on board computer system	1.9	2.7	6.7	1.7	2.4	7.1	1.4	1.9	2.7
Navigational systems	3.9	6.3	15.6	4.3	6.1	20.9	2.6	4.8	7.3
Airbag(s)[1]	1.4	N	N	1.5	N	N	.8	N	N
FUEL CONSERVATION EQUIPMENT									
Aerodynamic features	1.1	1.4	2.7	1.1	1.2	2.6	.9	1.1	1.5
Axle or drive ratio	1.0	1.2	2.0	1.0	1.1	2.2	.9	1.0	1.6
Fuel economy engine	.9	1.0	1.8	.9	1.0	2.0	.8	.8	1.2
Radial tires	.4	.4	.7	.7	.7	1.3	.6	.6	.9
Road speed governors	.9	1.1	1.8	1.0	1.2	2.6	.8	1.1	1.9
Variable fan drives	.9	1.1	1.9	1.0	1.0	2.0	.8	.9	1.3
Other fuel conservation devices	2.0	2.2	3.8	1.9	1.9	4.3	1.4	1.7	2.8

See footnotes at end of table.

Table 2b. Trucks, Truck Miles, and Average Annual Miles for All Trucks—Measures of Variability: 1997 and 1992—Con.

[For meaning of abbreviations and symbols, see introductory text. Columns A, B, D, E, G, H show relative standard error of estimate. Columns C, F, and I show standard error of estimate]

Vehicular and operational characteristics	1997 trucks	1992 trucks	Percent change	1997 truck miles	1992 truck miles	Percent change	1997 average miles per truck	1992 average miles per truck	Percent change
	A	B	C	D	E	F	G	H	I
MAINTENANCE									
General maintenance performed by—									
Owner	.8	.7	1.2	1.3	1.1	1.9	1.0	.8	1.3
Company's maintenance facilities	2.4	2.1	3.6	1.9	2.0	3.4	1.6	1.3	2.2
Dealership's service department	1.5	1.6	.4	1.7	1.9	.6	1.0	1.1	1.3
Leasing company	9.7	10.5	23.3	7.5	7.5	17.7	5.4	6.2	8.5
Independent garage	1.1	1.1	2.1	1.4	1.5	3.1	.9	1.1	1.6
Component distributorship	8.0	7.4	13.3	7.1	7.7	12.4	5.1	5.3	7.2
No one	7.6	7.4	11.6	9.9	11.5	20.7	7.3	8.0	13.5
Other	8.2	9.9	17.9	8.8	13.8	20.8	5.8	8.2	9.2
Not reported	3.6	3.8	7.7	3.7	5.4	12.1	2.8	3.9	6.0
Major overhauls performed by—									
Owner	2.5	2.0	3.0	3.4	3.0	3.9	2.3	2.1	2.9
Company's maintenance facilities	3.8	2.8	5.4	3.1	2.3	4.4	2.6	1.9	3.2
Dealership's service department	2.0	2.0	4.1	2.0	2.2	4.4	1.2	1.3	1.8
Leasing company	13.4	14.5	35.3	9.0	7.8	19.0	8.1	9.3	11.1
Independent garage	1.7	1.6	3.0	2.2	1.9	3.9	1.4	1.2	1.9
Component distributorship	5.3	4.7	8.2	4.8	4.3	8.1	3.0	2.9	4.6
No one	3.2	2.9	4.5	4.1	3.8	6.6	2.4	2.4	3.9
Other	10.7	11.6	14.7	12.2	14.1	16.6	6.9	9.0	10.9
Not reported	.8	.8	1.4	1.1	1.2	2.3	.9	.9	1.4
ENGINE TYPE AND SIZE									
Engine	.2	.2	.3	.6	.6	1.1	.6	.6	.9
Gasoline	.2	.2	.4	.7	.7	1.3	.7	.7	1.0
Diesel	1.7	1.9	3.3	1.1	1.3	2.5	1.1	1.2	1.8
Liquefied gas or other	12.3	10.1	13.5	13.3	14.7	16.3	10.7	9.4	13.7
Not reported	10.8	12.3	16.9	9.8	28.3	39.3	12.1	23.6	34.0
Cylinders	.2	.2	.3	.6	.6	1.1	.6	.6	.9
4	2.0	1.6	2.4	2.8	2.2	3.4	2.0	1.5	2.5
6	.8	1.0	2.1	1.0	1.2	2.6	.7	.8	1.1
8	1.0	.9	1.5	1.5	1.3	2.4	1.1	1.0	1.6
Other	S	44.2	S	S	S	S	S	S	S
Not reported	3.8	2.3	2.9	4.0	3.3	2.7	3.8	2.8	3.8
Cubic inch displacement	.2	.2	.3	.6	.6	1.1	.6	.6	.9
Gasoline engines	.2	.2	.4	.7	.7	1.3	.7	.7	1.0
Less than 200	1.3	1.1	1.9	1.9	1.6	2.6	1.3	1.1	1.6
200 to 299	1.4	1.8	4.8	1.7	2.4	6.9	1.0	1.5	2.0
300 to 349	1.7	1.5	2.5	2.5	2.0	3.6	1.7	1.3	2.3
350 to 399	1.7	1.5	2.6	2.2	2.1	3.9	1.5	1.4	2.3
400 or more	4.3	3.8	5.9	5.5	6.0	8.0	3.6	4.4	5.5
Not reported	3.8	2.4	3.1	6.0	4.6	4.7	5.0	3.8	5.5
Diesel engines	1.7	1.9	3.3	1.1	1.3	2.5	1.1	1.2	1.8
Less than 400	4.6	5.2	8.9	4.9	6.4	10.8	3.0	3.9	5.1
400 to 599	3.7	4.2	8.4	4.4	4.3	9.8	2.8	2.9	4.2
600 to 799	1.0	1.7	4.2	1.3	1.9	6.2	.9	1.4	2.2
800 or more	.9	.9	1.6	1.2	1.0	1.7	.8	.6	.9
Not reported	1.4	2.1	1.9	2.1	1.7	2.6	1.7	1.8	3.1
Other engines	12.3	10.1	13.5	13.3	14.7	16.3	10.7	9.4	13.7
Less than 400	15.4	12.1	20.5	13.6	14.3	17.5	12.2	8.7	12.7
400 or more	26.1	29.0	31.5	S	46.1	S	S	21.2	S
Not reported	20.8	22.3	11.8	25.8	31.3	9.9	22.0	18.7	18.2
Not reported	10.8	12.3	16.9	9.8	28.3	39.3	12.1	23.6	34.0
REFUELING LOCATION									
Central company-owned fueling facility	1.0	1.0	1.4	1.2	1.2	2.0	1.0	1.0	1.7
Single contract fueling facility located off-site	2.5	2.8	4.4	3.0	2.9	5.7	2.2	2.2	3.7
Public fueling stations	.6	.7	1.1	.8	.9	1.7	.8	.8	1.3
Other	3.0	2.9	3.8	4.9	5.0	6.6	4.5	4.9	7.0
Not reported	1.7	1.9	3.1	2.5	3.2	9.2	2.2	2.9	6.7
TRUCK TYPE AND AXLE ARRANGEMENT									
Single-unit trucks	.2	.2	.3	.7	.7	1.3	.6	.6	.9
2 axles	.2	.2	.3	.7	.7	1.3	.6	.6	.9
3 axles	1.4	1.6	2.3	2.3	2.4	4.1	1.8	1.9	3.0
4 axles or more	2.5	3.8	6.6	3.1	5.0	9.4	2.0	3.1	4.1
Combinations	2.1	2.1	3.6	1.0	1.2	2.2	1.6	1.6	2.6
Single-unit truck with trailer	5.5	4.2	6.8	5.9	5.1	9.1	4.8	4.4	7.8
4 axles	10.2	6.5	9.9	12.3	7.6	14.8	8.7	5.9	13.1
5 axles or more	4.6	4.8	8.0	6.6	6.7	11.6	4.7	5.0	7.1
Single-unit truck with utility trailer	6.1	5.6	9.0	8.5	8.4	13.2	5.5	5.8	8.1
3 axles	11.7	9.9	17.5	18.1	15.2	29.8	11.2	11.3	17.5
4 axles	7.4	7.3	11.1	8.8	10.8	14.4	5.8	7.2	8.9
5 axles or more	17.9	10.5	22.3	21.4	13.7	23.8	15.7	8.5	15.5
Truck-tractor with single trailer	.5	.6	1.0	.7	.7	1.4	.6	.6	.9
3 axles	4.2	4.7	6.4	5.7	6.3	9.4	4.0	3.8	6.0
4 axles	2.5	2.4	4.2	3.0	2.9	5.4	2.1	2.1	3.1
5 axles or more	.6	.6	1.1	.8	.8	1.6	.6	.5	.8
Truck-tractor with double trailers	3.4	4.6	10.0	3.8	5.9	13.0	2.3	2.8	3.8
5 axles	5.1	6.3	11.6	5.6	8.0	14.2	3.5	3.6	5.0
6 axles	7.0	10.9	53.5	7.7	13.6	77.1	4.3	7.3	10.0
7 axles or more	5.6	5.5	12.5	6.1	5.7	14.3	3.3	3.0	4.8

See footnotes at end of table.

Table 2b. **Trucks, Truck Miles, and Average Annual Miles for All Trucks—Measures of Variability: 1997 and 1992**—Con.

[For meaning of abbreviations and symbols, see introductory text. Columns A, B, D, E, G, H show relative standard error of estimate. Columns C, F, and I show standard error of estimate]

Vehicular and operational characteristics	1997 trucks	1992 trucks	Percent change	1997 truck miles	1992 truck miles	Percent change	1997 average miles per truck	1992 average miles per truck	Percent change
	A	B	C	D	E	F	G	H	I
TRUCK TYPE AND AXLE ARRANGEMENT—Con.									
Combinations—Con.									
Truck-tractor with triple trailers	12.7	21.0	122.7	13.2	23.4	150.6	5.0	13.5	16.4
7 axles	S	39.0	S	S	41.2	S	S	25.6	S
8 axles or more	13.1	18.1	190.3	13.5	20.4	269.2	5.3	7.7	11.4
Trailer not specified	N	N	N	N	N	N	N	N	N
Powered axles	.2	.2	.3	.6	.6	1.1	.6	.6	.9
1	.6	.5	.8	1.0	.9	1.6	.8	.8	1.2
2	1.0	1.1	2.3	1.1	1.2	2.6	.7	.8	1.1
3 or more	3.9	6.1	15.5	5.0	7.4	43.3	3.5	6.1	15.9
Not reported	N	20.6	N	N	25.5	N	N	14.0	N
CAB TYPE									
Cab forward of engine	3.8	5.1	10.5	4.6	6.5	15.4	3.2	5.3	7.2
Cab over engine	1.6	1.4	1.8	2.0	1.4	1.7	1.6	1.3	1.7
Conventional cab	.4	.5	.7	.6	.8	1.5	.6	.7	1.2
Cab beside engine	8.6	7.6	10.0	12.1	10.9	15.4	8.6	8.1	12.9
Other	5.4	5.3	6.6	7.6	6.8	8.6	5.9	4.4	7.2
Not reported	1.8	2.0	3.6	2.5	3.1	9.3	2.1	2.7	6.0
PICKUPS, PANELS, VANS, SPORT UTILITIES, AND STATION WAGONS									
Total	.2	.2	.3	.7	.7	1.3	.7	.7	1.0
Pickups	.3	.2	.4	1.1	.9	1.6	1.0	.9	1.4
Minivans	1.9	2.0	4.4	2.3	2.6	5.6	1.3	1.6	2.1
Panels or vans	2.7	2.1	3.4	3.6	3.1	5.1	2.5	2.3	3.7
Sport utilities	1.5	1.8	4.5	1.9	2.4	6.3	1.2	1.4	2.0
Station wagons	5.1	4.4	8.2	5.9	5.5	11.1	3.1	3.2	5.0
Driving wheels	.2	.2	.3	.7	.7	1.3	.7	.7	1.0
4-wheel drive	1.0	1.2	2.5	1.4	1.6	3.5	.9	1.0	1.4
2-wheel drive	.6	.5	.9	1.1	1.0	1.8	.9	.8	1.3
Front-wheel drive	1.6	1.7	3.6	2.0	2.2	4.9	1.2	1.4	2.0
Not reported	N	20.6	N	N	25.5	N	N	14.0	N

[1]New or modified data line from 1992.

Table 3a. Trucks, Truck Miles, and Average Annual Miles for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons: 1997 and 1992

[Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997 trucks[1] (thousands)	1992 trucks (thousands)	Percent change	1997 truck miles[2] (millions)	1992 truck miles[2] (millions)	Percent change	1997 average miles per truck[2] (thousands)	1992 average miles per truck[2] (thousands)	Percent change
	A	B	C	D	E	F	G	H	I
Total trucks	**5 664.7**	**5 112.4**	**10.8**	**157 363.7**	**116 579.5**	**35.0**	**27.8**	**22.8**	**21.9**
MAJOR USE									
Agriculture	854.7	898.7	–4.9	7 927.3	7 454.9	6.3	9.3	8.3	12.0
Forestry and lumbering	112.1	100.6	11.4	3 186.4	2 611.5	22.0	28.4	26.0	9.2
Mining and quarrying	82.1	79.2	3.7	1 921.8	1 480.6	29.8	23.4	18.7	25.1
Construction	1 161.8	1 015.4	14.4	17 558.4	13 453.5	30.5	15.1	13.2	14.4
Manufacturing	258.6	257.6	.4	8 921.9	8 446.7	5.6	34.5	32.8	5.2
Wholesale trade	440.4	438.3	.5	14 753.6	12 397.4	19.0	33.5	28.3	18.4
Retail trade	469.3	434.9	7.9	11 528.8	8 552.3	34.8	24.6	19.7	24.9
For-hire transportation	938.2	769.6	21.9	69 019.0	49 164.5	40.4	73.6	63.9	15.2
Utilities	204.9	183.4	11.7	2 570.9	2 015.8	27.5	12.5	11.0	13.6
Services	591.4	421.2	40.4	12 438.3	6 782.1	83.4	21.0	16.1	30.4
Daily rental	171.2	90.6	89.0	5 907.8	2 865.4	106.2	34.5	31.6	9.2
One-way rental	28.3	14.1	100.7	645.5	305.4	111.4	22.8	21.6	5.6
Personal transportation	183.0	231.0	–20.8	952.5	996.3	–4.4	5.2	4.3	20.9
Other	V	S	S	V	S	S	V	S	S
Not in use	168.6	177.8	–5.2	31.8	53.0	–40.0	.2	.3	–33.3
Not reported	V	V	N	V	V	N	V	V	N
BODY TYPE									
Multistop or stepvan	560.4	408.4	37.2	9 428.6	6 088.5	54.9	16.8	14.9	12.8
Platform with added devices	308.2	295.7	4.2	3 670.1	3 034.7	20.9	11.9	10.3	15.5
Low boy or depressed center	111.1	89.8	23.7	2 708.6	1 944.8	39.3	24.4	21.6	13.0
Basic platform	1 176.1	1 183.3	–.6	22 383.8	18 223.0	22.8	19.0	15.4	23.4
Livestock truck	39.1	48.3	–19.0	1 037.3	1 105.3	–6.2	26.5	22.9	15.7
Insulated nonrefrigerated van	34.5	23.3	48.1	2 575.8	1 297.9	98.5	74.6	55.6	34.2
Insulated refrigerated van	234.0	204.8	14.3	16 363.0	12 194.0	34.2	69.9	59.5	17.5
Drop-frame van	54.9	60.1	–8.7	2 357.5	2 373.2	–.7	43.0	39.5	8.9
Open-top van	20.8	20.1	3.5	1 032.9	809.8	27.6	49.7	40.3	23.3
Basic enclosed van	1 009.0	785.4	28.5	55 849.4	35 706.3	56.4	55.4	45.5	21.8
Beverage	70.2	73.0	–3.8	1 244.7	1 136.0	9.6	17.7	15.6	13.5
Public utility	152.0	157.0	–3.2	1 669.0	1 572.5	6.1	11.0	10.0	10.0
Winch or crane	55.0	58.8	–6.5	808.1	665.2	21.5	14.7	11.3	30.1
Wrecker	111.9	104.1	7.5	1 737.3	1 482.0	17.2	15.5	14.2	9.2
Pole or logging	55.7	53.9	3.3	2 158.8	1 857.6	16.2	38.8	34.5	12.5
Auto transport	20.1	22.3	–9.9	915.3	1 032.3	–11.3	45.5	46.3	–1.7
Service truck	168.6	144.1	17.0	2 263.8	1 978.6	14.4	13.4	13.7	–2.2
Yard tractor	10.8	8.1	33.3	113.8	52.1	118.4	10.5	6.4	64.1
Oilfield truck	26.1	26.5	–1.5	440.7	353.6	24.6	16.9	13.3	27.1
Grain body	299.1	310.8	–3.8	2 772.5	2 482.2	11.7	9.3	8.0	16.3
Garbage hauler	91.6	72.4	26.5	2 307.0	1 514.7	52.3	25.2	20.9	20.6
Dump truck	670.8	611.9	9.6	11 369.6	9 381.8	21.2	16.9	15.3	10.5
Tank truck (liquids or gases)	249.4	231.9	7.5	8 604.6	7 284.3	18.1	34.5	31.4	9.9
Tank truck (dry bulk)	39.7	33.8	17.5	1 855.3	1 558.5	19.0	46.7	46.1	1.3
Concrete mixer	73.1	61.0	19.8	1 126.4	830.1	35.7	15.4	13.6	13.2
Other	22.6	23.7	–4.6	570.0	620.4	–8.1	25.2	26.2	–3.8
Not reported	V	V	N	V	V	N	V	V	N
ANNUAL MILES									
Less than 5,000	1 554.2	1 663.1	–6.5	2 553.0	2 752.9	–7.3	1.6	1.7	–5.9
5,000 to 9,999	753.4	751.9	.2	5 102.5	5 045.1	1.1	6.8	6.7	1.5
10,000 to 19,999	1 128.8	978.6	15.3	15 315.6	13 079.4	17.1	13.6	13.4	1.5
20,000 to 29,999	585.4	512.6	14.2	13 535.1	11 826.9	14.4	23.1	23.1	V
30,000 to 49,999	571.1	458.8	24.5	20 903.8	16 839.0	24.1	36.6	36.7	–.3
50,000 to 74,999	374.5	284.9	31.4	22 269.9	16 844.9	32.2	59.5	59.1	.7
75,000 or more	697.3	462.3	50.8	77 683.8	50 191.3	54.8	111.4	108.6	2.6
PRIMARY RANGE OF OPERATION									
Local	2 971.2	2 968.2	.1	38 225.3	35 737.6	7.0	12.9	12.0	7.5
Short-range	927.1	740.9	25.1	26 155.8	19 731.0	32.6	28.2	26.6	6.0
Short-range medium	426.6	297.1	43.6	19 733.2	13 618.7	44.9	46.3	45.8	1.1
Long-range medium	421.7	259.1	62.8	28 273.8	18 136.6	55.9	67.1	70.0	–4.1
Long-range	434.4	301.4	44.1	42 881.3	27 463.8	56.1	98.7	91.1	8.3
Off-the-road	350.6	431.1	–18.7	2 094.2	1 891.8	10.7	6.0	4.4	36.4
Not reported	133.1	114.6	16.1	V	V	N	V	V	N
WEEKS OPERATED									
Less than 1	227.5	264.4	–14.0	43.8	95.0	–53.9	.2	.4	–50.0
1 to 4	326.7	348.2	–6.2	526.9	575.8	–8.5	1.6	1.7	–5.9
5 to 8	303.3	304.0	–.2	1 278.9	1 187.5	7.7	4.2	3.9	7.7
9 to 12	237.5	231.6	2.5	1 620.9	1 363.5	18.9	6.8	5.9	15.3
13 to 16	159.7	177.4	–10.0	1 678.2	1 515.5	10.7	10.5	8.5	23.5
17 to 20	138.9	143.6	–3.3	1 757.6	1 679.7	4.6	12.6	11.7	7.7
21 to 24	199.8	209.5	–4.6	2 857.1	2 541.5	12.4	14.3	12.1	18.2
25 to 28	251.4	240.1	4.7	4 181.7	3 812.7	9.7	16.6	15.9	4.4
29 to 32	165.9	135.5	22.4	4 196.1	2 628.9	59.6	25.3	19.4	30.4
33 to 36	190.6	164.4	15.9	4 260.3	3 489.6	22.1	22.4	21.2	5.7
37 to 40	257.0	227.1	13.2	6 978.3	5 281.2	32.1	27.2	23.3	16.7
41 to 44	287.2	224.2	28.1	9 827.2	6 897.2	42.5	34.2	30.8	11.0
45 to 48	509.8	390.2	30.7	22 128.4	14 241.3	55.4	43.4	36.5	18.9
49 to 52	2 217.7	2 008.4	10.4	89 939.2	70 622.1	27.4	40.6	35.2	15.3
Not reported	191.6	43.9	336.4	6 089.0	648.0	839.7	31.8	14.8	114.9

See footnotes at end of table.

Table 3a. **Trucks, Truck Miles, and Average Annual Miles for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons: 1997 and 1992**—Con.

[Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997 trucks[1] (thousands)	1992 trucks (thousands)	Percent change	1997 truck miles[2] (millions)	1992 truck miles[2] (millions)	Percent change	1997 average miles per truck[2] (thousands)	1992 average miles per truck[2] (thousands)	Percent change
	A	B	C	D	E	F	G	H	I
BASE OF OPERATION									
Percentage of miles traveled outside base-of-operation state:									
Less than 25 percent	3 846.7	3 759.7	2.3	67 173.7	56 531.7	18.8	17.5	15.0	16.7
25 to 49 percent	223.4	163.3	36.8	11 223.0	7 546.8	48.7	50.2	46.2	8.7
50 to 74 percent	236.2	194.6	21.4	15 751.5	11 883.8	32.5	66.7	61.1	9.2
75 to 100 percent	357.3	268.7	33.0	30 013.3	21 561.7	39.2	84.0	80.2	4.7
No home base	132.3	N	N	10 999.2	N	N	83.1	N	N
Not reported	810.7	557.8	45.3	22 202.9	10 369.4	114.1	27.4	18.6	47.3
VEHICLE SIZE									
Light	1 208.7	1 326.2	–8.9	13 664.8	14 155.0	–3.5	11.3	10.7	5.6
Medium	1 191.2	1 037.5	14.8	15 640.2	11 447.8	36.6	13.1	11.0	19.1
Light-heavy	729.3	732.2	–.4	10 128.8	8 143.2	24.4	13.9	11.1	25.2
Heavy-heavy	2 535.5	2 016.4	25.7	117 929.9	82 831.9	42.4	46.5	41.1	13.1
AVERAGE WEIGHT (POUNDS)									
Less than 6,001	279.7	360.6	–22.4	2 497.7	3 074.8	–18.8	8.9	8.5	4.7
6,001 to 10,000	929.0	965.5	–3.8	11 167.1	11 072.0	.9	12.0	11.5	4.3
10,001 to 14,000	625.0	514.9	21.4	8 525.1	5 922.0	44.0	13.6	11.5	18.3
14,001 to 16,000	289.2	255.7	13.1	3 561.2	2 596.9	37.1	12.3	10.2	20.6
16,001 to 19,500	277.0	267.3	3.6	3 553.9	2 939.7	20.9	12.8	11.0	16.4
19,501 to 26,000	729.3	732.0	–.4	10 128.8	8 142.3	24.4	13.9	11.1	25.2
26,001 to 33,000	427.7	387.2	10.5	7 092.0	5 693.7	24.6	16.6	14.7	12.9
33,001 to 40,000	256.7	232.6	10.4	6 594.0	5 285.0	24.8	25.7	22.7	13.2
40,001 to 50,000	399.9	338.6	18.1	13 078.1	9 621.8	35.9	32.7	28.4	15.1
50,001 to 60,000	311.4	226.7	37.4	12 652.5	8 698.5	45.5	40.6	38.4	5.7
60,001 to 80,000	1 069.8	781.1	37.0	74 723.5	51 043.6	46.4	69.9	65.4	6.9
80,001 to 100,000	46.3	33.3	39.0	2 427.0	1 528.8	58.8	52.5	45.9	14.4
100,001 to 130,000	17.9	12.3	45.5	1 050.7	733.8	43.2	58.6	59.5	–1.5
130,001 or more	5.9	4.6	28.3	311.8	226.7	37.5	52.5	49.1	6.9
Not reported	V	V	N	V	V	N	V	V	N
TOTAL LENGTH (FEET)									
Less than 20.0	1 381.5	1 524.8	–9.4	16 356.8	15 731.7	4.0	11.8	10.3	14.6
20.0 to 27.9	1 885.1	1 682.9	12.0	23 564.3	18 770.4	25.5	12.5	11.2	11.6
28.0 to 35.9	625.8	529.2	18.3	11 430.9	8 475.9	34.9	18.3	16.0	14.4
36.0 to 40.9	156.1	141.3	10.5	3 023.1	2 617.6	15.5	19.4	18.5	4.9
41.0 to 44.9	80.1	69.8	14.8	1 820.4	1 555.2	17.1	22.7	22.3	1.8
45.0 or more	1 536.0	1 164.5	31.9	101 166.4	69 428.6	45.7	65.9	59.6	10.6
Not reported	V	S	S	V	S	S	V	S	S
YEAR MODEL									
1998	50.7	N	N	2 324.9	N	N	45.8	N	N
1997	275.1	N	N	14 996.5	N	N	54.5	N	N
1996	312.9	N	N	19 223.4	N	N	61.4	N	N
1995	420.7	N	N	22 116.1	N	N	52.6	N	N
1994	310.3	N	N	15 470.1	N	N	49.9	N	N
1993	251.0	S	S	12 084.2	S	S	48.1	S	S
1992	190.4	159.3	19.5	8 285.5	8 288.5	V	43.5	52.0	–16.3
1991	205.6	212.2	–3.1	7 211.1	9 769.4	–26.2	35.1	46.0	–23.7
1990	269.1	274.4	–1.9	8 491.0	12 102.3	–29.8	31.6	44.1	–28.3
1989	286.0	304.9	–6.2	8 046.1	13 186.6	–39.0	28.1	43.3	–35.1
1988	297.7	302.9	–1.7	7 317.8	11 439.9	–36.0	24.6	37.8	–34.9
Pre-1988	2 795.1	3 818.0	–26.8	31 797.1	60 700.7	–47.6	11.4	15.9	–28.3
Not reported	V	V	N	V	V	N	V	V	N
VEHICLE ACQUISITION									
Purchased new	2 323.6	2 091.2	11.1	83 418.9	61 078.6	36.6	35.9	29.2	22.9
Purchased used	2 762.6	2 601.1	6.2	44 648.1	37 362.8	19.5	16.2	14.4	12.5
Leased from someone else	522.2	373.6	39.8	27 900.7	17 045.0	63.7	53.4	45.6	17.1
Other	N	6.2	N	N	189.0	N	N	30.3	N
Not reported	56.3	40.3	39.7	1 396.0	904.3	54.4	24.8	22.4	10.7
LEASE CHARACTERISTICS[3 4]									
Leased without driver	775.0	501.7	54.5	36 281.9	20 427.3	77.6	46.8	40.7	15.0
Leased with driver other than owner-operator	77.8	76.1	2.2	3 999.0	4 014.7	–.4	51.4	52.7	–2.5
Leased with owner-operator	194.1	154.9	25.3	9 856.0	7 241.6	36.1	50.8	46.7	8.8
Provisions of lease:									
Financing	270.0	184.8	46.1	14 874.8	8 339.4	78.4	55.1	45.1	22.2
Full maintenance	251.8	161.8	55.6	14 007.0	8 538.5	64.0	55.6	52.8	5.3
Maintenance on specific parts	25.1	13.3	88.7	1 271.8	702.6	81.0	50.7	52.7	–3.8
Payment of taxes	245.4	134.7	82.2	13 895.5	7 351.6	89.0	56.6	54.6	3.7
Obtaining licenses and permits	284.6	179.7	58.4	17 221.9	10 357.2	66.3	60.5	57.6	5.0
Record keeping for leased trucks	222.7	123.5	80.3	13 584.8	7 433.0	82.8	61.0	60.2	1.3
Other	40.4	26.2	54.2	2 210.2	1 525.2	44.9	54.7	58.3	–6.2

See footnotes at end of table.

Table 3a. **Trucks, Truck Miles, and Average Annual Miles for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons: 1997 and 1992**—Con.

[Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997 trucks[1] (thousands)	1992 trucks (thousands)	Percent change	1997 truck miles[2] (millions)	1992 truck miles[2] (millions)	Percent change	1997 average miles per truck[2] (thousands)	1992 average miles per truck[2] (thousands)	Percent change
	A	B	C	D	E	F	G	H	I
PRIMARY OPERATOR CLASSIFICATION									
Not for hire	4 554.9	4 250.3	7.2	82 436.9	64 553.3	27.7	18.1	15.2	19.1
Business use	4 327.1	3 966.9	9.1	81 343.2	63 422.8	28.3	18.8	16.0	17.5
Personal transportation	211.6	267.9	–21.0	962.7	1 015.9	–5.2	4.5	3.8	18.4
Mixed—business use/personal transportation	16.2	15.5	4.5	130.9	114.6	14.2	8.1	7.4	9.5
For hire	938.6	771.4	21.7	69 019.0	49 160.0	40.4	73.5	63.7	15.4
Motor carrier	696.3	567.3	22.7	52 512.9	37 233.0	41.0	75.4	65.6	14.9
Owner/operator	187.2	153.8	21.7	13 142.3	9 905.7	32.7	70.2	64.4	9.0
Independent	100.7	81.9	23.0	5 832.9	4 331.8	34.7	57.9	52.9	9.5
Leased to a company	86.5	71.9	20.3	7 309.3	5 573.9	31.1	84.5	77.6	8.9
Not reported	21.5	27.3	–21.2	1 589.0	964.2	64.8	73.8	35.4	108.5
Daily rental	171.2	90.7	88.8	5 907.8	2 865.4	106.2	34.5	31.6	9.2
Mixed—not for hire/for hire	29.1	S	S	1 400.3	S	S	48.2	S	S
For-hire jurisdiction:									
Interstate	577.0	412.4	39.9	51 788.4	34 698.7	49.3	89.7	84.1	6.7
Intrastate	184.9	183.4	.8	9 172.2	8 139.2	12.7	49.6	44.4	11.7
Local	115.6	96.1	20.3	3 283.0	2 528.8	29.8	28.4	26.3	8.0
Not reported	58.3	56.4	3.4	4 692.4	2 736.3	71.5	80.5	48.5	66.0
Type of carrier (interstate only):									
Contract	251.9	167.5	50.4	24 455.5	14 956.2	63.5	97.1	89.3	8.7
Common	302.2	226.7	33.3	25 314.8	18 189.3	39.2	83.8	80.2	4.5
Exempt	15.9	14.6	8.9	1 397.8	1 260.3	10.9	87.8	86.1	2.0
Not reported	7.7	3.5	120.0	685.8	292.9	134.1	89.0	83.0	7.2
Kind of service:									
Truckload	579.8	453.1	28.0	46 815.6	33 847.2	38.3	80.7	74.7	8.0
Less than truckload	283.2	231.2	22.5	16 471.9	11 065.7	48.9	58.2	47.9	21.5
Not reported	72.6	64.1	13.3	5 646.6	3 190.0	77.0	77.8	49.8	56.2
PRIMARY PRODUCTS CARRIED									
Farm products	617.6	614.8	.5	10 020.4	8 638.2	16.0	16.2	14.1	14.9
Live animals	115.2	149.7	–23.0	2 766.5	2 543.0	8.8	24.0	17.0	41.2
Animal feed	98.5	101.1	–2.6	2 171.6	2 022.3	7.4	22.0	20.0	10.0
Mining products	38.7	35.9	7.8	1 552.5	1 382.9	12.3	40.1	38.5	4.2
Logs and other forest products	119.1	112.2	6.1	3 704.8	3 096.5	19.6	31.1	27.6	12.7
Lumber and fabricated wood products	159.6	137.2	16.3	5 087.3	3 800.9	33.8	31.9	27.7	15.2
Processed foods	492.8	447.6	10.1	23 741.8	17 547.3	35.3	48.2	39.2	23.0
Textile mill products	107.7	73.7	46.1	4 944.3	2 523.1	96.0	45.9	34.2	34.2
Building materials	795.6	649.2	22.6	15 571.4	12 041.3	29.3	19.6	18.5	5.9
Household goods	147.6	65.0	127.1	4 014.9	2 071.6	93.8	27.2	31.8	–14.5
Furniture or hardware	88.2	91.8	–3.9	3 278.3	2 894.2	13.3	37.2	31.5	18.1
Paper products	103.8	94.7	9.6	6 404.4	5 255.0	21.9	61.7	55.5	11.2
Chemicals	147.2	138.3	6.4	4 998.5	3 935.4	27.0	33.9	28.5	18.9
Petroleum	170.4	171.0	–.4	4 942.1	4 580.8	7.9	29.0	26.8	8.2
Plastics and/or rubber	64.4	46.2	39.4	2 710.1	1 887.4	43.6	42.1	40.9	2.9
Primary metal products	100.4	96.2	4.4	4 746.9	3 777.5	25.7	47.3	39.3	20.4
Fabricated metal products	106.8	111.4	–4.1	3 359.4	2 894.2	16.1	31.5	26.0	21.2
Machinery	285.4	201.4	41.7	7 400.2	3 678.0	101.2	25.9	18.3	41.5
Transportation equipment	213.5	205.6	3.8	6 297.8	5 196.6	21.2	29.5	25.3	16.6
Glass products	11.5	11.5	V	625.8	587.3	6.6	54.4	51.1	6.5
Miscellaneous products of manufacturing	108.8	84.8	28.3	5 195.9	2 920.3	77.9	47.8	34.5	38.6
Industrial "waste" water	6.2	8.4	–26.2	210.1	201.4	4.3	33.7	23.8	41.6
Scrap, refuse, or garbage	166.8	152.5	9.4	3 326.4	2 527.8	31.6	19.9	16.6	19.9
Mixed cargoes	359.8	257.1	39.9	18 411.6	10 786.7	70.7	51.2	42.0	21.9
Craftsman's equipment	369.4	322.5	14.5	5 046.7	3 924.4	28.6	13.7	12.2	12.3
Recyclable products	49.3	39.1	26.1	1 286.4	878.1	46.5	26.1	22.4	16.5
Hazardous waste (EPA manifest)	7.5	7.3	2.7	465.8	424.2	9.8	62.2	58.0	7.2
Hazardous waste (non-EPA manifest)	2.2	3.1	–29.0	82.7	114.7	–27.9	37.8	37.2	1.6
Personal transportation	183.0	230.8	–20.7	952.5	995.8	–4.3	5.2	4.3	20.9
Passengers	19.0	5.5	245.5	277.3	117.4	136.2	14.6	21.2	–31.1
No load carried	179.3	208.8	–14.1	1 793.6	1 904.5	–5.8	10.0	9.1	9.9
Not in use	168.6	180.0	–6.3	31.8	61.3	–48.1	.2	.3	–33.3
Other	60.7	58.0	4.7	1 944.0	1 369.6	41.9	32.0	23.6	35.6
Not reported	V	V	N	V	V	N	V	V	N
HAZARDOUS MATERIALS CARRIED									
Carrying hazardous materials[4 5]	403.3	N	N	24 787.3	N	N	61.5	N	N
Hazmat placard names:									
Explosives 1.1 (formerly explosive A)	7.2	14.9	–51.7	57.9	44.6	29.8	8.1	3.0	170.0
Explosives 1.2 (formerly explosive A)	3.8	4.5	–15.6	S	16.9	S	S	3.8	S
Explosives 1.3 (formerly explosive B)	4.5	8.2	–45.1	29.9	50.4	–40.7	6.7	6.2	8.1
Explosives 1.4 (formerly dangerous)	37.3	27.8	34.2	120.1	138.2	–13.1	3.2	5.0	–36.0
Explosives 1.5 (formerly blasting agents)	22.7	16.1	41.0	86.6	117.4	–26.2	3.8	7.3	–47.9
Explosives 1.6 (formerly dangerous)	25.3	20.7	22.2	86.1	114.7	–24.9	3.4	5.5	–38.2
Flammable gas	115.3	103.9	11.0	1 453.5	1 560.7	–6.9	12.6	15.0	–16.0
Nonflammable gas	83.0	74.7	11.1	730.5	692.3	5.5	8.8	9.3	–5.4
Poisonous gas	34.1	28.9	18.0	101.0	161.3	–37.4	3.0	5.6	–46.4
Flammable	218.0	182.0	19.8	3 860.7	2 582.2	49.5	17.7	14.2	24.6
Combustible	127.5	110.3	15.6	1 791.9	1 136.1	57.7	14.1	10.3	36.9
Flammable solid	65.4	66.6	–1.8	237.4	314.0	–24.4	3.6	4.7	–23.4
Spontaneously combustible (formerly flammable solid)	41.4	29.4	40.8	168.7	118.4	42.5	4.1	4.0	2.5
Dangerous when wet (formerly flammable solid W)	47.4	36.2	30.9	160.6	142.4	12.8	3.4	3.9	–12.8
Oxidizer	90.8	81.8	11.0	478.8	542.4	–11.7	5.3	6.6	–19.7

See footnotes at end of table.

Table 3a. **Trucks, Truck Miles, and Average Annual Miles for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons: 1997 and 1992**—Con.

[Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997 trucks[1] (thousands)	1992 trucks (thousands)	Percent change	1997 truck miles[2] (millions)	1992 truck miles[2] (millions)	Percent change	1997 average miles per truck[2] (thousands)	1992 average miles per truck[2] (thousands)	Percent change
	A	B	C	D	E	F	G	H	I
HAZARDOUS MATERIALS CARRIED—Con.									
Hazmat placard names—Con.									
Oxygen	39.0	32.4	20.4	199.8	234.9	–14.9	5.1	7.3	–30.1
Organic peroxide	46.5	30.6	52.0	123.5	154.5	–20.1	2.7	5.0	–46.0
Poison (formerly poisons A and B, solids, and liquids)	70.9	51.8	36.9	287.9	226.1	27.3	4.1	4.4	–6.8
Keep away from food	49.6	30.8	61.0	177.4	131.2	35.2	3.6	4.3	–16.3
Radioactive	19.2	22.6	–15.0	78.7	106.4	–26.0	4.1	4.7	–12.8
Corrosive	159.2	129.3	23.1	2 105.3	1 475.6	42.7	13.2	11.4	15.8
Class 9	53.5	38.4	39.3	596.0	375.7	58.6	11.1	9.8	13.3
Hazardous materials not specified[5]	40.6	26.6	52.6	2 734.5	1 296.3	110.9	67.4	48.8	38.1
No hazardous materials carried	4 482.5	4 149.8	8.0	113 704.9	89 001.9	27.8	25.4	21.4	18.7
Not reported	778.8	546.7	42.5	18 871.4	8 442.7	123.5	24.2	15.4	57.1
TRUCK FLEET SIZE									
1	751.4	724.3	3.7	16 243.6	12 043.0	34.9	21.6	16.6	30.1
2 to 5	1 406.6	1 394.8	.8	21 416.7	18 420.4	16.3	15.2	13.2	15.2
6 to 9	459.3	447.7	2.6	9 266.8	8 559.5	8.3	20.2	19.1	5.8
10 to 24	584.7	581.9	.5	14 879.9	14 373.0	3.5	25.4	24.7	2.8
25 to 99	635.9	557.5	14.1	21 968.0	18 273.9	20.2	34.5	32.8	5.2
100 or more	1 093.0	859.7	27.1	56 871.5	36 652.7	55.2	52.0	42.6	22.1
Not reported	733.8	546.6	34.2	16 717.2	8 257.0	102.5	22.8	15.1	51.0
MILES PER GALLON									
Less than 5	522.9	580.7	–10.0	14 682.4	15 779.4	–7.0	28.1	27.2	3.3
5 to 6.9	1 841.9	1 653.9	11.4	84 527.2	63 353.9	33.4	45.9	38.3	19.8
7 to 8.9	1 040.6	951.8	9.3	22 219.0	14 890.2	49.2	21.4	15.6	37.2
9 to 10.9	841.5	778.1	8.1	12 006.7	9 926.5	21.0	14.3	12.8	11.7
11 to 12.9	411.3	377.3	9.0	5 773.0	4 814.2	19.9	14.0	12.8	9.4
13 to 14.9	163.0	132.8	22.7	2 590.7	1 917.5	35.1	15.9	14.4	10.4
15 or more	290.5	240.6	20.7	4 309.4	3 050.5	41.3	14.8	12.7	16.5
15 to 20.9	275.0	222.1	23.8	4 007.6	2 757.3	45.3	14.6	12.4	17.7
21 to 24.9	8.9	9.3	–4.3	118.1	119.2	–.9	13.3	12.9	3.1
25 or more	6.6	9.2	–28.3	S	174.0	S	S	19.0	S
Not reported	553.0	397.3	39.2	11 255.3	2 847.4	295.3	20.4	7.2	183.3
EQUIPMENT TYPE[4]									
Braking system	5 664.7	5 093.9	11.2	157 363.7	116 460.8	35.1	27.8	22.9	21.4
Hydraulic	1 252.5	1 294.8	–3.3	13 993.0	12 922.6	8.3	11.2	10.0	12.0
Hydraulic (power)	1 453.6	1 504.9	–3.4	19 229.7	18 537.4	3.7	13.2	12.3	7.3
Air	2 457.4	1 973.3	24.5	112 645.0	80 318.5	40.2	45.8	40.7	12.5
Other	78.7	71.0	10.8	1 018.0	927.4	9.8	12.9	13.1	–1.5
Not reported	422.5	249.7	69.2	10 478.0	3 754.9	179.0	24.8	15.0	65.3
Antilock brakes	748.9	363.2	106.2	37 195.5	12 420.7	199.5	49.7	34.2	45.3
Power steering	4 398.3	3 749.0	17.3	134 968.2	98 855.4	36.5	30.7	26.4	16.3
Vehicle control aids for handicapped drivers	V	V	N	V	V	N	V	V	N
Air-conditioning	2 242.3	1 513.6	48.1	110 506.1	73 760.5	49.8	49.3	48.7	1.2
Wheelchair lift	V	V	N	V	V	N	V	V	N
Engine retarder	831.5	540.0	54.0	55 246.5	30 386.0	81.8	66.4	56.3	17.9
Reflective materials	1 182.8	846.6	39.7	50 555.8	28 296.2	78.7	42.7	33.4	27.8
Electronic vehicle management system	468.9	175.6	167.0	36 157.9	11 471.7	215.2	77.1	65.3	18.1
Electronic vehicle identification device (transponder, etc.)	147.9	46.6	217.4	13 134.2	3 685.6	256.4	88.8	79.1	12.3
Trip recorders/on board computer system	409.1	199.9	104.7	28 440.0	11 950.7	138.0	69.5	59.8	16.2
Navigational systems	64.9	31.0	109.4	5 769.0	2 051.5	181.2	88.8	66.2	34.1
Airbag(s)[5]	427.4	N	N	28 107.6	N	N	65.8	N	N
FUEL CONSERVATION EQUIPMENT[4]									
Aerodynamic features	853.0	575.9	48.1	62 997.8	38 664.8	62.9	73.9	67.1	10.1
Axle or drive ratio	1 287.4	1 020.6	26.1	71 247.1	46 809.9	52.2	55.3	45.9	20.5
Fuel economy engine	1 508.3	1 117.7	34.9	82 709.3	55 447.5	49.2	54.8	49.6	10.5
Radial tires	3 732.2	2 984.8	25.0	127 736.3	95 947.3	33.1	34.2	32.1	6.5
Road speed governors	1 451.4	1 137.6	27.6	71 638.3	41 709.8	71.8	49.4	36.7	34.6
Variable fan drives	1 303.2	999.3	30.4	72 215.0	50 988.1	41.6	55.4	51.0	8.6
Other fuel conservation devices	326.7	258.3	26.5	24 915.7	15 632.8	59.4	76.3	60.5	26.1
MAINTENANCE[4]									
General maintenance performed by—									
Owner	1 875.4	1 931.9	–2.9	32 857.4	28 952.2	13.5	17.5	15.0	16.7
Company's maintenance facilities	2 132.3	1 958.7	8.9	79 856.7	62 638.7	27.5	37.5	32.0	17.2
Dealership's service department	525.1	410.0	28.1	20 456.9	13 352.5	53.2	39.0	32.6	19.6
Leasing company	102.8	81.9	25.5	5 689.8	4 323.2	31.6	55.4	52.8	4.9
Independent garage	1 346.1	1 153.9	16.7	36 206.5	25 951.7	39.5	26.9	22.5	19.6
Component distributorship	73.7	59.9	23.0	4 246.4	3 401.4	24.8	57.6	56.8	1.4
No one	32.8	28.3	15.9	252.4	143.4	76.0	7.7	5.1	51.0
Other	30.1	23.2	29.7	1 175.6	1 033.8	13.7	39.0	44.6	–12.6
Not reported	551.3	305.5	80.5	16 679.9	5 064.0	229.4	30.3	16.6	82.5

See footnotes at end of table.

Table 3a. **Trucks, Truck Miles, and Average Annual Miles for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons: 1997 and 1992**—Con.

[Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997 trucks[1] (thousands)	1992 trucks (thousands)	Percent change	1997 truck miles[2] (millions)	1992 truck miles[2] (millions)	Percent change	1997 average miles per truck[2] (thousands)	1992 average miles per truck[2] (thousands)	Percent change
	A	B	C	D	E	F	G	H	I
MAINTENANCE[4]—Con.									
Major overhauls performed by—									
Owner	441.5	515.9	–14.4	6 534.4	7 580.0	–13.8	14.8	14.7	.7
Company's maintenance facilities	1 137.7	1 100.9	3.3	40 042.7	36 523.2	9.6	35.2	33.2	6.0
Dealership's service department	824.1	683.6	20.6	38 015.2	25 584.7	48.6	46.1	37.4	23.3
Leasing company	68.1	62.0	9.8	3 581.2	3 045.1	17.6	52.6	49.1	7.1
Independent garage	1 212.5	1 141.2	6.2	27 038.4	24 398.1	10.8	22.3	21.4	4.2
Component distributorship	266.0	237.4	12.0	14 691.1	10 577.0	38.9	55.2	44.5	24.0
No one	144.8	140.5	3.1	2 701.3	1 952.0	38.4	18.7	13.9	34.5
Other	19.0	19.4	–2.1	632.9	937.5	–32.5	33.3	48.3	–31.1
Not reported	1 993.4	1 661.4	20.0	43 030.5	23 746.8	81.2	21.6	14.3	51.0
ENGINE TYPE AND SIZE									
Engine	5 664.7	5 112.4	10.8	157 363.7	116 579.5	35.0	27.8	22.8	21.9
Gasoline	2 155.3	2 473.5	–12.9	18 676.1	20 361.4	–8.3	8.7	8.2	6.1
Diesel	3 323.4	2 464.1	34.9	136 516.5	94 719.3	44.1	41.1	38.4	7.0
Liquefied gas or other	54.0	65.5	–17.6	702.6	782.2	–10.2	13.0	11.9	9.2
Not reported	132.0	109.4	20.7	1 468.5	716.7	104.9	11.1	6.6	68.2
Cylinders[6]	5 664.7	5 112.4	10.8	157 363.7	116 579.5	35.0	27.8	22.8	21.9
4	118.1	78.4	50.6	2 495.8	1 685.1	48.1	21.1	21.5	–1.9
6	2 407.7	1 529.2	57.4	119 110.0	72 862.2	63.5	49.5	47.6	4.0
8	2 064.0	1 897.2	8.8	25 368.7	22 994.6	10.3	12.3	12.1	1.7
Other	6.4	1.9	236.8	93.3	28.8	224.0	14.6	15.1	–3.3
Not reported	1 068.5	1 605.7	–33.5	10 295.9	19 008.8	–45.8	9.6	11.8	–18.6
Cubic inch displacement[7]	5 664.7	5 003.1	13.2	157 363.7	115 862.8	35.8	27.8	23.2	19.8
Gasoline engines	2 155.3	2 473.5	–12.9	18 676.1	20 361.4	–8.3	8.7	8.2	6.1
Less than 200	24.8	23.4	6.0	340.3	460.3	–26.1	13.7	19.7	–30.5
200 to 299	88.0	73.3	20.1	1 360.8	1 025.6	32.7	15.5	14.0	10.7
300 to 349	67.2	71.3	–5.8	692.1	527.3	31.3	10.3	7.4	39.2
350 to 399	847.1	852.4	–.6	9 075.8	9 516.9	–4.6	10.7	11.2	–4.5
400 or more	382.7	321.6	19.0	4 687.8	3 975.2	17.9	12.2	12.4	–1.6
Not reported	745.6	1 131.6	–34.1	2 519.3	4 856.0	–48.1	3.4	4.3	–20.9
Diesel engines	3 323.4	2 464.1	34.9	136 516.5	94 719.3	44.1	41.1	38.4	7.0
Less than 400	425.6	278.9	52.6	8 716.3	5 900.3	47.7	20.5	21.2	–3.3
400 to 599	842.5	548.9	53.5	18 104.4	11 716.9	54.5	21.5	21.3	.9
600 to 799	759.6	361.1	110.4	44 581.0	16 409.4	171.7	58.7	45.4	29.3
800 or more	742.6	584.3	27.1	48 059.0	42 987.5	11.8	64.7	73.6	–12.1
Not reported	552.9	690.9	–20.0	17 055.9	17 705.2	–3.7	30.8	25.6	20.3
Other engines	54.0	65.5	–17.6	702.6	782.2	–10.2	13.0	11.9	9.2
Less than 400	23.3	26.9	–13.4	333.6	417.4	–20.1	14.3	15.5	–7.7
400 or more	17.3	14.2	21.8	308.7	227.4	35.8	17.9	16.0	11.9
Not reported	13.4	24.4	–45.1	60.3	137.4	–56.1	4.5	5.6	–19.6
Not reported	132.0	109.4	20.7	1 468.5	716.7	104.9	11.1	6.6	68.2
REFUELING LOCATION									
Central company-owned fueling facility	1 515.4	1 540.6	–1.6	49 156.6	41 184.7	19.4	32.4	26.7	21.3
Single contract fueling facility located off-site	315.7	271.6	16.2	9 895.6	7 193.8	37.6	31.3	26.5	18.1
Public fueling stations	3 142.0	2 757.0	14.0	84 014.3	60 717.7	38.4	26.7	22.0	21.4
Other	215.7	236.7	–8.9	3 637.7	3 817.7	–4.7	16.9	16.1	5.0
Not reported	429.5	287.9	49.2	10 093.2	3 547.0	184.6	23.5	12.3	91.1
TRUCK TYPE AND AXLE ARRANGEMENT									
Single-unit trucks	3 853.1	3 684.2	4.6	51 467.4	42 413.9	21.3	13.4	11.5	16.5
2 axles	3 266.9	3 177.1	2.8	41 320.8	34 794.6	18.8	12.6	11.0	14.5
3 axles	475.0	430.1	10.4	7 186.8	5 763.5	24.7	15.1	13.4	12.7
4 axles or more	111.2	77.0	44.4	2 959.7	1 855.8	59.5	26.6	24.1	10.4
Combinations	1 811.5	1 428.2	26.8	105 896.3	74 165.6	42.8	58.5	51.9	12.7
Single-unit truck with trailer	105.8	113.7	–6.9	2 673.8	2 349.1	13.8	25.3	20.7	22.2
4 axles	48.7	65.5	–25.6	782.6	814.4	–3.9	16.1	12.4	29.8
5 axles or more	57.1	48.2	18.5	1 891.1	1 534.8	23.2	33.1	31.9	3.8
Single-unit truck with utility trailer	162.0	148.5	9.1	2 098.0	1 835.9	14.3	13.0	12.4	4.8
3 axles	44.1	46.3	–4.8	488.7	522.0	–6.4	11.1	11.3	–1.8
4 axles	96.8	76.5	26.5	1 285.4	917.0	40.2	13.3	12.0	10.8
5 axles or more	21.1	25.7	–17.9	323.8	396.9	–18.4	15.3	15.5	–1.3
Truck-tractor with single trailer	1 438.2	1 107.1	29.9	92 221.3	65 318.4	41.2	64.1	59.0	8.6
3 axles	78.0	76.7	1.7	2 183.2	1 980.1	10.3	28.0	25.8	8.5
4 axles	211.7	172.3	22.9	8 808.7	6 803.2	29.5	41.6	39.5	5.3
5 axles or more	1 148.5	858.2	33.8	81 229.4	56 535.0	43.7	70.7	65.9	7.3
Truck-tractor with double trailers	101.0	58.0	74.1	8 466.7	4 584.3	84.7	83.8	79.1	5.9
5 axles	56.3	39.2	43.6	4 730.3	3 256.8	45.2	84.1	83.1	1.2
6 axles	24.0	5.8	313.8	2 239.3	454.2	393.0	93.3	78.8	18.4
7 axles or more	20.8	13.0	60.0	1 497.1	873.3	71.4	72.1	67.0	7.6
Truck-tractor with triple trailers	4.5	.9	400.0	436.6	77.9	460.5	97.1	85.4	13.7
7 axles	S	.4	S	S	40.2	S	S	91.2	S
8 axles or more	4.3	.5	760.0	414.8	37.7	1 000.3	97.3	79.9	21.8
Trailer not specified	V	V	N	V	V	N	V	V	N
Powered axles	5 664.7	5 112.4	10.8	157 363.7	116 579.5	35.0	27.8	22.8	21.9
1	3 802.7	3 716.7	2.3	62 755.3	52 741.2	19.0	16.5	14.2	16.2
2	1 800.0	1 366.7	31.7	91 028.6	63 098.8	44.3	50.6	46.2	9.5
3 or more	62.0	29.0	113.8	3 579.8	739.5	384.1	57.8	25.5	126.7
Not reported	V	V	N	V	V	N	V	V	N

See footnotes at end of table.

Table 3a. **Trucks, Truck Miles, and Average Annual Miles for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons: 1997 and 1992**—Con.

[Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	1997 trucks[1] (thousands)	1992 trucks (thousands)	Percent change	1997 truck miles[2] (millions)	1992 truck miles[2] (millions)	Percent change	1997 average miles per truck[2] (thousands)	1992 average miles per truck[2] (thousands)	Percent change
	A	B	C	D	E	F	G	H	I
CAB TYPE									
Cab forward of engine	181.5	110.0	65.0	3 335.8	1 724.2	93.5	18.4	15.7	17.2
Cab over engine	705.8	804.0	–12.2	19 006.4	26 549.4	–28.4	26.9	33.0	–18.5
Conventional cab	4 240.4	3 851.4	10.1	124 166.7	83 490.6	48.7	29.3	21.7	35.0
Cab beside engine	37.6	43.0	–12.6	531.4	559.9	–5.1	14.2	13.0	9.2
Other	88.0	101.3	–13.1	1 190.0	1 405.1	–15.3	13.5	13.9	–2.9
Not reported	365.0	184.1	98.3	8 567.0	2 731.6	213.6	23.5	14.8	58.8

Note: Some estimates may have high relative standard errors of estimate (RSEs). The U.S. estimates may differ from the sum of the state estimates because of rounding.

[1]Includes trucks registered in one state with a mailing address of another state. These trucks were excluded from the 1992 survey.
[2]Truck miles distribution shown for hazardous materials carried.
[3]Lease characteristics include both "leased from" and "leased to" vehicles. Lease provisions apply to a period of 1 year or more.
[4]Detail does not add to total because items were not applicable or multiple responses were possible.
[5]New or modified data line from 1992.
[6]Data were derived from administrative records. "Not reported" indicates those trucks for which the cylinders are unknown.
[7]Data were derived from administrative records. "Not reported" indicates those trucks for which the cubic inch displacement is unknown.

Table 3b. **Trucks, Truck Miles, and Average Annual Miles, for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons—Measures of Variability: 1997 and 1992**

[For meaning of abbreviations and symbols, see introductory text. Columns A, B, D, E, G, H show relative standard error of estimate. Columns C, F, and I show standard error of estimate]

Vehicular and operational characteristics	1997 trucks	1992 trucks	Percent change	1997 truck miles	1992 truck miles	Percent change	1997 average miles per truck	1992 average miles per truck	Percent change
	A	B	C	D	E	F	G	H	I
Total trucks	**.3**	**.3**	**.5**	**.5**	**.6**	**1.1**	**.5**	**.6**	**1.0**
MAJOR USE									
Agriculture	1.4	1.3	1.8	2.8	2.4	3.9	2.5	2.1	3.6
Forestry and lumbering	3.9	3.8	6.1	3.9	3.9	6.7	3.6	3.4	5.4
Mining and quarrying	4.0	4.4	6.1	5.1	5.4	9.6	4.0	4.4	7.5
Construction	1.3	1.4	2.2	1.7	1.9	3.3	1.3	1.5	2.3
Manufacturing	3.2	2.7	4.2	3.1	2.8	4.4	2.8	2.3	3.8
Wholesale trade	2.2	2.2	3.1	2.4	2.2	3.9	1.8	1.7	2.9
Retail trade	2.4	2.4	3.6	2.8	2.7	5.3	2.0	2.0	3.5
For-hire transportation	1.0	1.2	1.9	1.0	1.1	2.1	.8	.9	1.4
Utilities	4.0	3.6	6.0	5.0	4.6	8.6	3.2	3.0	5.0
Services	1.9	2.4	4.3	2.4	3.9	8.4	1.9	3.0	4.7
Daily rental	3.7	4.9	11.6	4.0	4.2	12.0	2.9	3.5	4.9
One-way rental	9.9	10.8	29.4	13.7	10.2	36.1	9.8	6.2	12.3
Personal transportation	4.1	3.6	4.3	6.9	6.1	8.8	5.5	4.8	8.8
Other	N	S	S	N	S	S	N	S	S
Not in use	4.4	4.3	5.8	24.5	16.1	17.5	23.9	15.6	17.9
Not reported	N	N	N	N	N	N	N	N	N
BODY TYPE									
Multistop or stepvan	2.4	2.9	5.2	3.2	3.7	7.6	2.2	2.4	3.6
Platform with added devices	2.7	2.8	4.1	4.0	4.4	7.2	3.1	3.4	5.3
Low boy or depressed center	3.3	3.2	5.6	5.3	4.7	9.8	4.2	3.8	6.4
Basic platform	1.4	1.4	2.0	1.8	1.9	3.2	1.6	1.6	2.8
Livestock truck	5.7	5.8	6.6	7.7	6.2	9.3	6.9	6.4	11.0
Insulated nonrefrigerated van	6.4	8.2	15.4	5.3	8.1	19.2	4.8	5.1	9.4
Insulated refrigerated van	2.5	2.6	4.1	2.4	2.1	4.3	1.8	2.0	3.1
Drop-frame van	5.3	5.3	6.8	6.6	5.2	8.3	5.2	4.6	7.5
Open-top van	7.0	6.8	10.1	8.7	6.5	13.9	6.0	5.7	10.2
Basic enclosed van	1.1	1.4	2.3	1.2	1.4	2.9	1.0	1.2	1.9
Beverage	6.4	5.6	8.2	7.1	6.1	10.3	4.1	3.7	6.3
Public utility	4.2	4.2	5.7	5.5	5.4	8.1	3.5	3.8	5.7
Winch or crane	5.8	5.6	7.6	7.1	8.7	13.6	6.5	6.5	12.0
Wrecker	5.1	5.3	7.9	7.0	10.5	14.8	5.5	8.5	11.1
Pole or logging	4.1	4.2	6.1	4.9	4.4	7.6	3.5	3.7	5.7
Auto transport	8.7	8.3	10.8	9.7	9.7	12.2	7.6	5.7	9.3
Service truck	4.5	4.3	7.3	5.2	5.6	8.7	3.8	3.4	5.0
Yard tractor	14.2	9.0	22.4	26.1	14.6	65.3	17.7	12.4	35.6
Oilfield truck	8.4	8.4	11.7	10.6	10.3	18.4	8.9	7.5	14.7
Grain body	2.0	2.1	2.8	4.0	3.3	5.8	3.8	3.2	5.7
Garbage hauler	4.0	4.5	7.6	5.0	5.4	11.2	3.6	3.7	6.3
Dump truck	1.6	1.7	2.5	2.0	2.0	3.4	1.8	1.8	2.8
Tank truck (liquids or gases)	2.5	2.5	3.8	3.1	2.7	4.9	2.5	2.4	3.8
Tank truck (dry bulk)	5.5	5.7	9.3	6.6	6.6	11.1	4.7	5.3	7.2
Concrete mixer	3.4	4.2	6.5	4.0	5.1	8.8	2.1	3.2	4.3
Other	10.8	8.1	12.9	12.6	10.8	15.2	8.1	6.3	9.9
Not reported	N	N	N	N	N	N	N	N	N
ANNUAL MILES									
Less than 5,000	1.1	1.0	1.4	1.5	1.4	1.9	1.1	1.0	1.4
5,000 to 9,999	1.7	1.7	2.4	1.8	1.7	2.5	.4	.4	.6
10,000 to 19,999	1.4	1.5	2.4	1.5	1.5	2.5	.3	.3	.5
20,000 to 29,999	1.9	2.1	3.3	1.9	2.1	3.3	.2	.3	.4
30,000 to 49,999	1.9	2.0	3.4	1.9	2.0	3.4	.3	.3	.4
50,000 to 74,999	1.8	2.0	3.5	1.8	2.0	3.5	.2	.3	.4
75,000 or more	1.0	1.1	2.2	1.0	1.1	2.3	.3	.3	.5
PRIMARY RANGE OF OPERATION									
Local	.7	.7	1.0	1.1	1.1	1.7	.9	1.0	1.4
Short-range	1.5	1.7	2.8	1.7	1.7	3.2	1.2	1.3	1.9
Short-range medium	2.2	2.3	4.6	2.0	2.5	4.7	1.5	1.7	2.3
Long-range medium	1.9	1.9	4.3	1.8	1.9	4.0	1.4	1.1	1.7
Long-range	1.5	1.5	3.0	1.4	1.4	3.1	.9	1.0	1.5
Off-the-road	2.6	2.2	2.8	4.5	4.2	6.8	4.1	3.7	7.5
Not reported	5.0	5.6	8.7	N	N	N	N	N	N
WEEKS OPERATED									
Less than 1	3.5	3.2	4.1	8.9	9.0	5.8	8.7	8.5	5.9
1 to 4	2.5	2.5	3.3	4.3	4.2	5.5	3.6	3.6	4.8
5 to 8	2.5	2.6	3.6	5.0	4.2	7.0	4.5	3.5	6.1
9 to 12	3.6	3.0	4.8	5.0	4.0	7.7	4.3	3.4	6.3
13 to 16	3.7	3.6	4.7	6.2	5.0	8.8	5.0	4.1	8.0
17 to 20	3.8	3.5	5.0	5.4	3.8	6.9	4.6	3.4	6.2
21 to 24	3.3	3.2	4.4	4.9	3.4	6.7	4.2	3.0	6.1
25 to 28	3.1	2.8	4.4	3.7	3.2	5.4	3.1	2.8	4.4
29 to 32	4.0	3.7	6.7	5.0	4.1	10.3	4.0	3.2	6.6
33 to 36	3.5	3.4	5.6	3.8	3.9	6.6	3.1	3.1	4.6

See footnotes at end of table.

Table 3b. **Trucks, Truck Miles, and Average Annual Miles, for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons—Measures of Variability: 1997 and 1992**—Con.

[For meaning of abbreviations and symbols, see introductory text. Columns A, B, D, E, G, H show relative standard error of estimate. Columns C, F, and I show standard error of estimate]

Vehicular and operational characteristics	1997 trucks	1992 trucks	Percent change	1997 truck miles	1992 truck miles	Percent change	1997 average miles per truck	1992 average miles per truck	Percent change
	A	B	C	D	E	F	G	H	I
WEEKS OPERATED—Con.									
37 to 40	2.8	3.0	4.7	3.3	3.0	5.9	2.5	2.6	4.2
41 to 44	2.8	2.9	5.2	2.9	2.7	5.6	2.4	2.4	3.7
45 to 48	1.9	2.2	3.8	1.8	1.9	4.1	1.5	1.7	2.7
49 to 52	.8	.9	1.4	.9	.9	1.6	.8	.8	1.3
Not reported	3.2	9.4	43.3	4.0	10.5	105.5	3.3	8.1	18.8
BASE OF OPERATION									
Percentage of miles traveled outside base-of-operation state:									
Less than 25 percent	.5	.5	.8	.9	.9	1.5	.8	.8	1.3
25 to 49 percent	2.5	2.7	5.0	2.7	2.7	5.7	1.9	1.9	2.9
50 to 74 percent	2.2	2.4	4.0	2.3	2.4	4.4	1.6	1.7	2.6
75 to 100 percent	1.8	1.8	3.4	1.7	1.5	3.1	1.3	1.3	1.9
No home base	3.1	N	N	3.2	N	N	2.3	N	N
Not reported	1.6	2.0	3.7	2.0	2.5	6.8	1.6	2.1	3.9
VEHICLE SIZE									
Light	1.5	1.3	1.8	2.4	2.3	3.2	1.9	1.9	2.8
Medium	1.4	1.5	2.3	2.2	2.6	4.6	1.6	2.1	3.2
Light-heavy	1.7	1.7	2.4	2.9	2.8	5.0	2.3	2.3	4.1
Heavy-heavy	.5	.6	1.0	.6	.7	1.3	.6	.6	1.0
AVERAGE WEIGHT (POUNDS)									
Less than 6,001	4.3	3.1	4.1	7.1	5.2	7.1	5.5	4.2	7.3
6,001 to 10,000	1.6	1.6	2.2	2.5	2.7	3.7	1.9	2.0	2.9
10,001 to 14,000	2.0	2.3	3.7	2.9	3.9	7.0	2.1	3.2	4.5
14,001 to 16,000	3.0	3.1	4.9	4.4	5.2	9.4	3.4	4.3	6.6
16,001 to 19,500	3.4	3.0	4.7	5.3	4.9	8.8	3.9	3.9	6.4
19,501 to 26,000	1.7	1.7	2.4	2.9	2.8	5.0	2.3	2.3	4.1
26,001 to 33,000	2.1	2.2	3.4	3.6	3.4	6.2	2.7	2.6	4.2
33,001 to 40,000	2.3	2.4	3.7	3.1	3.7	6.0	2.5	2.9	4.3
40,001 to 50,000	1.6	1.7	2.8	2.4	2.2	4.4	1.9	1.8	3.0
50,001 to 60,000	1.7	2.0	3.6	2.4	2.4	4.9	1.7	1.9	2.7
60,001 to 80,000	.7	.8	1.5	.9	.9	1.9	.6	.6	.9
80,001 to 100,000	3.4	4.4	7.7	4.2	4.1	9.3	2.5	3.3	4.7
100,001 to 130,000	5.1	5.8	11.2	6.4	8.7	15.4	3.7	5.6	6.6
130,001 or more	10.3	8.9	17.6	11.7	9.9	21.1	5.6	5.4	8.3
Not reported	N	N	N	N	N	N	N	N	N
TOTAL LENGTH (FEET)									
Less than 20.0	1.4	1.2	1.7	2.1	2.2	3.2	1.7	1.9	2.9
20.0 to 27.9	.9	1.0	1.5	1.6	1.7	2.9	1.3	1.4	2.1
28.0 to 35.9	1.8	1.9	3.1	2.6	2.7	5.1	1.9	2.0	3.2
36.0 to 40.9	3.5	3.6	5.5	4.5	4.8	7.6	3.1	3.3	4.7
41.0 to 44.9	4.8	4.3	7.4	6.2	5.3	9.5	4.4	3.9	6.0
45.0 or more	.5	.7	1.1	.7	.7	1.4	.6	.6	.9
Not reported	N	S	S	N	S	S	N	S	S
YEAR MODEL									
1998	6.2	N	N	5.9	N	N	4.6	N	N
1997	2.7	N	N	2.5	N	N	2.2	N	N
1996	2.6	N	N	2.3	N	N	2.1	N	N
1995	2.2	N	N	2.1	N	N	1.7	N	N
1994	2.5	N	N	2.4	N	N	1.9	N	N
1993	2.6	S	S	2.7	S	S	2.1	S	S
1992	3.1	3.2	5.3	3.3	2.8	4.3	2.5	2.4	2.9
1991	3.2	3.0	4.2	3.4	2.6	3.2	2.6	2.2	2.6
1990	2.9	2.8	4.0	3.3	2.5	2.9	2.4	2.1	2.3
1989	2.8	2.7	3.7	3.0	2.5	2.4	2.4	2.1	2.1
1988	2.9	2.7	3.9	3.2	2.5	2.6	2.4	2.0	2.0
Pre-1988	.7	.5	.6	1.2	.8	.8	1.1	.8	1.0
Not reported	N	N	N	N	N	N	N	N	N
VEHICLE ACQUISITION									
Purchased new	.8	.9	1.3	.9	1.0	1.8	.8	.9	1.5
Purchased used	.7	.7	1.1	1.2	1.1	1.9	1.0	1.0	1.6
Leased from someone else	2.0	2.2	4.2	1.8	1.8	4.2	1.5	1.8	2.8
Other	N	15.3	N	N	14.6	N	N	16.4	N
Not reported	6.9	8.0	14.8	6.8	9.4	17.9	6.3	7.4	10.7

See footnotes at end of table.

Table 3b. **Trucks, Truck Miles, and Average Annual Miles, for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons—Measures of Variability: 1997 and 1992**—Con.

[For meaning of abbreviations and symbols, see introductory text. Columns A, B, D, E, G, H show relative standard error of estimate. Columns C, F, and I show standard error of estimate]

Vehicular and operational characteristics	1997 trucks	1992 trucks	Percent change	1997 truck miles	1992 truck miles	Percent change	1997 average miles per truck	1992 average miles per truck	Percent change
	A	B	C	D	E	F	G	H	I
LEASE CHARACTERISTICS									
Leased without driver	1.5	1.9	3.8	1.6	1.7	4.1	1.3	1.5	2.3
Leased with driver other than owner-operator	4.4	3.7	5.9	4.5	4.1	6.1	3.6	2.7	4.4
Leased with owner-operator	2.9	2.8	5.1	3.0	2.6	5.4	2.5	2.3	3.7
Provisions of lease:									
Financing	2.5	3.4	6.2	2.6	3.0	7.0	1.9	2.6	4.0
Full maintenance	2.8	3.1	6.5	2.7	2.8	6.4	1.9	2.2	3.1
Maintenance on specific parts	9.8	11.8	28.9	10.0	9.8	25.3	8.7	6.9	10.7
Payment of taxes	2.8	3.5	8.1	2.7	2.9	7.5	2.0	2.5	3.3
Obtaining licenses and permits	2.5	2.8	5.9	2.4	2.4	5.7	1.7	1.9	2.7
Record keeping for leased trucks	2.8	3.2	7.7	2.7	3.0	7.4	2.0	2.2	3.0
Other	6.0	6.3	13.5	6.8	6.1	13.2	4.9	4.4	6.2
PRIMARY OPERATOR CLASSIFICATION									
Not for hire	.4	.4	.6	.8	.8	1.5	.7	.8	1.3
Business use	.5	.5	.7	.8	.9	1.6	.7	.8	1.3
Personal transportation	3.8	3.3	4.0	6.8	6.0	8.6	5.7	4.9	9.0
Mixed—business use/personal transportation	11.2	11.7	16.9	15.2	18.2	27.1	12.3	14.1	20.4
For hire	1.0	1.2	1.9	1.0	1.1	2.1	.8	.9	1.4
Motor carrier	1.2	1.4	2.3	1.2	1.3	2.5	.9	1.0	1.6
Owner/operator	2.5	2.3	4.1	2.6	2.3	4.6	1.7	1.5	2.4
Independent	3.6	3.4	6.1	3.9	3.5	7.1	2.7	2.4	4.0
Leased to a company	3.4	3.0	5.4	3.7	3.1	6.3	1.7	1.5	2.5
Not reported	9.1	7.4	9.3	9.3	8.7	21.0	6.0	6.9	19.1
Daily rental	3.7	4.9	11.6	4.0	4.2	12.0	2.9	3.5	4.9
Mixed—not for hire/for hire	10.0	S	S	7.3	S	S	9.1	S	S
For-hire jurisdiction:									
Interstate	1.2	1.4	2.6	1.2	1.3	2.6	.7	.9	1.2
Intrastate	2.7	2.9	4.0	3.1	3.1	5.0	2.0	2.1	3.2
Local	4.7	4.3	7.6	5.0	5.0	9.2	3.5	2.7	4.8
Not reported	4.7	5.1	7.1	4.8	4.6	11.4	2.9	4.0	8.2
Type of carrier (interstate only):									
Contract	1.8	1.8	3.8	1.8	1.8	4.2	.8	.9	1.3
Common	1.9	2.2	3.8	1.9	2.0	3.9	1.2	1.4	1.9
Exempt	7.7	6.3	10.8	8.7	6.4	11.9	4.6	3.1	5.7
Not reported	11.6	11.1	35.3	12.8	12.3	41.6	5.5	5.4	8.3
Kind of service:									
Truckload	1.2	1.2	2.2	1.3	1.1	2.3	.8	.8	1.2
Less than truckload	2.5	3.0	4.7	2.5	3.2	6.0	1.9	2.3	3.6
Not reported	4.1	4.7	7.1	4.4	4.2	10.7	2.6	3.7	7.0
PRIMARY PRODUCTS CARRIED									
Farm products	1.6	1.6	2.3	2.8	2.4	4.3	2.6	2.2	3.9
Live animals	3.9	3.6	4.1	5.9	4.2	7.8	5.0	4.1	9.1
Animal feed	4.4	4.3	6.0	6.0	5.1	8.5	5.4	4.9	8.0
Mining products	5.0	6.1	8.5	5.8	5.9	9.3	4.5	5.1	7.1
Logs and other forest products	3.9	3.9	5.9	3.8	3.5	6.2	3.5	3.4	5.5
Lumber and fabricated wood products	3.8	3.8	6.3	3.7	3.4	6.7	3.2	3.1	5.1
Processed foods	2.0	2.0	3.1	1.9	1.7	3.4	1.6	1.6	2.8
Textile mill products	5.1	6.3	11.8	4.2	5.8	14.0	3.8	4.5	7.9
Building materials	1.6	1.7	2.8	1.9	2.0	3.5	1.5	1.7	2.4
Household goods	4.1	5.3	15.2	4.5	5.5	13.7	3.4	3.9	4.4
Furniture or hardware	4.7	5.1	6.7	5.7	4.8	8.5	4.7	4.2	7.4
Paper products	4.3	4.2	6.6	4.0	3.7	6.6	3.0	3.0	4.7
Chemicals	3.5	3.9	5.6	4.2	5.2	8.5	3.4	4.4	6.6
Petroleum	3.2	3.1	4.5	3.9	3.3	5.5	3.0	2.8	4.5
Plastics and/or rubber	6.2	6.5	12.6	6.0	5.7	11.8	5.2	4.8	7.3
Primary metal products	4.2	4.5	6.4	4.2	3.9	7.2	3.3	3.5	5.7
Fabricated metal products	4.7	4.9	6.5	5.2	5.8	9.0	4.2	4.6	7.5
Machinery	2.6	3.3	6.0	3.5	4.0	10.6	3.0	3.1	6.1
Transportation equipment	3.1	3.4	4.8	3.7	4.4	7.0	3.1	3.5	5.4
Glass products	10.9	11.2	15.6	12.1	12.0	18.2	7.9	7.9	11.9
Miscellaneous products of manufacturing	4.6	5.1	8.8	4.6	4.1	10.9	3.6	4.3	7.8
Industrial "waste" water	12.1	12.5	12.9	16.8	14.5	23.2	12.1	11.2	23.4
Scrap, refuse, or garbage	3.3	3.7	5.4	3.8	4.6	7.8	3.1	3.7	5.8
Mixed cargoes	2.3	2.8	5.1	2.4	2.9	6.4	1.8	2.4	3.7
Craftsman's equipment	2.9	3.0	4.8	3.7	3.9	7.0	2.5	2.7	4.2
Recyclable products	6.2	6.2	11.1	8.2	6.6	15.4	6.3	5.2	9.5
Hazardous waste (EPA manifest)	14.4	13.1	20.0	16.9	12.4	23.0	10.9	9.8	15.7
Hazardous waste (non-EPA manifest)	23.7	22.4	23.0	27.0	23.5	25.8	19.3	14.1	24.3
Personal transportation	4.1	3.6	4.3	6.9	6.1	8.8	5.5	4.8	8.8
Passengers	23.9	25.3	120.6	18.3	41.6	107.4	21.1	22.8	21.4
No load carried	4.2	3.4	4.6	7.1	5.6	8.5	5.0	4.1	7.1
Not in use	4.4	4.3	5.8	24.5	14.7	14.8	23.9	14.2	17.5
Other	5.1	6.2	8.4	8.4	7.9	16.3	7.2	6.9	13.5
Not reported	N	N	N	N	N	N	N	N	N

See footnotes at end of table.

Table 3b. **Trucks, Truck Miles, and Average Annual Miles, for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons—Measures of Variability: 1997 and 1992**—Con.

[For meaning of abbreviations and symbols, see introductory text. Columns A, B, D, E, G, H show relative standard error of estimate. Columns C, F, and I show standard error of estimate]

Vehicular and operational characteristics	1997 trucks	1992 trucks	Percent change	1997 truck miles	1992 truck miles	Percent change	1997 average miles per truck	1992 average miles per truck	Percent change
	A	B	C	D	E	F	G	H	I
HAZARDOUS MATERIALS CARRIED									
Carrying hazardous materials[1]	1.8	N	N	1.9	N	N	1.5	N	N
Hazmat placard names:									
Explosives 1.1 (formerly explosive A)	19.4	12.1	11.0	26.2	14.5	38.9	26.6	15.2	82.6
Explosives 1.2 (formerly explosive A)	32.0	11.5	28.5	S	25.4	S	S	22.7	S
Explosives 1.3 (formerly explosive B)	12.6	19.7	12.8	41.9	25.0	28.9	38.5	19.5	46.4
Explosives 1.4 (formerly dangerous)	7.2	7.3	13.8	13.4	14.8	17.4	12.8	13.8	12.1
Explosives 1.5 (formerly blasting agents)	9.1	8.0	17.0	20.3	17.5	19.8	19.8	15.6	13.2
Explosives 1.6 (formerly dangerous)	8.4	7.8	14.0	18.3	17.3	18.9	17.5	15.9	14.6
Flammable gas	3.9	4.3	6.4	6.2	5.0	7.4	5.2	4.5	5.8
Nonflammable gas	4.2	4.8	7.1	8.9	10.3	14.4	8.4	9.4	11.9
Poisonous gas	7.0	6.1	11.0	14.3	16.1	13.5	13.4	14.9	10.6
Flammable	2.5	2.6	4.4	4.0	3.4	7.9	3.4	3.2	5.9
Combustible	3.3	3.1	5.2	4.7	4.6	10.4	3.9	3.7	7.3
Flammable solid	4.9	4.8	6.7	10.2	9.1	10.3	9.9	8.1	9.9
Spontaneously combustible (formerly flammable solid)	6.2	7.0	13.2	20.3	16.3	37.1	19.8	15.5	25.7
Dangerous when wet (formerly flammable solid W)	5.7	6.1	10.9	12.1	14.1	21.0	11.6	13.3	15.3
Oxidizer	3.8	3.7	5.8	8.0	7.4	9.6	7.5	6.7	8.0
Oxygen	6.9	8.0	12.7	13.0	13.4	15.9	11.7	11.5	11.5
Organic peroxide	5.7	5.8	12.4	11.3	13.4	14.0	10.5	11.9	8.4
Poison (formerly poisons A and B, solids, and liquids)	4.4	4.7	8.9	11.5	9.5	19.0	11.0	8.8	13.0
Keep away from food	5.5	6.2	13.4	13.9	14.9	27.6	13.2	13.8	15.9
Radioactive	8.0	7.1	9.1	21.0	17.8	20.4	19.6	16.4	22.3
Corrosive	2.6	2.9	4.8	4.5	5.1	9.7	4.0	4.7	7.2
Class 9	5.1	5.5	10.4	9.3	9.3	20.8	8.9	7.7	13.4
Hazardous materials not specified[1]	5.8	7.1	14.0	5.9	6.6	18.7	4.4	5.5	9.7
No hazardous materials carried	.5	.5	.7	.7	.7	1.3	.6	.6	1.0
Not reported	1.6	2.0	3.7	2.1	2.7	7.7	1.8	2.5	4.9
TRUCK FLEET SIZE									
1	1.7	1.8	2.6	2.3	2.2	4.3	2.0	1.9	3.6
2 to 5	1.2	1.1	1.6	1.7	1.6	2.7	1.5	1.4	2.3
6 to 9	2.1	2.0	2.9	2.7	2.5	4.0	2.2	2.0	3.1
10 to 24	1.8	1.9	2.7	2.2	2.0	3.1	1.8	1.6	2.5
25 to 99	1.8	1.8	2.9	1.9	1.8	3.1	1.5	1.6	2.3
100 or more	1.2	1.4	2.4	1.2	1.3	2.7	1.0	1.2	1.9
Not reported	1.8	2.1	3.7	2.3	2.7	7.2	2.0	2.5	4.8
MILES PER GALLON									
Less than 5	1.5	1.5	1.9	1.9	1.6	2.3	1.6	1.4	2.2
5 to 6.9	.8	.8	1.2	.8	.9	1.6	.8	.8	1.3
7 to 8.9	1.4	1.5	2.2	2.0	2.1	4.3	1.6	1.6	3.1
9 to 10.9	1.8	1.7	2.6	2.4	2.7	4.4	1.9	2.1	3.2
11 to 12.9	2.8	2.7	4.2	3.6	4.2	6.6	2.6	3.2	4.5
13 to 14.9	4.7	4.6	8.1	6.2	8.2	13.9	4.4	6.3	8.5
15 or more	3.3	3.8	6.1	4.6	5.3	9.9	3.0	3.8	5.7
15 to 20.9	3.2	3.9	6.2	4.1	5.6	10.1	2.7	4.0	5.7
21 to 24.9	29.8	23.0	35.9	40.8	27.7	48.9	26.4	20.6	34.6
25 or more	43.0	13.8	32.5	S	19.6	S	S	14.3	S
Not reported	2.2	2.6	4.7	3.1	4.9	22.9	2.7	4.4	14.6
EQUIPMENT TYPE									
Braking system	.3	.3	.5	.5	.6	1.1	.5	.6	1.0
Hydraulic	1.3	1.3	1.8	2.2	2.5	3.6	1.8	2.1	3.1
Hydraulic (power)	1.2	1.1	1.5	1.8	2.1	2.9	1.4	1.7	2.4
Air	.5	.6	1.0	.6	.7	1.3	.6	.6	1.0
Other	6.3	6.4	10.0	8.0	8.9	13.2	5.7	6.3	8.4
Not reported	3.2	3.4	8.0	3.4	4.5	15.8	3.0	3.9	8.2
Antilock brakes	1.7	2.3	5.8	1.5	2.2	8.0	1.4	1.8	3.3
Power steering	.5	.5	.8	.6	.6	1.2	.6	.6	1.0
Vehicle control aids for handicapped drivers	N	N	N	N	N	N	N	N	N
Air-conditioning	.8	.9	1.8	.7	.8	1.6	.7	.8	1.1
Wheelchair lift	N	N	N	N	N	N	N	N	N
Engine retarder	1.0	1.2	2.4	1.1	1.2	3.0	.8	1.0	1.5
Reflective materials	1.1	1.4	2.5	1.2	1.4	3.3	1.1	1.3	2.2
Electronic vehicle management system	1.6	2.8	8.6	1.6	2.4	9.0	1.1	2.2	2.9
Electronic vehicle identification device (transponder, etc.)	2.9	5.3	19.1	2.8	4.3	18.2	1.9	3.2	4.2
Trip recorders/on board computer system	1.9	2.7	6.7	1.7	2.4	7.1	1.4	1.9	2.7
Navigational systems	3.9	6.3	15.6	4.3	6.1	20.9	2.6	4.8	7.3
Airbag(s)[1]	2.0	N	N	1.7	N	N	1.6	N	N
FUEL CONSERVATION EQUIPMENT									
Aerodynamic features	1.1	1.4	2.7	1.1	1.2	2.6	.9	1.1	1.5
Axle or drive ratio	1.0	1.2	2.0	1.0	1.1	2.2	.9	1.0	1.6
Fuel economy engine	.9	1.0	1.8	.9	1.0	2.0	.8	.8	1.2
Radial tires	.5	.6	1.0	.6	.7	1.3	.6	.6	.9
Road speed governors	.9	1.1	1.8	1.0	1.2	2.6	.8	1.1	1.9
Variable fan drives	.9	1.1	1.9	1.0	1.0	2.0	.8	.9	1.3
Other fuel conservation devices	2.0	2.2	3.8	1.9	1.9	4.3	1.4	1.7	2.8

See footnotes at end of table.

Table 3b. **Trucks, Truck Miles, and Average Annual Miles, for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons—Measures of Variability: 1997 and 1992**—Con.

[For meaning of abbreviations and symbols, see introductory text. Columns A, B, D, E, G, H show relative standard error of estimate. Columns C, F, and I show standard error of estimate]

Vehicular and operational characteristics	1997 trucks	1992 trucks	Percent change	1997 truck miles	1992 truck miles	Percent change	1997 average miles per truck	1992 average miles per truck	Percent change
	A	B	C	D	E	F	G	H	I
MAINTENANCE									
General maintenance performed by—									
Owner	1.0	.9	1.3	1.4	1.3	2.2	1.3	1.2	2.0
Company's maintenance facilities	.8	.9	1.3	.9	.9	1.6	.8	.9	1.4
Dealership's service department	2.0	2.2	3.8	2.0	2.3	4.7	1.7	2.0	3.2
Leasing company	4.6	4.2	7.8	4.2	3.5	7.2	2.8	3.0	4.3
Independent garage	1.2	1.3	2.1	1.4	1.5	2.9	1.3	1.3	2.2
Component distributorship	5.6	4.8	9.1	4.7	5.3	8.9	4.6	4.5	6.5
No one	10.6	9.2	16.2	14.4	13.6	34.9	16.3	13.4	31.9
Other	8.0	7.7	14.4	9.5	7.6	13.9	7.7	7.6	9.5
Not reported	2.0	2.9	6.4	2.4	3.7	14.6	2.0	3.3	7.1
Major overhauls performed by—									
Owner	2.4	2.0	2.7	3.6	2.7	3.8	3.2	2.5	4.1
Company's maintenance facilities	1.3	1.2	1.8	1.4	1.4	2.2	1.2	1.2	1.8
Dealership's service department	1.4	1.6	2.5	1.4	1.6	3.2	1.2	1.3	2.2
Leasing company	6.0	5.0	8.6	5.5	4.3	8.2	3.5	3.5	5.3
Independent garage	1.3	1.3	2.0	1.6	1.6	2.5	1.3	1.3	1.9
Component distributorship	2.4	2.5	3.9	2.5	2.6	5.1	2.0	2.2	3.7
No one	4.0	3.7	5.6	5.7	4.9	10.4	5.2	4.5	9.2
Other	8.9	7.4	11.3	12.4	7.9	9.9	10.2	6.5	8.3
Not reported	.9	1.0	1.6	1.3	1.5	3.6	1.2	1.3	2.6
ENGINE TYPE AND SIZE									
Engine	.3	.3	.5	.5	.6	1.1	.5	.6	1.0
Gasoline	.9	.8	1.1	1.9	1.7	2.3	1.5	1.5	2.3
Diesel	.5	.6	1.1	.6	.7	1.3	.6	.6	.9
Liquefied gas or other	7.6	7.2	8.7	9.3	8.8	11.5	6.7	5.8	9.7
Not reported	5.1	5.6	9.2	9.9	11.6	31.3	8.4	10.2	22.2
Cylinders	.3	.3	.5	.5	.6	1.1	.5	.6	1.0
4	3.6	5.4	9.8	3.7	5.8	10.2	2.6	4.3	4.9
6	.6	.9	1.7	.6	.8	1.7	.6	.8	1.1
8	1.0	1.0	1.5	1.6	1.8	2.7	1.3	1.4	2.0
Other	25.8	29.1	130.7	24.3	27.0	117.7	21.3	24.9	31.7
Not reported	1.2	1.0	1.0	2.3	1.4	1.5	2.1	1.4	2.0
Cubic inch displacement	.3	.4	.6	.5	.6	1.1	.5	.6	.9
Gasoline engines	.9	.8	1.1	1.9	1.7	2.3	1.5	1.5	2.3
Less than 200	15.1	15.2	22.7	18.3	24.1	22.4	10.4	17.0	13.9
200 to 299	6.9	6.5	11.4	8.9	7.3	15.3	5.1	4.2	7.3
300 to 349	8.5	6.2	9.9	17.3	8.5	25.3	13.6	6.3	20.9
350 to 399	1.8	1.7	2.5	2.7	2.7	3.6	2.1	2.1	2.8
400 or more	2.8	3.1	5.0	4.0	4.9	7.5	2.8	3.5	4.4
Not reported	1.7	1.3	1.4	3.5	2.6	2.2	3.0	2.3	3.0
Diesel engines	.5	.6	1.1	.6	.7	1.3	.6	.6	.9
Less than 400	2.4	3.0	5.9	3.0	3.6	6.9	2.0	2.4	3.0
400 to 599	1.6	2.1	4.1	2.2	2.7	5.3	1.5	1.8	2.4
600 to 799	1.0	1.7	4.2	1.3	1.9	6.2	.9	1.4	2.2
800 or more	.9	.9	1.6	1.2	1.0	1.7	.8	.6	.9
Not reported	1.3	1.2	1.4	2.1	1.6	2.5	1.7	1.3	2.6
Other engines	7.6	7.2	8.7	9.3	8.8	11.5	6.7	5.8	9.7
Less than 400	12.2	10.6	14.1	13.9	11.2	14.3	8.7	6.0	9.7
400 or more	11.1	16.7	24.4	14.3	18.9	32.2	9.6	9.6	15.1
Not reported	17.3	12.0	11.5	22.3	19.9	13.1	14.4	16.0	17.4
Not reported	5.1	5.6	9.2	9.9	11.6	31.3	8.4	10.2	22.2
REFUELING LOCATION									
Central company-owned fueling facility	1.0	1.0	1.4	1.2	1.2	2.0	1.0	1.0	1.7
Single contract fueling facility located off-site	2.5	2.8	4.4	3.0	2.9	5.7	2.2	2.2	3.7
Public fueling stations	.6	.7	1.1	.8	.9	1.7	.8	.8	1.3
Other	3.0	2.9	3.8	4.9	5.0	6.6	4.5	4.9	7.0
Not reported	2.4	3.1	5.8	3.2	4.7	16.1	2.8	4.3	9.8
TRUCK TYPE AND AXLE ARRANGEMENT									
Single-unit trucks	.5	.5	.7	1.0	1.1	1.8	.9	1.0	1.6
2 axles	.6	.6	.9	1.2	1.3	2.1	1.1	1.2	1.8
3 axles	1.4	1.6	2.3	2.3	2.4	4.1	1.8	1.9	3.0
4 axles or more	2.5	3.8	6.6	3.1	5.0	9.4	2.0	3.1	4.1
Combinations	.6	.7	1.1	.6	.7	1.4	.6	.7	1.1
Single-unit truck with trailer	4.0	4.3	5.5	5.7	5.1	8.7	4.5	4.4	7.7
4 axles	6.8	6.5	7.0	11.3	7.6	13.1	9.1	5.9	14.0
5 axles or more	4.6	4.8	7.9	6.6	6.7	11.6	4.7	5.0	7.1
Single-unit truck with utility trailer	4.2	3.9	6.2	5.9	5.4	9.1	3.9	3.9	5.8
3 axles	8.7	8.2	11.4	12.1	11.4	15.6	8.4	8.3	11.6
4 axles	5.4	5.3	9.6	7.9	7.2	14.9	5.2	4.9	7.9
5 axles or more	10.0	7.1	10.1	12.1	11.2	13.4	7.0	9.1	11.4
Truck-tractor with single trailer	.5	.6	1.0	.7	.7	1.4	.6	.6	.9
3 axles	4.2	4.7	6.4	5.7	6.3	9.4	4.0	3.8	6.0
4 axles	2.5	2.4	4.2	3.0	2.9	5.4	2.1	2.1	3.1
5 axles or more	.6	.6	1.1	.8	.8	1.6	.6	.5	.8

See footnotes at end of table.

Table 3b. **Trucks, Truck Miles, and Average Annual Miles, for Trucks, Excluding Pickups, Panels, Minivans, Sport Utilities, and Station Wagons—Measures of Variability: 1997 and 1992**—Con.

[For meaning of abbreviations and symbols, see introductory text. Columns A, B, D, E, G, H show relative standard error of estimate. Columns C, F, and I show standard error of estimate]

Vehicular and operational characteristics	1997 trucks	1992 trucks	Percent change	1997 truck miles	1992 truck miles	Percent change	1997 average miles per truck	1992 average miles per truck	Percent change
	A	B	C	D	E	F	G	H	I
TRUCK TYPE AND AXLE ARRANGEMENT—Con.									
Combinations—Con.									
Truck-tractor with double trailers	3.4	4.6	10.0	3.8	5.9	13.0	2.3	2.8	3.8
5 axles	5.1	6.3	11.6	5.6	8.0	14.2	3.5	3.6	5.0
6 axles	7.0	10.9	53.5	7.7	13.6	77.1	4.3	7.3	10.0
7 axles or more	5.6	5.5	12.5	6.1	5.7	14.3	3.3	3.0	4.8
Truck-tractor with triple trailers	12.7	21.0	122.7	13.2	23.4	150.6	5.0	13.5	16.4
7 axles	S	39.0	S	S	41.2	S	S	25.6	S
8 axles or more	13.1	18.1	190.3	13.5	20.4	269.2	5.3	7.7	11.4
Trailer not specified	N	N	N	N	N	N	N	N	N
Powered axles	.3	.3	.5	.5	.6	1.1	.5	.6	1.0
1	.5	.5	.7	1.1	1.1	1.8	.9	1.0	1.6
2	.6	.7	1.2	.7	.7	1.4	.7	.7	1.0
3 or more	3.9	6.1	15.5	5.0	7.4	43.3	3.5	6.1	15.9
Not reported	N	N	N	N	N	N	N	N	N
CAB TYPE									
Cab forward of engine	3.8	5.1	10.5	4.6	6.5	15.4	3.2	5.3	7.2
Cab over engine	1.6	1.4	1.8	2.0	1.4	1.7	1.6	1.3	1.7
Conventional cab	.4	.5	.7	.6	.8	1.5	.6	.7	1.2
Cab beside engine	8.6	7.6	10.0	12.1	10.9	15.4	8.6	8.1	12.9
Other	5.4	5.3	6.6	7.6	6.8	8.6	5.9	4.4	7.2
Not reported	2.6	3.8	9.2	3.3	4.7	18.0	2.7	4.1	7.8

[1]New or modified data line from 1992.

Table 4. **Trucks by Vehicle Size: 1997**

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of total (percent)
Total trucks	**72 800.3**	**68 099.9**	**1 435.5**	**729.3**	**2 535.5**	**X**
Relative standard error (percent)	.2	.2	2.4	1.7	.5	X
MAJOR USE						
Agriculture	3 377.8	2 599.4	240.7	182.4	355.3	2.9
Forestry and lumbering	276.7	176.3	22.2	13.4	64.8	7.1
Mining and quarrying	250.7	170.7	17.3	7.4	55.2	11.1
Construction	6 033.9	5 151.7	289.6	147.5	445.1	2.5
Manufacturing	729.4	506.6	51.8	28.7	142.3	5.4
Wholesale trade	1 264.6	908.4	94.6	63.6	198.1	5.0
Retail trade	2 243.8	1 899.3	125.7	75.1	143.6	4.4
For-hire transportation	1 059.4	142.7	75.6	42.8	798.3	2.4
Utilities	663.8	513.1	59.5	35.8	55.4	7.9
Services	4 233.5	3 794.0	183.1	69.0	187.5	3.3
Daily rental	508.0	363.5	63.7	27.4	53.5	8.6
One-way rental	31.2	S	24.4	2.6	.3	13.0
Personal transportation	50 934.5	50 775.0	137.7	14.0	7.8	.5
Other	V	V	V	V	V	N
Not in use	1 193.1	1 095.3	49.8	19.8	28.2	6.5
Not reported	V	V	V	V	V	N
BODY TYPE						
Pickup	36 191.8	36 009.4	182.4	V	V	.3
Minivan	9 837.9	9 828.7	S	V	V	1.9
Panel or van	5 572.7	5 547.3	25.4	S	V	2.7
Utility vehicles[2]	15 533.1	15 505.9	27.3	V	V	1.3
Sport utility	13 762.5	13 739.9	22.6	V	V	1.5
Station wagon	1 770.7	1 766.0	S	V	V	5.1
Multistop or stepvan	560.4	313.2	222.7	19.4	5.1	2.4
Platform with added devices	308.2	58.2	85.0	68.0	97.1	2.7
Low boy or depressed center	111.1	4.4	6.3	8.9	91.4	3.3
Basic platform	1 176.1	409.2	290.5	154.9	321.4	1.4
Livestock truck	39.1	3.7	11.2	5.7	18.5	5.7
Insulated nonrefrigerated van	34.5	2.1	2.2	3.7	26.5	6.4
Insulated refrigerated van	234.0	8.6	23.8	19.1	182.5	2.5
Drop-frame van	54.9	3.8	8.6	9.0	33.4	5.3
Open-top van	20.8	1.5	1.7	1.6	16.0	7.0
Basic enclosed van	1 009.0	98.2	134.6	135.2	641.0	1.1
Beverage	70.2	2.4	8.0	15.3	44.5	6.4
Public utility	152.0	44.4	43.6	31.4	32.5	4.2
Winch or crane	55.0	6.2	12.2	9.2	27.5	5.8
Wrecker	111.9	38.9	56.9	9.0	7.1	5.1
Pole or logging	55.7	1.3	2.6	5.7	46.1	4.1
Auto transport	20.1	2.2	4.8	.9	12.2	8.7
Service truck	168.6	97.7	51.9	12.1	7.0	4.5
Yard tractor	10.8	.5	S	.5	7.4	14.2
Oilfield truck	26.1	3.5	2.8	3.0	16.8	8.4
Grain body	299.1	13.2	46.2	59.6	180.0	2.0
Garbage hauler	91.6	2.1	8.5	6.9	74.1	4.0
Dump truck	670.8	83.7	129.1	95.9	362.2	1.6
Tank truck (liquids or gases)	249.4	6.3	29.3	45.5	168.3	2.5
Tank truck (dry bulk)	39.7	S	2.2	4.0	32.9	5.5
Concrete mixer	73.1	S	S	2.0	70.6	3.4
Other	22.6	2.6	3.8	2.8	13.4	10.8
Not reported	V	V	V	V	V	N
ANNUAL MILES						
Less than 5,000	13 045.1	11 892.7	441.9	294.2	416.2	1.7
5,000 to 9,999	13 465.5	12 886.9	229.2	111.6	237.7	1.7
10,000 to 19,999	29 974.6	29 082.7	406.8	141.5	343.6	1.0
20,000 to 29,999	10 198.5	9 698.8	182.4	71.6	245.7	2.0
30,000 to 49,999	4 349.9	3 835.7	124.2	71.0	319.1	3.2
50,000 to 74,999	951.3	581.6	36.8	23.7	309.1	5.6
75,000 or more	815.5	121.5	14.2	15.6	664.2	3.0
PRIMARY RANGE OF OPERATION						
Local	52 815.6	50 504.5	864.0	453.5	993.5	.5
Short-range	9 400.1	8 629.9	220.5	129.6	420.2	2.0
Short-range medium	2 977.7	2 587.9	79.2	38.8	271.9	3.7
Long-range medium	1 806.7	1 379.8	100.6	20.5	305.9	4.6
Long-range	1 974.0	1 529.1	31.9	11.1	401.9	4.6
Off-the-road	2 852.8	2 575.3	99.1	59.5	119.0	3.8
Not reported	973.4	893.4	40.3	16.3	23.3	7.6

See footnotes at end of table.

Table 4. **Trucks by Vehicle Size: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of total (percent)
WEEKS OPERATED						
Less than 1	1 514.3	1 375.8	67.4	31.9	39.2	5.7
1 to 4	1 975.4	1 719.1	104.0	69.2	83.0	4.4
5 to 8	1 900.7	1 652.6	78.0	63.1	107.0	4.4
9 to 12	2 003.9	1 809.7	58.2	44.5	91.5	4.8
13 to 16	1 559.4	1 426.3	40.9	27.1	65.0	5.5
17 to 20	1 360.0	1 243.1	35.5	21.0	60.4	5.8
21 to 24	1 818.1	1 654.8	50.4	30.1	82.8	4.5
25 to 28	2 856.7	2 660.4	51.1	36.7	108.5	3.8
29 to 32	2 278.6	2 141.4	40.8	24.4	72.0	4.3
33 to 36	2 447.6	2 285.4	47.9	22.9	91.5	4.4
37 to 40	2 357.9	2 141.8	56.3	23.6	136.2	4.3
41 to 44	2 821.2	2 573.2	75.9	26.0	146.1	3.9
45 to 48	5 202.6	4 752.0	101.1	58.9	290.5	2.9
49 to 52	41 370.1	39 495.2	582.8	226.3	1 065.8	.7
Not reported	1 332.7	1 168.0	45.3	23.4	96.0	4.9
BASE OF OPERATION						
Percentage of miles traveled outside base-of-operation state:						
Less than 25 percent	58 835.2	55 751.5	1 082.0	557.4	1 444.3	.4
25 to 49 percent	3 066.3	2 854.1	36.0	27.5	148.7	3.6
50 to 74 percent	1 966.9	1 731.9	32.5	15.3	187.2	4.3
75 to 100 percent	1 454.5	1 101.3	44.8	13.1	295.3	5.0
No home base	132.3	1.3	26.5	2.6	101.9	3.1
Not reported	7 060.0	6 407.9	197.3	106.9	347.9	2.4
AVERAGE WEIGHT (POUNDS)						
Less than 6,001	62 798.4	62 798.4	N	N	N	.3
6,001 to 10,000	5 301.5	5 301.5	N	N	N	2.5
10,001 to 14,000	818.9	N	818.9	N	N	3.7
14,001 to 16,000	315.9	N	315.9	N	N	3.5
16,001 to 19,500	300.8	N	300.8	N	N	4.4
19,501 to 26,000	729.3	N	N	729.3	N	1.7
26,001 to 33,000	427.7	N	N	N	427.7	2.1
33,001 to 40,000	256.7	N	N	N	256.7	2.3
40,001 to 50,000	399.9	N	N	N	399.9	1.6
50,001 to 60,000	311.4	N	N	N	311.4	1.7
60,001 to 80,000	1 069.8	N	N	N	1 069.8	.7
80,001 to 100,000	46.3	N	N	N	46.3	3.4
100,001 to 130,000	17.9	N	N	N	17.9	5.1
130,001 or more	5.9	N	N	N	5.9	10.3
Not reported	V	V	V	V	V	N
TOTAL LENGTH (FEET)						
Less than 20.0	67 826.7	67 021.6	575.3	132.7	97.1	.2
20.0 to 27.9	2 032.0	565.9	609.1	373.5	483.5	1.5
28.0 to 35.9	1 129.9	466.3	188.9	149.2	325.4	3.9
36.0 to 40.9	174.5	22.5	31.2	23.3	97.4	4.3
41.0 to 44.9	97.5	18.6	13.4	11.4	54.0	7.7
45.0 or more	1 539.7	5.0	17.6	39.1	1 478.1	.5
Not reported	V	V	V	V	V	N
YEAR MODEL						
1998	192.9	145.7	3.1	7.0	37.1	13.5
1997	4 711.0	4 470.8	54.8	25.5	160.0	3.1
1996	5 655.7	5 365.3	69.4	28.2	192.7	2.8
1995	6 007.6	5 625.5	108.9	41.9	231.2	2.5
1994	5 699.8	5 413.1	91.3	27.5	167.9	2.7
1993	5 028.9	4 803.3	64.2	25.3	136.1	3.0
1992	3 954.7	3 785.0	48.4	20.3	101.0	3.3
1991	3 988.5	3 806.9	47.9	29.8	103.9	3.4
1990	3 832.6	3 606.6	76.8	29.2	120.0	3.4
1989	4 298.1	4 068.7	75.7	22.6	131.1	3.3
1988	4 141.2	3 908.2	73.7	27.7	131.7	3.0
Pre-1988	25 289.3	23 100.8	721.3	444.2	1 023.0	1.1
Not reported	V	V	V	V	V	N
VEHICLE ACQUISITION						
Purchased new	30 052.9	28 095.7	596.6	268.3	1 092.2	1.0
Purchased used	37 834.5	35 595.9	740.8	408.1	1 089.7	.8
Leased from someone else	4 039.3	3 576.8	84.7	47.7	330.1	3.2
Not reported	873.6	831.5	13.4	5.1	23.6	8.1

See footnotes at end of table.

Table 4. **Trucks by Vehicle Size: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of total (percent)
LEASE CHARACTERISTICS[3 4]						
Leased without driver	775.0	77.7	172.5	103.2	421.5	1.5
Leased with driver other than owner-operator	77.8	8.1	7.8	5.6	56.2	4.4
Leased with owner-operator	194.1	24.6	25.1	12.3	132.1	2.9
Provisions of lease:						
Financing	270.0	35.6	40.4	22.0	172.0	2.5
Full maintenance	251.8	9.8	32.9	34.0	175.1	2.8
Maintenance on specific parts	25.1	4.4	5.3	.8	14.7	9.8
Payment of taxes	245.4	17.7	32.6	30.2	164.9	2.8
Obtaining licenses and permits	284.6	13.1	35.5	30.4	205.7	2.5
Record keeping for leased trucks	222.7	9.0	23.6	27.3	162.8	2.8
Other	40.4	3.8	5.8	4.0	26.8	6.0
PRIMARY OPERATOR CLASSIFICATION						
Not for hire	71 232.5	67 593.7	1 296.3	659.0	1 683.5	.2
Business use	18 078.8	14 628.2	1 137.6	640.2	1 672.8	1.3
Personal transportation	51 765.7	51 595.7	144.3	16.5	9.2	.5
Mixed—business use/personal transportation	1 388.0	1 369.9	14.3	2.3	1.5	6.1
For hire	1 059.7	142.7	75.6	42.9	798.6	2.4
Motor carrier	696.3	23.9	54.3	31.8	586.3	1.2
Owner/operator	187.2	3.0	9.1	8.4	166.7	2.5
Independent	100.7	3.0	7.6	6.4	83.7	3.6
Leased to a company	86.5	S	1.4	2.1	83.0	3.4
Not reported	22.7	1.9	S	1.0	17.6	8.8
Daily rental	508.0	363.5	63.7	27.4	53.5	8.6
Mixed—not for hire/for hire	114.3	88.9	3.0	1.0	21.4	19.8
For-hire jurisdiction:						
Interstate	577.0	3.9	22.5	12.4	538.3	1.2
Intrastate	184.9	6.7	13.8	14.8	149.5	2.7
Local	115.6	16.9	27.3	13.8	57.6	4.7
Not reported	59.5	2.1	3.6	1.9	51.9	4.6
Type of carrier (interstate only):						
Contract	251.9	1.4	3.3	4.1	243.1	1.8
Common	302.2	2.4	19.0	7.7	273.2	1.9
Exempt	15.9	V	S	S	15.5	7.7
Not reported	7.7	V	S	S	7.3	11.6
Kind of service:						
Truckload	579.8	6.1	17.9	17.1	538.7	1.2
Less than truckload	283.2	20.8	45.3	21.9	195.2	2.5
Not reported	73.8	2.5	4.0	4.0	63.3	4.1
PRIMARY PRODUCTS CARRIED						
Farm products	1 246.5	683.4	122.6	124.0	316.5	4.9
Live animals	520.3	397.2	54.0	19.6	49.6	7.2
Animal feed	426.2	340.0	30.6	14.5	41.0	7.2
Mining products	61.5	23.7	3.7	3.7	30.3	16.7
Logs and other forest products	213.8	106.8	23.0	16.7	67.3	8.0
Lumber and fabricated wood products	541.8	414.1	31.3	27.5	68.9	7.9
Processed foods	894.9	488.2	65.0	47.4	294.2	5.0
Textile mill products	323.4	246.9	25.7	8.6	42.1	9.8
Building materials	1 381.5	696.5	137.6	101.3	446.1	3.9
Household goods	240.6	103.8	83.0	26.2	27.5	10.3
Furniture or hardware	240.4	174.7	28.5	10.0	27.3	9.1
Paper products	337.2	243.0	12.8	13.9	67.4	9.7
Chemicals	504.1	375.5	27.3	19.6	81.8	8.3
Petroleum	236.7	77.1	24.2	36.4	99.0	5.9
Plastics and/or rubber	116.1	64.7	13.4	6.4	31.6	12.0
Primary metal products	246.0	157.2	17.6	8.5	62.8	12.2
Fabricated metal products	341.9	261.4	25.3	12.2	43.1	12.2
Machinery	900.3	651.9	75.3	31.3	141.7	6.4
Transportation equipment	482.1	309.3	83.6	19.6	69.6	6.7
Glass products	67.8	58.4	1.7	S	6.8	31.1
Miscellaneous products of manufacturing	443.7	350.2	20.5	12.0	61.0	9.6
Industrial "waste" water	6.8	S	S	.9	4.9	13.8
Scrap, refuse, or garbage	269.8	126.6	34.3	16.4	92.5	9.1
Mixed cargoes	827.4	513.0	87.7	33.5	193.2	5.3
Craftsman's equipment	3 467.5	3 254.8	138.8	38.1	35.8	3.5
Recyclable products	71.1	29.5	7.3	6.6	27.7	10.0
Hazardous waste (EPA manifest)	7.5	S	S	S	6.0	14.4
Hazardous waste (non-EPA manifest)	2.2	S	S	S	1.0	23.7
Personal transportation	50 934.5	50 775.0	137.7	14.0	7.8	.5
Passengers	1 269.5	1 260.5	8.6	S	S	6.1
No load carried	4 866.2	4 758.3	51.3	27.6	29.0	3.1
Not in use	1 193.1	1 095.3	49.8	19.8	28.2	6.5
Other	117.9	61.3	11.6	11.4	33.6	16.4
Not reported	V	V	V	V	V	N

See footnotes at end of table.

Table 4. **Trucks by Vehicle Size: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of total (percent)
HAZARDOUS MATERIALS CARRIED						
Carrying hazardous materials[2 4]	403.3	17.1	27.8	45.5	313.0	1.8
Hazmat placard names:						
Explosives 1.1 (formerly explosive A)	7.2	S	S	1.0	4.1	19.4
Explosives 1.2 (formerly explosive A)	3.8	V	S	S	2.6	32.0
Explosives 1.3 (formerly explosive B)	4.5	V	S	S	4.0	12.6
Explosives 1.4 (formerly dangerous)	37.3	S	S	3.7	31.5	7.2
Explosives 1.5 (formerly blasting agents)	22.7	S	S	3.1	19.1	9.1
Explosives 1.6 (formerly dangerous)	25.3	S	S	2.4	22.6	8.4
Flammable gas	115.3	4.5	9.0	22.3	79.5	3.9
Nonflammable gas	83.0	2.3	4.6	8.1	68.1	4.2
Poisonous gas	34.1	S	S	3.3	30.3	7.0
Flammable	218.0	5.7	10.2	21.5	180.6	2.5
Combustible	127.5	.8	3.8	12.8	110.1	3.3
Flammable solid	65.4	S	1.1	5.0	57.5	4.9
Spontaneously combustible (formerly flammable solid)	41.4	V	S	3.0	37.7	6.2
Dangerous when wet (formerly flammable solid W)	47.4	S	S	3.3	42.8	5.7
Oxidizer	90.8	S	2.4	7.2	80.8	3.8
Oxygen	39.0	2.1	1.9	3.2	31.9	6.9
Organic peroxide	46.5	V	S	2.8	43.3	5.7
Poison (formerly poisons A and B, solids, and liquids)	70.9	1.6	1.5	6.3	61.6	4.4
Keep away from food	49.6	S	1.6	3.9	44.0	5.5
Radioactive	19.2	S	V	1.7	17.0	8.0
Corrosive	159.2	2.0	3.9	10.1	143.2	2.6
Class 9	53.5	S	S	4.8	47.6	5.1
Hazardous materials not specified[2]	40.6	3.3	1.3	1.0	34.9	5.8
No hazardous materials carried	71 182.8	67 438.3	1 182.5	599.4	1 962.6	.2
Not reported	1 214.1	644.5	225.2	84.4	260.0	1.3
TRUCK FLEET SIZE						
1	18 553.6	17 965.7	243.6	87.8	256.5	1.4
2 to 5	9 790.0	8 693.6	393.9	235.5	466.9	1.9
6 to 9	1 490.4	1 104.4	115.2	70.7	200.1	4.5
10 to 24	1 660.4	1 150.2	141.9	78.9	289.4	4.0
25 to 99	1 479.7	929.2	105.4	73.4	371.7	4.3
100 or more	2 228.9	1 250.7	145.3	109.5	723.5	3.8
Not reported	37 597.3	37 006.2	290.2	73.4	227.5	.8
MILES PER GALLON						
Less than 5	582.4	70.2	45.2	50.2	416.9	4.4
5 to 6.9	1 908.0	163.3	190.6	191.2	1 363.0	1.0
7 to 8.9	1 391.1	543.4	285.2	198.6	363.9	2.3
9 to 10.9	5 001.3	4 437.3	306.4	139.4	118.3	2.6
11 to 12.9	8 207.1	7 931.9	190.1	41.5	43.6	2.3
13 to 14.9	9 353.3	9 239.0	92.6	10.9	10.8	2.1
15 or more	45 547.5	45 319.2	185.9	21.0	21.4	.6
15 to 20.9	34 649.1	34 425.5	181.1	21.0	21.4	.8
21 to 24.9	8 529.2	8 524.5	S	V	V	2.3
25 or more	2 369.2	2 369.2	V	V	V	4.7
Not reported	803.6	389.8	139.6	76.4	197.7	4.0
EQUIPMENT TYPE[4 5]						
Braking system	6 100.0	1 638.0	1 197.2	729.3	2 535.5	.3
Hydraulic	1 252.5	520.6	404.7	193.6	133.5	1.3
Hydraulic (power)	1 453.6	492.2	520.7	268.4	172.4	1.2
Air	2 457.4	44.9	117.0	213.2	2 082.3	.5
Other	78.7	34.7	26.8	11.3	6.0	6.3
Not reported	857.8	545.6	128.0	42.8	141.4	2.0
Antilock brakes	29 692.9	29 010.9	248.9	44.5	388.6	.9
Power steering	61 996.8	58 267.9	1 019.6	559.9	2 149.3	.4
Vehicle control aids for handicapped drivers	134.8	132.5	S	V	V	16.7
Air-conditioning	50 859.6	48 766.9	471.0	178.7	1 443.0	.5
Wheelchair lift	161.8	161.8	V	V	V	16.5
Engine retarder	831.5	12.1	37.8	30.7	750.9	1.0
Reflective materials	1 182.8	133.8	180.1	124.5	744.4	1.1
Electronic vehicle management system	14 236.7	13 747.0	84.9	14.7	390.1	1.6
Electronic vehicle identification device (transponder, etc.)	147.9	4.0	6.7	3.0	134.2	2.9
Trip recorders/on board computer system	409.1	44.3	38.7	16.5	309.6	1.9
Navigational systems	64.9	.8	2.6	3.1	58.4	3.9
Airbag(s)[2]	17 904.6	17 484.1	82.3	10.1	328.1	1.4
FUEL CONSERVATION EQUIPMENT[4 5]						
Aerodynamic features	853.0	43.6	64.6	42.1	702.7	1.1
Axle or drive ratio	1 287.4	122.4	169.8	120.6	874.5	1.0
Fuel economy engine	1 508.3	83.9	151.4	124.0	1 149.0	.9
Radial tires	57 902.7	54 715.6	857.2	385.2	1 944.7	.4
Road speed governors	1 451.4	71.1	158.0	173.7	1 048.7	.9
Variable fan drives	1 303.2	80.2	108.6	81.0	1 033.4	.9
Other fuel conservation devices	326.7	17.6	25.8	13.7	269.6	2.0

See footnotes at end of table.

Table 4. **Trucks by Vehicle Size: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of total (percent)
MAINTENANCE[4]						
General maintenance performed by—						
Owner	35 010.0	33 443.0	544.1	282.6	740.3	.8
Company's maintenance facilities	5 012.3	3 126.6	420.1	210.0	1 255.6	2.4
Dealership's service department	16 051.7	15 596.5	167.1	55.3	232.8	1.5
Leasing company	402.7	305.3	8.4	20.0	69.0	9.7
Independent garage	25 368.5	24 331.1	367.6	180.9	489.0	1.1
Component distributorship	726.5	656.6	11.6	7.1	51.2	8.0
No one	791.2	772.8	9.1	4.4	5.0	7.6
Other	583.7	560.5	2.7	2.8	17.7	8.2
Not reported	3 195.4	2 742.7	148.1	70.1	234.5	3.6
Major overhauls performed by—						
Owner	6 305.1	5 947.4	144.2	60.4	153.0	2.5
Company's maintenance facilities	2 370.4	1 369.6	270.1	114.2	616.5	3.8
Dealership's service department	10 178.8	9 428.6	164.4	77.5	508.3	2.0
Leasing company	236.3	172.6	5.2	15.2	43.3	13.4
Independent garage	14 104.9	13 171.4	278.5	175.4	479.6	1.7
Component distributorship	1 504.6	1 253.3	26.4	21.4	203.5	5.3
No one	3 945.5	3 837.1	33.4	22.5	52.4	3.2
Other	304.9	288.3	2.8	2.7	11.2	10.7
Not reported	36 608.2	34 996.6	592.9	276.8	741.9	.8
ENGINE TYPE AND SIZE						
Engine	72 800.3	68 099.9	1 435.5	729.3	2 535.5	.2
Gasoline	67 452.6	66 024.1	859.4	340.3	228.9	.2
Diesel	4 913.3	1 763.4	509.7	355.7	2 284.5	1.7
Liquefied gas or other	241.1	194.6	19.2	17.4	9.8	12.3
Not reported	193.2	117.8	47.2	15.8	12.4	10.8
Cylinders[6]	72 800.3	68 099.9	1 435.5	729.3	2 535.5	.2
4	11 040.5	10 963.9	67.1	4.1	5.3	2.0
6	32 365.4	30 052.5	248.1	251.6	1 813.1	.8
8	27 067.1	25 683.4	874.5	277.6	231.6	1.0
Other	S	54.7	6.8	S	.3	S
Not reported	2 265.2	1 345.4	239.0	195.7	485.1	3.8
Cubic inch displacement[7]	72 800.3	68 099.9	1 435.5	729.3	2 535.5	.2
Gasoline engines	67 452.6	66 024.1	859.4	340.3	228.9	.2
Less than 200	20 016.8	19 993.6	23.0	S	V	1.3
200 to 299	17 628.6	17 575.1	49.3	3.6	.5	1.4
300 to 349	11 834.5	11 788.0	37.6	5.8	3.1	1.7
350 to 399	12 959.5	12 512.0	300.5	96.7	50.4	1.7
400 or more	2 211.3	1 938.1	205.3	36.7	31.3	4.3
Not reported	2 802.0	2 217.3	243.7	197.4	143.6	3.8
Diesel engines	4 913.3	1 763.4	509.7	355.7	2 284.5	1.7
Less than 400	1 283.3	953.5	189.9	82.4	57.4	4.6
400 to 599	1 570.8	793.2	267.2	191.0	319.4	3.7
600 to 799	759.9	2.6	11.1	27.0	719.2	1.0
800 or more	742.8	.6	6.2	9.7	726.4	.9
Not reported	556.5	13.4	35.4	45.6	462.1	1.4
Other engines	241.1	194.6	19.2	17.4	9.8	12.3
Less than 400	178.8	161.4	9.6	5.9	1.9	15.4
400 or more	36.5	S	7.0	6.6	5.1	26.1
Not reported	25.9	15.4	2.7	5.0	2.8	20.8
Not reported	193.2	117.8	47.2	15.8	12.4	10.8
REFUELING LOCATION						
Central company-owned fueling facility	1 515.4	157.7	234.9	189.7	933.0	1.0
Single contract fueling facility located off-site	315.7	46.2	53.1	52.1	164.3	2.5
Public fueling stations	3 142.0	841.8	710.9	401.1	1 188.3	.6
Other	215.7	37.6	43.2	35.8	99.1	3.0
Not reported	864.8	522.5	146.8	50.6	144.9	1.7
TRUCK TYPE AND AXLE ARRANGEMENT						
Single-unit trucks	70 312.2	67 487.2	1 250.8	641.1	933.1	.2
2 axles	69 726.0	67 481.1	1 229.4	608.1	407.4	.2
3 axles	475.0	5.7	20.9	32.1	416.2	1.4
4 axles or more	111.2	S	.4	.9	109.5	2.5
Combinations	2 488.0	612.7	184.7	88.1	1 602.4	2.1
Single-unit truck with trailer	111.8	11.9	15.2	15.8	68.9	5.5
4 axles	54.3	11.1	12.4	10.5	20.3	10.2
5 axles or more	57.5	S	2.9	5.2	48.7	4.6
Single-unit truck with utility trailer	832.4	599.4	153.2	33.2	46.6	6.1
3 axles	288.9	229.6	42.2	9.7	7.3	11.7
4 axles	504.6	354.9	105.0	20.3	24.4	7.4
5 axles or more	38.9	14.9	6.0	3.2	14.8	17.9
Truck-tractor with single trailer	1 438.2	1.5	15.9	36.5	1 384.4	.5
3 axles	78.0	S	3.3	8.2	66.3	4.2
4 axles	211.7	S	8.9	17.9	184.0	2.5
5 axles or more	1 148.5	S	3.6	10.3	1 134.1	.6
Truck-tractor with double trailers	101.0	V	S	2.6	98.0	3.4
5 axles	56.3	V	V	.9	55.4	5.1
6 axles	24.0	V	S	1.8	21.9	7.0
7 axles or more	20.8	V	S	V	20.7	5.6

See footnotes at end of table.

Table 4. **Trucks by Vehicle Size: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of total (percent)
TRUCK TYPE AND AXLE ARRANGEMENT—Con.						
Combinations—Con.						
Truck-tractor with triple trailers	4.5	V	V	V	4.5	12.7
7 axles	S	V	V	V	S	S
8 axles or more	4.3	V	V	V	4.3	13.1
Trailer not specified	V	V	V	V	V	N
Powered axles	72 800.3	68 099.9	1 435.5	729.3	2 535.5	.2
1	46 828.5	44 023.2	1 261.5	674.2	869.6	.6
2	25 909.8	24 076.1	172.3	53.4	1 607.9	1.0
3 or more	62.0	S	1.6	1.6	58.1	3.9
Not reported	V	V	V	V	V	N
CAB TYPE[8]						
Cab forward of engine	181.5	49.2	75.2	15.3	41.8	3.8
Cab over engine	705.8	174.9	150.1	68.7	312.1	1.6
Conventional cab	4 240.4	796.4	809.6	599.9	2 034.6	.4
Cab beside engine	37.6	17.7	7.2	5.0	7.6	8.6
Other	88.0	46.8	27.4	5.9	8.0	5.4
Not reported	800.4	520.6	119.5	34.5	125.7	1.8
PICKUPS, PANELS, VANS, SPORT UTILITIES, AND STATION WAGONS						
Total	67 135.6	66 891.2	244.3	S	V	.2
Pickups	36 191.8	36 009.4	182.4	V	V	.3
Minivans	9 837.9	9 828.7	S	V	V	1.9
Panels or vans	5 572.7	5 547.3	25.4	S	V	2.7
Sport utilities	13 762.5	13 739.9	22.6	V	V	1.5
Station wagons	1 770.7	1 766.0	S	V	V	5.1
Driving wheels	67 135.6	66 891.2	244.3	S	V	.2
4-wheel drive	24 109.8	24 000.3	109.5	S	V	1.0
2-wheel drive	43 025.8	42 890.9	134.8	V	V	.6
Front-wheel drive	13 468.0	13 407.3	60.6	V	V	1.6
Not reported	V	V	V	V	V	N

Note: Some estimates may have high relative standard errors of estimate (RSEs). See Appendix for approximating the RSEs for estimates other than the total. The U.S. estimates may differ from the sum of the state estimates because of rounding.

[1]Includes trucks registered in one state with a mailing address of another state. These trucks were excluded from the 1992 survey.
[2]New or modified data line from 1992.
[3]Lease characteristics include both "leased from" and "leased to" vehicles. Lease provisions apply to a period of 1 year or more.
[4]Detail does not add to total because items were not applicable or multiple responses were possible.
[5]Pickups, panels, vans, minivans, and sport utilities were not requested to report the information shown in the Equipment Type section, except for power steering, antilock brakes, wheelchair lift, vehicle control aids for handicapped drivers, electronic vehicle management system, air-conditioning, and airbag(s). In the Fuel Conservation Equipment section, they reported only radial tires.
[6]Data were derived from administrative records. "Not reported" indicates those trucks for which the cylinders are unknown.
[7]Data were derived from administrative records. "Not reported" indicates those trucks for which the cubic inch displacement is unknown.
[8]Pickups, panels, vans, minivans, and sport utilities are not included.

Table 5. **Trucks by Annual Mileage Class: 1997**

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Annual miles: Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 74,999	75,000 or more	Relative standard error of total (percent)
Total trucks	**72 800.3**	**13 045.1**	**13 465.5**	**29 974.6**	**10 198.5**	**4 349.9**	**951.3**	**815.5**	**X**
Relative standard error (percent)	.2	1.7	1.7	1.0	2.0	3.2	5.6	3.0	X
MAJOR USE									
Agriculture	3 377.8	1 209.2	635.0	946.9	374.6	141.0	44.3	26.6	2.9
Forestry and lumbering	276.7	66.3	45.9	69.1	33.3	33.1	14.1	15.0	7.1
Mining and quarrying	250.7	75.7	28.3	39.7	56.2	32.5	11.6	6.6	11.1
Construction	6 033.9	662.2	780.6	2 313.1	1 256.9	816.7	172.6	31.7	2.5
Manufacturing	729.4	115.1	106.7	217.6	117.9	91.9	39.8	40.3	5.4
Wholesale trade	1 264.6	71.4	128.7	379.0	291.7	277.7	62.0	54.0	5.0
Retail trade	2 243.8	236.2	383.8	856.4	447.8	223.7	60.6	35.3	4.4
For-hire transportation	1 059.4	26.6	34.8	125.8	96.0	154.6	156.3	465.3	2.4
Utilities	663.8	91.1	145.3	258.1	125.2	34.7	S	1.6	7.9
Services	4 233.5	585.9	676.3	1 610.9	770.3	448.8	100.0	41.3	3.3
Daily rental	508.0	9.9	24.7	182.5	175.0	72.4	23.2	20.4	8.6
One-way rental	31.2	S	S	22.7	1.4	1.4	S	1.2	13.0
Personal transportation	50 934.5	8 708.9	10 465.9	22 952.6	6 452.0	2 021.3	257.5	76.3	.5
Other	V	V	V	V	V	V	V	V	N
Not in use	1 193.1	1 183.6	9.3	S	V	V	V	V	6.5
Not reported	V	V	V	V	V	V	V	V	N
BODY TYPE									
Pickup	36 191.8	7 768.8	7 468.2	13 791.9	4 579.6	2 151.2	347.6	84.4	.3
Minivan	9 837.9	656.0	1 592.0	5 266.0	1 730.1	512.3	72.0	9.5	1.9
Panel or van	5 572.7	1 215.9	1 163.7	2 000.1	729.6	367.1	81.6	14.6	2.7
Utility vehicles[2]	15 533.1	1 850.2	2 488.1	7 787.8	2 573.7	748.2	75.5	9.7	1.3
Sport utility	13 762.5	1 612.4	2 188.2	6 959.4	2 271.4	653.2	70.0	7.9	1.5
Station wagon	1 770.7	237.8	299.9	828.3	302.3	95.0	S	S	5.1
Multistop or stepvan	560.4	89.2	67.0	247.1	80.5	57.6	11.1	8.0	2.4
Platform with added devices	308.2	132.1	53.4	57.9	33.2	20.3	6.2	5.0	2.7
Low boy or depressed center	111.1	33.5	18.1	15.6	11.2	14.4	8.3	10.0	3.3
Basic platform	1 176.1	446.2	195.8	207.5	99.3	85.8	53.7	87.8	1.4
Livestock truck	39.1	17.8	4.8	3.7	2.0	2.7	2.0	6.0	5.7
Insulated nonrefrigerated van	34.5	1.2	S	3.2	3.8	3.0	4.7	16.7	6.4
Insulated refrigerated van	234.0	11.7	8.0	21.8	26.7	36.1	28.3	101.4	2.5
Drop-frame van	54.9	6.0	4.8	9.4	5.9	9.2	8.2	11.4	5.3
Open-top van	20.8	3.8	2.4	1.6	.9	2.8	2.7	6.7	7.0
Basic enclosed van	1 009.0	90.6	57.3	135.4	113.1	156.9	134.7	320.9	1.1
Beverage	70.2	5.8	13.1	28.7	13.1	7.5	1.2	.9	6.4
Public utility	152.0	37.4	44.0	47.8	14.1	7.4	1.1	S	4.2
Winch or crane	55.0	22.7	8.0	10.1	4.7	5.2	3.3	1.0	5.8
Wrecker	111.9	34.3	20.7	23.5	12.6	13.1	6.2	1.4	5.1
Pole or logging	55.7	10.3	3.7	6.9	4.8	9.5	11.5	9.0	4.1
Auto transport	20.1	3.6	2.0	3.2	1.2	1.8	2.4	6.0	8.7
Service truck	168.6	39.3	31.3	56.0	26.0	12.8	2.7	S	4.5
Yard tractor	10.8	6.1	1.2	S	.6	.3	S	S	14.2
Oilfield truck	26.1	8.9	3.7	5.7	2.6	3.2	1.1	.9	8.4
Grain body	299.1	210.5	39.6	16.6	6.1	8.2	6.7	11.3	2.0
Garbage hauler	91.6	10.5	10.5	26.5	16.6	14.2	8.5	4.8	4.0
Dump truck	670.8	256.0	112.4	114.7	58.1	60.6	40.2	28.8	1.6
Tank truck (liquids or gases)	249.4	56.9	28.8	46.4	25.9	25.5	20.5	45.3	2.5
Tank truck (dry bulk)	39.7	7.2	3.6	3.8	3.1	4.8	6.5	10.8	5.5
Concrete mixer	73.1	7.1	14.0	29.6	16.4	5.4	.5	S	3.4
Other	22.6	5.5	3.3	3.6	3.2	3.3	1.8	2.0	10.8
Not reported	V	V	V	V	V	V	V	V	N
PRIMARY RANGE OF OPERATION									
Local	52 815.6	9 170.7	10 777.3	23 383.8	6 928.0	2 167.8	334.8	53.1	.5
Short-range	9 400.1	1 070.7	1 177.2	3 685.4	1 878.9	1 222.1	231.0	134.8	2.0
Short-range medium	2 977.7	355.5	365.9	924.6	552.3	501.6	181.1	96.7	3.7
Long-range medium	1 806.7	162.3	221.9	533.7	366.2	222.4	94.4	205.8	4.6
Long-range	1 974.0	152.3	356.2	683.4	244.4	131.8	83.4	322.5	4.6
Off-the-road	2 852.8	1 160.2	566.9	763.7	228.6	104.3	26.5	2.6	3.8
Not reported	973.4	973.4	V	V	V	V	V	V	7.6
WEEKS OPERATED									
Less than 1	1 514.3	1 513.6	S	S	V	V	V	V	5.7
1 to 4	1 975.4	1 690.2	120.9	164.3	V	V	V	V	4.4
5 to 8	1 900.7	1 321.7	283.5	231.3	43.5	15.3	S	2.2	4.4
9 to 12	2 003.9	1 060.7	435.4	331.5	131.2	38.5	4.6	2.1	4.8
13 to 16	1 559.4	674.0	392.9	355.9	111.6	16.7	5.0	3.2	5.5
17 to 20	1 360.0	466.6	410.0	360.4	86.9	22.3	8.3	5.4	5.8
21 to 24	1 818.1	470.5	538.8	581.4	171.8	37.7	11.2	6.8	4.5
25 to 28	2 856.7	657.4	766.7	1 101.5	206.2	92.7	21.9	10.5	3.8
29 to 32	2 278.6	373.9	674.9	866.5	234.9	90.0	19.7	18.6	4.3
33 to 36	2 447.6	476.9	641.8	898.2	282.2	112.0	20.4	16.1	4.4
37 to 40	2 357.9	319.6	646.9	958.8	270.8	90.6	46.0	25.1	4.3
41 to 44	2 821.2	337.3	752.3	1 109.4	394.2	135.4	38.8	53.8	3.9
45 to 48	5 202.6	506.4	1 105.7	2 251.5	808.9	305.3	109.4	115.5	2.9
49 to 52	41 370.1	2 848.3	6 484.6	20 239.7	7 329.5	3 299.2	644.1	524.8	.7
Not reported	1 332.7	328.1	210.4	522.9	126.8	94.1	18.8	31.5	4.9

See footnotes at end of table.

Table 5. **Trucks by Annual Mileage Class: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Annual miles: Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 74,999	75,000 or more	Relative standard error of total (percent)
BASE OF OPERATION									
Percentage of miles traveled outside base-of-operation state:									
Less than 25 percent	58 835.2	10 885.8	11 238.2	24 288.1	8 219.6	3 324.5	648.8	230.2	.4
25 to 49 percent	3 066.3	223.3	411.3	1 494.9	508.1	290.3	63.5	74.9	3.6
50 to 74 percent	1 966.9	218.4	334.9	677.8	339.6	207.2	74.3	114.7	4.3
75 to 100 percent	1 454.5	137.9	180.1	507.6	215.3	143.6	48.5	221.5	5.0
No home base	132.3	1.8	.9	27.0	7.5	9.2	11.6	74.2	3.1
Not reported	7 060.0	1 292.7	1 300.0	2 979.1	908.4	375.2	104.6	100.0	2.4
VEHICLE SIZE									
Light	68 099.9	11 892.7	12 886.9	29 082.7	9 698.8	3 835.7	581.6	121.5	.2
Medium	1 435.5	441.9	229.2	406.8	182.4	124.2	36.8	14.2	2.4
Light-heavy	729.3	294.2	111.6	141.5	71.6	71.0	23.7	15.6	1.7
Heavy-heavy	2 535.5	416.2	237.7	343.6	245.7	319.1	309.1	664.2	.5
AVERAGE WEIGHT (POUNDS)									
Less than 6,001	62 798.4	10 807.5	11 911.1	27 135.4	8 959.8	3 396.4	505.2	83.1	.3
6,001 to 10,000	5 301.5	1 085.3	975.9	1 947.3	739.0	439.3	76.4	38.4	2.5
10,001 to 14,000	818.9	220.0	134.3	261.6	104.4	74.1	18.3	6.1	3.7
14,001 to 16,000	315.9	112.6	50.2	78.6	42.1	23.8	6.0	2.6	3.5
16,001 to 19,500	300.8	109.4	44.7	66.6	35.8	26.2	12.5	S	4.4
19,501 to 26,000	729.3	294.2	111.6	141.5	71.6	71.0	23.7	15.6	1.7
26,001 to 33,000	427.7	145.1	65.7	87.7	55.3	42.5	19.7	11.5	2.1
33,001 to 40,000	256.7	71.8	39.9	48.6	25.9	25.3	17.6	27.7	2.3
40,001 to 50,000	399.9	91.5	51.7	68.9	41.8	47.2	35.1	63.8	1.6
50,001 to 60,000	311.4	41.1	29.5	49.1	44.3	49.3	39.5	58.8	1.7
60,001 to 80,000	1 069.8	60.7	46.9	84.3	72.7	140.8	182.0	482.3	.7
80,001 to 100,000	46.3	4.5	2.8	3.3	4.3	9.1	9.2	13.1	3.4
100,001 to 130,000	17.9	1.3	1.0	1.5	1.1	3.3	4.1	5.8	5.1
130,001 or more	5.9	.2	.2	.2	.4	1.7	1.8	1.2	10.3
Not reported	V	V	V	V	V	V	V	V	N
TOTAL LENGTH (FEET)									
Less than 20.0	67 826.7	11 818.7	12 791.9	29 025.7	9 678.8	3 798.4	585.2	128.0	.2
20.0 to 27.9	2 032.0	762.3	339.5	463.3	229.9	165.9	56.1	14.9	1.5
28.0 to 35.9	1 129.9	282.9	210.1	292.8	141.2	147.5	35.7	19.7	3.9
36.0 to 40.9	174.5	39.5	28.4	46.2	26.6	19.5	10.1	4.2	4.3
41.0 to 44.9	97.5	22.8	14.4	24.5	12.5	14.0	5.5	3.8	7.7
45.0 or more	1 539.7	118.9	81.3	122.1	109.4	204.6	258.6	644.8	.5
Not reported	V	V	V	V	V	V	V	V	N
YEAR MODEL									
1998	192.9	70.9	24.7	41.3	25.3	11.2	8.0	11.6	13.5
1997	4 711.0	355.9	905.4	2 137.9	837.9	340.9	44.0	89.0	3.1
1996	5 655.7	224.3	659.4	2 943.7	1 081.6	542.8	81.4	122.5	2.8
1995	6 007.6	217.5	803.4	2 774.5	1 360.6	584.0	120.7	147.0	2.5
1994	5 699.8	313.5	791.4	2 804.6	1 168.2	398.9	131.7	91.6	2.7
1993	5 028.9	270.2	724.5	2 482.5	967.0	433.7	82.0	69.0	3.0
1992	3 954.7	245.2	580.3	1 991.4	734.7	297.3	54.1	51.8	3.3
1991	3 988.5	290.1	743.4	2 008.2	608.1	252.5	48.5	37.7	3.4
1990	3 832.6	296.3	745.9	1 894.0	567.4	234.8	54.2	39.9	3.4
1989	4 298.1	470.8	733.9	2 073.3	684.5	217.7	78.2	39.7	3.3
1988	4 141.2	656.4	926.7	1 833.8	449.5	195.7	52.3	27.0	3.0
Pre-1988	25 289.3	9 634.0	5 826.5	6 989.4	1 713.8	840.6	196.3	88.6	1.1
Not reported	V	V	V	V	V	V	V	V	N
VEHICLE ACQUISITION									
Purchased new	30 052.9	3 690.9	5 649.0	13 052.1	4 768.4	2 022.2	448.0	422.3	1.0
Purchased used	37 834.5	9 088.2	7 375.9	14 199.6	4 563.9	1 959.3	422.5	225.1	.8
Leased from someone else	4 039.3	155.1	279.1	2 299.6	750.9	319.8	72.0	162.8	3.2
Not reported	873.6	110.9	161.4	423.3	115.3	48.6	8.8	5.2	8.1
LEASE CHARACTERISTICS[3 4]									
Leased without driver	775.0	50.5	50.6	186.6	103.1	114.1	87.7	182.3	1.5
Leased with driver other than owner-operator	77.8	8.0	3.2	13.7	8.1	11.3	10.2	23.3	4.4
Leased with owner-operator	194.1	31.2	12.8	27.1	16.6	21.3	23.2	61.9	2.9
Provisions of lease:									
Financing	270.0	12.9	20.6	43.8	38.1	37.5	29.1	88.0	2.5
Full maintenance	251.8	10.4	8.8	35.1	35.3	51.3	38.2	72.7	2.8
Maintenance on specific parts	25.1	1.7	3.3	3.1	4.1	3.3	1.9	7.6	9.8
Payment of taxes	245.4	9.5	11.5	31.6	36.7	44.5	38.4	73.2	2.8
Obtaining licenses and permits	284.6	10.8	11.9	33.3	36.1	50.8	43.6	98.1	2.5
Record keeping for leased trucks	222.7	7.0	9.4	24.1	29.2	41.3	34.5	77.0	2.8
Other	40.4	3.9	3.0	4.5	4.7	5.1	5.7	13.4	6.0

See footnotes at end of table.

Table 5. **Trucks by Annual Mileage Class: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Annual miles: Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 74,999	75,000 or more	Relative standard error of total (percent)
PRIMARY OPERATOR CLASSIFICATION									
Not for hire	71 232.5	13 008.2	13 406.0	29 666.3	9 927.5	4 122.9	771.8	329.8	.2
Business use	18 078.8	3 259.9	2 743.0	6 056.9	3 238.1	2 017.8	509.5	253.5	1.3
Personal transportation	51 765.7	9 535.0	10 470.9	22 952.6	6 452.0	2 021.3	257.5	76.3	.5
Mixed—business use/personal transportation	1 388.0	213.2	192.0	656.8	237.3	83.7	S	S	6.1
For hire	1 059.7	27.0	34.8	125.8	96.0	154.6	156.3	465.3	2.4
Motor carrier	696.3	12.8	18.2	68.6	56.6	93.3	97.0	349.8	1.2
Owner/operator	187.2	7.7	5.4	12.7	12.9	27.4	35.1	86.1	2.5
Independent	100.7	6.1	4.7	10.1	9.0	19.1	19.2	32.5	3.6
Leased to a company	86.5	1.6	.7	2.6	3.9	8.2	15.9	53.6	3.4
Not reported	22.7	1.5	.6	S	1.2	2.2	3.2	11.8	8.8
Daily rental	508.0	9.9	24.7	182.5	175.0	72.4	23.2	20.4	8.6
Mixed—not for hire/for hire	114.3	9.7	16.3	42.8	12.2	20.9	4.1	8.4	19.8
For-hire jurisdiction:									
Interstate	577.0	4.0	4.0	31.6	25.9	56.5	82.0	373.1	1.2
Intrastate	184.9	8.6	10.4	20.1	21.4	43.1	37.0	44.3	2.7
Local	115.6	9.5	11.3	32.8	22.5	20.5	12.0	6.9	4.7
Not reported	59.5	2.0	1.3	4.1	3.5	6.4	8.5	33.8	4.6
Type of carrier (interstate only):									
Contract	251.9	1.0	1.4	5.3	6.7	16.8	33.6	187.1	1.8
Common	302.2	2.6	2.4	25.6	18.1	37.0	44.4	172.2	1.9
Exempt	15.9	S	S	.6	1.0	1.8	2.7	9.5	7.7
Not reported	7.7	S	S	S	S	1.1	1.4	4.7	11.6
Kind of service:									
Truckload	579.8	15.9	17.3	29.2	32.2	66.2	89.6	329.5	1.2
Less than truckload	283.2	5.5	8.0	54.1	36.4	51.2	38.8	89.2	2.5
Not reported	73.8	2.5	1.6	5.1	4.6	9.2	11.3	39.4	4.1
PRIMARY PRODUCTS CARRIED									
Farm products	1 246.5	557.0	208.9	232.2	105.2	71.0	26.5	45.8	4.9
Live animals	520.3	125.0	96.0	166.5	61.4	38.6	19.8	13.0	7.2
Animal feed	426.2	126.9	106.0	119.5	37.2	14.1	8.2	14.2	7.2
Mining products	61.5	7.9	9.7	10.7	S	7.5	5.9	7.9	16.7
Logs and other forest products	213.8	59.7	30.6	41.0	30.1	21.4	15.0	16.0	8.0
Lumber and fabricated wood products	541.8	67.4	61.9	186.9	81.4	101.0	20.0	23.2	7.9
Processed foods	894.9	63.4	123.5	285.2	144.5	98.6	44.7	134.9	5.0
Textile mill products	323.4	36.8	52.0	86.8	64.9	42.2	16.1	24.6	9.8
Building materials	1 381.5	279.1	194.2	413.1	184.8	185.9	83.3	41.1	3.9
Household goods	240.6	15.3	S	119.7	35.0	18.4	8.3	17.9	10.3
Furniture or hardware	240.4	22.8	41.9	82.5	33.9	38.5	4.5	16.2	9.1
Paper products	337.2	12.4	13.2	108.1	62.8	79.3	16.8	44.6	9.7
Chemicals	504.1	63.2	63.3	154.5	103.0	70.1	21.6	28.5	8.3
Petroleum	236.7	38.6	33.7	61.8	41.9	27.6	13.3	19.8	5.9
Plastics and/or rubber	116.1	11.6	6.5	26.9	28.8	22.2	5.1	15.0	12.0
Primary metal products	246.0	24.3	40.2	53.6	37.5	37.6	25.1	27.8	12.2
Fabricated metal products	341.9	25.0	69.6	136.8	40.1	47.4	8.1	14.9	12.2
Machinery	900.3	124.7	133.2	286.3	148.7	141.7	36.0	29.6	6.4
Transportation equipment	482.1	91.3	65.4	119.9	88.7	57.2	26.8	32.9	6.7
Glass products	67.8	S	S	S	S	S	1.8	3.8	31.1
Miscellaneous products of manufacturing	443.7	47.7	63.9	149.6	70.8	58.8	28.0	24.7	9.6
Industrial "waste" water	6.8	1.2	.6	1.1	.6	1.7	.9	.7	13.8
Scrap, refuse, or garbage	269.8	85.8	46.4	67.4	24.3	25.8	11.2	8.8	9.1
Mixed cargoes	827.4	65.6	100.4	193.0	155.2	144.0	70.0	99.2	5.3
Craftsman's equipment	3 467.5	393.2	574.2	1 312.6	688.9	421.9	71.1	5.6	3.5
Recyclable products	71.1	15.2	14.5	9.9	8.2	12.4	6.8	4.1	10.0
Hazardous waste (EPA manifest)	7.5	.4	S	.9	1.4	.9	.8	3.0	14.4
Hazardous waste (non-EPA manifest)	2.2	S	S	.5	S	.2	S	.4	23.7
Personal transportation	50 934.5	8 708.9	10 465.9	22 952.6	6 452.0	2 021.3	257.5	76.3	.5
Passengers	1 269.5	145.8	191.9	496.3	279.0	128.9	21.3	6.2	6.1
No load carried	4 866.2	616.2	600.7	2 020.2	1 157.7	396.0	69.9	5.5	3.1
Not in use	1 193.1	1 183.6	9.3	S	V	V	V	V	6.5
Other	117.9	26.9	15.8	40.0	8.1	11.2	6.7	9.3	16.4
Not reported	V	V	V	V	V	V	V	V	N
HAZARDOUS MATERIALS CARRIED									
Carrying hazardous materials[2 4]	403.3	28.4	27.2	55.5	44.9	54.4	37.7	155.3	1.8
Hazmat placard names:									
Explosives 1.1 (formerly explosive A)	7.2	S	.2	1.2	1.0	.7	.7	1.6	19.4
Explosives 1.2 (formerly explosive A)	3.8	S	S	.2	.2	.6	.4	1.1	32.0
Explosives 1.3 (formerly explosive B)	4.5	S	S	.7	.5	.8	.6	1.6	12.6
Explosives 1.4 (formerly dangerous)	37.3	S	.3	5.3	3.0	7.3	3.4	16.0	7.2
Explosives 1.5 (formerly blasting agents)	22.7	1.6	.6	3.8	2.2	4.8	1.9	7.8	9.1
Explosives 1.6 (formerly dangerous)	25.3	S	S	3.9	2.8	4.9	2.3	10.9	8.4
Flammable gas	115.3	5.7	6.9	23.6	17.0	20.5	9.5	32.2	3.9
Nonflammable gas	83.0	1.4	4.1	12.6	10.5	14.5	6.8	33.2	4.2
Poisonous gas	34.1	S	.7	4.9	4.1	6.6	2.3	15.0	7.0
Flammable	218.0	11.6	11.8	23.3	21.4	32.6	22.9	94.3	2.5
Combustible	127.5	6.6	6.6	13.5	13.0	18.5	11.6	57.7	3.3
Flammable solid	65.4	.9	1.1	7.2	5.9	12.1	6.4	31.9	4.9
Spontaneously combustible (formerly flammable solid)	41.4	S	.4	4.6	3.7	8.2	3.9	19.9	6.2
Dangerous when wet (formerly flammable solid W)	47.4	S	.5	5.3	4.9	9.1	4.9	22.2	5.7
Oxidizer	90.8	3.0	2.1	8.7	8.1	15.2	10.2	43.5	3.8

See footnotes at end of table.

Table 5. **Trucks by Annual Mileage Class: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Annual miles: Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 74,999	75,000 or more	Relative standard error of total (percent)
HAZARDOUS MATERIALS CARRIED—Con.									
Hazmat placard names—Con.									
Oxygen	39.0	1.0	2.0	6.5	5.1	8.9	4.0	11.7	6.9
Organic peroxide	46.5	.9	.8	5.5	4.9	9.4	3.8	21.3	5.7
Poison (formerly poisons A and B, solids, and liquids)	70.9	1.5	1.4	7.1	7.2	11.9	7.3	34.5	4.4
Keep away from food	49.6	.9	.5	5.9	5.0	9.2	5.6	22.5	5.5
Radioactive	19.2	S	S	1.3	1.4	5.1	1.5	9.5	8.0
Corrosive	159.2	1.9	2.4	14.6	13.1	23.0	14.8	89.3	2.6
Class 9	53.5	1.4	1.0	5.5	4.3	8.8	5.3	27.2	5.1
Hazardous materials not specified[2]	40.6	2.5	2.4	5.0	4.1	5.0	3.3	18.4	5.8
No hazardous materials carried	71 182.8	12 598.8	13 293.3	29 603.5	10 042.7	4 207.6	853.0	583.9	.2
Not reported	1 214.1	417.9	145.0	315.6	110.9	88.0	60.6	76.3	1.3
TRUCK FLEET SIZE									
1	18 553.6	3 377.7	3 312.9	7 480.1	2 839.9	1 223.7	221.2	98.0	1.4
2 to 5	9 790.0	2 253.5	1 645.4	3 464.4	1 437.8	740.8	168.9	79.3	1.9
6 to 9	1 490.4	337.8	184.1	497.4	246.1	154.6	40.7	29.7	4.5
10 to 24	1 660.4	214.0	274.2	494.5	292.6	243.9	84.6	56.5	4.0
25 to 99	1 479.7	185.7	189.4	416.0	290.4	216.1	77.1	105.0	4.3
100 or more	2 228.9	178.6	235.7	590.8	452.5	321.1	127.9	322.4	3.8
Not reported	37 597.3	6 497.9	7 623.8	17 031.3	4 639.2	1 449.7	230.8	124.6	.8
MILES PER GALLON									
Less than 5	582.4	188.9	74.6	90.8	60.6	59.9	46.4	61.2	4.4
5 to 6.9	1 908.0	398.0	197.1	255.6	157.1	215.4	182.7	502.1	1.0
7 to 8.9	1 391.1	427.4	247.4	312.4	152.1	114.1	65.1	72.7	2.3
9 to 10.9	5 001.3	1 596.9	1 132.4	1 437.7	447.7	270.6	92.0	24.1	2.6
11 to 12.9	8 207.1	2 181.3	1 738.8	2 838.2	910.2	427.6	100.8	10.2	2.3
13 to 14.9	9 353.3	1 972.7	1 825.7	3 690.6	1 240.5	535.6	74.3	14.0	2.1
15 or more	45 547.5	5 799.1	8 186.8	21 253.8	7 182.1	2 681.2	357.1	87.4	.6
15 to 20.9	34 649.1	4 360.7	6 284.6	16 268.7	5 412.5	1 959.2	290.8	72.6	.8
21 to 24.9	8 529.2	1 086.2	1 398.9	4 015.4	1 423.7	547.0	49.4	8.5	2.3
25 or more	2 369.2	352.1	503.3	969.7	345.8	175.0	16.9	S	4.7
Not reported	803.6	480.8	56.8	95.7	48.2	45.4	33.0	43.7	4.0
EQUIPMENT TYPE[4 5]									
Braking system	6 100.0	1 727.0	816.5	1 255.9	633.7	592.5	376.8	697.6	.3
Hydraulic	1 252.5	542.4	219.7	251.9	119.6	78.3	25.6	15.0	1.3
Hydraulic (power)	1 453.6	492.3	239.1	393.3	167.7	116.6	28.7	15.9	1.2
Air	2 457.4	364.5	235.2	357.0	251.1	333.6	290.8	625.2	.5
Other	78.7	27.6	15.9	17.8	9.4	5.1	2.1	1.0	6.3
Not reported	857.8	300.2	106.6	236.0	86.0	58.9	29.5	40.5	2.0
Antilock brakes	29 692.9	1 975.9	4 686.1	14 548.7	5 614.6	2 288.7	318.7	260.2	.9
Power steering	61 996.8	9 350.4	11 458.7	26 628.1	9 165.4	3 860.7	827.0	706.4	.4
Vehicle control aids for handicapped drivers	134.8	25.1	12.7	58.1	14.7	S	S	S	16.7
Air-conditioning	50 859.6	5 611.5	9 087.1	23 206.0	8 230.1	3 325.9	688.6	710.5	.5
Wheelchair lift	161.8	47.9	35.6	45.9	S	15.7	S	S	16.5
Engine retarder	831.5	52.7	45.1	79.7	74.3	105.4	114.9	359.4	1.0
Reflective materials	1 182.8	176.3	128.6	209.7	137.2	140.4	113.5	277.0	1.1
Electronic vehicle management system	14 236.7	908.0	2 269.7	7 031.5	2 547.8	1 037.8	178.6	263.3	1.6
Electronic vehicle identification device (transponder, etc.)	147.9	2.8	2.4	10.6	11.8	11.0	12.3	97.1	2.9
Trip recorders/on board computer system	409.1	17.2	18.5	53.3	35.7	48.0	45.5	190.9	1.9
Navigational systems	64.9	2.3	1.2	3.9	5.6	5.9	5.6	40.4	3.9
Airbag(s)[2]	17 904.6	895.1	2 570.1	9 185.6	3 585.4	1 285.6	180.7	202.1	1.4
FUEL CONSERVATION EQUIPMENT[4 5]									
Aerodynamic features	853.0	25.0	32.1	90.6	68.3	103.6	106.6	426.8	1.1
Axle or drive ratio	1 287.4	132.5	96.5	191.6	126.2	168.7	138.5	433.2	1.0
Fuel economy engine	1 508.3	102.9	113.6	213.4	177.9	234.7	184.8	481.0	.9
Radial tires	57 902.7	8 448.8	10 700.6	25 068.6	8 654.7	3 558.5	790.0	681.5	.4
Road speed governors	1 451.4	193.7	134.2	213.1	157.3	189.4	145.5	418.2	.9
Variable fan drives	1 303.2	98.0	94.6	192.3	139.4	188.5	163.0	427.4	.9
Other fuel conservation devices	326.7	10.1	13.7	31.3	24.2	38.9	37.7	170.9	2.0
MAINTENANCE[4]									
General maintenance performed by—									
Owner	35 010.0	7 324.9	6 858.9	13 975.3	4 463.7	1 814.9	363.9	208.4	.8
Company's maintenance facilities	5 012.3	790.3	726.3	1 459.9	809.7	585.9	225.6	414.5	2.4
Dealership's service department	16 051.7	1 385.4	2 849.8	8 055.7	2 532.5	984.7	136.7	107.1	1.5
Leasing company	402.7	32.1	39.1	135.8	80.3	62.7	23.8	28.9	9.7
Independent garage	25 368.5	3 549.3	4 622.6	10 949.4	4 005.2	1 753.8	299.2	189.1	1.1
Component distributorship	726.5	99.9	122.3	287.1	126.8	48.0	13.2	29.2	8.0
No one	791.2	273.5	157.5	224.0	82.7	49.0	S	1.3	7.6
Other	583.7	106.7	112.2	241.4	83.5	25.5	5.9	8.6	8.2
Not reported	3 195.4	954.3	521.2	1 084.1	321.7	185.0	59.6	69.5	3.6
Major overhauls performed by—									
Owner	6 305.1	1 982.2	1 302.6	2 081.0	607.0	267.8	39.9	24.6	2.5
Company's maintenance facilities	2 370.4	404.2	326.1	716.5	353.3	269.1	111.9	189.4	3.8
Dealership's service department	10 178.8	690.1	1 579.3	5 105.5	1 649.5	734.1	203.1	217.1	2.0
Leasing company	236.3	S	S	72.7	50.1	26.4	25.3	15.8	13.4
Independent garage	14 104.9	2 367.0	2 617.3	5 703.8	2 112.1	934.6	255.3	114.9	1.7
Component distributorship	1 504.6	179.7	230.8	548.9	261.0	130.2	65.2	88.7	5.3
No one	3 945.5	729.8	717.9	1 713.8	559.9	175.3	35.6	13.2	3.2
Other	304.9	72.1	53.2	110.4	48.3	9.4	8.4	3.0	10.7
Not reported	36 608.2	6 962.4	7 019.4	15 033.9	4 995.0	2 038.2	309.3	250.1	.8

See footnotes at end of table.

Table 5. **Trucks by Annual Mileage Class: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Annual miles: Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 74,999	75,000 or more	Relative standard error of total (percent)
ENGINE TYPE AND SIZE									
Engine	72 800.3	13 045.1	13 465.5	29 974.6	10 198.5	4 349.9	951.3	815.5	.2
Gasoline	67 452.6	12 206.2	12 841.4	28 620.4	9 425.8	3 693.0	544.7	121.0	.2
Diesel	4 913.3	657.2	560.6	1 235.7	724.6	645.4	400.5	689.3	1.7
Liquefied gas or other	241.1	71.1	41.1	78.4	38.9	7.5	S	.6	12.3
Not reported	193.2	110.5	22.3	40.0	9.1	4.1	2.5	4.6	10.8
Cylinders[6]	72 800.3	13 045.1	13 465.5	29 974.6	10 198.5	4 349.9	951.3	815.5	.2
4	11 040.5	1 748.5	2 143.2	4 898.6	1 419.3	655.1	136.8	38.9	2.0
6	32 365.4	3 737.3	5 319.8	14 763.9	5 217.3	2 135.6	506.7	684.8	.8
8	27 067.1	6 101.3	5 705.9	9 975.6	3 451.4	1 489.4	275.2	68.3	1.0
Other	S	S	S	19.9	21.1	S	S	V	S
Not reported	2 265.2	1 451.8	289.4	316.6	89.3	64.4	30.2	23.5	3.8
Cubic inch displacement[7]	72 800.3	13 045.1	13 465.5	29 974.6	10 198.5	4 349.9	951.3	815.5	.2
Gasoline engines	67 452.6	12 206.2	12 841.4	28 620.4	9 425.8	3 693.0	544.7	121.0	.2
Less than 200	20 016.8	2 710.0	3 776.9	9 401.2	2 818.6	1 088.7	176.7	44.7	1.3
200 to 299	17 628.6	1 758.6	2 801.0	8 725.7	3 113.2	1 089.2	121.9	19.0	1.4
300 to 349	11 834.5	2 272.6	2 710.9	4 606.3	1 429.9	680.2	101.2	33.4	1.7
350 to 399	12 959.5	2 935.7	2 576.5	4 844.7	1 777.6	675.4	129.4	20.2	1.7
400 or more	2 211.3	655.8	569.9	638.4	226.5	108.5	9.8	2.5	4.3
Not reported	2 802.0	1 873.6	406.3	404.2	60.0	50.9	S	1.2	3.8
Diesel engines	4 913.3	657.2	560.6	1 235.7	724.6	645.4	400.5	689.3	1.7
Less than 400	1 283.3	177.9	173.6	495.7	245.3	141.3	40.0	9.5	4.6
400 to 599	1 570.8	212.9	219.8	493.8	302.4	238.0	78.6	25.4	3.7
600 to 799	759.9	47.3	50.1	98.4	78.5	111.8	109.9	264.0	1.0
800 or more	742.8	47.0	39.8	61.9	55.4	102.5	134.9	301.3	.9
Not reported	556.5	172.0	77.3	85.9	43.0	51.9	37.3	89.2	1.4
Other engines	241.1	71.1	41.1	78.4	38.9	7.5	S	.6	12.3
Less than 400	178.8	46.9	31.2	71.2	22.6	3.4	S	S	15.4
400 or more	36.5	6.4	4.0	5.6	S	S	S	S	26.1
Not reported	25.9	17.9	5.9	1.6	S	S	S	S	20.8
Not reported	193.2	110.5	22.3	40.0	9.1	4.1	2.5	4.6	10.8
REFUELING LOCATION									
Central company-owned fueling facility	1 515.4	313.4	175.8	314.8	181.3	186.1	123.0	221.0	1.0
Single contract fueling facility located off-site	315.7	46.0	37.4	63.7	45.2	52.0	37.2	34.2	2.5
Public fueling stations	3 142.0	904.3	474.6	605.1	308.6	287.1	181.6	380.7	.6
Other	215.7	124.9	21.1	20.9	13.2	9.6	5.8	20.3	3.0
Not reported	864.8	322.7	101.4	236.5	80.2	53.4	29.2	41.4	1.7
TRUCK TYPE AND AXLE ARRANGEMENT									
Single-unit trucks	70 312.2	12 696.1	13 177.0	29 588.0	9 979.7	4 038.8	670.4	162.3	.2
2 axles	69 726.0	12 521.8	13 089.4	29 460.1	9 900.3	3 967.0	637.4	150.0	.2
3 axles	475.0	162.1	76.0	101.0	59.2	49.2	20.0	7.5	1.4
4 axles or more	111.2	12.2	11.6	26.9	20.1	22.6	13.0	4.7	2.5
Combinations	2 488.0	349.0	288.5	386.6	218.8	311.1	280.9	653.2	2.1
Single-unit truck with trailer	111.8	24.4	22.1	22.1	10.8	13.9	9.8	8.7	5.5
4 axles	54.3	15.0	13.2	13.6	4.9	4.0	2.3	1.3	10.2
5 axles or more	57.5	9.4	8.9	8.5	5.9	9.9	7.4	7.3	4.6
Single-unit truck with utility trailer	832.4	204.8	191.9	238.1	94.9	85.5	14.8	2.4	6.1
3 axles	288.9	67.9	51.9	93.1	27.5	42.9	S	S	11.7
4 axles	504.6	123.2	133.6	135.4	64.0	38.0	S	S	7.4
5 axles or more	38.9	13.7	6.3	9.6	3.5	S	.8	.3	17.9
Truck-tractor with single trailer	1 438.2	115.5	72.1	122.0	106.2	194.6	244.8	583.1	.5
3 axles	78.0	12.1	7.8	17.1	13.9	12.3	10.2	4.6	4.2
4 axles	211.7	27.4	15.5	32.2	24.3	41.4	32.7	38.3	2.5
5 axles or more	1 148.5	76.0	48.8	72.7	67.9	140.9	201.9	540.2	.6
Truck-tractor with double trailers	101.0	4.2	2.2	4.3	6.7	17.0	11.2	55.5	3.4
5 axles	56.3	2.8	1.1	2.9	5.0	8.1	6.0	30.4	5.1
6 axles	24.0	S	.2	S	.7	5.9	1.0	15.1	7.0
7 axles or more	20.8	.8	.9	.9	1.0	2.9	4.1	10.0	5.6
Truck-tractor with triple trailers	4.5	S	S	S	S	.2	S	3.5	12.7
7 axles	S	S	V	V	V	V	V	S	S
8 axles or more	4.3	S	S	S	S	.2	S	3.3	13.1
Trailer not specified	V	V	V	V	V	V	V	V	N
Powered axles	72 800.3	13 045.1	13 465.5	29 974.6	10 198.5	4 349.9	951.3	815.5	.2
1	46 828.5	9 449.3	8 886.1	18 448.9	6 341.2	2 920.1	549.4	233.6	.6
2	25 909.8	3 590.9	4 576.0	11 515.3	3 850.5	1 422.3	393.9	560.9	1.0
3 or more	62.0	4.9	3.4	10.4	6.8	7.5	7.9	21.0	3.9
Not reported	V	V	V	V	V	V	V	V	N
CAB TYPE[8]									
Cab forward of engine	181.5	34.1	26.1	61.7	27.1	21.2	7.1	4.1	3.8
Cab over engine	705.8	156.4	85.6	152.2	94.2	95.6	51.4	70.5	1.6
Conventional cab	4 240.4	1 202.9	580.9	761.5	405.8	409.6	290.8	589.1	.4
Cab beside engine	37.6	13.5	4.9	8.6	5.7	3.4	1.0	.3	8.6
Other	88.0	31.0	15.2	21.4	12.2	4.8	1.4	2.0	5.4
Not reported	800.4	273.6	97.6	235.4	83.5	53.5	25.0	31.7	1.8

See footnotes at end of table.

Table 5. **Trucks by Annual Mileage Class: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Annual miles							Relative standard error of total (percent)
		Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 74,999	75,000 or more	
PICKUPS, PANELS, VANS, SPORT UTILITIES, AND STATION WAGONS									
Total	67 135.6	11 490.9	12 712.1	28 845.8	9 613.1	3 778.8	576.8	118.2	.2
Pickups	36 191.8	7 768.8	7 468.2	13 791.9	4 579.6	2 151.2	347.6	84.4	.3
Minivans	9 837.9	656.0	1 592.0	5 266.0	1 730.1	512.3	72.0	9.5	1.9
Panels or vans	5 572.7	1 215.9	1 163.7	2 000.1	729.6	367.1	81.6	14.6	2.7
Sport utilities	13 762.5	1 612.4	2 188.2	6 959.4	2 271.4	653.2	70.0	7.9	1.5
Station wagons	1 770.7	237.8	299.9	828.3	302.3	95.0	S	S	5.1
Driving wheels	67 135.6	11 490.9	12 712.1	28 845.8	9 613.1	3 778.8	576.8	118.2	.2
4-wheel drive	24 109.8	3 329.1	4 418.2	11 290.3	3 695.0	1 201.8	152.5	22.9	1.0
2-wheel drive	43 025.8	8 161.8	8 293.9	17 555.6	5 918.0	2 577.0	424.3	95.2	.6
Front-wheel drive	13 468.0	1 429.0	2 360.3	6 767.9	2 070.4	694.3	125.2	20.9	1.6
Not reported	V	V	V	V	V	V	V	V	N

Note: Some estimates may have high relative standard errors of estimate (RSEs). See Appendix for approximating the RSEs for estimates other than the total. The U.S. estimates may differ from the sum of the state estimates because of rounding.

[1]Includes trucks registered in one state with a mailing address of another state. These trucks were excluded from the 1992 survey.
[2]New or modified data line from 1992.
[3]Lease characteristics include both "leased from" and "leased to" vehicles. Lease provisions apply to a period of 1 year or more.
[4]Detail does not add to total because items were not applicable or multiple responses were possible.
[5]Pickups, panels, vans, minivans, and sport utilities were not requested to report the information shown in the Equipment Type section, except for power steering, antilock brakes, wheelchair lift, vehicle control aids for handicapped drivers, electronic vehicle management system, air-conditioning, and airbag(s). In the Fuel Conservation Equipment section, they reported only radial tires.
[6]Data were derived from administrative records. "Not reported" indicates those trucks for which the cylinders are unknown.
[7]Data were derived from administrative records. "Not reported" indicates those trucks for which the cubic inch displacement is unknown.
[8]Pickups, panels, vans, minivans, and sport utilities are not included.

Table 6. **Trucks by Primary Range of Operation: 1997**

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Primary range of operation							Relative standard error of total (percent)
		Local	Short-range	Short-range medium	Long-range medium	Long-range	Off-the-road	Not reported	
Total trucks	**72 800.3**	**52 815.6**	**9 400.1**	**2 977.7**	**1 806.7**	**1 974.0**	**2 852.8**	**973.4**	**X**
Relative standard error (percent)	.2	.5	2.0	3.7	4.6	4.6	3.8	7.6	X
MAJOR USE									
Agriculture	3 377.8	2 303.5	373.2	135.5	58.1	51.1	456.4	V	2.9
Forestry and lumbering	276.7	160.9	58.0	22.6	8.0	2.2	25.0	V	7.1
Mining and quarrying	250.7	99.0	39.2	23.4	12.5	8.7	67.9	V	11.1
Construction	6 033.9	4 252.3	1 159.5	342.0	90.9	54.4	134.7	V	2.5
Manufacturing	729.4	408.0	139.3	49.0	46.5	29.1	57.3	V	5.4
Wholesale trade	1 264.6	738.2	287.7	106.6	85.3	32.0	14.9	V	5.0
Retail trade	2 243.8	1 573.9	357.1	110.2	84.4	62.2	56.0	V	4.4
For-hire transportation	1 059.4	249.1	158.2	122.2	197.3	313.8	18.8	V	2.4
Utilities	663.8	414.6	152.2	49.7	7.9	S	29.2	V	7.9
Services	4 233.5	2 878.3	746.6	220.3	112.9	92.5	182.8	V	3.3
Daily rental	508.0	108.1	135.1	105.6	104.2	53.0	2.1	V	8.6
One-way rental	31.2	S	S	S	24.7	1.3	V	V	13.0
Personal transportation	50 934.5	39 456.0	5 780.4	1 686.3	974.0	1 263.2	1 774.5	V	.5
Other	V	V	V	V	V	V	V	V	N
Not in use	1 193.1	170.2	13.1	S	S	S	33.1	973.4	6.5
Not reported	V	V	V	V	V	V	V	V	N
BODY TYPE									
Pickup	36 191.8	26 519.7	4 942.1	1 369.7	591.7	597.9	1 570.8	600.0	.3
Minivan	9 837.9	7 644.4	1 001.9	331.6	234.4	285.7	297.3	42.7	1.9
Panel or van	5 572.7	3 735.3	828.9	295.3	163.3	265.1	186.3	98.5	2.7
Utility vehicles[2]	15 533.1	11 944.9	1 700.2	554.5	395.7	390.9	447.8	99.2	1.3
Sport utility	13 762.5	10 630.1	1 497.5	475.5	338.7	315.3	413.3	92.0	1.5
Station wagon	1 770.7	1 314.9	202.7	79.0	56.9	75.6	34.4	S	5.1
Multistop or stepvan	560.4	283.5	130.9	44.9	70.0	8.6	12.8	9.9	2.4
Platform with added devices	308.2	206.8	43.6	10.5	5.3	3.4	32.6	6.1	2.7
Low boy or depressed center	111.1	57.8	21.0	10.3	6.7	7.1	4.0	4.2	3.3
Basic platform	1 176.1	681.0	165.3	71.7	62.5	56.9	94.0	44.8	1.4
Livestock truck	39.1	18.2	6.8	3.5	4.0	2.4	3.4	S	5.7
Insulated nonrefrigerated van	34.5	5.3	4.8	5.1	4.3	14.6	S	S	6.4
Insulated refrigerated van	234.0	46.5	43.1	28.9	31.0	82.8	1.2	.4	2.5
Drop-frame van	54.9	17.8	7.1	4.6	8.2	16.2	.6	.3	5.3
Open-top van	20.8	6.1	6.3	3.9	1.8	.9	1.4	.4	7.0
Basic enclosed van	1 009.0	278.5	177.9	143.2	173.2	205.4	15.2	15.5	1.1
Beverage	70.2	41.2	22.7	4.2	.5	S	1.3	S	6.4
Public utility	152.0	110.2	25.8	4.8	S	.7	6.0	2.4	4.2
Winch or crane	55.0	33.2	9.4	2.0	1.3	.8	6.5	1.8	5.8
Wrecker	111.9	86.6	12.1	4.8	1.2	1.3	3.6	2.2	5.1
Pole or logging	55.7	22.0	19.9	5.1	2.7	1.2	3.3	1.6	4.1
Auto transport	20.1	5.9	2.4	2.0	4.4	4.3	S	S	8.7
Service truck	168.6	112.1	30.2	8.2	4.0	S	10.0	3.9	4.5
Yard tractor	10.8	3.5	.4	S	S	S	5.0	1.1	14.2
Oilfield truck	26.1	9.4	6.0	2.9	1.2	1.2	5.1	.4	8.4
Grain body	299.1	209.3	22.4	8.9	5.2	2.4	44.4	6.5	2.0
Garbage hauler	91.6	66.9	15.5	4.3	1.2	S	1.9	1.4	4.0
Dump truck	670.8	459.0	85.1	19.8	8.4	3.7	73.6	21.3	1.6
Tank truck (liquids or gases)	249.4	123.2	49.2	23.4	13.5	15.3	19.5	5.3	2.5
Tank truck (dry bulk)	39.7	13.0	8.1	6.4	6.2	3.2	2.3	.5	5.5
Concrete mixer	73.1	65.3	4.9	.8	S	V	1.0	.7	3.4
Other	22.6	9.2	6.2	1.7	2.4	1.0	1.4	.8	10.8
Not reported	V	V	V	V	V	V	V	V	N
ANNUAL MILES									
Less than 5,000	13 045.1	9 170.7	1 070.7	355.5	162.3	152.3	1 160.2	973.4	1.7
5,000 to 9,999	13 465.5	10 777.3	1 177.2	365.9	221.9	356.2	566.9	V	1.7
10,000 to 19,999	29 974.6	23 383.8	3 685.4	924.6	533.7	683.4	763.7	V	1.0
20,000 to 29,999	10 198.5	6 928.0	1 878.9	552.3	366.2	244.4	228.6	V	2.0
30,000 to 49,999	4 349.9	2 167.8	1 222.1	501.6	222.4	131.8	104.3	V	3.2
50,000 to 74,999	951.3	334.8	231.0	181.1	94.4	83.4	26.5	V	5.6
75,000 or more	815.5	53.1	134.8	96.7	205.8	322.5	2.6	V	3.0
WEEKS OPERATED									
Less than 1	1 514.3	396.4	S	7.5	1.7	S	112.4	960.4	5.7
1 to 4	1 975.4	1 381.6	207.2	65.5	49.8	46.7	224.4	S	4.4
5 to 8	1 900.7	1 317.9	222.7	75.9	53.1	82.8	148.3	V	4.4
9 to 12	2 003.9	1 352.3	250.8	81.3	80.7	82.4	156.5	V	4.8
13 to 16	1 559.4	1 056.7	214.8	93.0	37.5	64.1	93.2	V	5.5
17 to 20	1 360.0	1 010.4	134.6	92.8	31.2	34.7	56.4	V	5.8
21 to 24	1 818.1	1 329.6	214.1	48.9	58.9	58.5	108.0	V	4.5
25 to 28	2 856.7	2 041.3	353.5	166.8	87.8	84.6	122.7	V	3.8
29 to 32	2 278.6	1 709.5	248.1	74.1	71.4	54.2	121.2	V	4.3
33 to 36	2 447.6	1 812.8	322.8	94.4	71.3	53.8	92.5	V	4.4
37 to 40	2 357.9	1 753.7	332.8	68.9	53.1	55.1	94.2	V	4.3
41 to 44	2 821.2	2 018.8	356.1	164.4	61.0	100.5	120.4	V	3.9
45 to 48	5 202.6	3 694.2	726.7	239.5	168.1	219.2	154.9	V	2.9
49 to 52	41 370.1	30 901.5	5 667.0	1 656.6	955.8	1 002.5	1 186.6	V	.7
Not reported	1 332.7	1 039.0	113.0	48.1	25.1	33.7	61.0	12.7	4.9

See footnotes at end of table.

Table 6. **Trucks by Primary Range of Operation: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Primary range of operation							Relative standard error of total (percent)
		Local	Short-range	Short-range medium	Long-range medium	Long-range	Off-the-road	Not reported	
BASE OF OPERATION									
Percentage of miles traveled outside base-of-operation state:									
Less than 25 percent	58 835.2	44 572.8	7 599.6	2 142.0	908.2	494.0	2 432.5	686.1	.4
25 to 49 percent	3 066.3	1 924.5	402.8	209.8	185.1	261.0	83.0	S	3.6
50 to 74 percent	1 966.9	639.6	231.0	221.1	301.8	543.5	28.3	S	4.3
75 to 100 percent	1 454.5	495.1	167.0	93.4	220.8	453.3	24.8	S	5.0
No home base	132.3	8.5	7.7	6.2	45.8	62.7	.8	S	3.1
Not reported	7 060.0	5 175.0	992.0	305.0	145.0	159.6	283.3	V	2.4
VEHICLE SIZE									
Light	68 099.9	50 504.5	8 629.9	2 587.9	1 379.8	1 529.1	2 575.3	893.4	.2
Medium	1 435.5	864.0	220.5	79.2	100.6	31.9	99.1	40.3	2.4
Light-heavy	729.3	453.5	129.6	38.8	20.5	11.1	59.5	16.3	1.7
Heavy-heavy	2 535.5	993.5	420.2	271.9	305.9	401.9	119.0	23.3	.5
AVERAGE WEIGHT (POUNDS)									
Less than 6,001	62 798.4	46 931.9	7 770.5	2 335.8	1 260.7	1 331.3	2 349.2	818.9	.3
6,001 to 10,000	5 301.5	3 572.6	859.4	252.1	119.0	197.8	226.1	74.5	2.5
10,001 to 14,000	818.9	466.4	133.8	47.1	82.2	23.2	46.3	19.8	3.7
14,001 to 16,000	315.9	213.1	39.7	14.9	9.9	3.9	22.8	11.5	3.5
16,001 to 19,500	300.8	184.5	46.9	17.2	S	S	29.9	9.0	4.4
19,501 to 26,000	729.3	453.5	129.6	38.8	20.5	11.1	59.5	16.3	1.7
26,001 to 33,000	427.7	249.9	81.5	29.4	15.5	9.5	34.9	6.9	2.1
33,001 to 40,000	256.7	142.7	43.5	17.1	21.1	9.6	18.9	3.7	2.3
40,001 to 50,000	399.9	198.8	57.3	36.3	31.4	41.3	30.2	4.6	1.6
50,001 to 60,000	311.4	138.7	52.6	25.7	32.5	46.7	12.9	2.2	1.7
60,001 to 80,000	1 069.8	238.3	166.0	152.5	196.0	291.4	19.9	5.6	.7
80,001 to 100,000	46.3	16.7	13.2	7.0	5.5	2.1	1.6	.2	3.4
100,001 to 130,000	17.9	6.2	4.3	2.8	3.3	.9	.4	S	5.1
130,001 or more	5.9	2.1	1.8	1.0	.6	S	S	V	10.3
Not reported	V	V	V	V	V	V	V	V	N
TOTAL LENGTH (FEET)									
Less than 20.0	67 826.7	50 344.7	8 544.4	2 570.5	1 408.0	1 495.7	2 577.9	885.6	.2
20.0 to 27.9	2 032.0	1 340.5	310.9	86.5	51.1	17.3	171.6	54.0	1.5
28.0 to 35.9	1 129.9	660.9	229.6	72.3	44.7	52.9	56.7	12.8	3.9
36.0 to 40.9	174.5	99.3	30.7	17.6	6.1	6.9	12.0	1.9	4.3
41.0 to 44.9	97.5	49.9	25.7	6.8	4.6	S	3.3	.8	7.7
45.0 or more	1 539.7	320.2	258.9	224.0	292.2	394.9	31.2	18.3	.5
Not reported	V	V	V	V	V	V	V	V	N
YEAR MODEL									
1998	192.9	111.9	24.8	12.4	22.6	17.1	S	S	13.5
1997	4 711.0	3 221.7	710.8	267.9	226.1	218.2	66.3	S	3.1
1996	5 655.7	3 948.2	820.9	230.8	210.6	255.3	188.5	1.5	2.8
1995	6 007.6	4 289.9	821.6	292.4	209.0	244.3	146.8	S	2.5
1994	5 699.8	4 163.9	789.6	243.9	169.1	195.9	130.5	S	2.7
1993	5 028.9	3 630.8	656.0	248.7	146.0	219.6	114.9	12.9	3.0
1992	3 954.7	2 869.8	544.4	209.0	104.2	108.4	107.7	S	3.3
1991	3 988.5	3 099.0	422.9	151.9	80.5	110.2	108.3	S	3.4
1990	3 832.6	2 741.1	627.7	131.8	117.6	98.2	107.6	8.7	3.4
1989	4 298.1	3 199.0	552.1	199.1	116.5	66.8	138.2	26.4	3.3
1988	4 141.2	3 103.9	506.3	201.4	94.2	91.7	128.0	15.8	3.0
Pre-1988	25 289.3	18 436.4	2 923.2	788.6	310.3	348.3	1 613.7	868.8	1.1
Not reported	V	V	V	V	V	V	V	V	N
VEHICLE ACQUISITION									
Purchased new	30 052.9	21 646.2	3 934.9	1 421.9	952.4	1 091.5	887.6	118.3	1.0
Purchased used	37 834.5	27 809.9	4 772.2	1 261.8	687.6	675.7	1 816.1	811.2	.8
Leased from someone else	4 039.3	2 751.8	578.6	254.4	144.8	170.2	131.0	8.5	3.2
Not reported	873.6	607.6	114.4	39.6	21.9	36.6	18.0	35.4	8.1
LEASE CHARACTERISTICS[3 4]									
Leased without driver	775.0	222.5	159.2	108.6	156.1	104.2	19.9	4.5	1.5
Leased with driver other than owner-operator	77.8	27.2	12.8	6.0	9.4	18.1	2.6	1.6	4.4
Leased with owner-operator	194.1	58.8	28.9	16.8	26.8	51.3	7.7	3.8	2.9
Provisions of lease:									
Financing	270.0	94.9	52.4	28.9	38.8	49.4	4.7	.9	2.5
Full maintenance	251.8	57.3	55.1	42.5	48.8	40.9	6.3	.9	2.8
Maintenance on specific parts	25.1	9.6	4.7	2.5	3.5	4.0	.8	S	9.8
Payment of taxes	245.4	56.3	49.6	39.2	44.3	46.9	8.2	.8	2.8
Obtaining licenses and permits	284.6	58.9	54.2	42.7	54.6	65.7	7.2	1.3	2.5
Record keeping for leased trucks	222.7	39.3	46.1	36.4	46.7	47.8	5.9	.4	2.8
Other	40.4	11.7	6.6	3.7	6.9	9.4	1.2	.7	6.0

See footnotes at end of table.

Table 6. **Trucks by Primary Range of Operation: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Primary range of operation							Relative standard error of total (percent)
		Local	Short-range	Short-range medium	Long-range medium	Long-range	Off-the-road	Not reported	
PRIMARY OPERATOR CLASSIFICATION									
Not for hire	71 232.5	52 458.4	9 106.9	2 749.9	1 505.2	1 607.2	2 831.9	973.0	.2
Business use	18 078.8	11 906.4	3 101.0	998.9	502.6	287.5	993.6	288.8	1.3
Personal transportation	51 765.7	39 578.5	5 791.4	1 689.0	974.0	1 263.2	1 793.4	676.2	.5
Mixed—business use/personal transportation	1 388.0	973.5	214.5	62.0	28.6	56.4	44.9	8.0	6.1
For hire	1 059.7	249.1	158.2	122.2	197.3	313.8	18.8	.3	2.4
Motor carrier	696.3	139.4	102.9	73.5	143.7	232.0	4.9	S	1.2
Owner/operator	187.2	30.2	30.2	22.2	38.9	63.5	2.3	S	2.5
Independent	100.7	25.0	22.2	12.6	13.7	25.6	1.6	S	3.6
Leased to a company	86.5	5.2	8.0	9.5	25.1	37.9	.7	V	3.4
Not reported	22.7	3.2	3.7	3.4	3.6	8.2	S	.3	8.8
Daily rental	508.0	108.1	135.1	105.6	104.2	53.0	2.1	V	8.6
Mixed—not for hire/for hire	114.3	51.9	10.6	S	7.1	8.3	S	S	19.8
For-hire jurisdiction:									
Interstate	577.0	45.1	40.0	59.3	150.4	280.4	1.8	S	1.2
Intrastate	184.9	65.0	58.3	33.3	19.5	6.2	2.5	S	2.7
Local	115.6	66.8	35.6	3.4	5.0	1.2	3.6	V	4.7
Not reported	59.5	8.4	7.4	7.4	14.7	20.9	S	.3	4.6
Type of carrier (interstate only):									
Contract	251.9	7.7	12.9	26.7	73.5	130.6	.5	V	1.8
Common	302.2	36.0	23.7	29.4	70.6	141.3	1.2	V	1.9
Exempt	15.9	.9	3.1	2.5	3.5	5.9	S	V	7.7
Not reported	7.7	.5	.3	.8	2.9	3.2	S	V	11.6
Kind of service:									
Truckload	579.8	94.1	72.6	65.5	121.9	219.6	6.1	V	1.2
Less than truckload	283.2	79.6	58.7	29.4	49.1	64.7	1.7	S	2.5
Not reported	73.8	11.5	10.0	8.5	18.6	24.4	.5	.3	4.1
PRIMARY PRODUCTS CARRIED									
Farm products	1 246.5	824.8	160.7	42.7	45.0	42.5	130.8	V	4.9
Live animals	520.3	318.0	81.3	34.0	18.7	23.0	45.3	V	7.2
Animal feed	426.2	280.8	38.6	13.0	6.8	11.1	75.9	V	7.2
Mining products	61.5	30.6	9.4	6.7	4.5	1.0	9.3	V	16.7
Logs and other forest products	213.8	126.3	44.8	14.3	5.4	S	18.2	V	8.0
Lumber and fabricated wood products	541.8	385.3	70.8	43.0	13.9	15.1	13.6	V	7.9
Processed foods	894.9	455.0	181.9	81.2	63.3	95.8	17.7	V	5.0
Textile mill products	323.4	167.6	69.0	20.0	27.9	24.8	14.1	V	9.8
Building materials	1 381.5	949.7	255.1	58.3	26.5	21.3	70.5	V	3.9
Household goods	240.6	96.1	44.8	15.5	66.2	16.5	1.4	V	10.3
Furniture or hardware	240.4	138.6	32.7	29.1	15.2	23.0	1.9	V	9.1
Paper products	337.2	166.9	56.4	24.2	56.2	29.4	S	V	9.7
Chemicals	504.1	287.6	116.8	38.5	17.8	12.3	31.1	V	8.3
Petroleum	236.7	152.4	42.0	20.9	5.3	4.5	11.6	V	5.9
Plastics and/or rubber	116.1	44.2	22.2	17.7	10.6	17.2	4.2	V	12.0
Primary metal products	246.0	130.0	46.0	26.2	21.7	17.4	4.6	V	12.2
Fabricated metal products	341.9	212.1	76.1	24.0	15.5	9.2	4.9	V	12.2
Machinery	900.3	592.5	154.0	56.1	23.2	34.2	40.3	V	6.4
Transportation equipment	482.1	322.8	64.1	30.2	19.8	27.1	18.1	V	6.7
Glass products	67.8	46.7	S	S	2.3	2.3	S	V	31.1
Miscellaneous products of manufacturing	443.7	248.5	70.3	52.5	38.5	32.2	1.6	V	9.6
Industrial "waste" water	6.8	3.7	.8	.7	S	S	.7	V	13.8
Scrap, refuse, or garbage	269.8	195.5	39.7	8.9	2.3	S	20.9	V	9.1
Mixed cargoes	827.4	400.0	164.9	100.1	77.2	62.2	23.0	V	5.3
Craftsman's equipment	3 467.5	2 377.6	682.3	170.8	59.3	54.0	123.5	V	3.5
Recyclable products	71.1	45.9	15.0	3.6	2.9	.8	3.0	V	10.0
Hazardous waste (EPA manifest)	7.5	1.4	1.7	.7	2.1	1.5	S	V	14.4
Hazardous waste (non-EPA manifest)	2.2	1.0	.4	S	S	.3	.3	V	23.7
Personal transportation	50 934.5	39 456.0	5 780.4	1 686.3	974.0	1 263.2	1 774.5	V	.5
Passengers	1 269.5	779.9	248.6	90.6	50.4	38.4	61.7	V	6.1
No load carried	4 866.2	3 340.5	784.5	253.8	127.1	83.2	277.1	V	3.1
Not in use	1 193.1	170.2	13.1	S	S	S	33.1	973.4	6.5
Other	117.9	67.3	19.5	6.5	6.5	2.7	15.4	V	16.4
Not reported	V	V	V	V	V	V	V	V	N
HAZARDOUS MATERIALS CARRIED									
Carrying hazardous materials[2 4]	403.3	123.7	76.8	44.0	70.1	78.5	9.7	.5	1.8
Hazmat placard names:									
Explosives 1.1 (formerly explosive A)	7.2	1.6	S	2.1	S	1.0	.3	V	19.4
Explosives 1.2 (formerly explosive A)	3.8	.4	S	1.5	S	.5	V	V	32.0
Explosives 1.3 (formerly explosive B)	4.5	1.1	.3	1.4	1.0	.5	S	V	12.6
Explosives 1.4 (formerly dangerous)	37.3	8.9	4.3	6.4	10.3	7.1	.3	V	7.2
Explosives 1.5 (formerly blasting agents)	22.7	7.7	2.6	3.0	5.7	3.4	.3	V	9.1
Explosives 1.6 (formerly dangerous)	25.3	6.5	2.5	3.4	7.3	5.6	V	V	8.4
Flammable gas	115.3	43.5	26.0	14.3	15.3	14.1	1.8	S	3.9
Nonflammable gas	83.0	23.2	16.7	11.3	15.1	16.0	.6	S	4.2
Poisonous gas	34.1	9.2	4.6	4.3	7.6	8.0	.3	V	7.0
Flammable	218.0	59.1	39.1	25.1	43.8	46.1	4.6	S	2.5
Combustible	127.5	35.6	21.8	15.9	29.7	22.8	1.7	S	3.3
Flammable solid	65.4	11.8	10.1	10.5	12.4	20.2	.3	V	4.9
Spontaneously combustible (formerly flammable solid)	41.4	8.8	4.2	7.7	10.0	10.4	.2	V	6.2
Dangerous when wet (formerly flammable solid W)	47.4	11.1	4.5	8.4	11.1	12.1	S	V	5.7
Oxidizer	90.8	18.8	13.2	12.8	17.6	27.0	1.4	S	3.8

See footnotes at end of table.

Table 6. **Trucks by Primary Range of Operation: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Primary range of operation							Relative standard error of total (percent)
		Local	Short-range	Short-range medium	Long-range medium	Long-range	Off-the-road	Not reported	
HAZARDOUS MATERIALS CARRIED—Con.									
Hazmat placard names—Con.									
Oxygen	39.0	10.6	7.1	8.2	8.9	3.5	S	S	6.9
Organic peroxide	46.5	11.1	5.3	8.5	10.6	10.8	S	S	5.7
Poison (formerly poisons A and B, solids, and liquids)	70.9	14.9	9.6	9.3	14.5	22.3	.4	V	4.4
Keep away from food	49.6	11.6	5.4	8.8	10.3	13.3	.2	V	5.5
Radioactive	19.2	3.0	2.0	3.5	2.8	7.9	S	V	8.0
Corrosive	159.2	28.5	20.2	17.2	43.1	49.0	1.1	S	2.6
Class 9	53.5	12.5	7.4	5.3	10.5	17.3	.4	S	5.1
Hazardous materials not specified[2]	40.6	6.5	8.3	5.1	11.1	8.5	1.0	S	5.8
No hazardous materials carried	71 182.8	52 041.6	9 170.2	2 836.0	1 635.0	1 832.0	2 784.3	883.7	.2
Not reported	1 214.1	650.2	153.1	97.7	101.6	63.5	58.8	89.2	1.3
TRUCK FLEET SIZE									
1	18 553.6	13 420.2	2 535.7	824.4	419.3	481.7	705.9	166.3	1.4
2 to 5	9 790.0	6 904.6	1 380.3	442.2	192.7	190.2	515.4	164.5	1.9
6 to 9	1 490.4	1 012.2	219.0	77.9	35.8	25.1	103.8	16.6	4.5
10 to 24	1 660.4	1 050.2	323.9	97.6	49.1	37.6	90.2	11.8	4.0
25 to 99	1 479.7	812.8	315.1	133.3	68.8	69.9	71.2	8.7	4.3
100 or more	2 228.9	944.2	453.3	239.3	211.1	247.9	109.6	S	3.8
Not reported	37 597.3	28 671.3	4 172.8	1 162.9	829.9	921.6	1 256.6	582.2	.8
MILES PER GALLON									
Less than 5	582.4	298.6	91.0	36.1	33.1	34.7	48.0	S	4.4
5 to 6.9	1 908.0	801.7	292.5	188.4	225.7	294.2	97.9	7.7	1.0
7 to 8.9	1 391.1	857.9	223.3	98.7	53.9	46.6	102.4	8.3	2.3
9 to 10.9	5 001.3	3 460.9	728.5	194.5	69.0	127.3	336.6	84.6	2.6
11 to 12.9	8 207.1	6 052.0	1 010.0	299.0	143.7	156.2	395.5	150.8	2.3
13 to 14.9	9 353.3	6 835.8	1 254.8	378.2	186.7	196.3	380.5	121.1	2.1
15 or more	45 547.5	34 232.5	5 740.9	1 753.9	1 068.8	1 075.3	1 449.8	226.3	.6
15 to 20.9	34 649.1	26 187.9	4 314.5	1 317.6	797.3	812.5	1 094.3	124.9	.8
21 to 24.9	8 529.2	6 328.8	1 156.0	316.7	189.4	207.0	242.0	89.3	2.3
25 or more	2 369.2	1 715.7	270.4	119.7	82.0	55.8	113.5	S	4.7
Not reported	803.6	270.4	59.1	28.9	26.0	43.4	42.0	333.7	4.0
EQUIPMENT TYPE[4 5]									
Braking system	6 100.0	3 274.5	972.4	441.6	428.4	441.0	374.4	167.7	.3
Hydraulic	1 252.5	848.2	169.0	44.8	19.8	12.8	119.5	38.3	1.3
Hydraulic (power)	1 453.6	933.6	255.4	62.7	66.8	18.3	95.7	21.1	1.2
Air	2 457.4	942.0	446.6	275.8	290.0	366.9	110.3	25.8	.5
Other	78.7	51.5	11.9	3.0	1.3	.4	7.5	3.1	6.3
Not reported	857.8	499.2	89.4	55.2	50.5	42.6	41.4	79.6	2.0
Antilock brakes	29 692.9	21 534.4	4 028.9	1 256.5	948.8	1 054.9	822.2	47.1	.9
Power steering	61 996.8	45 071.3	8 236.8	2 584.0	1 621.7	1 811.3	2 317.5	354.1	.4
Vehicle control aids for handicapped drivers	134.8	86.7	23.1	S	S	S	14.2	S	16.7
Air-conditioning	50 859.6	36 690.3	6 860.5	2 323.9	1 520.4	1 739.8	1 517.9	206.7	.5
Wheelchair lift	161.8	115.9	22.9	S	S	S	S	V	16.5
Engine retarder	831.5	200.8	132.7	101.8	138.6	232.4	19.5	5.7	1.0
Reflective materials	1 182.8	518.3	200.3	106.2	127.8	172.4	50.5	7.2	1.1
Electronic vehicle management system	14 236.7	10 246.3	1 893.6	642.5	503.1	550.6	380.1	20.6	1.6
Electronic vehicle identification device (transponder, etc.)	147.9	18.6	11.0	10.2	32.3	73.7	2.0	S	2.9
Trip recorders/on board computer system	409.1	86.1	59.9	54.6	71.8	130.0	6.2	.6	1.9
Navigational systems	64.9	5.5	4.8	10.1	12.0	31.3	1.1	S	3.9
Airbag(s)[2]	17 904.6	13 075.1	2 324.7	750.0	607.6	706.3	429.3	S	1.4
FUEL CONSERVATION EQUIPMENT[4 5]									
Aerodynamic features	853.0	166.4	126.2	101.6	182.4	266.9	7.4	2.1	1.1
Axle or drive ratio	1 287.4	427.2	225.1	143.4	191.5	264.9	29.9	5.4	1.0
Fuel economy engine	1 508.3	500.4	281.3	175.2	221.2	286.4	37.1	6.6	.9
Radial tires	57 902.7	42 289.7	7 652.6	2 446.5	1 462.0	1 730.8	1 953.6	367.5	.4
Road speed governors	1 451.4	547.1	258.1	139.8	189.4	253.8	53.6	9.7	.9
Variable fan drives	1 303.2	422.6	236.3	154.8	195.8	252.3	32.6	8.7	.9
Other fuel conservation devices	326.7	58.9	45.9	41.5	78.8	95.3	4.8	1.4	2.0
MAINTENANCE[4]									
General maintenance performed by—									
Owner	35 010.0	25 876.6	4 452.3	1 278.8	663.0	739.8	1 591.5	407.9	.8
Company's maintenance facilities	5 012.3	2 774.8	841.6	364.7	297.4	316.7	360.2	56.7	2.4
Dealership's service department	16 051.7	11 943.1	1 870.2	697.1	477.4	642.9	407.9	S	1.5
Leasing company	402.7	233.9	71.4	35.8	26.4	17.7	17.3	S	9.7
Independent garage	25 368.5	18 999.4	3 258.5	1 024.7	569.7	651.1	737.7	127.4	1.1
Component distributorship	726.5	443.3	147.6	41.1	17.0	48.4	28.6	S	8.0
No one	791.2	449.3	94.7	29.1	39.0	S	67.5	89.4	7.6
Other	583.7	386.7	84.3	21.1	11.8	21.3	32.5	S	8.2
Not reported	3 195.4	2 073.0	423.5	147.0	89.8	75.3	69.1	317.6	3.6
Major overhauls performed by—									
Owner	6 305.1	4 535.6	859.7	241.8	74.0	99.7	343.1	151.2	2.5
Company's maintenance facilities	2 370.4	1 303.9	387.3	163.4	178.8	135.9	184.3	16.7	3.8
Dealership's service department	10 178.8	7 394.9	1 204.3	504.8	323.2	457.8	261.6	S	2.0
Leasing company	236.3	134.8	43.1	34.8	10.4	11.0	2.1	S	13.4
Independent garage	14 104.9	10 516.4	1 789.6	554.8	323.8	287.9	528.6	103.9	1.7
Component distributorship	1 504.6	992.5	209.9	80.8	79.5	91.9	45.7	S	5.3
No one	3 945.5	3 058.0	391.1	70.6	106.7	122.4	141.8	54.9	3.2
Other	304.9	212.1	49.4	11.4	9.4	6.6	11.9	S	10.7
Not reported	36 608.2	26 543.0	4 845.4	1 423.8	831.9	910.4	1 415.4	638.3	.8

See footnotes at end of table.

Table 6. **Trucks by Primary Range of Operation: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Primary range of operation							Relative standard error of total (percent)
		Local	Short-range	Short-range medium	Long-range medium	Long-range	Off-the-road	Not reported	
ENGINE TYPE AND SIZE									
Engine	72 800.3	52 815.6	9 400.1	2 977.7	1 806.7	1 974.0	2 852.8	973.4	.2
Gasoline	67 452.6	50 176.6	8 490.9	2 480.5	1 351.1	1 460.9	2 648.7	843.9	.2
Diesel	4 913.3	2 367.4	872.4	484.8	449.8	492.0	187.9	59.1	1.7
Liquefied gas or other	241.1	150.2	29.2	S	S	S	10.3	S	12.3
Not reported	193.2	121.4	7.6	1.9	1.7	6.5	5.9	48.2	10.8
Cylinders[6]	72 800.3	52 815.6	9 400.1	2 977.7	1 806.7	1 974.0	2 852.8	973.4	.2
4	11 040.5	8 516.8	1 338.7	359.1	148.0	106.3	451.9	119.6	2.0
6	32 365.4	23 680.4	3 999.2	1 398.1	992.5	1 093.7	1 010.4	190.9	.8
8	27 067.1	19 125.0	3 825.6	1 149.4	635.4	757.0	1 182.1	392.5	1.0
Other	S	35.7	16.5	S	2.7	V	S	S	S
Not reported	2 265.2	1 457.7	220.0	69.7	28.0	17.1	203.6	269.0	3.8
Cubic inch displacement[7]	72 800.3	52 815.6	9 400.1	2 977.7	1 806.7	1 974.0	2 852.8	973.4	.2
Gasoline engines	67 452.6	50 176.6	8 490.9	2 480.5	1 351.1	1 460.9	2 648.7	843.9	.2
Less than 200	20 016.8	15 534.7	2 352.9	625.6	315.9	302.2	734.3	151.2	1.3
200 to 299	17 628.6	13 420.4	2 081.5	701.5	436.9	411.6	488.6	88.1	1.4
300 to 349	11 834.5	8 621.9	1 694.0	431.7	193.8	246.0	495.2	151.9	1.7
350 to 399	12 959.5	9 287.5	1 686.7	574.4	317.3	355.1	587.7	150.9	1.7
400 or more	2 211.3	1 359.5	424.4	79.1	74.1	128.7	101.6	44.0	4.3
Not reported	2 802.0	1 952.7	251.4	68.2	13.2	17.2	241.3	257.9	3.8
Diesel engines	4 913.3	2 367.4	872.4	484.8	449.8	492.0	187.9	59.1	1.7
Less than 400	1 283.3	798.3	202.8	105.2	81.8	36.2	50.3	8.7	4.6
400 to 599	1 570.8	883.0	333.8	138.9	80.9	61.6	57.2	15.4	3.7
600 to 799	759.9	260.4	119.2	94.8	114.3	149.8	18.6	2.8	1.0
800 or more	742.8	162.4	130.8	103.8	131.3	188.5	17.7	8.4	.9
Not reported	556.5	263.3	85.8	42.1	41.4	56.0	44.1	23.9	1.4
Other engines	241.1	150.2	29.2	S	S	S	10.3	S	12.3
Less than 400	178.8	118.9	13.9	S	S	S	4.0	S	15.4
400 or more	36.5	17.7	S	S	S	S	S	S	26.1
Not reported	25.9	13.6	S	S	S	S	S	S	20.8
Not reported	193.2	121.4	7.6	1.9	1.7	6.5	5.9	48.2	10.8
REFUELING LOCATION									
Central company-owned fueling facility	1 515.4	760.4	278.2	131.6	153.1	71.9	112.9	7.3	1.0
Single contract fueling facility located off-site	315.7	163.2	71.6	38.0	17.2	7.7	16.0	2.0	2.5
Public fueling stations	3 142.0	1 744.3	511.2	210.7	178.7	307.1	166.6	23.5	.6
Other	215.7	104.2	21.3	6.3	9.6	11.9	35.7	26.7	3.0
Not reported	864.8	487.5	82.4	45.6	65.8	40.1	37.7	105.6	1.7
TRUCK TYPE AND AXLE ARRANGEMENT									
Single-unit trucks	70 312.2	51 981.1	8 947.8	2 690.6	1 455.1	1 516.1	2 770.5	951.0	.2
2 axles	69 726.0	51 574.4	8 867.3	2 668.8	1 449.5	1 512.8	2 714.4	938.9	.2
3 axles	475.0	320.9	63.9	18.6	5.0	3.0	51.9	11.8	1.4
4 axles or more	111.2	85.9	16.6	3.2	.6	.3	4.3	.4	2.5
Combinations	2 488.0	834.4	452.4	287.1	351.6	457.9	82.3	22.3	2.1
Single-unit truck with trailer	111.8	57.3	21.3	11.5	5.6	S	6.0	1.7	5.5
4 axles	54.3	30.9	8.1	4.0	2.3	S	2.0	1.1	10.2
5 axles or more	57.5	26.4	13.2	7.5	3.3	2.6	4.0	S	4.6
Single-unit truck with utility trailer	832.4	454.0	167.0	50.4	56.3	57.2	45.2	2.4	6.1
3 axles	288.9	163.7	69.7	8.3	11.2	S	20.4	S	11.7
4 axles	504.6	267.3	91.2	38.7	44.7	38.2	23.5	1.1	7.4
5 axles or more	38.9	23.0	6.1	S	S	S	1.2	S	17.9
Truck-tractor with single trailer	1 438.2	312.7	250.3	203.7	248.7	374.8	30.7	17.3	.5
3 axles	78.0	37.9	20.2	9.3	3.4	2.8	2.7	1.8	4.2
4 axles	211.7	68.9	44.5	30.7	33.8	21.9	8.2	3.7	2.5
5 axles or more	1 148.5	205.9	185.6	163.8	211.5	350.1	19.8	11.8	.6
Truck-tractor with double trailers	101.0	10.2	13.7	21.1	37.4	17.3	.4	S	3.4
5 axles	56.3	4.1	9.1	12.5	20.4	9.9	S	S	5.1
6 axles	24.0	.9	1.5	5.5	11.3	4.4	S	S	7.0
7 axles or more	20.8	5.3	3.1	3.1	5.7	3.1	.2	S	5.6
Truck-tractor with triple trailers	4.5	S	S	S	3.7	.1	S	V	12.7
7 axles	S	V	V	V	S	V	S	V	S
8 axles or more	4.3	S	S	S	3.5	.1	V	V	13.1
Trailer not specified	V	V	V	V	V	V	V	V	N
Powered axles	72 800.3	52 815.6	9 400.1	2 977.7	1 806.7	1 974.0	2 852.8	973.4	.2
1	46 828.5	33 926.4	6 293.7	1 919.2	991.5	1 057.9	1 846.1	793.8	.6
2	25 909.8	18 866.8	3 097.9	1 052.1	807.6	902.1	1 003.8	179.5	1.0
3 or more	62.0	22.3	8.6	6.4	7.6	14.0	3.0	S	3.9
Not reported	V	V	V	V	V	V	V	V	N
CAB TYPE[8]									
Cab forward of engine	181.5	110.4	43.1	7.4	3.0	4.3	10.1	3.2	3.8
Cab over engine	705.8	359.4	140.4	62.1	48.6	54.6	25.3	15.5	1.6
Conventional cab	4 240.4	2 229.3	672.9	315.7	311.6	344.3	292.0	74.6	.4
Cab beside engine	37.6	27.6	4.9	S	.8	.4	2.6	.8	8.6
Other	88.0	58.8	18.4	2.5	1.7	.7	4.6	1.3	5.4
Not reported	800.4	474.3	84.9	44.1	58.6	34.4	34.3	69.8	1.8

See footnotes at end of table.

Table 6. **Trucks by Primary Range of Operation: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Primary range of operation							Relative standard error of total (percent)
		Local	Short-range	Short-range medium	Long-range medium	Long-range	Off-the-road	Not reported	
PICKUPS, PANELS, VANS, SPORT UTILITIES, AND STATION WAGONS									
Total	67 135.6	49 844.3	8 473.1	2 551.1	1 385.0	1 539.6	2 502.2	840.3	.2
Pickups	36 191.8	26 519.7	4 942.1	1 369.7	591.7	597.9	1 570.8	600.0	.3
Minivans	9 837.9	7 644.4	1 001.9	331.6	234.4	285.7	297.3	42.7	1.9
Panels or vans	5 572.7	3 735.3	828.9	295.3	163.3	265.1	186.3	98.5	2.7
Sport utilities	13 762.5	10 630.1	1 497.5	475.5	338.7	315.3	413.3	92.0	1.5
Station wagons	1 770.7	1 314.9	202.7	79.0	56.9	75.6	34.4	S	5.1
Driving wheels	67 135.6	49 844.3	8 473.1	2 551.1	1 385.0	1 539.6	2 502.2	840.3	.2
4-wheel drive	24 109.8	18 210.8	2 822.4	860.0	579.1	563.1	921.5	152.9	1.0
2-wheel drive	43 025.8	31 633.5	5 650.7	1 691.1	805.9	976.4	1 580.7	687.4	.6
Front-wheel drive	13 468.0	10 144.0	1 590.5	473.1	337.3	372.2	518.2	32.9	1.6
Not reported	V	V	V	V	V	V	V	V	N

Note: Some estimates may have high relative standard errors of estimate (RSEs). See Appendix for approximating the RSEs for estimates other than the total. The U.S. estimates may differ from the sum of the state estimates because of rounding.

[1]Includes trucks registered in one state with a mailing address of another state. These trucks were excluded from the 1992 survey.
[2]New or modified data line from 1992.
[3]Lease characteristics include both "leased from" and "leased to" vehicles. Lease provisions apply to a period of 1 year or more.
[4]Detail does not add to total because items were not applicable or multiple responses were possible.
[5]Pickups, panels, vans, minivans, and sport utilities were not requested to report the information shown in the Equipment Type section, except for power steering, antilock brakes, wheelchair lift, vehicle control aids for handicapped drivers, electronic vehicle management system, air-conditioning, and airbag(s). In the Fuel Conservation Equipment section, they reported only radial tires.
[6]Data were derived from administrative records. "Not reported" indicates those trucks for which the cylinders are unknown.
[7]Data were derived from administrative records. "Not reported" indicates those trucks for which the cubic inch displacement is unknown.
[8]Pickups, panels, vans, minivans, and sport utilities are not included.

Table 7. **Trucks by Truck Type: 1997**

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Truck type: Single-unit trucks	Combination: Total	Single-unit truck with trailer	Single-unit truck with utility trailer	Truck-tractor with single trailer	Truck-tractor with double trailers	Truck-tractor with triple trailers	Trailer not specified	Relative standard error of total (percent)
Total trucks	**72 800.3**	**70 312.2**	**2 488.0**	**111.8**	**832.4**	**1 438.2**	**101.0**	**4.5**	**V**	**X**
Relative standard error (percent)	.2	.2	2.1	5.5	6.1	.5	3.4	12.7	V	X
MAJOR USE										
Agriculture	3 377.8	3 096.3	281.4	24.2	128.0	123.8	5.4	S	V	2.9
Forestry and lumbering	276.7	223.3	53.4	3.9	6.6	41.9	.9	S	V	7.1
Mining and quarrying	250.7	211.8	38.8	3.3	S	24.2	.9	S	V	11.1
Construction	6 033.9	5 731.8	302.1	30.9	147.9	120.0	3.3	S	V	2.5
Manufacturing	729.4	617.3	112.0	3.4	7.7	99.1	1.8	V	V	5.4
Wholesale trade	1 264.6	1 110.1	154.5	5.7	10.1	132.1	6.5	S	V	5.0
Retail trade	2 243.8	2 133.0	110.8	5.6	28.8	74.2	2.3	S	V	4.4
For-hire transportation	1 059.4	292.2	767.2	12.3	3.2	673.5	74.1	4.1	V	2.4
Utilities	663.8	621.4	42.4	8.0	26.0	8.3	.1	V	V	7.9
Services	4 233.5	4 039.4	194.0	8.0	102.3	79.2	4.6	V	V	3.3
Daily rental	508.0	463.8	44.2	1.1	S	39.7	.2	V	V	8.6
One-way rental	31.2	30.9	.3	V	V	.3	V	V	V	13.0
Personal transportation	50 934.5	50 573.2	361.3	3.4	355.5	2.3	S	V	V	.5
Other	V	V	V	V	V	V	V	V	V	N
Not in use	1 193.1	1 167.6	25.4	2.0	2.8	19.6	1.0	V	V	6.5
Not reported	V	V	V	V	V	V	V	V	V	N
BODY TYPE										
Pickup	36 191.8	35 658.0	533.9	S	527.9	N	N	N	V	.3
Minivan	9 837.9	9 813.3	24.7	V	24.7	N	N	N	V	1.9
Panel or van	5 572.7	5 529.1	43.6	V	43.6	N	N	N	V	2.7
Utility vehicles[2]	15 533.1	15 458.8	74.4	V	74.4	N	N	N	V	1.3
Sport utility	13 762.5	13 707.4	55.1	V	55.1	N	N	N	V	1.5
Station wagon	1 770.7	1 751.4	19.3	V	19.3	N	N	N	V	5.1
Multistop or stepvan	560.4	553.6	6.8	.8	3.5	2.4	S	V	V	2.4
Platform with added devices	308.2	278.5	29.7	3.9	10.6	15.0	.2	V	V	2.7
Low boy or depressed center	111.1	8.7	102.3	11.4	6.0	83.7	1.0	S	V	3.3
Basic platform	1 176.1	871.7	304.3	27.1	58.8	204.7	13.7	S	V	1.4
Livestock truck	39.1	20.6	18.4	2.4	1.3	14.5	S	V	V	5.7
Insulated nonrefrigerated van	34.5	10.0	24.5	S	S	23.7	S	V	V	6.4
Insulated refrigerated van	234.0	74.4	159.5	2.6	S	153.9	2.2	V	V	2.5
Drop-frame van	54.9	22.2	32.6	S	V	26.9	5.2	V	V	5.3
Open-top van	20.8	5.5	15.3	S	S	13.5	.2	V	V	7.0
Basic enclosed van	1 009.0	386.4	622.6	6.5	6.3	542.7	62.8	4.2	V	1.1
Beverage	70.2	38.6	31.6	S	S	29.1	S	V	V	6.4
Public utility	152.0	127.8	24.1	4.4	19.0	.6	V	V	V	4.2
Winch or crane	55.0	50.0	5.0	1.0	1.0	3.0	V	V	V	5.8
Wrecker	111.9	111.6	.3	V	S	.2	S	V	V	5.1
Pole or logging	55.7	16.0	39.7	4.7	1.7	32.6	.6	S	V	4.1
Auto transport	20.1	8.5	11.6	.5	S	10.8	S	V	V	8.7
Service truck	168.6	163.2	5.4	.5	4.7	S	V	V	V	4.5
Yard tractor	10.8	2.9	7.9	S	S	7.4	S	V	V	14.2
Oilfield truck	26.1	20.1	6.0	1.0	S	4.3	S	V	V	8.4
Grain body	299.1	232.7	66.3	3.3	1.1	58.8	3.1	V	V	2.0
Garbage hauler	91.6	85.4	6.2	.3	.2	5.5	S	V	V	4.0
Dump truck	670.8	511.8	159.0	25.3	37.2	89.8	6.6	S	V	1.6
Tank truck (liquids or gases)	249.4	156.7	92.7	5.5	2.9	82.4	1.8	V	V	2.5
Tank truck (dry bulk)	39.7	14.9	24.8	S	S	22.1	2.0	V	V	5.5
Concrete mixer	73.1	71.8	1.3	S	S	.5	S	V	V	3.4
Other	22.6	9.2	13.4	1.2	S	9.8	S	V	V	10.8
Not reported	V	V	V	V	V	V	V	V	V	N
ANNUAL MILES										
Less than 5,000	13 045.1	12 696.1	349.0	24.4	204.8	115.5	4.2	S	V	1.7
5,000 to 9,999	13 465.5	13 177.0	288.5	22.1	191.9	72.1	2.2	S	V	1.7
10,000 to 19,999	29 974.6	29 588.0	386.6	22.1	238.1	122.0	4.3	S	V	1.0
20,000 to 29,999	10 198.5	9 979.7	218.8	10.8	94.9	106.2	6.7	S	V	2.0
30,000 to 49,999	4 349.9	4 038.8	311.1	13.9	85.5	194.6	17.0	.2	V	3.2
50,000 to 74,999	951.3	670.4	280.9	9.8	14.8	244.8	11.2	S	V	5.6
75,000 or more	815.5	162.3	653.2	8.7	2.4	583.1	55.5	3.5	V	3.0
PRIMARY RANGE OF OPERATION										
Local	52 815.6	51 981.1	834.4	57.3	454.0	312.7	10.2	S	V	.5
Short-range	9 400.1	8 947.8	452.4	21.3	167.0	250.3	13.7	S	V	2.0
Short-range medium	2 977.7	2 690.6	287.1	11.5	50.4	203.7	21.1	S	V	3.7
Long-range medium	1 806.7	1 455.1	351.6	5.6	56.3	248.7	37.4	3.7	V	4.6
Long-range	1 974.0	1 516.1	457.9	S	57.2	374.8	17.3	.1	V	4.6
Off-the-road	2 852.8	2 770.5	82.3	6.0	45.2	30.7	.4	S	V	3.8
Not reported	973.4	951.0	22.3	1.7	2.4	17.3	S	V	V	7.6

See footnotes at end of table.

Table 7. **Trucks by Truck Type: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Truck type: Single-unit trucks	Combination: Total	Single-unit truck with trailer	Single-unit truck with utility trailer	Truck-tractor with single trailer	Truck-tractor with double trailers	Truck-tractor with triple trailers	Trailer not specified	Relative standard error of total (percent)
WEEKS OPERATED										
Less than 1	1 514.3	1 479.8	34.5	2.6	8.4	22.3	1.3	V	V	5.7
1 to 4	1 975.4	1 910.5	64.9	5.5	34.7	23.6	1.1	V	V	4.4
5 to 8	1 900.7	1 803.6	97.1	5.7	56.6	32.9	1.8	S	V	4.4
9 to 12	2 003.9	1 896.0	107.9	3.7	67.1	35.6	1.5	V	V	4.8
13 to 16	1 559.4	1 497.4	61.9	3.2	30.3	27.0	1.3	.2	V	5.5
17 to 20	1 360.0	1 293.0	67.0	2.4	36.8	26.8	.9	V	V	5.8
21 to 24	1 818.1	1 742.4	75.7	7.3	29.2	37.5	1.7	S	V	4.5
25 to 28	2 856.7	2 756.6	100.0	6.2	41.4	49.4	2.6	.3	V	3.8
29 to 32	2 278.6	2 205.9	72.7	5.6	29.9	35.9	1.2	S	V	4.3
33 to 36	2 447.6	2 360.7	86.9	7.1	35.8	42.2	1.7	S	V	4.4
37 to 40	2 357.9	2 232.5	125.4	12.4	44.3	64.6	3.8	S	V	4.3
41 to 44	2 821.2	2 684.5	136.7	8.1	35.7	89.3	3.3	S	V	3.9
45 to 48	5 202.6	4 892.6	310.0	8.1	88.6	208.3	4.9	S	V	2.9
49 to 52	41 370.1	40 314.1	1 055.9	30.2	276.8	677.2	68.8	3.0	V	.7
Not reported	1 332.7	1 241.3	91.4	3.6	16.8	65.6	5.2	S	V	4.9
BASE OF OPERATION										
Percentage of miles traveled outside base-of-operation state:										
Less than 25 percent	58 835.2	57 476.5	1 358.7	79.5	622.9	616.0	40.0	.4	V	.4
25 to 49 percent	3 066.3	2 905.2	161.0	4.3	35.7	114.4	6.6	S	V	3.6
50 to 74 percent	1 966.9	1 743.2	223.7	S	47.2	159.4	9.4	S	V	4.3
75 to 100 percent	1 454.5	1 118.4	336.0	3.5	51.4	265.3	12.4	3.5	V	5.0
No home base	132.3	33.9	98.4	1.4	S	76.4	20.4	S	V	3.1
Not reported	7 060.0	6 757.8	302.2	15.0	74.8	200.1	12.0	S	V	2.4
VEHICLE SIZE										
Light	68 099.9	67 487.2	612.7	11.9	599.4	1.5	V	V	V	.2
Medium	1 435.5	1 250.8	184.7	15.2	153.2	15.9	S	V	V	2.4
Light-heavy	729.3	641.1	88.1	15.8	33.2	36.5	2.6	V	V	1.7
Heavy-heavy	2 535.5	933.1	1 602.4	68.9	46.6	1 384.4	98.0	4.5	V	.5
AVERAGE WEIGHT (POUNDS)										
Less than 6,001	62 798.4	62 459.4	339.1	S	338.5	S	V	V	V	.3
6,001 to 10,000	5 301.5	5 027.8	273.7	11.4	260.9	1.4	V	V	V	2.5
10,001 to 14,000	818.9	706.7	112.2	5.4	102.1	4.7	V	V	V	3.7
14,001 to 16,000	315.9	277.1	38.8	4.3	28.0	6.1	S	V	V	3.5
16,001 to 19,500	300.8	267.1	33.7	5.5	23.1	5.1	S	V	V	4.4
19,501 to 26,000	729.3	641.1	88.1	15.8	33.2	36.5	2.6	V	V	1.7
26,001 to 33,000	427.7	347.5	80.2	8.5	19.0	51.8	.9	V	V	2.1
33,001 to 40,000	256.7	138.0	118.7	10.6	12.0	84.2	8.5	3.4	V	2.3
40,001 to 50,000	399.9	210.6	189.3	9.8	5.1	166.9	7.2	S	V	1.6
50,001 to 60,000	311.4	131.2	180.2	6.7	4.9	153.8	14.9	V	V	1.7
60,001 to 80,000	1 069.8	103.2	966.5	26.1	4.7	882.6	52.6	.6	V	.7
80,001 to 100,000	46.3	2.2	44.0	4.9	.6	34.3	4.1	S	V	3.4
100,001 to 130,000	17.9	.4	17.5	1.9	.4	8.5	6.7	S	V	5.1
130,001 or more	5.9	S	5.9	.4	V	2.4	3.2	V	V	10.3
Not reported	V	V	V	V	V	V	V	V	V	N
TOTAL LENGTH (FEET)										
Less than 20.0	67 826.7	67 820.1	6.6	V	6.6	V	V	V	V	.2
20.0 to 27.9	2 032.0	1 868.8	163.2	2.0	160.9	S	V	V	V	1.5
28.0 to 35.9	1 129.9	542.5	587.4	11.4	560.7	15.2	V	V	V	3.9
36.0 to 40.9	174.5	64.2	110.2	12.2	58.2	39.8	V	V	V	4.3
41.0 to 44.9	97.5	11.6	85.8	17.8	29.6	38.4	V	V	V	7.7
45.0 or more	1 539.7	5.0	1 534.7	68.5	16.3	1 344.4	101.0	4.5	V	.5
Not reported	V	V	V	V	V	V	V	V	V	N
YEAR MODEL										
1998	192.9	159.4	33.5	.6	S	29.9	2.9	V	V	13.5
1997	4 711.0	4 552.7	158.4	4.4	28.6	113.4	11.2	.8	V	3.1
1996	5 655.7	5 459.6	196.1	5.2	39.8	140.5	10.1	.5	V	2.8
1995	6 007.6	5 792.4	215.1	8.3	36.0	156.9	12.9	1.1	V	2.5
1994	5 699.8	5 497.2	202.7	3.5	71.2	119.5	7.7	.8	V	2.7
1993	5 028.9	4 871.6	157.3	3.5	46.1	101.4	6.1	S	V	3.0
1992	3 954.7	3 841.4	113.3	3.4	35.5	69.6	4.6	.3	V	3.3
1991	3 988.5	3 869.5	119.0	5.2	42.6	66.3	4.9	S	V	3.4
1990	3 832.6	3 711.7	120.9	4.7	33.4	74.6	7.9	S	V	3.4
1989	4 298.1	4 151.9	146.3	6.1	55.8	77.8	6.5	V	V	3.3
1988	4 141.2	4 022.2	119.0	9.5	32.6	71.4	5.5	V	V	3.0
Pre-1988	25 289.3	24 382.8	906.5	57.5	410.7	417.1	20.8	.4	V	1.1
Not reported	V	V	V	V	V	V	V	V	V	N

See footnotes at end of table.

Table 7. **Trucks by Truck Type: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Truck type: Single-unit trucks	Combination: Total	Single-unit truck with trailer	Single-unit truck with utility trailer	Truck-tractor with single trailer	Truck-tractor with double trailers	Truck-tractor with triple trailers	Trailer not specified	Relative standard error of total (percent)
VEHICLE ACQUISITION										
Purchased new	30 052.9	29 020.5	1 032.4	38.6	284.7	642.8	64.5	1.8	V	1.0
Purchased used	37 834.5	36 698.7	1 135.8	63.8	513.3	539.4	18.7	.6	V	.8
Leased from someone else	4 039.3	3 738.8	300.5	8.6	31.1	241.2	17.5	2.1	V	3.2
Not reported	873.6	854.2	19.3	.8	S	14.8	.4	S	V	8.1
LEASE CHARACTERISTICS[3 4]										
Leased without driver	775.0	435.8	339.2	9.8	10.5	300.7	16.8	1.4	V	1.5
Leased with driver other than owner-operator	77.8	32.4	45.3	.8	2.3	41.4	.9	V	V	4.4
Leased with owner-operator	194.1	72.7	121.5	3.6	5.2	107.9	4.0	.8	V	2.9
Provisions of lease:										
Financing	270.0	122.8	147.2	4.2	5.5	124.5	11.6	1.4	V	2.5
Full maintenance	251.8	106.3	145.6	3.4	2.4	135.8	3.9	S	V	2.8
Maintenance on specific parts	25.1	12.7	12.4	.2	S	10.6	S	V	V	9.8
Payment of taxes	245.4	105.7	139.7	3.7	1.7	130.9	3.4	S	V	2.8
Obtaining licenses and permits	284.6	106.5	178.1	4.0	2.0	168.8	3.2	S	V	2.5
Record keeping for leased trucks	222.7	81.2	141.5	2.8	2.0	134.6	2.1	S	V	2.8
Other	40.4	15.3	25.1	S	1.5	20.3	2.2	.6	V	6.0
PRIMARY OPERATOR CLASSIFICATION										
Not for hire	71 232.5	69 556.2	1 676.3	98.4	826.0	724.7	26.8	.4	V	.2
Business use	18 078.8	16 801.9	1 276.9	94.2	435.1	720.5	26.7	.4	V	1.3
Personal transportation	51 765.7	51 402.1	363.7	3.5	356.8	3.4	S	V	V	.5
Mixed—business use/personal transportation	1 388.0	1 352.3	35.7	S	34.1	.8	V	V	V	6.1
For hire	1 059.7	292.2	767.5	12.3	3.2	673.8	74.1	4.1	V	2.4
Motor carrier	696.3	124.9	571.5	7.2	.7	492.7	66.9	3.9	V	1.2
Owner/operator	187.2	30.3	157.0	4.3	S	146.0	5.8	S	V	2.5
Independent	100.7	25.0	75.7	3.7	S	67.5	3.5	S	V	3.6
Leased to a company	86.5	5.2	81.3	.6	S	78.4	2.2	S	V	3.4
Not reported	22.7	5.2	17.5	S	S	16.4	1.0	V	V	8.8
Daily rental	508.0	463.8	44.2	1.1	S	39.7	.2	V	V	8.6
Mixed—not for hire/for hire	114.3	95.5	18.9	.8	2.0	15.6	.6	V	V	19.8
For-hire jurisdiction:										
Interstate	577.0	43.4	533.6	3.4	S	474.7	51.1	4.0	V	1.2
Intrastate	184.9	49.7	135.2	6.7	.9	115.5	12.1	S	V	2.7
Local	115.6	68.7	46.8	2.0	S	35.3	9.1	S	V	4.7
Not reported	59.5	8.9	50.6	.2	S	48.4	1.8	S	V	4.6
Type of carrier (interstate only):										
Contract	251.9	9.6	242.3	1.5	S	220.8	16.1	3.6	V	1.8
Common	302.2	32.2	270.0	1.8	S	234.0	33.9	.4	V	1.9
Exempt	15.9	1.4	14.5	S	V	13.9	S	V	V	7.7
Not reported	7.7	.2	7.5	S	V	6.7	.7	V	V	11.6
Kind of service:										
Truckload	579.8	68.9	510.9	10.8	1.4	469.7	25.4	3.6	V	1.2
Less than truckload	283.2	90.8	192.4	1.2	S	144.6	45.8	.4	V	2.5
Not reported	73.8	10.9	62.9	.3	S	59.5	2.8	S	V	4.1
PRIMARY PRODUCTS CARRIED										
Farm products	1 246.5	1 059.7	186.8	14.7	33.0	129.2	9.8	S	V	4.9
Live animals	520.3	411.0	109.3	5.2	69.6	33.7	.8	V	V	7.2
Animal feed	426.2	391.3	34.9	1.8	10.5	21.0	1.5	V	V	7.2
Mining products	61.5	40.6	20.8	1.7	.7	17.3	1.2	V	V	16.7
Logs and other forest products	213.8	146.6	67.2	5.2	13.9	47.1	.9	S	V	8.0
Lumber and fabricated wood products	541.8	470.8	71.1	2.9	16.6	47.8	3.8	V	V	7.9
Processed foods	894.9	635.3	259.5	3.9	4.6	241.6	9.5	V	V	5.0
Textile mill products	323.4	279.4	44.1	S	2.5	40.3	.6	S	V	9.8
Building materials	1 381.5	1 188.4	193.1	25.4	44.9	114.6	8.2	V	V	3.9
Household goods	240.6	209.0	31.6	S	S	26.5	S	V	V	10.3
Furniture or hardware	240.4	208.4	32.0	.8	S	24.3	.4	V	V	9.1
Paper products	337.2	268.9	68.2	.8	S	58.2	3.2	.2	V	9.7
Chemicals	504.1	446.7	57.4	1.5	5.8	48.6	1.5	V	V	8.3
Petroleum	236.7	188.5	48.2	5.3	2.6	39.1	1.3	V	V	5.9
Plastics and/or rubber	116.1	80.2	35.9	1.1	S	25.7	.8	S	V	12.0
Primary metal products	246.0	186.5	59.5	3.2	2.0	53.1	1.2	V	V	12.2
Fabricated metal products	341.9	294.8	47.2	2.1	12.0	31.8	1.3	S	V	12.2
Machinery	900.3	710.6	189.7	14.0	69.4	96.5	9.7	S	V	6.4
Transportation equipment	482.1	403.1	79.1	4.5	18.7	55.7	.3	S	V	6.7
Glass products	67.8	58.9	8.9	S	S	6.3	S	V	V	31.1
Miscellaneous products of manufacturing	443.7	377.0	66.7	1.3	S	52.6	3.4	V	V	9.6
Industrial "waste" water	6.8	4.4	2.4	S	S	2.3	S	V	V	13.8
Scrap, refuse, or garbage	269.8	249.5	20.4	1.1	6.2	12.9	S	V	V	9.1
Mixed cargoes	827.4	620.5	206.9	2.8	S	144.7	38.4	3.7	V	5.3
Craftsman's equipment	3 467.5	3 376.7	90.8	5.2	78.7	6.5	S	V	V	3.5
Recyclable products	71.1	52.0	19.1	S	S	13.5	.6	V	V	10.0
Hazardous waste (EPA manifest)	7.5	2.3	5.1	V	S	5.0	V	V	V	14.4
Hazardous waste (non-EPA manifest)	2.2	1.4	.8	S	V	.7	V	V	V	23.7
Personal transportation	50 934.5	50 573.2	361.3	3.4	355.5	2.3	S	V	V	.5
Passengers	1 269.5	1 251.9	S	V	S	V	V	V	V	6.1

See footnotes at end of table.

Table 7. **Trucks by Truck Type: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Truck type: Single-unit trucks	Combination: Total	Single-unit truck with trailer	Single-unit truck with utility trailer	Truck-tractor with single trailer	Truck-tractor with double trailers	Truck-tractor with triple trailers	Trailer not specified	Relative standard error of total (percent)
PRIMARY PRODUCTS CARRIED—Con.										
No load carried	4 866.2	4 859.8	6.3	S	S	2.3	S	V	V	3.1
Not in use	1 193.1	1 167.6	25.4	2.0	2.8	19.6	1.0	V	V	6.5
Other	117.9	97.3	20.7	S	S	17.6	.2	V	V	16.4
Not reported	V	V	V	V	V	V	V	V	V	N
HAZARDOUS MATERIALS CARRIED										
Carrying hazardous materials[2 4]	403.3	137.9	265.4	6.1	3.2	204.8	47.8	3.5	V	1.8
Hazmat placard names:										
Explosives 1.1 (formerly explosive A)	7.2	3.7	3.4	S	S	1.7	1.5	V	V	19.4
Explosives 1.2 (formerly explosive A)	3.8	S	2.4	V	V	1.1	1.3	V	V	32.0
Explosives 1.3 (formerly explosive B)	4.5	.7	3.8	V	V	2.2	1.6	V	V	12.6
Explosives 1.4 (formerly dangerous)	37.3	5.0	32.3	1.0	S	15.3	15.9	V	V	7.2
Explosives 1.5 (formerly blasting agents)	22.7	4.6	18.0	S	S	9.7	7.9	V	V	9.1
Explosives 1.6 (formerly dangerous)	25.3	S	23.0	S	V	14.3	8.5	V	V	8.4
Flammable gas	115.3	46.8	68.5	1.7	S	44.8	21.7	V	V	3.9
Nonflammable gas	83.0	16.9	66.2	.9	S	43.4	21.3	V	V	4.2
Poisonous gas	34.1	4.0	30.1	S	S	16.9	12.5	V	V	7.0
Flammable	218.0	55.2	162.7	3.9	1.1	123.3	31.1	3.3	V	2.5
Combustible	127.5	32.1	95.4	2.2	S	65.9	23.5	3.3	V	3.3
Flammable solid	65.4	6.3	59.2	S	V	38.1	20.3	V	V	4.9
Spontaneously combustible (formerly flammable solid)	41.4	3.4	38.0	S	V	20.7	16.5	V	V	6.2
Dangerous when wet (formerly flammable solid W)	47.4	4.3	43.1	S	V	25.5	16.9	V	V	5.7
Oxidizer	90.8	9.6	81.2	S	S	59.0	20.8	V	V	3.8
Oxygen	39.0	9.9	29.1	S	S	15.1	13.1	V	V	6.9
Organic peroxide	46.5	3.0	43.5	S	V	24.5	18.3	V	V	5.7
Poison (formerly poisons A and B, solids, and liquids)	70.9	8.3	62.7	S	S	41.9	19.9	V	V	4.4
Keep away from food	49.6	5.0	44.6	S	V	25.9	17.9	V	V	5.5
Radioactive	19.2	1.5	17.7	1.0	V	8.1	8.7	V	V	8.0
Corrosive	159.2	15.6	143.6	1.3	S	108.6	30.2	3.3	V	2.6
Class 9	53.5	6.0	47.5	S	S	36.3	10.3	V	V	5.1
Hazardous materials not specified[2]	40.6	7.7	32.9	.3	S	17.1	15.0	S	V	5.8
No hazardous materials carried	71 182.8	69 171.0	2 011.7	93.4	809.8	1 062.8	45.2	.6	V	.2
Not reported	1 214.1	1 003.3	210.9	12.3	19.5	170.6	8.0	S	V	1.3
TRUCK FLEET SIZE										
1	18 553.6	18 147.1	406.5	24.6	222.5	155.1	4.3	S	V	1.4
2 to 5	9 790.0	9 346.5	443.5	31.8	212.4	193.6	5.8	S	V	1.9
6 to 9	1 490.4	1 345.1	145.3	10.7	40.7	91.2	2.6	V	V	4.5
10 to 24	1 660.4	1 441.1	219.3	10.9	59.7	143.4	5.2	S	V	4.0
25 to 99	1 479.7	1 234.0	245.7	10.8	21.3	204.9	8.6	S	V	4.3
100 or more	2 228.9	1 607.9	621.0	12.8	35.3	503.1	65.9	3.9	V	3.8
Not reported	37 597.3	37 190.7	406.6	10.3	240.4	147.0	8.6	S	V	.8
MILES PER GALLON										
Less than 5	582.4	339.8	242.7	16.2	13.7	200.8	11.8	.3	V	4.4
5 to 6.9	1 908.0	844.6	1 063.4	37.1	51.8	904.3	66.0	4.1	V	1.0
7 to 8.9	1 391.1	1 090.1	301.0	20.6	101.9	162.3	16.2	S	V	2.3
9 to 10.9	5 001.3	4 806.9	194.4	16.5	145.3	32.1	.5	S	V	2.6
11 to 12.9	8 207.1	8 010.5	196.6	5.5	180.6	10.2	S	V	V	2.3
13 to 14.9	9 353.3	9 242.9	110.4	3.1	104.4	2.9	S	V	V	2.1
15 or more	45 547.5	45 314.4	233.1	2.8	222.8	7.5	S	V	V	.6
15 to 20.9	34 649.1	34 436.5	212.6	2.8	202.3	7.5	S	V	V	.8
21 to 24.9	8 529.2	8 508.8	20.5	V	20.5	V	V	V	V	2.3
25 or more	2 369.2	2 369.1	S	V	S	V	V	V	V	4.7
Not reported	803.6	657.1	146.5	10.1	11.9	118.1	6.3	S	V	4.0
EQUIPMENT TYPE[4 5]										
Braking system	6 100.0	4 282.4	1 817.6	107.4	166.5	1 438.2	101.0	4.5	V	.3
Hydraulic	1 252.5	1 164.1	88.4	13.6	47.8	26.9	S	V	V	1.3
Hydraulic (power)	1 453.6	1 346.0	107.6	20.5	56.4	29.2	1.4	V	V	1.2
Air	2 457.4	964.0	1 493.4	64.4	41.7	1 289.4	93.6	4.3	V	.5
Other	78.7	72.1	6.7	S	3.7	1.4	V	V	V	6.3
Not reported	857.8	736.2	121.6	7.4	16.9	91.3	5.9	S	V	2.0
Antilock brakes	29 692.9	29 055.0	638.0	16.0	292.2	295.8	30.5	3.5	V	.9
Power steering	61 996.8	59 854.6	2 142.2	97.4	752.9	1 215.9	71.8	4.1	V	.4
Vehicle control aids for handicapped drivers	134.8	128.6	S	V	S	V	V	V	V	16.7
Air-conditioning	50 859.6	49 155.3	1 704.3	57.5	502.3	1 071.2	69.1	4.2	V	.5
Wheelchair lift	161.8	161.8	V	V	V	V	V	V	V	16.5
Engine retarder	831.5	201.3	630.1	24.0	7.8	553.9	40.9	3.5	V	1.0
Reflective materials	1 182.8	624.1	558.6	24.3	32.4	467.1	31.4	3.5	V	1.1
Electronic vehicle management system	14 236.7	13 752.5	484.2	6.4	121.5	318.6	34.3	3.3	V	1.6
Electronic vehicle identification device (transponder, etc.)	147.9	19.0	128.9	1.5	S	111.5	10.7	3.3	V	2.9
Trip recorders/on board computer system	409.1	113.7	295.3	8.6	4.2	250.0	29.2	3.3	V	1.9
Navigational systems	64.9	8.1	56.8	1.3	S	46.6	8.9	V	V	3.9
Air bag(s)[2]	17 904.6	17 494.8	409.7	9.8	105.2	276.0	15.2	3.5	V	1.4

See footnotes at end of table.

Table 7. **Trucks by Truck Type: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Truck type: Single-unit trucks	Combination: Total	Single-unit truck with trailer	Single-unit truck with utility trailer	Truck-tractor with single trailer	Truck-tractor with double trailers	Truck-tractor with triple trailers	Trailer not specified	Relative standard error of total (percent)
FUEL CONSERVATION EQUIPMENT[4 5]										
Aerodynamic features	853.0	179.9	673.1	11.2	6.4	589.9	61.8	3.8	V	1.1
Axle or drive ratio	1 287.4	527.0	760.4	20.7	19.8	648.7	67.5	3.8	V	1.0
Fuel economy engine	1 508.3	579.2	929.1	35.6	26.9	791.0	72.1	3.6	V	.9
Radial tires	57 902.7	55 862.0	2 040.7	86.3	688.4	1 173.8	88.2	4.1	V	.4
Road speed governors	1 451.4	641.7	809.7	29.5	31.6	689.9	55.1	3.7	V	.9
Variable fan drives	1 303.2	459.4	843.7	30.0	18.9	720.3	70.8	3.8	V	.9
Other fuel conservation devices	326.7	74.7	251.9	4.0	3.2	204.5	36.7	3.5	V	2.0
MAINTENANCE[4]										
General maintenance performed by—										
Owner	35 010.0	34 102.4	907.6	50.2	505.9	339.7	11.6	S	V	.8
Company's maintenance facilities	5 012.3	4 064.1	948.1	39.8	109.2	717.2	78.2	3.8	V	2.4
Dealership's service department	16 051.7	15 766.1	285.7	12.5	108.0	159.5	5.7	V	V	1.5
Leasing company	402.7	340.3	62.4	1.3	S	53.9	1.2	V	V	9.7
Independent garage	25 368.5	24 773.6	595.0	17.5	258.6	292.3	22.9	3.6	V	1.1
Component distributorship	726.5	676.2	50.3	1.0	11.1	37.2	.9	S	V	8.0
No one	791.2	783.6	7.6	.6	S	3.1	S	V	V	7.6
Other	583.7	560.3	23.4	S	S	14.8	S	V	V	8.2
Not reported	3 195.4	2 991.3	204.1	7.9	24.9	165.2	5.8	S	V	3.6
Major overhauls performed by—										
Owner	6 305.1	6 129.2	175.8	8.9	97.2	67.9	1.8	S	V	2.5
Company's maintenance facilities	2 370.4	1 882.5	487.9	20.0	69.4	348.6	49.2	.7	V	3.8
Dealership's service department	10 178.8	9 717.2	461.5	21.8	91.0	325.0	20.4	3.3	V	2.0
Leasing company	236.3	201.2	35.1	.5	.9	32.8	.9	V	V	13.4
Independent garage	14 104.9	13 611.0	493.9	21.4	211.7	248.7	12.0	S	V	1.7
Component distributorship	1 504.6	1 325.7	178.9	4.8	24.1	126.5	20.3	3.2	V	5.3
No one	3 945.5	3 892.9	52.6	2.1	19.5	30.4	.6	V	V	3.2
Other	304.9	293.6	11.2	S	S	7.9	V	V	V	10.7
Not reported	36 608.2	35 770.7	837.5	37.6	370.8	416.2	12.5	.4	V	.8
ENGINE TYPE AND SIZE										
Engine	72 800.3	70 312.2	2 488.0	111.8	832.4	1 438.2	101.0	4.5	V	.2
Gasoline	67 452.6	66 739.8	712.8	27.8	662.7	22.0	.3	V	V	.2
Diesel	4 913.3	3 151.6	1 761.8	82.7	160.8	1 413.1	100.8	4.4	V	1.7
Liquefied gas or other	241.1	236.3	4.8	S	3.8	.9	V	V	V	12.3
Not reported	193.2	184.5	8.6	1.2	5.2	2.2	V	S	V	10.8
Cylinders[6]	72 800.3	70 312.2	2 488.0	111.8	832.4	1 438.2	101.0	4.5	V	.2
4	11 040.5	11 016.9	23.5	.2	21.3	2.0	S	V	V	2.0
6	32 365.4	30 828.4	1 537.0	53.7	168.4	1 221.0	89.7	4.2	V	.8
8	27 067.1	26 387.1	680.0	34.7	604.2	39.7	1.4	V	V	1.0
Other	S	59.2	S	V	S	S	V	V	V	S
Not reported	2 265.2	2 020.7	244.5	23.2	35.8	175.3	9.9	.3	V	3.8
Cubic inch displacement[7]	72 800.3	70 312.2	2 488.0	111.8	832.4	1 438.2	101.0	4.5	V	.2
Gasoline engines	67 452.6	66 739.8	712.8	27.8	662.7	22.0	.3	V	V	.2
Less than 200	20 016.8	19 988.7	28.1	V	28.1	V	V	V	V	1.3
200 to 299	17 628.6	17 564.9	63.6	S	63.4	S	V	V	V	1.4
300 to 349	11 834.5	11 710.4	124.1	S	118.9	S	V	V	V	1.7
350 to 399	12 959.5	12 705.8	253.7	6.7	242.8	4.2	V	V	V	1.7
400 or more	2 211.3	2 031.7	179.7	8.8	163.3	7.3	S	V	V	4.3
Not reported	2 802.0	2 738.4	63.6	7.4	46.2	10.0	S	V	V	3.8
Diesel engines	4 913.3	3 151.6	1 761.8	82.7	160.8	1 413.1	100.8	4.4	V	1.7
Less than 400	1 283.3	1 207.8	75.4	7.6	55.6	12.0	S	V	V	4.6
400 to 599	1 570.8	1 372.0	198.8	18.4	81.7	88.5	10.2	V	V	3.7
600 to 799	759.9	231.7	528.3	14.5	7.9	463.0	39.9	3.0	V	1.0
800 or more	742.8	79.8	663.0	22.9	4.6	598.7	35.6	1.1	V	.9
Not reported	556.5	260.3	296.2	19.4	11.0	250.9	14.7	.3	V	1.4
Other engines	241.1	236.3	4.8	S	3.8	.9	V	V	V	12.3
Less than 400	178.8	177.9	S	S	S	S	V	V	V	15.4
400 or more	36.5	34.0	S	V	S	.4	V	V	V	26.1
Not reported	25.9	24.3	S	S	S	S	V	V	V	20.8
Not reported	193.2	184.5	8.6	1.2	5.2	2.2	V	S	V	10.8
REFUELING LOCATION										
Central company-owned fueling facility	1 515.4	932.2	583.2	27.9	31.2	455.5	64.8	3.8	V	1.0
Single contract fueling facility located off-site	315.7	200.9	114.8	7.3	6.0	96.4	4.8	S	V	2.5
Public fueling stations	3 142.0	2 200.3	941.7	60.3	110.2	749.8	21.1	.3	V	.6
Other	215.7	161.8	53.9	3.3	3.0	43.1	4.6	V	V	3.0
Not reported	864.8	744.6	120.2	8.6	12.4	93.3	5.7	S	V	1.7
POWERED AXLES										
Powered axles	72 800.3	70 312.2	2 488.0	111.8	832.4	1 438.2	101.0	4.5	V	.2
1	46 828.5	45 824.6	1 003.9	58.9	556.2	320.2	68.1	.4	V	.6
2	25 909.8	24 465.1	1 444.7	51.2	275.7	1 081.4	32.3	4.1	V	1.0
3 or more	62.0	22.5	39.4	1.7	S	36.7	.6	V	V	3.9
Not reported	V	V	V	V	V	V	V	V	V	N

See footnotes at end of table.

Table 7. **Trucks by Truck Type: 1997**—Con.

[Thousands. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Truck type									Relative standard error of total (percent)
		Single-unit trucks	Combination								
			Total	Single-unit truck with trailer	Single-unit truck with utility trailer	Truck-tractor with single trailer	Truck-tractor with double trailers	Truck-tractor with triple trailers	Trailer not specified		
CAB TYPE[8]											
Cab forward of engine	181.5	162.7	18.8	1.4	2.7	14.6	S	V	V		3.8
Cab over engine	705.8	465.9	239.9	11.4	9.2	201.1	17.9	.3	V		1.6
Conventional cab	4 240.4	2 808.2	1 432.2	85.4	131.1	1 133.5	78.1	4.0	V		.4
Cab beside engine	37.6	33.6	4.0	.4	1.5	2.0	S	V	V		8.6
Other	88.0	79.1	9.0	1.7	5.4	1.9	V	V	V		5.4
Not reported	800.4	690.3	110.1	7.0	12.9	85.2	4.8	S	V		1.8
PICKUPS, PANELS, VANS, SPORT UTILITIES, AND STATION WAGONS											
Total	67 135.6	66 459.1	676.5	S	670.5	N	N	N	V		.2
Pickups	36 191.8	35 658.0	533.9	S	527.9	N	N	N	V		.3
Minivans	9 837.9	9 813.3	24.7	V	24.7	N	N	N	V		1.9
Panels or vans	5 572.7	5 529.1	43.6	V	43.6	N	N	N	V		2.7
Sport utilities	13 762.5	13 707.4	55.1	V	55.1	N	N	N	V		1.5
Station wagons	1 770.7	1 751.4	19.3	V	19.3	N	N	N	V		5.1
Driving wheels	67 135.6	66 459.1	676.5	S	670.5	N	N	N	V		.2
4-wheel drive	24 109.8	23 851.7	258.1	S	253.0	N	N	N	V		1.0
2-wheel drive	43 025.8	42 607.4	418.4	S	417.4	N	N	N	V		.6
Front-wheel drive	13 468.0	13 346.0	122.0	V	122.0	N	N	N	V		1.6
Not reported	V	V	V	V	V	N	N	N	V		N

Note: Some estimates may have high relative standard errors of estimate (RSEs). See Appendix for approximating the RSEs for estimates other than the total. The U.S. estimates may differ from the sum of the state estimates because of rounding.

[1]Includes trucks registered in one state with a mailing address of another state. These trucks were excluded from the 1992 survey.
[2]New or modified data line from 1992.
[3]Lease characteristics include both "leased from" and "leased to" vehicles. Lease provisions apply to a period of 1 year or more.
[4]Detail does not add to total because items were not applicable or multiple responses were possible.
[5]Pickups, panels, vans, minivans, and sport utilities were not requested to report the information shown in the Equipment Type section, except for power steering, antilock brakes, wheelchair lift, vehicle control aids for handicapped drivers, electronic vehicle management system, air-conditioning, and airbag(s). In the Fuel Conservation Equipment section, they reported only radial tires.
[6]Data were derived from administrative records. "Not reported" indicates those trucks for which the cylinders are unknown.
[7]Data were derived from administrative records. "Not reported" indicates those trucks for which the cubic inch displacement is unknown.
[8]Pickups, panels, vans, minivans, and sport utilities are not included.

Table 8. **Truck Miles by Vehicle Size: 1997**

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of total (percent)
Total trucks	**1 044 235.0**	**896 361.5**	**19 814.9**	**10 128.8**	**117 929.9**	**X**
Relative standard error (percent)	.6	.7	4.4	2.9	.6	X
MAJOR USE						
Agriculture	37 495.4	29 438.3	1 810.1	825.3	5 421.7	4.0
Forestry and lumbering	5 579.8	2 416.3	274.4	163.7	2 725.4	6.8
Mining and quarrying	4 679.3	2 570.8	417.0	66.1	1 625.4	10.0
Construction	108 145.0	93 462.1	3 641.1	1 544.5	9 497.3	3.3
Manufacturing	16 965.8	8 528.8	779.1	546.6	7 111.2	5.2
Wholesale trade	32 462.4	19 319.5	2 143.7	1 376.7	9 622.6	4.7
Retail trade	40 273.7	30 513.9	2 257.7	1 401.4	6 100.7	4.5
For-hire transportation	72 854.9	4 128.5	2 045.3	1 348.2	65 332.9	1.4
Utilities	9 437.6	7 570.5	659.9	400.6	806.6	8.4
Services	71 034.5	60 297.0	2 895.0	1 222.6	6 619.9	3.6
Daily rental	13 067.7	7 769.7	1 274.6	1 031.9	2 991.5	7.9
One-way rental	656.4	S	420.0	150.4	15.4	13.6
Personal transportation	631 346.5	630 052.3	1 188.9	48.9	56.5	.9
Other	V	V	V	V	V	N
Not in use	236.0	223.3	8.2	1.9	2.7	14.7
Not reported	V	V	V	V	V	N
BODY TYPE						
Pickup	453 721.0	450 490.3	3 230.7	V	V	1.1
Minivan	146 899.6	146 768.3	S	V	V	2.3
Panel or van	71 414.5	70 820.9	S	S	V	3.6
Utility vehicles[2]	214 836.2	214 617.2	219.0	V	V	1.7
Sport utility	190 521.1	190 322.8	198.3	V	V	1.9
Station wagon	24 315.1	24 294.4	S	V	V	5.9
Multistop or stepvan	9 428.6	4 883.6	4 027.8	303.2	214.0	3.2
Platform with added devices	3 670.1	471.5	864.5	638.8	1 695.2	4.0
Low boy or depressed center	2 708.6	53.3	73.5	131.2	2 450.5	5.3
Basic platform	22 383.8	3 449.8	3 137.8	1 556.3	14 239.8	1.8
Livestock truck	1 037.3	12.0	63.2	43.3	918.8	7.7
Insulated nonrefrigerated van	2 575.8	57.4	36.7	65.6	2 416.1	5.3
Insulated refrigerated van	16 363.0	153.5	610.1	492.2	15 107.1	2.4
Drop-frame van	2 357.5	40.1	133.1	229.4	1 954.8	6.6
Open-top van	1 032.9	5.7	9.3	S	995.1	8.7
Basic enclosed van	55 849.4	1 564.2	2 593.7	4 044.0	47 647.5	1.2
Beverage	1 244.7	44.6	131.1	237.8	831.2	7.1
Public utility	1 669.0	582.0	427.4	323.4	336.1	5.5
Winch or crane	808.1	26.1	61.7	114.8	605.5	7.1
Wrecker	1 737.3	416.6	1 068.7	156.1	95.9	7.0
Pole or logging	2 158.8	S	28.1	65.5	2 047.6	4.9
Auto transport	915.3	13.5	95.2	16.1	790.5	9.7
Service truck	2 263.8	1 235.2	771.1	154.1	103.3	5.2
Yard tractor	113.8	S	S	S	82.0	26.1
Oilfield truck	440.7	36.7	51.8	18.0	334.3	10.6
Grain body	2 772.5	17.1	92.4	154.4	2 508.6	4.0
Garbage hauler	2 307.0	19.3	137.3	98.4	2 052.0	5.0
Dump truck	11 369.6	476.0	719.7	650.3	9 523.7	2.0
Tank truck (liquids or gases)	8 604.6	48.4	369.9	528.6	7 657.6	3.1
Tank truck (dry bulk)	1 855.3	S	S	28.2	1 807.4	6.6
Concrete mixer	1 126.4	S	S	19.9	1 097.0	4.0
Other	570.0	33.4	S	33.6	418.3	12.6
Not reported	V	V	V	V	V	N
ANNUAL MILES						
Less than 5,000	25 234.7	23 264.1	681.9	470.4	818.3	2.2
5,000 to 9,999	93 905.6	89 952.6	1 598.5	737.9	1 616.7	1.7
10,000 to 19,999	399 709.0	387 583.5	5 533.9	1 869.4	4 722.3	1.0
20,000 to 29,999	229 681.6	218 092.3	4 159.7	1 676.3	5 753.4	2.0
30,000 to 49,999	151 776.0	132 838.7	4 396.9	2 508.4	12 032.0	3.2
50,000 to 74,999	54 517.4	32 472.9	2 099.5	1 379.2	18 565.8	5.4
75,000 or more	89 410.6	12 157.4	1 344.5	1 487.3	74 421.4	2.8
PRIMARY RANGE OF OPERATION						
Local	657 762.1	625 964.2	9 569.4	4 364.7	17 863.8	.8
Short-range	172 748.5	149 148.1	4 371.1	2 997.4	16 231.9	2.5
Short-range medium	68 171.6	49 454.4	2 002.8	1 085.8	15 628.7	3.8
Long-range medium	53 373.3	24 722.6	2 268.9	894.9	25 486.9	3.4
Long-range	65 998.7	22 869.1	1 045.0	530.8	41 553.8	2.6
Off-the-road	26 180.8	24 203.1	557.6	255.3	1 164.8	5.9
Not reported	V	V	V	V	V	N

See footnotes at end of table.

Table 8. **Truck Miles by Vehicle Size: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of total (percent)
WEEKS OPERATED						
Less than 1	289.4	256.9	17.9	5.9	8.7	23.4
1 to 4	5 023.9	4 579.6	161.1	107.4	175.9	7.8
5 to 8	9 388.8	8 282.0	230.2	148.0	728.6	7.6
9 to 12	14 407.2	12 877.6	308.3	206.2	1 015.1	7.8
13 to 16	12 817.0	11 325.6	244.6	229.9	1 016.8	6.8
17 to 20	12 899.7	11 166.2	354.1	129.2	1 250.1	7.1
21 to 24	19 529.1	16 891.6	442.4	250.0	1 945.1	5.4
25 to 28	32 711.8	29 023.1	450.7	321.5	2 916.4	4.4
29 to 32	29 007.3	25 221.8	753.4	526.0	2 506.2	4.5
33 to 36	31 160.8	26 952.5	813.9	255.9	3 138.5	5.4
37 to 40	33 004.5	26 501.2	946.7	365.8	5 190.8	5.5
41 to 44	42 458.0	33 183.2	1 272.3	471.5	7 530.9	3.9
45 to 48	86 855.7	65 515.7	1 928.5	1 512.3	17 899.3	2.8
49 to 52	695 315.8	611 028.4	11 336.7	5 204.4	67 746.4	.9
Not reported	19 344.2	13 534.4	554.0	394.6	4 861.1	5.7
BASE OF OPERATION						
Percentage of miles traveled outside base-of-operation state:						
Less than 25 percent	782 869.0	723 146.5	13 847.6	6 547.9	39 326.9	.8
25 to 49 percent	56 285.7	45 362.6	758.5	1 004.4	9 160.1	3.5
50 to 74 percent	43 760.0	27 527.9	1 114.0	455.4	14 662.7	3.9
75 to 100 percent	47 440.6	17 503.1	872.4	420.1	28 645.0	3.2
No home base	10 999.2	38.6	466.5	85.4	10 408.8	3.2
Not reported	102 880.5	82 782.7	2 756.0	1 615.6	15 726.3	2.6
AVERAGE WEIGHT (POUNDS)						
Less than 6,001	821 915.3	821 915.3	N	N	N	.7
6,001 to 10,000	74 446.2	74 446.2	N	N	N	3.8
10,001 to 14,000	11 501.5	N	11 501.5	N	N	6.3
14,001 to 16,000	3 951.2	N	3 951.2	N	N	4.8
16,001 to 19,500	4 362.2	N	4 362.2	N	N	10.2
19,501 to 26,000	10 128.8	N	N	10 128.8	N	2.9
26,001 to 33,000	7 092.0	N	N	N	7 092.0	3.6
33,001 to 40,000	6 594.0	N	N	N	6 594.0	3.1
40,001 to 50,000	13 078.1	N	N	N	13 078.1	2.4
50,001 to 60,000	12 652.5	N	N	N	12 652.5	2.4
60,001 to 80,000	74 723.5	N	N	N	74 723.5	.9
80,001 to 100,000	2 427.0	N	N	N	2 427.0	4.2
100,001 to 130,000	1 050.7	N	N	N	1 050.7	6.4
130,001 or more	311.8	N	N	N	311.8	11.7
Not reported	V	V	V	V	V	N
TOTAL LENGTH (FEET)						
Less than 20.0	894 155.7	883 339.9	8 267.2	1 450.4	1 098.3	.7
20.0 to 27.9	25 529.1	6 567.0	7 687.8	4 151.7	7 122.6	2.1
28.0 to 35.9	18 151.6	6 002.6	2 938.3	2 967.9	6 242.7	5.0
36.0 to 40.9	3 203.7	196.5	435.2	407.3	2 164.6	4.6
41.0 to 44.9	2 004.7	215.3	188.5	178.4	1 422.5	7.0
45.0 or more	101 188.5	40.1	297.8	973.0	99 877.5	.7
Not reported	V	V	V	V	V	N
YEAR MODEL						
1998	3 660.3	1 409.8	53.3	132.9	2 064.3	8.5
1997	81 967.3	67 529.9	1 112.1	733.9	12 591.5	2.9
1996	108 760.0	89 844.2	1 737.0	820.5	16 358.2	2.9
1995	119 211.3	97 741.9	2 710.4	1 354.3	17 404.8	2.9
1994	102 191.7	87 062.2	2 137.4	817.1	12 175.0	2.9
1993	87 956.4	76 523.2	1 257.1	718.4	9 457.7	3.2
1992	67 133.6	59 223.2	949.2	638.8	6 322.4	3.8
1991	62 124.8	55 187.0	902.4	634.6	5 400.7	3.8
1990	58 874.8	51 169.4	1 384.3	517.1	5 803.9	3.7
1989	64 779.7	57 554.6	1 011.7	422.9	5 790.7	4.1
1988	54 770.9	48 222.6	1 089.1	478.2	4 981.0	3.5
Pre-1988	232 804.1	204 893.5	5 470.9	2 860.0	19 579.7	1.7
Not reported	V	V	V	V	V	N
VEHICLE ACQUISITION						
Purchased new	472 818.3	395 137.6	10 010.8	5 500.0	62 169.9	1.2
Purchased used	472 455.5	430 356.8	7 808.0	3 411.4	30 879.3	1.2
Leased from someone else	86 498.7	59 655.8	1 829.0	1 136.9	23 877.1	2.8
Not reported	12 462.4	11 211.3	167.1	80.4	1 003.6	9.7

See footnotes at end of table.

Table 8. **Truck Miles by Vehicle Size: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of total (percent)
LEASE CHARACTERISTICS[3 4]						
Leased without driver	36 281.9	1 475.3	3 525.8	2 931.4	28 349.5	1.6
Leased with driver other than owner-operator	3 999.0	126.3	130.0	126.2	3 616.5	4.5
Leased with owner-operator	9 856.0	289.2	392.2	174.2	9 000.4	3.0
Provisions of lease:						
Financing	14 874.8	659.0	910.3	507.9	12 797.6	2.6
Full maintenance	14 007.0	319.7	841.8	979.7	11 865.8	2.7
Maintenance on specific parts	1 271.8	48.0	120.6	18.7	1 084.5	10.0
Payment of taxes	13 895.5	477.3	865.9	848.1	11 704.2	2.7
Obtaining licenses and permits	17 221.9	377.6	919.5	857.8	15 066.9	2.4
Record keeping for leased trucks	13 584.8	274.9	637.8	823.4	11 848.6	2.7
Other	2 210.2	55.0	138.9	116.3	1 900.0	6.8
PRIMARY OPERATOR CLASSIFICATION						
Not for hire	958 312.4	884 463.3	16 495.0	7 748.7	49 605.4	.6
Business use	307 717.4	235 432.4	15 074.6	7 680.0	49 530.5	1.6
Personal transportation	631 525.8	630 229.9	1 190.0	49.3	56.5	.9
Mixed—business use/personal transportation	19 069.2	18 801.0	230.5	S	18.3	6.5
For hire	72 854.9	4 128.5	2 045.3	1 348.2	65 333.0	1.4
Motor carrier	52 512.9	644.5	1 111.1	983.0	49 774.3	1.2
Owner/operator	13 142.3	62.8	289.7	275.6	12 514.2	2.6
Independent	5 832.9	62.3	223.4	180.1	5 367.1	3.9
Leased to a company	7 309.3	S	66.2	95.5	7 147.1	3.7
Not reported	1 598.8	S	S	41.6	1 433.0	9.2
Daily rental	13 067.7	7 769.7	1 274.6	1 031.9	2 991.5	7.9
Mixed—not for hire/for hire	2 942.2	1 543.9	46.6	S	1 335.8	16.7
For-hire jurisdiction:						
Interstate	51 788.4	159.0	542.1	527.3	50 560.0	1.2
Intrastate	9 172.2	167.0	352.8	438.7	8 213.6	3.1
Local	3 283.0	395.1	483.8	296.3	2 107.9	5.0
Not reported	4 702.2	S	141.7	85.9	4 425.1	4.8
Type of carrier (interstate only):						
Contract	24 455.5	42.6	145.7	208.5	24 058.7	1.8
Common	25 314.8	116.4	378.7	275.8	24 543.9	1.9
Exempt	1 397.8	V	S	S	1 374.9	8.7
Not reported	685.8	V	S	S	647.7	12.8
Kind of service:						
Truckload	46 815.6	141.7	505.9	422.7	45 745.4	1.3
Less than truckload	16 471.9	563.8	858.5	758.2	14 291.5	2.5
Not reported	5 656.4	63.5	156.1	167.3	5 269.5	4.4
PRIMARY PRODUCTS CARRIED						
Farm products	17 070.5	7 266.5	878.1	532.1	8 393.8	5.6
Live animals	8 392.3	5 306.0	701.3	190.0	2 194.9	8.4
Animal feed	5 709.5	3 467.6	281.2	80.7	1 879.9	8.4
Mining products	1 917.7	374.8	30.0	21.7	1 491.3	10.6
Logs and other forest products	4 905.8	1 310.4	205.0	206.6	3 183.8	7.1
Lumber and fabricated wood products	12 284.3	7 531.6	410.1	597.3	3 745.2	9.8
Processed foods	29 822.7	7 548.3	1 328.6	1 020.2	19 925.6	2.8
Textile mill products	8 511.1	4 189.6	513.4	214.8	3 593.3	6.9
Building materials	27 060.3	12 567.4	1 306.4	884.0	12 302.5	6.1
Household goods	5 520.9	1 746.2	1 396.9	884.6	1 493.1	7.7
Furniture or hardware	5 675.4	2 688.9	552.2	259.3	2 175.1	8.2
Paper products	11 720.6	5 490.9	331.0	417.1	5 481.6	6.9
Chemicals	11 640.0	6 928.5	387.4	202.7	4 121.4	7.5
Petroleum	6 059.8	1 220.1	336.2	490.1	4 013.4	5.4
Plastics and/or rubber	3 728.7	1 212.1	239.6	147.6	2 129.4	8.9
Primary metal products	7 632.3	2 888.2	432.5	179.3	4 132.3	9.2
Fabricated metal products	7 259.1	4 329.8	390.2	203.7	2 335.4	9.8
Machinery	18 941.7	11 386.2	1 574.8	399.0	5 581.6	7.3
Transportation equipment	11 301.9	5 309.7	1 792.7	441.6	3 757.8	7.3
Glass products	1 507.8	919.4	42.1	S	532.4	21.7
Miscellaneous products of manufacturing	11 061.6	6 121.3	450.5	256.5	4 233.3	7.3
Industrial "waste" water	228.0	S	S	S	186.4	17.4
Scrap, refuse, or garbage	4 340.8	1 181.2	343.8	203.0	2 612.8	8.1
Mixed cargoes	28 129.9	10 808.4	1 783.2	1 167.0	14 371.3	4.0
Craftsman's equipment	58 043.1	54 940.5	1 939.9	442.0	720.6	4.2
Recyclable products	1 693.4	487.0	82.0	105.5	1 018.9	11.8
Hazardous waste (EPA manifest)	465.8	S	S	S	436.1	16.9
Hazardous waste (non-EPA manifest)	82.7	S	S	S	59.0	27.0
Personal transportation	631 346.5	630 052.3	1 188.9	48.9	56.5	.9
Passengers	21 297.7	21 137.9	150.1	S	S	7.6
No load carried	77 757.6	76 703.2	535.9	245.3	273.2	3.7
Not in use	236.0	223.3	8.2	1.9	2.7	14.7
Other	2 889.7	984.5	165.1	248.3	1 491.8	11.5
Not reported	V	V	V	V	V	N

See footnotes at end of table.

Table 8. **Truck Miles by Vehicle Size: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of total (percent)
HAZARDOUS MATERIALS CARRIED[5]						
Carrying hazardous materials[2 4]	24 787.3	303.4	528.5	941.1	23 014.4	1.9
Hazmat placard names:						
Explosives 1.1 (formerly explosive A)	57.9	S	2.6	S	46.2	26.2
Explosives 1.2 (formerly explosive A)	S	V	S	S	26.5	S
Explosives 1.3 (formerly explosive B)	29.9	V	S	S	27.1	41.9
Explosives 1.4 (formerly dangerous)	120.1	S	S	3.7	107.9	13.4
Explosives 1.5 (formerly blasting agents)	86.6	S	S	3.1	82.1	20.3
Explosives 1.6 (formerly dangerous)	86.1	S	S	1.6	82.9	18.3
Flammable gas	1 453.5	S	139.1	257.2	989.7	6.2
Nonflammable gas	730.5	15.9	41.6	44.0	629.0	8.9
Poisonous gas	101.0	S	S	S	95.8	14.3
Flammable	3 860.7	62.3	88.8	177.2	3 532.5	4.0
Combustible	1 791.9	3.0	27.1	95.4	1 666.3	4.7
Flammable solid	237.4	1.1	S	3.2	231.9	10.2
Spontaneously combustible (formerly flammable solid)	168.7	V	S	.8	167.4	20.3
Dangerous when wet (formerly flammable solid W)	160.6	S	S	1.6	156.7	12.1
Oxidizer	478.8	S	7.5	22.7	448.0	8.0
Oxygen	199.8	S	22.3	5.3	149.2	13.0
Organic peroxide	123.5	V	S	1.1	121.9	11.3
Poison (formerly poisons A and B, solids, and liquids)	287.9	6.8	S	23.3	255.6	11.5
Keep away from food	177.4	S	S	6.0	163.1	13.9
Radioactive	78.7	S	V	S	70.7	21.0
Corrosive	2 105.3	7.7	45.6	43.9	2 008.1	4.5
Class 9	596.0	S	S	6.9	578.7	9.3
Hazardous materials not specified[2]	2 734.5	S	11.4	15.8	2 653.4	5.9
No hazardous materials carried	996 245.3	889 773.3	16 257.8	7 463.1	82 751.1	.6
Not reported	23 202.3	6 284.8	3 028.5	1 724.6	12 164.3	1.9
TRUCK FLEET SIZE						
1	259 501.0	244 178.7	3 192.3	989.8	11 140.2	1.8
2 to 5	136 934.5	118 105.2	4 473.0	2 064.7	12 291.6	2.6
6 to 9	25 369.3	16 567.7	1 928.7	852.8	6 020.2	4.9
10 to 24	35 201.9	20 981.1	2 315.1	1 172.9	10 732.8	4.3
25 to 99	38 165.6	17 613.2	1 811.0	1 113.9	17 627.6	3.6
100 or more	78 125.8	23 387.3	2 407.7	2 712.5	49 618.2	2.3
Not reported	470 936.9	455 528.3	3 687.1	1 222.3	10 499.2	1.2
MILES PER GALLON						
Less than 5	14 865.0	246.4	435.0	421.4	13 762.3	1.9
5 to 6.9	85 014.6	1 574.8	1 946.9	2 000.2	79 492.7	.8
7 to 8.9	25 757.0	5 764.3	3 486.1	3 221.7	13 284.9	2.5
9 to 10.9	56 385.2	47 012.6	4 603.4	2 167.1	2 602.1	3.6
11 to 12.9	95 166.3	90 697.5	3 130.9	562.3	775.6	3.1
13 to 14.9	118 154.6	116 281.5	1 358.6	245.5	269.1	2.7
15 or more	637 416.7	633 547.1	3 120.7	288.3	460.6	1.0
15 to 20.9	483 885.0	480 031.9	3 104.2	288.3	460.6	1.2
21 to 24.9	121 513.4	121 496.9	S	V	V	2.9
25 or more	32 018.3	32 018.3	V	V	V	6.2
Not reported	11 436.8	1 198.6	1 733.2	1 222.3	7 282.6	3.1
EQUIPMENT TYPE[4 6]						
Braking system	161 694.6	17 937.6	15 698.3	10 128.8	117 929.9	.5
Hydraulic	13 993.0	5 442.9	4 599.4	1 859.5	2 091.1	2.2
Hydraulic (power)	19 229.7	6 008.9	7 073.4	3 138.6	3 008.7	1.8
Air	112 645.0	701.3	1 670.0	4 108.4	106 165.4	.6
Other	1 018.0	361.5	365.4	142.9	148.2	8.0
Not reported	14 808.9	5 423.0	1 990.1	879.4	6 516.4	2.7
Antilock brakes	489 496.9	452 778.8	5 291.0	1 048.7	30 378.5	1.2
Power steering	922 545.7	794 715.4	15 541.9	8 528.0	103 760.4	.7
Vehicle control aids for handicapped drivers	2 400.8	2 354.7	S	V	V	25.2
Air-conditioning	807 347.9	698 639.2	9 451.3	4 666.8	94 590.7	.8
Wheelchair lift	2 158.6	2 158.6	V	V	V	21.2
Engine retarder	55 246.5	317.4	916.5	668.8	53 343.7	1.1
Reflective materials	50 555.8	1 870.2	2 986.1	2 271.5	43 428.1	1.2
Electronic vehicle management system	247 920.4	211 258.0	1 813.3	416.8	34 432.3	1.7
Electronic vehicle identification device (transponder, etc.)	13 134.2	51.2	146.2	78.0	12 858.8	2.8
Trip recorders/on board computer system	28 440.0	740.5	806.8	411.2	26 481.5	1.7
Navigational systems	5 769.0	5.4	56.9	114.5	5 592.3	4.3
Airbag(s)[2]	305 743.4	277 705.8	1 619.8	318.1	26 099.8	1.5
FUEL CONSERVATION EQUIPMENT[4 6]						
Aerodynamic features	62 997.8	791.3	1 392.3	1 244.3	59 569.9	1.1
Axle or drive ratio	71 247.1	2 061.4	2 864.2	2 310.7	64 010.8	1.0
Fuel economy engine	82 709.3	1 576.4	3 415.8	3 035.6	74 681.5	.9
Radial tires	866 737.1	745 478.7	14 251.5	7 073.3	99 933.5	.7
Road speed governors	71 638.3	1 034.7	2 572.2	3 289.0	64 742.4	1.0
Variable fan drives	72 215.0	1 262.1	2 210.3	1 936.2	66 806.3	1.0
Other fuel conservation devices	24 915.7	303.3	582.8	413.1	23 616.6	1.9

See footnotes at end of table.

Table 8. **Truck Miles by Vehicle Size: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of total (percent)
MAINTENANCE[4]						
General maintenance performed by—						
Owner	450 496.4	418 565.2	6 171.1	1 980.5	23 779.6	1.3
Company's maintenance facilities	126 892.1	50 216.7	6 417.7	3 245.3	67 012.3	1.9
Dealership's service department	244 182.2	224 644.5	3 236.3	1 224.9	15 076.5	1.7
Leasing company	10 965.9	5 379.8	199.4	836.0	4 550.6	7.5
Independent garage	375 861.8	343 557.8	5 290.4	2 782.0	24 231.6	1.4
Component distributorship	13 846.9	9 622.0	252.4	161.7	3 810.8	7.1
No one	8 469.8	8 241.8	26.9	14.3	186.8	9.9
Other	8 168.6	7 083.9	16.0	53.9	1 014.8	8.8
Not reported	44 791.0	29 307.9	2 206.0	1 466.9	11 810.3	3.7
Major overhauls performed by—						
Owner	66 913.2	60 400.2	1 697.8	331.1	4 484.2	3.4
Company's maintenance facilities	58 767.4	20 600.3	4 273.9	2 042.8	31 850.4	3.1
Dealership's service department	181 013.1	144 112.7	3 291.5	1 617.6	31 991.3	2.0
Leasing company	6 645.9	3 157.0	111.0	713.2	2 664.8	9.0
Independent garage	204 012.6	180 550.9	3 924.5	2 205.7	17 331.5	2.2
Component distributorship	34 203.6	19 526.6	694.9	423.5	13 558.6	4.8
No one	51 607.1	49 153.6	292.7	151.0	2 009.8	4.1
Other	4 143.2	3 541.9	28.1	25.3	547.8	12.2
Not reported	491 077.6	450 958.2	7 197.3	3 301.2	29 620.8	1.1
ENGINE TYPE AND SIZE						
Engine	1 044 235.0	896 361.5	19 814.9	10 128.8	117 929.9	.6
Gasoline	876 745.8	864 814.1	8 553.5	2 127.9	1 250.3	.7
Diesel	162 992.7	28 721.3	10 389.6	7 499.4	116 382.4	1.1
Liquefied gas or other	2 791.3	2 177.7	282.5	194.9	136.2	13.3
Not reported	1 705.2	648.3	589.3	306.6	161.0	9.8
Cylinders[7]	1 044 235.0	896 361.5	19 814.9	10 128.8	117 929.9	.6
4	147 961.5	146 226.0	1 464.2	94.0	177.3	2.8
6	543 949.4	426 409.9	4 264.6	5 946.3	107 328.6	1.0
8	335 181.0	316 516.6	12 937.6	3 077.0	2 649.8	1.5
Other	S	1 046.8	S	S	S	S
Not reported	16 000.8	6 162.2	1 063.8	1 007.2	7 767.7	4.0
Cubic inch displacement[8]	1 044 235.0	896 361.5	19 814.9	10 128.8	117 929.9	.6
Gasoline engines	876 745.8	864 814.1	8 553.5	2 127.9	1 250.3	.7
Less than 200	271 229.1	270 931.2	295.7	S	V	1.9
200 to 299	259 373.5	258 658.5	660.5	45.4	9.2	1.7
300 to 349	148 763.9	148 343.9	389.4	17.4	13.2	2.5
350 to 399	160 697.1	155 777.9	3 623.8	892.5	403.0	2.2
400 or more	23 020.8	19 425.3	2 744.6	509.0	341.9	5.5
Not reported	13 661.4	11 677.3	839.7	661.4	483.1	6.0
Diesel engines	162 992.7	28 721.3	10 389.6	7 499.4	116 382.4	1.1
Less than 400	22 296.4	15 122.2	4 013.7	1 947.4	1 213.1	4.9
400 to 599	30 962.3	13 442.7	5 739.9	4 240.7	7 539.0	4.4
600 to 799	44 584.2	S	189.7	598.0	43 744.2	1.3
800 or more	48 059.8	S	105.3	220.1	47 720.9	1.2
Not reported	17 090.1	90.8	341.0	493.1	16 165.2	2.1
Other engines	2 791.3	2 177.7	282.5	194.9	136.2	13.3
Less than 400	1 999.4	1 755.0	159.7	70.8	13.9	13.6
400 or more	S	S	113.2	103.0	107.0	S
Not reported	83.2	S	9.6	21.1	15.3	25.8
Not reported	1 705.2	648.3	589.3	306.6	161.0	9.8
REFUELING LOCATION						
Central company-owned fueling facility	49 156.6	2 185.3	3 157.1	2 578.9	41 235.2	1.2
Single contract fueling facility located off-site	9 895.6	786.0	933.4	1 441.4	6 734.8	3.0
Public fueling stations	84 014.3	9 409.2	9 244.5	4 980.2	60 380.4	.8
Other	3 637.7	162.6	181.3	228.7	3 065.0	4.9
Not reported	14 424.0	5 024.4	2 071.6	899.5	6 428.6	2.5
TRUCK TYPE AND AXLE ARRANGEMENT						
Single-unit trucks	929 378.0	888 558.9	17 069.0	8 476.3	15 273.8	.7
2 axles	919 231.4	888 483.5	16 838.3	8 122.5	5 787.2	.7
3 axles	7 186.8	65.5	226.8	345.9	6 548.6	2.3
4 axles or more	2 959.7	S	3.9	8.0	2 938.0	3.1
Combinations	114 857.0	7 802.6	2 745.9	1 652.5	102 656.0	1.0
Single-unit truck with trailer	2 736.6	140.7	165.6	200.3	2 230.0	5.9
4 axles	841.8	136.3	129.4	126.9	449.2	12.3
5 axles or more	1 894.8	S	36.2	73.4	1 780.8	6.6
Single-unit truck with utility trailer	10 995.8	7 651.3	2 244.2	395.1	705.1	8.5
3 axles	4 129.7	3 077.7	S	103.9	70.2	18.1
4 axles	6 349.5	4 382.6	1 323.5	265.5	377.8	8.8
5 axles or more	516.6	S	42.8	25.7	257.1	21.4
Truck-tractor with single trailer	92 221.3	10.6	332.6	880.2	90 998.0	.7
3 axles	2 183.2	S	57.2	191.5	1 934.1	5.7
4 axles	8 808.7	S	202.0	417.4	8 186.4	3.0
5 axles or more	81 229.4	S	73.3	271.3	80 877.5	.8
Truck-tractor with double trailers	8 466.7	V	S	176.8	8 286.3	3.8
5 axles	4 730.3	V	V	53.7	4 676.7	5.6
6 axles	2 239.3	V	S	123.2	2 116.0	7.7
7 axles or more	1 497.1	V	S	V	1 493.7	6.1

See footnotes at end of table.

Table 8. **Truck Miles by Vehicle Size: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of total (percent)
TRUCK TYPE AND AXLE ARRANGEMENT—Con.						
Combinations—Con.						
Truck-tractor with triple trailers	436.6	V	V	V	436.6	13.2
7 axles	S	V	V	V	S	S
8 axles or more	414.8	V	V	V	414.8	13.5
Trailer not specified	V	V	V	V	V	N
Powered axles	1 044 235.0	896 361.5	19 814.9	10 128.8	117 929.9	.6
1	625 510.3	573 199.2	17 194.3	9 318.4	25 798.4	1.0
2	415 144.8	323 153.6	2 604.7	791.4	88 595.1	1.1
3 or more	3 579.8	S	S	18.9	3 536.4	5.0
Not reported	V	V	V	V	V	N
CAB TYPE[9]						
Cab forward of engine	3 335.8	824.4	1 208.5	222.0	1 080.8	4.6
Cab over engine	19 006.4	2 439.3	2 663.9	1 209.6	12 693.5	2.0
Conventional cab	124 166.7	8 390.8	9 604.4	8 045.0	98 126.5	.6
Cab beside engine	531.4	235.6	117.0	40.6	138.3	12.1
Other	1 190.0	499.6	416.1	81.6	192.6	7.6
Not reported	12 897.9	5 177.7	1 577.9	530.0	5 612.3	2.5
PICKUPS, PANELS, VANS, SPORT UTILITIES, AND STATION WAGONS						
Total	886 871.3	882 696.6	4 174.6	S	V	.7
Pickups	453 721.0	450 490.3	3 230.7	V	V	1.1
Minivans	146 899.6	146 768.3	S	V	V	2.3
Panels or vans	71 414.5	70 820.9	S	S	V	3.6
Sport utilities	190 521.1	190 322.8	198.3	V	V	1.9
Station wagons	24 315.1	24 294.4	S	V	V	5.9
Driving wheels	886 871.3	882 696.6	4 174.6	S	V	.7
4-wheel drive	324 116.2	322 318.7	1 797.5	S	V	1.4
2-wheel drive	562 755.1	560 377.9	2 377.2	V	V	1.1
Front-wheel drive	190 504.9	189 234.6	1 270.3	V	V	2.0
Not reported	V	V	V	V	V	N

Note: Some estimates may have high relative standard errors of estimate (RSEs). See Appendix for approximating the RSEs for estimates other than the total. The U.S. estimates may differ from the sum of the state estimates because of rounding.

[1]Includes trucks registered in one state with a mailing address of another state. These trucks were excluded from the 1992 survey.
[2]New or modified data line from 1992.
[3]Lease characteristics include both "leased from" and "leased to" vehicles. Lease provisions apply to a period of 1 year or more.
[4]Detail does not add to total because items were not applicable or multiple responses were possible.
[5]Truck miles distribution shown for hazardous materials carried.
[6]Pickups, panels, vans, minivans, and sport utilities were not requested to report the information shown in the Equipment Type section, except for power steering, antilock brakes, wheelchair lift, vehicle control aids for handicapped drivers, electronic vehicle management system, air-conditioning, and airbag(s). In the Fuel Conservation Equipment section, they reported only radial tires.
[7]Data were derived from administrative records. "Not reported" indicates those trucks for which the cylinders are unknown.
[8]Data were derived from administrative records. "Not reported" indicates those trucks for which the cubic inch displacement is unknown.
[9]Pickups, panels, vans, minivans, and sport utilities are not included.

Table 9. **Truck Miles by Primary Range of Operation: 1997**

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Primary range of operation							Relative standard error of total (percent)
		Local	Short-range	Short-range medium	Long-range medium	Long-range	Off-the-road	Not reported	
Total trucks	**1 044 235.0**	**657 762.1**	**172 748.5**	**68 171.6**	**53 373.3**	**65 998.7**	**26 180.8**	**V**	**X**
Relative standard error (percent)	.6	.8	2.5	3.8	3.4	2.6	5.9	V	X
MAJOR USE									
Agriculture	37 495.4	22 078.4	6 767.3	3 347.4	1 597.3	1 231.8	2 473.1	V	4.0
Forestry and lumbering	5 579.8	2 157.5	1 734.6	926.3	428.3	120.6	212.4	V	6.8
Mining and quarrying	4 679.3	1 614.7	1 069.9	684.4	569.6	272.3	468.4	V	10.0
Construction	108 145.0	67 447.7	25 849.9	9 227.6	2 530.5	1 647.9	1 441.4	V	3.3
Manufacturing	16 965.8	6 054.6	3 659.2	1 998.2	2 464.1	2 380.4	409.3	V	5.2
Wholesale trade	32 462.4	13 830.4	7 446.9	4 060.7	4 100.3	2 829.1	195.1	V	4.7
Retail trade	40 273.7	23 789.2	7 383.4	3 739.4	2 834.0	1 906.5	621.3	V	4.5
For-hire transportation	72 854.9	6 615.0	6 900.8	8 195.2	17 482.9	33 292.1	368.9	V	1.4
Utilities	9 437.6	5 327.9	2 571.6	774.0	169.3	S	S	V	8.4
Services	71 034.5	41 394.7	15 305.6	5 870.5	3 929.1	2 803.9	1 730.7	V	3.6
Daily rental	13 067.7	2 109.5	3 324.1	3 100.5	2 636.9	1 869.5	27.1	V	7.9
One-way rental	656.4	S	S	S	487.0	51.0	V	V	13.6
Personal transportation	631 346.5	465 143.8	90 679.5	26 170.2	14 144.0	17 310.0	17 899.0	V	.9
Other	V	V	V	V	V	V	V	V	N
Not in use	236.0	173.6	33.7	S	S	S	22.4	V	14.7
Not reported	V	V	V	V	V	V	V	V	N
BODY TYPE									
Pickup	453 721.0	308 163.9	86 169.6	25 472.9	10 180.8	9 188.1	14 545.6	V	1.1
Minivan	146 899.6	107 639.0	18 288.3	7 172.6	4 967.0	5 240.2	3 592.5	V	2.3
Panel or van	71 414.5	45 804.0	12 917.9	5 597.0	2 388.9	2 982.2	1 724.4	V	3.6
Utility vehicles[2]	214 836.2	157 930.0	29 216.9	10 195.8	7 562.8	5 706.7	4 224.1	V	1.7
Sport utility	190 521.1	140 582.4	26 288.2	8 840.3	6 449.7	4 549.0	3 811.6	V	1.9
Station wagon	24 315.1	17 347.6	2 928.7	1 355.6	1 113.1	1 157.7	412.4	V	5.9
Multistop or stepvan	9 428.6	3 697.6	2 743.4	1 163.6	1 293.6	442.9	87.5	V	3.2
Platform with added devices	3 670.1	2 002.7	818.9	300.1	221.2	199.4	127.7	V	4.0
Low boy or depressed center	2 708.6	713.3	620.9	366.4	386.7	561.2	60.1	V	5.3
Basic platform	22 383.8	6 617.3	3 481.0	2 809.6	4 209.1	4 870.0	396.8	V	1.8
Livestock truck	1 037.3	133.2	189.2	166.4	260.9	269.9	17.7	V	7.7
Insulated nonrefrigerated van	2 575.8	89.2	146.3	242.9	338.8	1 756.7	S	V	5.3
Insulated refrigerated van	16 363.0	1 020.5	1 503.6	1 689.0	2 344.8	9 753.0	S	V	2.4
Drop-frame van	2 357.5	274.1	201.2	161.1	560.9	1 148.1	S	V	6.6
Open-top van	1 032.9	144.7	376.5	264.1	149.0	94.8	3.7	V	8.7
Basic enclosed van	55 849.4	5 718.3	6 437.9	7 812.9	14 873.9	20 742.9	263.5	V	1.2
Beverage	1 244.7	584.5	478.3	135.0	19.9	S	15.2	V	7.1
Public utility	1 669.0	1 145.8	337.5	89.7	S	S	45.3	V	5.5
Winch or crane	808.1	444.0	217.8	49.8	42.8	24.0	29.7	V	7.1
Wrecker	1 737.3	1 296.3	215.4	127.9	35.2	S	11.7	V	7.0
Pole or logging	2 158.8	479.5	1 016.4	310.9	201.8	79.0	71.2	V	4.9
Auto transport	915.3	105.4	46.8	74.3	267.8	417.2	S	V	9.7
Service truck	2 263.8	1 420.2	543.3	154.3	76.6	S	67.4	V	5.2
Yard tractor	113.8	49.6	5.7	S	S	S	33.5	V	26.1
Oilfield truck	440.7	155.1	109.8	54.3	50.9	S	47.3	V	10.6
Grain body	2 772.5	924.0	587.7	522.3	432.3	194.8	111.6	V	4.0
Garbage hauler	2 307.0	1 463.7	559.6	186.1	62.5	16.7	18.4	V	5.0
Dump truck	11 369.6	6 220.2	2 977.7	957.3	543.5	240.8	430.2	V	2.0
Tank truck (liquids or gases)	8 604.6	2 209.1	1 961.0	1 566.0	1 153.9	1 566.5	148.1	V	3.1
Tank truck (dry bulk)	1 855.3	208.5	357.5	419.6	527.8	327.1	14.9	V	6.6
Concrete mixer	1 126.4	999.6	78.1	20.7	S	V	13.1	V	4.0
Other	570.0	108.9	144.3	66.3	165.7	75.1	9.7	V	12.6
Not reported	V	V	V	V	V	V	V	V	N
ANNUAL MILES									
Less than 5,000	25 234.7	19 275.9	2 552.1	849.2	419.4	404.2	1 733.9	V	2.2
5,000 to 9,999	93 905.6	75 460.4	8 077.6	2 486.5	1 531.1	2 412.1	3 937.9	V	1.7
10,000 to 19,999	399 709.0	310 573.0	50 048.4	12 868.4	7 329.8	9 010.5	9 878.9	V	1.0
20,000 to 29,999	229 681.6	154 775.4	42 757.8	13 000.2	8 353.7	5 598.0	5 196.5	V	2.0
30,000 to 49,999	151 776.0	73 971.0	43 169.1	18 513.3	7 907.0	4 660.1	3 555.5	V	3.2
50,000 to 74,999	54 517.4	18 660.7	13 015.6	10 603.9	5 684.8	4 911.3	1 641.1	V	5.4
75,000 or more	89 410.6	5 045.8	13 127.9	9 850.0	22 147.6	39 002.5	236.9	V	2.8
WEEKS OPERATED									
Less than 1	289.4	173.6	S	6.0	S	S	34.8	V	23.4
1 to 4	5 023.9	3 499.0	573.4	256.0	188.0	212.6	295.0	V	7.8
5 to 8	9 388.8	6 283.4	1 489.2	375.6	325.2	621.0	294.4	V	7.6
9 to 12	14 407.2	8 434.4	2 507.4	727.4	1 024.9	1 095.1	617.8	V	7.8
13 to 16	12 817.0	8 008.7	2 004.6	1 061.3	698.5	563.1	480.9	V	6.8
17 to 20	12 899.7	7 909.1	1 952.7	1 531.7	490.3	614.4	401.5	V	7.1
21 to 24	19 529.1	12 467.3	3 132.2	914.0	883.8	1 232.9	898.7	V	5.4
25 to 28	32 711.8	21 117.7	5 258.1	2 151.4	1 464.7	1 763.5	956.3	V	4.4
29 to 32	29 007.3	18 157.1	4 585.8	1 614.2	1 599.4	1 484.5	1 566.3	V	4.5
33 to 36	31 160.8	19 846.9	4 987.5	1 936.0	1 780.3	1 683.0	927.2	V	5.4
37 to 40	33 004.5	20 974.7	5 195.4	1 381.9	1 750.4	2 467.7	1 234.5	V	5.5
41 to 44	42 458.0	24 988.9	6 758.3	3 438.8	2 234.0	3 905.9	1 132.0	V	3.9
45 to 48	86 855.7	47 939.3	14 335.8	6 802.9	6 144.7	10 011.2	1 621.9	V	2.8
49 to 52	695 315.8	445 979.8	117 682.0	44 853.8	33 663.4	37 687.5	15 449.4	V	.9
Not reported	19 344.2	11 982.2	2 193.8	1 120.5	1 122.7	2 655.0	270.0	V	5.7

See footnotes at end of table.

Table 9. **Truck Miles by Primary Range of Operation: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Primary range of operation							Relative standard error of total (percent)
		Local	Short-range	Short-range medium	Long-range medium	Long-range	Off-the-road	Not reported	
BASE OF OPERATION									
Percentage of miles traveled outside base-of-operation state:									
Less than 25 percent	782 869.0	551 573.0	137 163.9	43 889.1	19 644.8	8 342.9	22 255.3	V	.8
25 to 49 percent	56 285.7	29 271.3	9 469.6	6 081.9	5 544.3	4 917.7	1 000.8	V	3.5
50 to 74 percent	43 760.0	9 720.1	4 965.7	6 761.1	10 229.5	11 738.1	345.6	V	3.9
75 to 100 percent	47 440.6	6 902.2	3 393.4	2 414.4	9 839.9	24 621.7	269.1	V	3.2
No home base	10 999.2	243.4	380.8	417.1	2 608.4	7 330.2	19.4	V	3.2
Not reported	102 880.5	60 052.2	17 375.1	8 608.0	5 506.5	9 048.1	2 290.5	V	2.6
VEHICLE SIZE									
Light	896 361.5	625 964.2	149 148.1	49 454.4	24 722.6	22 869.1	24 203.1	V	.7
Medium	19 814.9	9 569.4	4 371.1	2 002.8	2 268.9	1 045.0	557.6	V	4.4
Light-heavy	10 128.8	4 364.7	2 997.4	1 085.8	894.9	530.8	255.3	V	2.9
Heavy-heavy	117 929.9	17 863.8	16 231.9	15 628.7	25 486.9	41 553.8	1 164.8	V	.6
AVERAGE WEIGHT (POUNDS)									
Less than 6,001	821 915.3	581 594.3	131 584.5	44 145.6	22 780.9	19 358.3	22 451.6	V	.7
6,001 to 10,000	74 446.2	44 369.9	17 563.6	5 308.8	1 941.7	3 510.8	1 751.5	V	3.8
10,001 to 14,000	11 501.5	5 126.7	2 775.7	1 137.5	1 636.3	534.0	291.1	V	6.3
14,001 to 16,000	3 951.2	2 427.9	689.6	344.5	213.1	165.2	111.0	V	4.8
16,001 to 19,500	4 362.2	2 014.8	905.8	520.7	S	S	155.5	V	10.2
19,501 to 26,000	10 128.8	4 364.7	2 997.4	1 085.8	894.9	530.8	255.3	V	2.9
26,001 to 33,000	7 092.0	2 634.2	1 957.7	921.9	722.1	608.6	247.6	V	3.6
33,001 to 40,000	6 594.0	1 972.3	1 103.3	745.2	1 862.7	816.8	93.7	V	3.1
40,001 to 50,000	13 078.1	2 994.8	1 835.2	1 857.4	2 348.3	3 788.7	253.7	V	2.4
50,001 to 60,000	12 652.5	2 612.5	1 900.2	1 449.8	2 552.0	4 012.3	125.8	V	2.4
60,001 to 80,000	74 723.5	6 761.7	8 418.4	9 897.8	17 226.2	32 029.4	390.1	V	.9
80,001 to 100,000	2 427.0	528.4	684.3	502.1	473.3	200.0	38.9	V	4.2
100,001 to 130,000	1 050.7	275.1	237.8	184.0	257.5	82.5	13.8	V	6.4
130,001 or more	311.8	84.8	95.2	70.5	44.7	S	S	V	11.7
Not reported	V	V	V	V	V	V	V	V	N
TOTAL LENGTH (FEET)									
Less than 20.0	894 155.7	623 691.7	148 113.5	49 340.4	25 928.2	23 011.8	24 070.2	V	.7
20.0 to 27.9	25 529.1	14 414.7	6 096.4	2 342.1	1 096.0	524.4	1 055.5	V	2.1
28.0 to 35.9	18 151.6	9 078.8	5 071.1	1 677.8	1 006.3	935.4	382.2	V	5.0
36.0 to 40.9	3 203.7	1 481.4	784.0	487.8	204.7	154.7	91.1	V	4.6
41.0 to 44.9	2 004.7	709.5	665.0	262.4	206.0	124.6	37.2	V	7.0
45.0 or more	101 188.5	8 386.1	12 016.8	14 061.2	24 932.1	41 247.7	544.7	V	.7
Not reported	V	V	V	V	V	V	V	V	N
YEAR MODEL									
1998	3 660.3	858.9	469.1	409.8	653.4	1 255.2	S	V	8.5
1997	81 967.3	45 664.1	13 092.9	6 415.7	7 395.8	8 646.1	752.6	V	2.9
1996	108 760.0	61 767.1	17 821.1	6 888.0	7 740.8	11 662.6	2 880.3	V	2.9
1995	119 211.3	69 210.4	20 241.1	8 278.6	7 605.8	11 681.8	2 193.7	V	2.9
1994	102 191.7	62 542.4	17 576.1	6 524.3	5 832.8	7 578.0	2 138.0	V	2.9
1993	87 956.4	55 304.8	13 737.7	6 389.7	4 313.0	6 607.4	1 603.7	V	3.2
1992	67 133.6	42 796.9	10 809.3	5 670.4	3 266.7	3 098.9	1 491.3	V	3.8
1991	62 124.8	43 675.9	8 310.9	3 267.6	2 237.8	2 793.1	1 839.5	V	3.8
1990	58 874.8	36 891.1	11 189.7	3 622.3	3 276.9	2 599.5	1 295.2	V	3.7
1989	64 779.7	43 585.6	9 406.8	5 194.6	2 713.7	1 936.2	1 942.9	V	4.1
1988	54 770.9	36 270.2	8 607.7	3 898.7	2 486.9	2 207.5	1 300.0	V	3.5
Pre-1988	232 804.1	159 194.7	41 486.1	11 611.8	5 849.6	5 932.3	8 729.5	V	1.7
Not reported	V	V	V	V	V	V	V	V	N
VEHICLE ACQUISITION									
Purchased new	472 818.3	287 329.7	76 864.4	33 650.5	28 244.8	37 604.1	9 124.9	V	1.2
Purchased used	472 455.5	318 351.2	81 369.2	25 538.4	16 850.5	15 307.8	15 038.4	V	1.2
Leased from someone else	86 498.7	44 466.9	12 341.3	7 841.8	7 682.2	12 277.4	1 889.1	V	2.8
Not reported	12 462.4	7 614.3	2 173.6	1 141.0	595.7	809.3	128.4	V	9.7
LEASE CHARACTERISTICS[3 4]									
Leased without driver	36 281.9	4 817.3	5 724.7	5 562.1	8 565.8	11 261.7	350.2	V	1.6
Leased with driver other than owner-operator	3 999.0	613.4	469.7	379.9	741.0	1 752.2	42.8	V	4.5
Leased with owner-operator	9 856.0	910.9	973.0	983.4	2 095.1	4 784.8	108.8	V	3.0
Provisions of lease:									
Financing	14 874.8	2 193.6	2 046.4	1 855.6	3 288.2	5 409.1	81.8	V	2.6
Full maintenance	14 007.0	1 537.6	2 198.1	2 410.9	3 596.9	4 042.8	220.7	V	2.7
Maintenance on specific parts	1 271.8	184.0	202.9	113.0	285.7	480.0	6.2	V	10.0
Payment of taxes	13 895.5	1 439.5	2 012.4	2 340.7	3 122.7	4 709.6	270.5	V	2.7
Obtaining licenses and permits	17 221.9	1 493.9	2 274.3	2 605.2	3 948.7	6 643.0	256.7	V	2.4
Record keeping for leased trucks	13 584.8	1 123.3	1 919.9	2 208.8	3 358.0	4 772.3	202.5	V	2.7
Other	2 210.2	232.3	224.4	196.3	673.1	862.2	S	V	6.8

See footnotes at end of table.

Table 9. **Truck Miles by Primary Range of Operation: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Primary range of operation							Relative standard error of total (percent)
		Local	Short-range	Short-range medium	Long-range medium	Long-range	Off-the-road	Not reported	
PRIMARY OPERATOR CLASSIFICATION									
Not for hire	958 312.4	649 037.6	162 523.6	56 875.9	33 253.6	30 837.0	25 784.7	V	.6
Business use	307 717.4	170 801.7	68 669.4	29 584.2	18 490.6	12 828.9	7 342.6	V	1.6
Personal transportation	631 525.8	465 273.1	90 708.6	26 174.8	14 144.0	17 310.0	17 915.3	V	.9
Mixed—business use/personal transportation	19 069.2	12 962.8	3 145.7	1 116.9	618.9	698.1	526.8	V	6.5
For hire	72 854.9	6 615.0	6 900.8	8 195.2	17 482.9	33 292.1	368.9	V	1.4
Motor carrier	52 512.9	4 038.5	4 597.0	4 971.3	13 369.1	25 445.5	91.6	V	1.2
Owner/operator	13 142.3	790.2	1 428.0	1 557.5	3 074.3	6 229.0	63.1	V	2.6
Independent	5 832.9	618.0	993.2	824.1	1 024.9	2 326.1	46.7	V	3.9
Leased to a company	7 309.3	172.2	434.9	733.4	2 049.5	3 902.9	S	V	3.7
Not reported	1 598.8	95.2	145.6	242.3	339.5	767.8	S	V	9.2
Daily rental	13 067.7	2 109.5	3 324.1	3 100.5	2 636.9	1 869.5	27.1	V	7.9
Mixed—not for hire/for hire	2 942.2	829.1	281.0	S	406.7	523.0	S	V	16.7
For-hire jurisdiction:									
Interstate	51 788.4	1 327.0	2 041.0	4 404.2	13 832.8	30 125.4	58.0	V	1.2
Intrastate	9 172.2	2 114.1	2 839.1	2 051.9	1 591.8	527.5	47.7	V	3.1
Local	3 283.0	1 500.2	1 176.6	124.4	328.8	90.2	63.0	V	5.0
Not reported	4 702.2	279.2	337.3	539.9	1 350.0	2 184.2	S	V	4.8
Type of carrier (interstate only):									
Contract	24 455.5	311.4	769.6	1 995.4	7 095.7	14 261.8	21.8	V	1.8
Common	25 314.8	970.2	1 106.5	2 103.2	6 194.3	14 904.8	35.8	V	1.9
Exempt	1 397.8	29.5	152.8	225.2	283.1	706.9	S	V	8.7
Not reported	685.8	S	14.6	80.6	269.6	302.4	S	V	12.8
Kind of service:									
Truckload	46 815.6	3 016.8	3 929.3	4 750.7	11 224.3	23 760.2	134.3	V	1.3
Less than truckload	16 471.9	1 837.7	2 021.8	1 727.2	4 185.1	6 666.2	33.9	V	2.5
Not reported	5 656.4	364.1	442.8	642.5	1 694.0	2 500.8	S	V	4.4
PRIMARY PRODUCTS CARRIED									
Farm products	17 070.5	7 005.4	2 958.6	1 580.7	1 605.9	3 422.4	497.4	V	5.6
Live animals	8 392.3	3 493.1	1 840.9	1 059.2	785.6	957.2	256.2	V	8.4
Animal feed	5 709.5	2 770.4	1 004.8	585.3	510.4	475.5	363.0	V	8.4
Mining products	1 917.7	693.7	477.1	339.4	222.0	80.0	105.4	V	10.6
Logs and other forest products	4 905.8	1 578.2	1 675.1	813.6	447.3	208.8	182.7	V	7.1
Lumber and fabricated wood products	12 284.3	6 143.4	1 916.2	1 740.9	1 135.2	1 210.1	S	V	9.8
Processed foods	29 822.7	6 836.9	4 700.4	3 635.5	4 294.5	10 175.5	179.9	V	2.8
Textile mill products	8 511.1	2 482.3	1 593.5	725.5	1 110.7	2 408.8	190.4	V	6.9
Building materials	27 060.3	15 287.9	6 296.3	2 296.6	1 410.2	1 066.6	702.7	V	6.1
Household goods	5 520.9	1 371.2	1 312.4	398.9	1 348.0	1 066.5	23.9	V	7.7
Furniture or hardware	5 675.4	1 976.5	595.1	926.0	684.8	1 470.3	S	V	8.2
Paper products	11 720.6	2 889.5	1 878.8	1 189.2	3 076.7	2 603.5	S	V	6.9
Chemicals	11 640.0	4 881.6	2 464.4	1 539.3	1 277.1	1 255.0	222.6	V	7.5
Petroleum	6 059.8	2 575.2	1 511.4	1 079.0	370.1	384.7	S	V	5.4
Plastics and/or rubber	3 728.7	850.6	524.9	564.5	701.8	1 043.2	43.7	V	8.9
Primary metal products	7 632.3	2 058.8	1 248.9	1 028.5	1 632.7	1 626.7	S	V	9.2
Fabricated metal products	7 259.1	3 481.9	1 281.9	660.2	952.1	825.5	57.3	V	9.8
Machinery	18 941.7	9 265.8	3 559.4	1 598.2	1 128.7	2 978.3	S	V	7.3
Transportation equipment	11 301.9	5 255.8	1 362.5	854.6	1 332.0	2 399.4	97.5	V	7.3
Glass products	1 507.8	608.0	S	153.6	198.7	191.7	S	V	21.7
Miscellaneous products of manufacturing	11 061.6	3 807.4	1 730.4	1 450.9	1 664.0	2 378.1	30.8	V	7.3
Industrial "waste" water	228.0	103.8	23.8	27.8	S	S	6.8	V	17.4
Scrap, refuse, or garbage	4 340.8	2 462.9	1 240.6	334.4	135.7	81.9	85.3	V	8.1
Mixed cargoes	28 129.9	6 642.2	4 465.5	4 813.2	5 962.4	5 972.7	274.0	V	4.0
Craftsman's equipment	58 043.1	35 312.4	14 213.0	4 306.6	1 600.8	1 427.0	1 183.2	V	4.2
Recyclable products	1 693.4	754.1	487.1	198.2	181.4	52.8	19.8	V	11.8
Hazardous waste (EPA manifest)	465.8	22.5	52.8	S	210.2	129.8	S	V	16.9
Hazardous waste (non-EPA manifest)	82.7	20.8	S	S	S	S	S	V	27.0
Personal transportation	631 346.5	465 143.8	90 679.5	26 170.2	14 144.0	17 310.0	17 899.0	V	.9
Passengers	21 297.7	11 754.0	5 003.3	1 585.7	1 258.3	840.5	856.0	V	7.6
No load carried	77 757.6	49 132.7	15 610.2	6 058.4	3 380.7	1 611.4	1 964.2	V	3.7
Not in use	236.0	173.6	33.7	S	S	S	22.4	V	14.7
Other	2 889.7	925.6	635.9	397.6	585.3	271.1	74.1	V	11.5
Not reported	V	V	V	V	V	V	V	V	N
HAZARDOUS MATERIALS CARRIED[5]									
Carrying hazardous materials[2 4]	24 787.3	2 765.8	2 908.3	2 992.5	7 035.8	8 989.7	95.3	V	1.9
Hazmat placard names:									
Explosives 1.1 (formerly explosive A)	57.9	S	S	S	S	20.9	S	V	26.2
Explosives 1.2 (formerly explosive A)	S	S	S	S	S	10.8	V	V	S
Explosives 1.3 (formerly explosive B)	29.9	S	S	1.8	.8	13.6	S	V	41.9
Explosives 1.4 (formerly dangerous)	120.1	S	7.0	10.6	51.0	31.2	S	V	13.4
Explosives 1.5 (formerly blasting agents)	86.6	S	8.3	5.7	33.7	S	S	V	20.3
Explosives 1.6 (formerly dangerous)	86.1	S	5.2	5.9	37.7	21.2	V	V	18.3
Flammable gas	1 453.5	470.6	447.3	246.6	183.1	91.3	14.6	V	6.2
Nonflammable gas	730.5	105.0	118.7	107.9	248.3	149.5	S	V	8.9
Poisonous gas	101.0	S	14.7	13.8	38.9	16.1	S	V	14.3
Flammable	3 860.7	811.8	786.6	535.1	890.0	803.2	34.0	V	4.0
Combustible	1 791.9	307.8	298.3	199.4	643.8	328.6	S	V	4.7
Flammable solid	237.4	22.1	30.7	29.2	61.8	93.1	S	V	10.2
Spontaneously combustible (formerly flammable solid)	168.7	S	S	62.1	44.7	26.8	S	V	20.3
Dangerous when wet (formerly flammable solid W)	160.6	24.9	7.4	20.0	74.7	33.5	S	V	12.1
Oxidizer	478.8	35.9	88.1	57.6	129.6	166.1	1.6	V	8.0

See footnotes at end of table.

Table 9. **Truck Miles by Primary Range of Operation: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Primary range of operation: Local	Short-range	Short-range medium	Long-range medium	Long-range	Off-the-road	Not reported	Relative standard error of total (percent)
HAZARDOUS MATERIALS CARRIED[5]—Con.									
Hazmat placard names—Con.									
Oxygen	199.8	37.9	49.3	39.3	56.9	14.4	S	V	13.0
Organic peroxide	123.5	S	9.8	17.9	48.0	30.7	S	V	11.3
Poison (formerly poisons A and B, solids, and liquids)	287.9	37.2	24.4	29.0	85.7	110.2	S	V	11.5
Keep away from food	177.4	29.6	S	36.2	52.0	38.2	S	V	13.9
Radioactive	78.7	S	3.7	20.3	8.8	32.9	S	V	21.0
Corrosive	2 105.3	122.1	176.8	203.8	848.0	749.7	4.9	V	4.5
Class 9	596.0	37.2	57.4	71.7	170.3	258.9	S	V	9.3
Hazardous materials not specified[2]	2 734.5	119.5	205.3	288.4	1 127.5	991.9	S	V	5.9
No hazardous materials carried	996 245.3	648 178.4	166 510.5	61 675.0	42 683.7	51 350.1	S	V	.6
Not reported	23 202.3	6 817.9	3 329.7	3 504.1	3 653.7	5 658.9	238.0	V	1.9
TRUCK FLEET SIZE									
1	259 501.0	167 666.4	45 721.9	17 959.3	9 553.9	11 356.1	7 243.5	V	1.8
2 to 5	136 934.5	86 608.3	26 408.8	9 822.7	5 921.0	4 928.9	3 244.8	V	2.6
6 to 9	25 369.3	14 029.0	5 289.7	2 230.3	1 779.3	1 329.3	711.6	V	4.9
10 to 24	35 201.9	17 370.5	8 104.1	3 680.4	2 602.8	2 687.1	757.0	V	4.3
25 to 99	38 165.6	13 557.9	8 658.3	5 281.2	4 278.1	5 749.1	641.1	V	3.6
100 or more	78 125.8	17 542.0	11 992.0	9 838.4	14 597.5	22 803.1	1 352.8	V	2.3
Not reported	470 936.9	340 988.1	66 573.7	19 359.3	14 640.7	17 145.1	12 230.0	V	1.2
MILES PER GALLON									
Less than 5	14 865.0	4 501.1	3 059.2	1 742.1	2 266.2	2 900.6	395.8	V	1.9
5 to 6.9	85 014.6	12 244.5	11 014.4	10 612.7	19 420.2	31 100.3	622.5	V	.8
7 to 8.9	25 757.0	9 375.9	5 366.3	3 727.4	2 842.9	3 902.0	542.5	V	2.5
9 to 10.9	56 385.2	35 472.2	12 023.0	3 469.4	1 653.4	2 008.8	1 758.4	V	3.6
11 to 12.9	95 166.3	65 425.0	16 018.4	5 595.5	2 362.4	2 570.9	3 194.2	V	3.1
13 to 14.9	118 154.6	81 496.9	21 131.9	6 668.9	2 399.0	3 279.4	3 178.6	V	2.7
15 or more	637 416.7	446 131.7	102 703.9	35 143.6	20 826.4	16 325.8	16 285.3	V	1.0
15 to 20.9	483 885.0	341 305.0	76 176.8	26 774.0	14 919.7	12 493.6	12 215.9	V	1.2
21 to 24.9	121 513.4	84 041.8	21 130.8	6 389.4	3 831.4	3 174.2	2 945.8	V	2.9
25 or more	32 018.3	20 784.9	5 396.2	1 980.1	2 075.4	658.0	1 123.6	V	6.2
Not reported	11 436.8	3 076.2	1 431.3	1 212.2	1 602.8	3 910.9	203.4	V	3.1
EQUIPMENT TYPE[4 6]									
Braking system	161 694.6	41 236.7	26 868.9	20 003.1	28 418.1	42 977.9	2 189.8	V	.5
Hydraulic	13 993.0	7 891.5	3 059.9	1 303.4	760.6	567.6	409.8	V	2.2
Hydraulic (power)	19 229.7	9 725.0	4 920.2	1 606.4	1 490.1	1 012.0	476.0	V	1.8
Air	112 645.0	17 537.7	16 860.8	15 415.0	24 237.0	37 474.0	1 120.4	V	.6
Other	1 018.0	554.3	217.1	118.8	68.3	26.2	33.3	V	8.0
Not reported	14 808.9	5 528.1	1 810.9	1 559.5	1 862.1	3 898.0	150.2	V	2.7
Antilock brakes	489 496.9	314 531.1	79 682.1	29 303.5	24 579.8	30 283.9	11 116.5	V	1.2
Power steering	922 545.7	581 764.6	152 917.6	60 273.6	47 666.0	57 501.3	22 422.6	V	.7
Vehicle control aids for handicapped drivers	2 400.8	1 141.7	S	S	S	S	S	V	25.2
Air-conditioning	807 347.9	499 520.5	132 400.1	54 621.1	45 166.9	57 942.5	17 696.8	V	.8
Wheelchair lift	2 158.6	1 197.1	450.2	S	S	S	S	V	21.2
Engine retarder	55 246.5	5 256.5	6 060.7	6 544.4	11 991.1	25 050.7	343.1	V	1.1
Reflective materials	50 555.8	8 948.3	6 865.3	5 959.5	10 919.1	17 310.3	553.3	V	1.2
Electronic vehicle management system	247 920.4	148 303.0	36 779.5	16 829.5	16 967.9	23 890.3	5 150.1	V	1.7
Electronic vehicle identification device (transponder, etc.)	13 134.2	550.6	509.8	692.9	3 135.5	8 195.0	50.4	V	2.8
Trip recorders/on board computer system	28 440.0	2 129.2	2 530.6	3 269.6	6 461.4	13 941.3	107.9	V	1.7
Navigational systems	5 769.0	136.4	268.6	717.6	1 013.2	3 595.7	S	V	4.3
Airbag(s)[2]	305 743.4	195 388.7	46 581.7	18 070.5	18 062.1	21 709.0	5 931.4	V	1.5
FUEL CONSERVATION EQUIPMENT[4 6]									
Aerodynamic features	62 997.8	4 378.1	5 618.0	6 884.4	16 772.1	29 128.9	216.3	V	1.1
Axle or drive ratio	71 247.1	8 207.7	8 524.4	8 886.7	16 733.8	28 476.6	417.8	V	1.0
Fuel economy engine	82 709.3	11 454.2	11 230.3	10 512.3	18 786.7	30 072.5	653.3	V	.9
Radial tires	866 737.1	548 187.0	141 934.4	57 044.4	44 968.7	55 266.8	19 335.7	V	.7
Road speed governors	71 638.3	10 183.7	9 190.2	8 251.7	16 308.9	27 126.1	577.8	V	1.0
Variable fan drives	72 215.0	9 492.3	9 530.5	9 352.5	16 943.4	26 324.6	571.7	V	1.0
Other fuel conservation devices	24 915.7	1 595.1	2 137.7	2 804.5	7 603.3	10 662.2	112.8	V	1.9
MAINTENANCE[4]									
General maintenance performed by—									
Owner	450 496.4	304 457.0	77 191.2	25 251.2	14 867.0	15 726.0	13 003.9	V	1.3
Company's maintenance facilities	126 892.1	43 673.8	21 878.1	13 294.9	18 209.9	26 890.8	2 944.5	V	1.9
Dealership's service department	244 182.2	162 307.6	34 878.5	14 967.4	10 773.9	16 078.1	5 176.6	V	1.7
Leasing company	10 965.9	4 302.4	2 103.1	1 634.9	1 297.6	1 407.8	S	V	7.5
Independent garage	375 861.8	249 169.1	59 489.2	24 238.6	16 251.3	18 163.4	8 550.2	V	1.4
Component distributorship	13 846.9	6 168.4	2 707.9	804.6	808.3	3 012.6	345.2	V	7.1
No one	8 469.8	4 884.0	1 408.9	625.7	379.2	S	710.5	V	9.9
Other	8 168.6	5 062.2	1 408.7	384.4	316.8	721.2	275.3	V	8.8
Not reported	44 791.0	21 898.4	7 596.7	4 824.8	3 796.0	6 047.7	627.2	V	3.7
Major overhauls performed by—									
Owner	66 913.2	44 321.9	12 903.1	3 698.3	1 815.1	2 174.8	2 000.0	V	3.4
Company's maintenance facilities	58 767.4	19 717.1	9 802.4	6 584.5	9 500.0	11 523.4	1 640.0	V	3.1
Dealership's service department	181 013.1	107 726.5	25 979.3	12 800.0	12 508.8	18 889.1	3 109.4	V	2.0
Leasing company	6 645.9	2 375.7	1 286.5	1 560.7	610.5	788.5	S	V	9.0
Independent garage	204 012.6	133 945.2	35 387.2	12 592.9	9 158.0	8 004.2	4 925.1	V	2.2
Component distributorship	34 203.6	14 760.9	5 228.7	2 786.0	4 766.9	6 205.1	455.9	V	4.8
No one	51 607.1	38 119.8	6 799.6	1 544.2	1 675.6	2 222.4	1 245.5	V	4.1
Other	4 143.2	2 342.1	936.3	209.7	254.7	277.4	S	V	12.2
Not reported	491 077.6	321 082.9	82 851.6	30 307.2	19 438.9	23 939.3	13 457.7	V	1.1

See footnotes at end of table.

Table 9. **Truck Miles by Primary Range of Operation: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Primary range of operation							Relative standard error of total (percent)
		Local	Short-range	Short-range medium	Long-range medium	Long-range	Off-the-road	Not reported	
ENGINE TYPE AND SIZE									
Engine	1 044 235.0	657 762.1	172 748.5	68 171.6	53 373.3	65 998.7	26 180.8	V	.6
Gasoline	876 745.8	614 279.6	145 076.7	47 283.2	24 071.8	22 003.7	24 030.8	V	.7
Diesel	162 992.7	40 661.3	27 004.0	20 689.9	29 110.2	43 454.3	2 072.9	V	1.1
Liquefied gas or other	2 791.3	1 851.5	509.7	S	S	S	60.3	V	13.3
Not reported	1 705.2	969.7	158.0	56.0	102.2	402.5	16.7	V	9.8
Cylinders[7]	1 044 235.0	657 762.1	172 748.5	68 171.6	53 373.3	65 998.7	26 180.8	V	.6
4	147 961.5	105 710.7	25 734.8	6 290.2	3 042.6	2 055.1	5 128.1	V	2.8
6	543 949.4	322 457.8	80 349.3	40 154.1	38 203.5	51 927.7	10 857.0	V	1.0
8	335 181.0	220 387.9	63 218.8	20 286.3	10 824.3	11 121.4	9 342.2	V	1.5
Other	S	640.6	S	S	40.4	V	S	V	S
Not reported	16 000.8	8 565.1	3 108.2	1 407.6	1 262.5	894.4	763.0	V	4.0
Cubic inch displacement[8]	1 044 235.0	657 762.1	172 748.5	68 171.6	53 373.3	65 998.7	26 180.8	V	.6
Gasoline engines	876 745.8	614 279.6	145 076.7	47 283.2	24 071.8	22 003.7	24 030.8	V	.7
Less than 200	271 229.1	197 514.3	42 759.1	11 510.8	6 102.6	4 801.6	8 540.7	V	1.9
200 to 299	259 373.5	183 767.4	38 381.5	16 406.3	8 823.1	6 648.0	5 347.2	V	1.7
300 to 349	148 763.9	101 708.9	29 067.9	7 257.1	3 165.1	3 361.3	4 203.5	V	2.5
350 to 399	160 697.1	108 161.6	27 472.7	10 352.7	4 780.5	5 306.5	4 623.1	V	2.2
400 or more	23 020.8	13 430.4	5 203.7	1 065.5	976.2	1 713.4	631.6	V	5.5
Not reported	13 661.4	9 697.0	2 191.8	690.7	S	S	684.8	V	6.0
Diesel engines	162 992.7	40 661.3	27 004.0	20 689.9	29 110.2	43 454.3	2 072.9	V	1.1
Less than 400	22 296.4	11 922.3	4 760.3	2 113.4	2 167.5	696.7	636.1	V	4.9
400 to 599	30 962.3	14 421.3	8 004.0	4 065.9	2 271.6	1 682.9	516.5	V	4.4
600 to 799	44 584.2	6 570.9	5 498.8	5 875.7	10 470.0	15 909.2	259.6	V	1.3
800 or more	48 059.8	4 531.4	6 327.6	6 718.6	10 759.9	19 381.5	340.9	V	1.2
Not reported	17 090.1	3 215.3	2 413.4	1 916.3	3 441.2	5 784.0	319.8	V	2.1
Other engines	2 791.3	1 851.5	509.7	S	S	S	60.3	V	13.3
Less than 400	1 999.4	1 501.8	207.7	S	S	S	S	V	13.6
400 or more	S	282.2	S	S	S	S	S	V	S
Not reported	83.2	67.6	8.6	S	S	S	S	V	25.8
Not reported	1 705.2	969.7	158.0	56.0	102.2	402.5	16.7	V	9.8
REFUELING LOCATION									
Central company-owned fueling facility	49 156.6	12 198.7	9 713.2	7 439.3	11 533.5	7 462.8	809.0	V	1.2
Single contract fueling facility located off-site	9 895.6	2 966.6	2 786.6	2 072.9	1 293.1	639.7	136.9	V	3.0
Public fueling stations	84 014.3	19 840.1	11 879.7	8 700.0	12 621.7	29 980.1	992.8	V	.8
Other	3 637.7	829.6	637.1	201.7	828.8	1 043.9	96.6	V	4.9
Not reported	14 424.0	5 220.8	1 737.1	1 413.2	2 088.7	3 819.2	145.1	V	2.5
TRUCK TYPE AND AXLE ARRANGEMENT									
Single-unit trucks	929 378.0	643 086.1	157 078.5	52 800.2	27 590.4	23 833.2	24 989.6	V	.7
2 axles	919 231.4	636 555.0	154 917.7	52 135.9	27 374.0	23 635.2	24 613.8	V	.7
3 axles	7 186.8	4 446.6	1 503.0	535.0	186.8	188.8	326.6	V	2.3
4 axles or more	2 959.7	2 084.6	657.8	129.3	29.7	S	49.2	V	3.1
Combinations	114 857.0	14 676.0	15 670.0	15 371.4	25 782.9	42 165.5	1 191.2	V	1.0
Single-unit truck with trailer	2 736.6	859.2	669.2	502.2	248.6	383.6	73.7	V	5.9
4 axles	841.8	345.6	144.0	132.1	49.9	157.5	12.6	V	12.3
5 axles or more	1 894.8	513.6	525.2	370.1	198.8	226.1	61.1	V	6.6
Single-unit truck with utility trailer	10 995.8	5 367.3	2 807.7	827.0	662.4	752.4	578.9	V	8.5
3 axles	4 129.7	1 971.9	1 395.7	92.6	103.3	S	S	V	18.1
4 axles	6 349.5	3 184.7	1 285.8	608.0	552.3	488.0	230.7	V	8.8
5 axles or more	516.6	210.7	126.2	S	6.9	S	5.7	V	21.4
Truck-tractor with single trailer	92 221.3	8 125.8	11 513.8	12 787.5	20 604.3	38 656.4	533.5	V	.7
3 axles	2 183.2	786.9	583.8	357.2	196.9	237.9	20.5	V	5.7
4 axles	8 808.7	1 486.1	1 536.7	1 530.6	2 227.6	1 932.1	95.6	V	3.0
5 axles or more	81 229.4	5 852.8	9 393.3	10 899.7	18 179.7	36 486.4	417.4	V	.8
Truck-tractor with double trailers	8 466.7	321.5	677.2	1 230.4	3 866.7	2 365.9	4.9	V	3.8
5 axles	4 730.3	71.5	399.3	795.8	2 002.7	1 461.0	S	V	5.6
6 axles	2 239.3	36.2	91.4	222.2	1 308.8	580.1	S	V	7.7
7 axles or more	1 497.1	213.9	186.6	212.5	555.2	324.9	4.2	V	6.1
Truck-tractor with triple trailers	436.6	S	S	S	400.9	S	S	V	13.2
7 axles	S	V	V	V	S	V	S	V	S
8 axles or more	414.8	S	S	S	379.2	S	V	V	13.5
Trailer not specified	V	V	V	V	V	V	V	V	N
Powered axles	1 044 235.0	657 762.1	172 748.5	68 171.6	53 373.3	65 998.7	26 180.8	V	.6
1	625 510.3	410 436.0	112 321.7	40 406.9	22 754.9	21 950.0	17 640.9	V	1.0
2	415 144.8	246 831.6	60 007.0	27 280.8	29 983.3	42 569.4	8 472.7	V	1.1
3 or more	3 579.8	494.5	419.8	484.0	635.1	1 479.3	67.2	V	5.0
Not reported	V	V	V	V	V	V	V	V	N
CAB TYPE[9]									
Cab forward of engine	3 335.8	1 479.9	1 119.1	279.4	132.6	261.8	63.0	V	4.6
Cab over engine	19 006.4	5 159.3	3 670.1	2 647.3	3 167.7	4 193.9	168.2	V	2.0
Conventional cab	124 166.7	28 250.7	19 810.0	15 602.3	23 212.5	35 524.4	1 766.8	V	.6
Cab beside engine	531.4	347.6	90.9	S	33.9	S	11.8	V	12.1
Other	1 190.0	621.6	381.0	46.3	57.9	57.9	25.4	V	7.6
Not reported	12 897.9	5 196.7	1 682.5	1 242.5	1 761.3	2 869.7	145.2	V	2.5

See footnotes at end of table.

Table 9. **Truck Miles by Primary Range of Operation: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Primary range of operation							Relative standard error of total (percent)
		Local	Short-range	Short-range medium	Long-range medium	Long-range	Off-the-road	Not reported	
PICKUPS, PANELS, VANS, SPORT UTILITIES, AND STATION WAGONS									
Total	886 871.3	619 536.8	146 592.7	48 438.4	25 099.5	23 117.3	24 086.5	V	.7
Pickups	453 721.0	308 163.9	86 169.6	25 472.9	10 180.8	9 188.1	14 545.6	V	1.1
Minivans	146 899.6	107 639.0	18 288.3	7 172.6	4 967.0	5 240.2	3 592.5	V	2.3
Panels or vans	71 414.5	45 804.0	12 917.9	5 597.0	2 388.9	2 982.2	1 724.4	V	3.6
Sport utilities	190 521.1	140 582.4	26 288.2	8 840.3	6 449.7	4 549.0	3 811.6	V	1.9
Station wagons	24 315.1	17 347.6	2 928.7	1 355.6	1 113.1	1 157.7	412.4	V	5.9
Driving wheels	886 871.3	619 536.8	146 592.7	48 438.4	25 099.5	23 117.3	24 086.5	V	.7
4-wheel drive	324 116.2	233 813.2	48 258.7	15 692.0	10 799.7	7 884.8	7 667.8	V	1.4
2-wheel drive	562 755.1	385 723.7	98 334.0	32 746.4	14 299.8	15 232.5	16 418.8	V	1.1
Front-wheel drive	190 504.9	135 496.3	27 840.8	8 862.7	6 359.6	6 004.8	5 940.7	V	2.0
Not reported	V	V	V	V	V	V	V	V	N

Note: Some estimates may have high relative standard errors of estimate (RSEs). See Appendix for approximating the RSEs for estimates other than the total. The U.S. estimates may differ from the sum of the state estimates because of rounding.

[1]Includes trucks registered in one state with a mailing address of another state. These trucks were excluded from the 1992 survey.
[2]New or modified data line from 1992.
[3]Lease characteristics include both "leased from" and "leased to" vehicles. Lease provisions apply to a period of 1 year or more.
[4]Detail does not add to total because items were not applicable or multiple responses were possible.
[5]Truck miles distribution shown for hazardous materials carried.
[6]Pickups, panels, vans, minivans, and sport utilities were not requested to report the information shown in the Equipment Type section, except for power steering, antilock brakes, wheelchair lift, vehicle control aids for handicapped drivers, electronic vehicle management system, air-conditioning, and airbag(s). In the Fuel Conservation Equipment section, they reported only radial tires.
[7]Data were derived from administrative records. "Not reported" indicates those trucks for which the cylinders are unknown.
[8]Data were derived from administrative records. "Not reported" indicates those trucks for which the cubic inch displacement is unknown.
[9]Pickups, panels, vans, minivans, and sport utilities are not included.

Table 10. **Truck Miles by Truck Type: 1997**

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Truck type: Single-unit trucks	Combination: Total	Single-unit truck with trailer	Single-unit truck with utility trailer	Truck-tractor with single trailer	Truck-tractor with double trailers	Truck-tractor with triple trailers	Trailer not specified	Relative standard error of total (percent)
Total trucks	**1 044 235.0**	**929 378.0**	**114 857.0**	**2 736.6**	**10 995.8**	**92 221.3**	**8 466.7**	**436.6**	**V**	**X**
Relative standard error (percent)	.6	.7	1.0	5.9	8.5	.7	3.8	13.2	V	X
MAJOR USE										
Agriculture	37 495.4	31 418.8	6 076.6	330.4	1 734.4	3 837.2	173.6	S	V	4.0
Forestry and lumbering	5 579.8	3 080.2	2 499.6	153.3	79.2	2 204.8	60.6	S	V	6.8
Mining and quarrying	4 679.3	3 503.9	1 175.4	107.5	44.7	958.2	63.6	S	V	10.0
Construction	108 145.0	100 833.1	7 311.9	508.7	2 730.9	3 924.1	147.0	S	V	3.3
Manufacturing	16 965.8	10 448.1	6 517.7	183.2	138.4	6 101.1	95.0	V	V	5.2
Wholesale trade	32 462.4	24 010.4	8 452.0	239.6	188.4	7 713.4	305.1	S	V	4.7
Retail trade	40 273.7	34 894.2	5 379.5	182.8	603.7	4 430.8	160.7	S	V	4.5
For-hire transportation	72 854.9	8 358.5	64 496.3	684.1	82.7	56 259.0	7 046.0	424.5	V	1.4
Utilities	9 437.6	8 783.0	654.6	121.5	290.2	232.7	S	V	V	8.4
Services	71 034.5	65 114.0	5 920.5	181.0	1 519.8	3 832.5	387.2	V	V	3.6
Daily rental	13 067.7	10 273.3	2 794.4	S	S	2 668.0	17.5	V	V	7.9
One-way rental	656.4	641.7	14.7	V	V	14.7	V	V	V	13.6
Personal transportation	631 346.5	627 784.6	3 561.9	22.5	3 495.8	43.6	S	V	V	.9
Other	V	V	V	V	V	V	V	V	V	N
Not in use	236.0	234.2	1.9	S	S	1.2	S	V	V	14.7
Not reported	V	V	V	V	V	V	V	V	V	N
BODY TYPE										
Pickup	453 721.0	446 315.3	7 405.7	S	7 342.8	N	N	N	V	1.1
Minivan	146 899.6	146 509.9	S	V	S	N	N	N	V	2.3
Panel or van	71 414.5	70 982.0	432.5	V	432.5	N	N	N	V	3.6
Utility vehicles[2]	214 836.2	214 103.5	732.7	V	732.7	N	N	N	V	1.7
Sport utility	190 521.1	190 042.7	478.4	V	478.4	N	N	N	V	1.9
Station wagon	24 315.1	24 060.8	S	V	S	N	N	N	V	5.9
Multistop or stepvan	9 428.6	9 199.3	229.2	S	41.9	159.8	S	V	V	3.2
Platform with added devices	3 670.1	2 880.9	789.2	39.1	154.8	581.6	S	V	V	4.0
Low boy or depressed center	2 708.6	97.0	2 611.6	213.6	80.2	2 199.7	S	S	V	5.3
Basic platform	22 383.8	8 390.6	13 993.1	505.2	818.4	11 895.1	772.8	S	V	1.8
Livestock truck	1 037.3	117.3	919.9	40.4	13.9	857.7	7.9	V	V	7.7
Insulated nonrefrigerated van	2 575.8	214.1	2 361.7	S	S	2 305.3	S	V	V	5.3
Insulated refrigerated van	16 363.0	1 879.3	14 483.6	130.2	S	14 204.5	132.2	V	V	2.4
Drop-frame van	2 357.5	474.2	1 883.3	S	V	1 462.3	394.3	V	V	6.6
Open-top van	1 032.9	45.0	987.9	S	S	908.3	17.3	V	V	8.7
Basic enclosed van	55 849.4	8 813.0	47 036.4	222.8	133.9	40 191.7	6 056.9	431.1	V	1.2
Beverage	1 244.7	563.0	681.7	S	S	629.8	S	V	V	7.1
Public utility	1 669.0	1 426.8	242.2	38.8	188.2	S	V	V	V	5.5
Winch or crane	808.1	635.3	172.8	20.5	20.9	131.5	V	V	V	7.1
Wrecker	1 737.3	1 733.7	3.6	V	S	S	S	V	V	7.0
Pole or logging	2 158.8	237.4	1 921.4	211.6	31.9	1 627.6	48.6	S	V	4.9
Auto transport	915.3	131.0	784.3	30.4	S	752.8	S	V	V	9.7
Service truck	2 263.8	2 208.9	54.9	2.2	52.2	S	V	V	V	5.2
Yard tractor	113.8	S	90.3	S	S	87.9	S	V	V	26.1
Oilfield truck	440.7	268.3	172.5	21.4	S	138.7	S	V	V	10.6
Grain body	2 772.5	696.9	2 075.6	67.7	4.1	1 857.4	146.4	V	V	4.0
Garbage hauler	2 307.0	2 002.8	304.2	S	S	257.2	S	V	V	5.0
Dump truck	11 369.6	5 901.7	5 467.9	592.4	370.3	4 138.9	365.6	S	V	2.0
Tank truck (liquids or gases)	8 604.6	2 124.7	6 479.8	366.3	67.6	5 878.2	167.7	V	V	3.1
Tank truck (dry bulk)	1 855.3	172.8	1 682.5	S	S	1 541.5	120.3	V	V	6.6
Concrete mixer	1 126.4	1 084.5	41.9	S	S	20.0	S	V	V	4.0
Other	570.0	145.3	424.7	18.1	S	375.5	S	V	V	12.6
Not reported	V	V	V	V	V	V	V	V	V	N
ANNUAL MILES										
Less than 5,000	25 234.7	24 547.6	687.1	50.8	409.2	219.1	7.7	S	V	2.2
5,000 to 9,999	93 905.6	91 945.0	1 960.6	155.5	1 297.1	492.1	14.6	S	V	1.7
10,000 to 19,999	399 709.0	394 505.4	5 203.6	286.5	3 154.7	1 699.5	62.7	S	V	1.0
20,000 to 29,999	229 681.6	224 567.0	5 114.6	248.8	2 191.1	2 511.4	157.8	S	V	2.0
30,000 to 49,999	151 776.0	140 208.5	11 567.4	518.3	2 911.0	7 519.7	612.5	5.9	V	3.2
50,000 to 74,999	54 517.4	37 590.7	16 926.7	575.2	814.1	14 833.5	686.2	S	V	5.4
75,000 or more	89 410.6	16 013.7	73 396.9	901.7	218.5	64 946.0	6 925.1	405.6	V	2.8
PRIMARY RANGE OF OPERATION										
Local	657 762.1	643 086.1	14 676.0	859.2	5 367.3	8 125.8	321.5	S	V	.8
Short-range	172 748.5	157 078.5	15 670.0	669.2	2 807.7	11 513.8	677.2	S	V	2.5
Short-range medium	68 171.6	52 800.2	15 371.4	502.2	827.0	12 787.5	1 230.4	S	V	3.8
Long-range medium	53 373.3	27 590.4	25 782.9	248.6	662.4	20 604.3	3 866.7	400.9	V	3.4
Long-range	65 998.7	23 833.2	42 165.5	383.6	752.4	38 656.4	2 365.9	S	V	2.6
Off-the-road	26 180.8	24 989.6	1 191.2	73.7	578.9	533.5	4.9	S	V	5.9
Not reported	V	V	V	V	V	V	V	V	V	N

See footnotes at end of table.

Table 10. **Truck Miles by Truck Type: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Truck type: Single-unit trucks	Combination: Total	Single-unit truck with trailer	Single-unit truck with utility trailer	Truck-tractor with single trailer	Truck-tractor with double trailers	Truck-tractor with triple trailers	Trailer not specified	Relative standard error of total (percent)
WEEKS OPERATED										
Less than 1	289.4	280.8	8.6	.9	S	3.1	S	V	V	23.4
1 to 4	5 023.9	4 787.6	236.3	14.8	S	66.8	2.4	V	V	7.8
5 to 8	9 388.8	8 549.0	839.8	30.3	298.1	479.4	17.7	S	V	7.6
9 to 12	14 407.2	13 342.5	1 064.7	30.7	298.6	704.8	30.6	V	V	7.8
13 to 16	12 817.0	11 686.0	1 131.0	30.7	241.8	815.0	36.2	S	V	6.8
17 to 20	12 899.7	11 472.2	1 427.5	36.7	435.0	913.4	S	V	V	7.1
21 to 24	19 529.1	17 662.3	1 866.8	87.8	287.1	1 437.3	51.5	S	V	5.4
25 to 28	32 711.8	29 932.6	2 779.2	130.3	389.0	2 085.2	141.4	33.2	V	4.4
29 to 32	29 007.3	26 614.4	2 392.9	131.9	403.0	1 773.0	73.7	S	V	4.5
33 to 36	31 160.8	28 274.0	2 886.8	106.6	418.7	2 231.9	118.9	S	V	5.4
37 to 40	33 004.5	28 249.2	4 755.3	240.5	612.0	3 660.0	235.1	7.8	V	5.5
41 to 44	42 458.0	35 155.4	7 302.6	304.8	704.8	6 052.8	227.3	S	V	3.9
45 to 48	86 855.7	69 116.9	17 738.8	268.9	1 442.7	15 586.9	429.2	S	V	2.8
49 to 52	695 315.8	629 577.8	65 738.0	1 230.0	5 123.9	52 182.6	6 877.6	323.8	V	.9
Not reported	19 344.2	14 655.5	4 688.7	91.6	184.2	4 229.1	182.5	S	V	5.7
BASE OF OPERATION										
Percentage of miles traveled outside base-of-operation state:										
Less than 25 percent	782 869.0	746 193.4	36 675.6	1 788.9	8 113.0	24 427.0	2 319.9	S	V	.8
25 to 49 percent	56 285.7	47 029.0	9 256.7	216.2	632.9	7 869.6	533.7	S	V	3.5
50 to 74 percent	43 760.0	28 643.6	15 116.4	154.7	759.0	13 267.1	914.7	S	V	3.9
75 to 100 percent	47 440.6	18 382.8	29 057.8	121.5	581.7	26 606.8	1 370.9	376.9	V	3.2
No home base	10 999.2	711.0	10 288.2	85.7	S	7 447.1	2 747.3	S	V	3.2
Not reported	102 880.5	88 418.3	14 462.2	369.5	905.7	12 603.7	580.2	S	V	2.6
VEHICLE SIZE										
Light	896 361.5	888 558.9	7 802.6	140.7	7 651.3	10.6	V	V	V	.7
Medium	19 814.9	17 069.0	2 745.9	165.6	2 244.2	332.6	S	V	V	4.4
Light-heavy	10 128.8	8 476.3	1 652.5	200.3	395.1	880.2	176.8	V	V	2.9
Heavy-heavy	117 929.9	15 273.8	102 656.0	2 230.0	705.1	90 998.0	8 286.3	436.6	V	.6
AVERAGE WEIGHT (POUNDS)										
Less than 6,001	821 915.3	817 743.8	4 171.4	S	4 170.7	S	V	V	V	.7
6,001 to 10,000	74 446.2	70 815.0	3 631.2	140.1	3 480.6	10.5	V	V	V	3.8
10,001 to 14,000	11 501.5	9 784.2	1 717.3	51.8	1 572.6	92.8	V	V	V	6.3
14,001 to 16,000	3 951.2	3 353.6	597.6	49.5	395.4	152.6	S	V	V	4.8
16,001 to 19,500	4 362.2	3 931.2	431.0	64.3	276.1	87.2	S	V	V	10.2
19,501 to 26,000	10 128.8	8 476.3	1 652.5	200.3	395.1	880.2	176.8	V	V	2.9
26,001 to 33,000	7 092.0	5 038.7	2 053.4	115.2	261.2	1 651.5	25.5	V	V	3.6
33,001 to 40,000	6 594.0	1 720.4	4 873.6	186.2	112.8	3 381.0	825.3	368.5	V	3.1
40,001 to 50,000	13 078.1	3 118.5	9 959.6	228.5	85.3	9 261.9	363.6	S	V	2.4
50,001 to 60,000	12 652.5	2 587.5	10 065.0	133.4	102.4	8 640.6	1 188.6	V	V	2.4
60,001 to 80,000	74 723.5	2 757.0	71 966.5	1 205.1	115.6	65 687.8	4 916.2	41.8	V	.9
80,001 to 100,000	2 427.0	44.6	2 382.4	224.8	15.2	1 827.7	310.6	S	V	4.2
100,001 to 130,000	1 050.7	6.8	1 044.0	119.3	12.6	425.6	484.6	S	V	6.4
130,001 or more	311.8	S	311.5	17.6	V	122.0	171.9	V	V	11.7
Not reported	V	V	V	V	V	V	V	V	V	N
TOTAL LENGTH (FEET)										
Less than 20.0	894 155.7	894 066.4	89.3	V	89.3	V	V	V	V	.7
20.0 to 27.9	25 529.1	23 354.5	2 174.6	24.2	2 144.3	S	V	V	V	2.1
28.0 to 35.9	18 151.6	10 232.6	7 919.0	123.7	7 475.5	319.8	V	V	V	5.0
36.0 to 40.9	3 203.7	1 346.8	1 856.9	204.0	675.8	977.0	V	V	V	4.6
41.0 to 44.9	2 004.7	273.6	1 731.1	256.0	331.9	1 143.3	V	V	V	7.0
45.0 or more	101 188.5	104.1	101 084.4	2 128.7	279.0	89 773.4	8 466.7	436.6	V	.7
Not reported	V	V	V	V	V	V	V	V	V	N
YEAR MODEL										
1998	3 660.3	1 659.5	2 000.8	11.3	S	1 833.7	155.0	V	V	8.5
1997	81 967.3	69 668.9	12 298.4	179.5	485.2	10 398.8	1 163.5	71.3	V	2.9
1996	108 760.0	92 718.6	16 041.3	238.1	726.0	13 886.1	1 132.0	59.1	V	2.9
1995	119 211.3	102 345.4	16 865.9	370.9	853.8	14 116.7	1 391.6	132.9	V	2.9
1994	102 191.7	89 395.4	12 796.3	121.2	1 747.3	10 027.3	814.4	86.1	V	2.9
1993	87 956.4	78 208.9	9 747.5	135.6	878.0	8 039.7	670.2	S	V	3.2
1992	67 133.6	60 919.8	6 213.8	125.3	485.6	5 162.6	418.5	21.7	V	3.8
1991	62 124.8	56 403.7	5 721.1	160.8	878.3	4 228.3	451.4	S	V	3.8
1990	58 874.8	53 310.5	5 564.4	125.7	462.2	4 279.1	666.8	S	V	3.7
1989	64 779.7	59 118.1	5 661.7	149.3	649.8	4 425.3	437.3	V	V	4.1
1988	54 770.9	50 232.7	4 538.2	204.4	467.2	3 525.4	341.2	V	V	3.5
Pre-1988	232 804.1	215 396.6	17 407.5	914.5	3 361.4	12 298.3	824.8	S	V	1.7
Not reported	V	V	V	V	V	V	V	V	V	N

See footnotes at end of table.

Table 10. **Truck Miles by Truck Type: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Truck type: Single-unit trucks	Combination: Total	Single-unit truck with trailer	Single-unit truck with utility trailer	Truck-tractor with single trailer	Truck-tractor with double trailers	Truck-tractor with triple trailers	Trailer not specified	Relative standard error of total (percent)
VEHICLE ACQUISITION										
Purchased new	472 818.3	413 882.0	58 936.3	1 214.8	4 059.4	47 756.6	5 735.2	170.3	V	1.2
Purchased used	472 455.5	440 473.4	31 982.1	1 129.3	6 445.1	23 499.3	861.8	46.6	V	1.2
Leased from someone else	86 498.7	63 449.6	23 049.2	361.7	459.1	20 173.8	1 835.1	219.5	V	2.8
Not reported	12 462.4	11 573.0	889.4	S	S	791.5	34.7	S	V	9.7
LEASE CHARACTERISTICS[3 4]										
Leased without driver	36 281.9	10 058.5	26 223.4	374.1	198.8	23 806.0	1 699.2	145.4	V	1.6
Leased with driver other than owner-operator	3 999.0	640.4	3 358.6	30.8	49.7	3 220.3	57.8	V	V	4.5
Leased with owner-operator	9 856.0	1 143.1	8 712.9	151.5	56.5	8 106.3	319.5	79.0	V	3.0
Provisions of lease:										
Financing	14 874.8	2 645.0	12 229.8	153.3	112.3	10 490.6	1 328.3	145.4	V	2.6
Full maintenance	14 007.0	3 132.7	10 874.4	134.5	50.2	10 369.7	318.2	S	V	2.7
Maintenance on specific parts	1 271.8	248.1	1 023.8	S	S	941.5	S	V	V	10.0
Payment of taxes	13 895.5	3 036.7	10 858.8	185.2	35.7	10 393.7	242.9	S	V	2.7
Obtaining licenses and permits	17 221.9	3 071.5	14 150.3	210.2	44.5	13 615.0	277.7	S	V	2.4
Record keeping for leased trucks	13 584.8	2 531.2	11 053.6	146.4	40.8	10 683.2	181.5	S	V	2.7
Other	2 210.2	292.6	1 917.6	S	41.2	1 555.2	226.5	67.7	V	6.8
PRIMARY OPERATOR CLASSIFICATION										
Not for hire	958 312.4	910 746.1	47 566.3	2 031.0	10 825.7	33 294.3	1 403.2	12.1	V	.6
Business use	307 717.4	264 316.3	43 401.1	2 002.3	6 749.6	33 234.0	1 403.1	12.1	V	1.6
Personal transportation	631 525.8	627 963.8	3 561.9	22.5	3 495.8	43.6	S	V	V	.9
Mixed—business use/personal transportation	19 069.2	18 466.0	603.2	6.3	580.2	16.7	V	V	V	6.5
For hire	72 854.9	8 358.6	64 496.3	684.1	82.7	56 259.0	7 046.0	424.5	V	1.4
Motor carrier	52 512.9	3 207.1	49 305.8	433.3	22.5	41 839.1	6 598.9	412.1	V	1.2
Owner/operator	13 142.3	872.4	12 269.8	221.5	S	11 655.3	356.0	S	V	2.6
Independent	5 832.9	654.6	5 178.3	180.4	S	4 794.0	168.9	S	V	3.9
Leased to a company	7 309.3	217.8	7 091.5	41.1	S	6 861.3	187.1	S	V	3.7
Not reported	1 598.8	153.8	1 445.0	S	S	1 385.7	55.0	V	V	9.2
Daily rental	13 067.7	10 273.3	2 794.4	S	S	2 668.0	17.5	V	V	7.9
Mixed—not for hire/for hire	2 942.2	1 681.6	1 260.6	27.0	37.0	1 158.1	38.4	V	V	16.7
For-hire jurisdiction:										
Interstate	51 788.4	1 354.6	50 433.8	245.9	S	43 994.8	5 760.7	418.4	V	1.2
Intrastate	9 172.2	1 436.1	7 736.1	336.7	24.0	6 597.8	777.3	S	V	3.1
Local	3 283.0	1 389.6	1 893.4	90.5	S	1 390.4	398.9	S	V	5.0
Not reported	4 702.2	295.8	4 406.5	11.0	S	4 276.6	109.1	S	V	4.8
Type of carrier (interstate only):										
Contract	24 455.5	420.7	24 034.8	90.7	S	21 955.3	1 585.9	389.5	V	1.8
Common	25 314.8	890.8	24 423.9	145.2	S	20 212.9	4 036.4	28.9	V	1.9
Exempt	1 397.8	39.2	1 358.6	S	V	1 307.2	S	V	V	8.7
Not reported	685.8	S	679.5	S	V	582.5	94.5	V	V	12.8
Kind of service:										
Truckload	46 815.6	1 917.4	44 898.3	629.1	44.7	41 791.4	2 055.4	377.7	V	1.3
Less than truckload	16 471.9	2 215.1	14 256.8	41.4	S	9 399.1	4 769.0	40.9	V	2.5
Not reported	5 656.4	341.8	5 314.6	13.6	S	5 069.2	221.6	S	V	4.4
PRIMARY PRODUCTS CARRIED										
Farm products	17 070.5	9 132.1	7 938.4	268.5	368.4	6 873.2	427.3	S	V	5.6
Live animals	8 392.3	5 123.4	3 268.9	110.2	1 154.2	1 962.4	42.2	V	V	8.4
Animal feed	5 709.5	4 082.7	1 626.8	33.0	65.6	1 463.6	64.7	V	V	8.4
Mining products	1 917.7	689.2	1 228.5	82.8	14.9	1 028.6	102.2	V	V	10.6
Logs and other forest products	4 905.8	1 773.0	3 132.8	223.2	198.5	2 637.5	72.1	S	V	7.1
Lumber and fabricated wood products	12 284.3	8 343.0	3 941.3	118.9	452.1	3 024.4	345.9	V	V	9.8
Processed foods	29 822.7	10 609.5	19 213.2	122.2	83.1	18 475.2	532.7	V	V	2.8
Textile mill products	8 511.1	4 896.4	3 614.7	S	S	3 492.3	57.7	S	V	6.9
Building materials	27 060.3	19 677.3	7 383.0	605.6	541.9	5 791.5	442.7	S	V	6.1
Household goods	5 520.9	3 960.4	1 560.5	S	S	1 467.0	S	V	V	7.7
Furniture or hardware	5 675.4	3 490.9	2 184.5	S	S	2 002.7	47.4	V	V	8.2
Paper products	11 720.6	6 211.3	5 509.3	23.9	S	4 936.6	338.5	S	V	6.9
Chemicals	11 640.0	7 877.0	3 763.0	46.5	S	3 546.0	108.9	V	V	7.5
Petroleum	6 059.8	2 968.2	3 091.6	297.0	67.1	2 613.0	114.6	V	V	5.4
Plastics and/or rubber	3 728.7	1 571.5	2 157.2	28.0	133.5	1 935.9	58.4	S	V	8.9
Primary metal products	7 632.3	3 633.9	3 998.4	64.1	33.9	3 811.0	89.4	V	V	9.2
Fabricated metal products	7 259.1	4 793.1	2 466.0	65.1	S	2 032.9	S	S	V	9.8
Machinery	18 941.7	12 228.1	6 713.6	201.1	1 471.0	4 026.5	1 013.7	S	V	7.3
Transportation equipment	11 301.9	7 304.1	3 997.7	100.5	351.1	3 532.9	10.2	S	V	7.3
Glass products	1 507.8	938.8	569.0	S	S	501.7	S	V	V	21.7
Miscellaneous products of manufacturing	11 061.6	6 841.1	4 220.4	S	85.4	3 798.7	257.9	V	V	7.3
Industrial "waste" water	228.0	92.1	135.9	S	S	130.2	S	V	V	17.4
Scrap, refuse, or garbage	4 340.8	3 595.3	745.5	S	61.8	626.1	S	V	V	8.1
Mixed cargoes	28 129.9	13 647.4	14 482.5	85.3	S	9 716.5	4 054.9	391.4	V	4.0
Craftsman's equipment	58 043.1	56 793.8	1 249.3	44.5	824.9	338.0	S	V	V	4.2
Recyclable products	1 693.4	892.1	801.2	S	S	598.5	S	V	V	11.8
Hazardous waste (EPA manifest)	465.8	49.9	415.9	V	S	404.7	V	V	V	16.9
Hazardous waste (non-EPA manifest)	82.7	33.8	48.9	S	V	46.9	V	V	V	27.0
Personal transportation	631 346.5	627 784.6	3 561.9	22.5	3 495.8	43.6	S	V	V	.9
Passengers	21 297.7	21 015.9	281.8	V	281.8	V	V	V	V	7.6

See footnotes at end of table.

Table 10. **Truck Miles by Truck Type: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Truck type: Single-unit trucks	Combination: Total	Single-unit truck with trailer	Single-unit truck with utility trailer	Truck-tractor with single trailer	Truck-tractor with double trailers	Truck-tractor with triple trailers	Trailer not specified	Relative standard error of total (percent)
PRIMARY PRODUCTS CARRIED—Con.										
No load carried	77 757.6	77 576.1	S	S	S	36.9	S	V	V	3.7
Not in use	236.0	234.2	1.9	S	S	1.2	S	V	V	14.7
Other	2 889.7	1 517.9	1 371.8	10.6	S	1 325.1	S	V	V	11.5
Not reported	V	V	V	V	V	V	V	V	V	N
HAZARDOUS MATERIALS CARRIED[5]										
Carrying hazardous materials[2 4]	24 787.3	2 565.0	22 222.3	385.0	82.7	16 441.2	4 921.6	391.8	V	1.9
Hazmat placard names:										
Explosives 1.1 (formerly explosive A)	57.9	26.3	31.6	S	S	23.4	1.7	V	V	26.2
Explosives 1.2 (formerly explosive A)	S	S	16.3	V	V	15.1	1.2	V	V	S
Explosives 1.3 (formerly explosive B)	29.9	S	18.4	V	V	17.0	1.4	V	V	41.9
Explosives 1.4 (formerly dangerous)	120.1	29.0	91.1	1.8	S	40.3	43.4	V	V	13.4
Explosives 1.5 (formerly blasting agents)	86.6	S	64.8	S	S	29.5	34.8	V	V	20.3
Explosives 1.6 (formerly dangerous)	86.1	S	73.2	S	V	36.8	35.7	V	V	18.3
Flammable gas	1 453.5	607.1	846.4	45.5	S	657.0	119.9	V	V	6.2
Nonflammable gas	730.5	143.9	586.5	2.8	S	473.3	107.7	V	V	8.9
Poisonous gas	101.0	S	79.7	S	S	33.7	44.9	V	V	14.3
Flammable	3 860.7	621.2	3 239.5	167.4	17.8	2 449.8	480.1	124.5	V	4.0
Combustible	1 791.9	330.2	1 461.7	72.1	S	876.4	388.2	120.8	V	4.7
Flammable solid	237.4	S	221.0	S	V	154.3	65.8	V	V	10.2
Spontaneously combustible (formerly flammable solid)	168.7	S	155.9	S	V	102.1	53.2	V	V	20.3
Dangerous when wet (formerly flammable solid W)	160.6	S	142.0	S	V	86.0	55.4	V	V	12.1
Oxidizer	478.8	39.1	439.7	1.8	S	346.5	90.9	V	V	8.0
Oxygen	199.8	83.0	116.8	S	S	63.0	52.9	V	V	13.0
Organic peroxide	123.5	S	111.6	S	V	49.4	61.6	V	V	11.3
Poison (formerly poisons A and B, solids, and liquids)	287.9	34.8	253.1	S	S	177.6	74.0	V	V	11.5
Keep away from food	177.4	24.0	153.4	1.6	V	94.5	57.2	V	V	13.9
Radioactive	78.7	31.1	47.6	S	V	23.7	22.1	V	V	21.0
Corrosive	2 105.3	125.8	1 979.5	S	S	1 437.7	411.5	120.8	V	4.5
Class 9	596.0	35.0	560.9	6.8	S	495.7	57.5	V	V	9.3
Hazardous materials not specified[2]	2 734.5	111.6	2 622.9	14.0	S	1 186.6	1 393.5	S	V	5.9
No hazardous materials carried	996 245.3	914 967.9	81 277.4	2 046.2	S	65 553.9	2 980.9	S	V	.6
Not reported	23 202.3	11 845.1	11 357.2	305.4	246.2	10 226.2	564.2	S	V	1.9
TRUCK FLEET SIZE										
1	259 501.0	246 261.2	13 239.8	511.8	3 190.4	9 312.5	223.2	S	V	1.8
2 to 5	136 934.5	124 227.5	12 707.0	544.0	3 044.1	8 874.6	243.2	S	V	2.6
6 to 9	25 369.3	20 100.5	5 268.8	247.6	550.9	4 314.9	155.4	V	V	4.9
10 to 24	35 201.9	25 599.9	9 602.1	343.2	1 200.3	7 749.2	299.9	S	V	4.3
25 to 99	38 165.6	23 145.4	15 020.2	389.1	336.2	13 771.2	520.0	S	V	3.6
100 or more	78 125.8	30 897.4	47 228.4	463.1	376.0	39 427.2	6 547.3	414.7	V	2.3
Not reported	470 936.9	459 146.1	11 790.8	237.7	2 297.8	8 771.6	477.7	S	V	1.2
MILES PER GALLON										
Less than 5	14 865.0	3 797.5	11 067.6	460.1	195.3	9 686.2	722.7	S	V	1.9
5 to 6.9	85 014.6	11 058.9	73 955.7	1 288.9	581.9	65 385.9	6 268.1	430.9	V	.8
7 to 8.9	25 757.0	13 943.2	11 813.8	375.0	1 050.3	9 183.0	1 204.9	S	V	2.5
9 to 10.9	56 385.2	53 013.3	3 371.9	199.7	1 958.1	1 190.2	23.8	S	V	3.6
11 to 12.9	95 166.3	92 667.1	2 499.1	80.3	2 077.4	339.1	2.4	V	V	3.1
13 to 14.9	118 154.6	116 514.5	1 640.1	60.8	1 456.5	122.2	S	V	V	2.7
15 or more	637 416.7	633 559.6	3 857.1	53.3	3 533.4	270.5	S	V	V	1.0
15 to 20.9	483 885.0	480 231.6	3 653.4	53.3	3 329.7	270.5	S	V	V	1.2
21 to 24.9	121 513.4	121 310.6	202.8	V	202.8	V	V	V	V	2.9
25 or more	32 018.3	32 017.4	S	V	S	V	V	V	V	6.2
Not reported	11 436.8	4 785.2	6 651.6	218.5	143.0	6 044.1	244.2	S	V	3.1
EQUIPMENT TYPE[4 6]										
Braking system	161 694.6	55 711.0	105 983.5	2 683.4	2 175.6	92 221.3	8 466.7	436.6	V	.5
Hydraulic	13 993.0	11 983.6	2 009.4	169.8	637.9	1 194.6	S	V	V	2.2
Hydraulic (power)	19 229.7	16 783.4	2 446.3	269.1	673.4	1 446.6	57.3	V	V	1.8
Air	112 645.0	17 502.1	95 142.9	2 055.5	575.8	83 952.9	8 123.3	435.3	V	.6
Other	1 018.0	883.5	134.5	S	32.0	90.6	V	V	V	8.0
Not reported	14 808.9	8 558.4	6 250.5	177.1	256.5	5 536.5	279.2	S	V	2.7
Antilock brakes	489 496.9	454 731.8	34 765.1	586.7	5 269.5	25 481.9	3 045.6	381.5	V	1.2
Power steering	922 545.7	821 276.2	101 269.5	2 465.1	10 210.7	81 838.1	6 332.5	423.1	V	.7
Vehicle control aids for handicapped drivers	2 400.8	2 284.3	S	V	S	V	V	V	V	25.2
Air-conditioning	807 347.9	711 317.2	96 030.7	1 999.6	8 070.2	78 944.9	6 590.9	425.2	V	.8
Wheelchair lift	2 158.6	2 158.6	V	V	V	V	V	V	V	21.2
Engine retarder	55 246.5	5 029.3	50 217.2	1 051.5	157.4	45 019.0	3 616.5	372.9	V	1.1
Reflective materials	50 555.8	11 106.7	39 449.1	774.7	445.5	34 680.0	3 179.4	369.4	V	1.2
Electronic vehicle management system	247 920.4	212 260.3	35 660.1	326.5	1 974.0	29 615.0	3 376.9	367.8	V	1.7
Electronic vehicle identification device (transponder, etc.)	13 134.2	467.4	12 666.8	82.4	S	10 960.1	1 227.4	364.7	V	2.8
Trip recorders/on board computer system	28 440.0	2 380.9	26 059.1	402.3	73.3	22 680.1	2 536.1	367.3	V	1.7
Navigational systems	5 769.0	196.7	5 572.3	51.3	S	4 776.3	743.3	V	V	4.3
Airbag(s)[2]	305 743.4	278 402.9	27 340.6	453.9	1 876.5	23 217.6	1 409.5	383.1	V	1.5

See footnotes at end of table.

Table 10. **Truck Miles by Truck Type: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Truck type: Single-unit trucks	Combination: Total	Single-unit truck with trailer	Single-unit truck with utility trailer	Truck-tractor with single trailer	Truck-tractor with double trailers	Truck-tractor with triple trailers	Trailer not specified	Relative standard error of total (percent)
FUEL CONSERVATION EQUIPMENT[4 6]										
Aerodynamic features	62 997.8	4 112.7	58 885.1	540.5	134.8	51 523.4	6 277.3	409.1	V	1.1
Axle or drive ratio	71 247.1	9 867.0	61 380.1	847.0	342.4	53 282.8	6 502.1	405.8	V	1.0
Fuel economy engine	82 709.3	13 337.1	69 372.1	1 364.1	462.6	60 440.6	6 714.4	390.5	V	.9
Radial tires	866 737.1	768 570.7	98 166.4	2 336.1	9 461.3	78 433.6	7 517.1	418.3	V	.7
Road speed governors	71 638.3	11 510.9	60 127.4	1 028.3	450.6	52 776.0	5 478.1	394.3	V	1.0
Variable fan drives	72 215.0	9 899.8	62 315.2	1 208.0	350.3	53 793.5	6 567.9	395.5	V	1.0
Other fuel conservation devices	24 915.7	1 882.2	23 033.5	189.9	90.6	18 717.4	3 657.3	378.3	V	1.9
MAINTENANCE[4]										
General maintenance performed by—										
Owner	450 496.4	424 419.2	26 077.1	887.6	6 494.6	18 094.6	593.8	S	V	1.3
Company's maintenance facilities	126 892.1	65 728.6	61 163.5	1 184.3	1 791.0	50 552.7	7 232.6	403.0	V	1.9
Dealership's service department	244 182.2	228 555.1	15 627.1	428.6	1 821.1	12 970.6	406.8	V	V	1.7
Leasing company	10 965.9	6 617.6	4 348.3	65.1	S	4 038.8	59.7	V	V	7.5
Independent garage	375 861.8	350 428.4	25 433.4	444.8	3 453.5	18 946.3	2 204.8	384.0	V	1.4
Component distributorship	13 846.9	10 062.8	3 784.1	51.0	S	3 447.9	42.3	S	V	7.1
No one	8 469.8	8 245.1	224.7	S	S	173.2	S	V	V	9.9
Other	8 168.6	6 946.0	1 222.6	S	S	985.5	S	V	V	8.8
Not reported	44 791.0	33 820.5	10 970.5	231.6	304.3	10 180.5	251.1	S	V	3.7
Major overhauls performed by—										
Owner	66 913.2	62 051.6	4 861.6	129.2	1 311.9	3 326.7	93.6	S	V	3.4
Company's maintenance facilities	58 767.4	29 513.9	29 253.5	519.8	1 223.2	23 061.0	4 396.5	53.0	V	3.1
Dealership's service department	181 013.1	150 833.3	30 179.8	729.8	1 382.3	25 797.5	1 901.9	368.3	V	2.0
Leasing company	6 645.9	4 255.5	2 390.5	19.7	10.8	2 325.5	34.4	V	V	9.0
Independent garage	204 012.6	187 059.1	16 953.6	497.1	2 606.4	12 966.0	879.0	S	V	2.2
Component distributorship	34 203.6	21 416.8	12 786.8	191.4	312.2	9 665.1	2 254.1	364.0	V	4.8
No one	51 607.1	49 472.0	2 135.0	35.8	329.1	1 740.6	29.6	V	V	4.1
Other	4 143.2	3 532.5	610.7	S	S	504.6	V	V	V	12.2
Not reported	491 077.6	460 129.5	30 948.1	792.4	4 754.2	24 775.1	613.9	S	V	1.1
ENGINE TYPE AND SIZE										
Engine	1 044 235.0	929 378.0	114 857.0	2 736.6	10 995.8	92 221.3	8 466.7	436.6	V	.6
Gasoline	876 745.8	868 149.3	8 596.5	258.0	8 028.7	299.7	S	V	V	.7
Diesel	162 992.7	56 915.4	106 077.3	2 469.9	2 853.5	91 861.4	8 456.6	435.9	V	1.1
Liquefied gas or other	2 791.3	2 723.3	67.9	S	S	S	V	V	V	13.3
Not reported	1 705.2	1 589.9	115.2	8.1	68.3	S	V	S	V	9.8
Cylinders[7]	1 044 235.0	929 378.0	114 857.0	2 736.6	10 995.8	92 221.3	8 466.7	436.6	V	.6
4	147 961.5	147 477.2	484.3	4.0	381.7	96.8	S	V	V	2.8
6	543 949.4	444 318.4	99 631.0	1 996.2	2 494.1	86 654.1	8 063.4	423.3	V	1.0
8	335 181.0	326 143.6	9 037.4	355.8	7 790.5	865.5	25.6	V	V	1.5
Other	S	1 094.4	S	V	S	S	V	V	V	S
Not reported	16 000.8	10 344.4	5 656.4	380.6	287.2	4 599.3	376.0	S	V	4.0
Cubic inch displacement[8]	1 044 235.0	929 378.0	114 857.0	2 736.6	10 995.8	92 221.3	8 466.7	436.6	V	.6
Gasoline engines	876 745.8	868 149.3	8 596.5	258.0	8 028.7	299.7	S	V	V	.7
Less than 200	271 229.1	270 823.7	405.5	V	405.5	V	V	V	V	1.9
200 to 299	259 373.5	258 349.5	1 024.0	S	1 021.6	S	V	V	V	1.7
300 to 349	148 763.9	147 089.5	1 674.4	S	1 617.3	S	V	V	V	2.5
350 to 399	160 697.1	157 648.6	3 048.5	94.1	2 894.2	60.2	V	V	V	2.2
400 or more	23 020.8	20 939.7	2 081.1	75.4	1 805.3	190.4	S	V	V	5.5
Not reported	13 661.4	13 298.4	363.1	31.7	284.9	46.4	S	V	V	6.0
Diesel engines	162 992.7	56 915.4	106 077.3	2 469.9	2 853.5	91 861.4	8 456.6	435.9	V	1.1
Less than 400	22 296.4	20 789.9	1 506.5	161.6	932.5	410.4	S	V	V	4.9
400 to 599	30 962.3	26 145.0	4 817.3	272.0	1 492.2	2 566.4	486.7	V	V	4.4
600 to 799	44 584.2	5 219.5	39 364.7	630.5	172.0	34 355.9	3 874.3	331.9	V	1.3
800 or more	48 059.8	1 925.6	46 134.2	958.7	105.6	41 807.0	3 179.3	83.6	V	1.2
Not reported	17 090.1	2 835.4	14 254.6	447.1	151.1	12 721.8	914.2	S	V	2.1
Other engines	2 791.3	2 723.3	67.9	S	S	S	V	V	V	13.3
Less than 400	1 999.4	1 987.3	S	S	S	S	V	V	V	13.6
400 or more	S	657.3	S	V	S	S	V	V	V	S
Not reported	83.2	78.7	S	S	S	S	V	V	V	25.8
Not reported	1 705.2	1 589.9	115.2	8.1	68.3	S	V	S	V	9.8
REFUELING LOCATION										
Central company-owned fueling facility	49 156.6	14 206.8	34 949.7	905.2	552.2	27 040.4	6 044.2	407.8	V	1.2
Single contract fueling facility located off-site	9 895.6	4 252.5	5 643.1	225.4	89.6	4 952.4	359.2	S	V	3.0
Public fueling stations	84 014.3	27 471.3	56 543.1	1 316.2	1 270.3	52 545.1	1 400.4	11.0	V	.8
Other	3 637.7	966.9	2 670.8	39.2	21.3	2 207.4	402.9	V	V	4.9
Not reported	14 424.0	8 317.9	6 106.1	197.4	171.5	5 475.9	260.0	S	V	2.5
POWERED AXLES										
Powered axles	1 044 235.0	929 378.0	114 857.0	2 736.6	10 995.8	92 221.3	8 466.7	436.6	V	.6
1	625 510.3	598 134.2	27 376.1	994.6	7 138.8	13 316.5	5 893.1	33.2	V	1.0
2	415 144.8	330 845.1	84 299.8	1 697.2	3 844.8	75 835.1	2 519.2	403.4	V	1.1
3 or more	3 579.8	398.7	3 181.1	44.8	S	3 069.7	54.3	V	V	5.0
Not reported	V	V	V	V	V	V	V	V	V	N

See footnotes at end of table.

Table 10. **Truck Miles by Truck Type: 1997**—Con.

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Vehicular and operational characteristics	Total[1]	Truck type: Single-unit trucks	Combination: Total	Single-unit truck with trailer	Single-unit truck with utility trailer	Truck-tractor with single trailer	Truck-tractor with double trailers	Truck-tractor with triple trailers	Trailer not specified	Relative standard error of total (percent)
CAB TYPE[9]										
Cab forward of engine	3 335.8	2 632.9	702.9	25.0	32.0	641.6	S	V	V	4.6
Cab over engine	19 006.4	7 609.0	11 397.4	227.4	134.9	9 921.2	1 094.2	19.8	V	2.0
Conventional cab	124 166.7	36 007.9	88 158.9	2 215.0	1 656.3	76 685.4	7 186.6	415.5	V	.6
Cab beside engine	531.4	424.9	106.5	5.8	S	58.2	S	V	V	12.1
Other	1 190.0	988.2	201.7	S	65.5	97.2	V	V	V	7.6
Not reported	12 897.9	7 552.5	5 345.4	171.1	190.4	4 817.7	164.8	S	V	2.5
PICKUPS, PANELS, VANS, SPORT UTILITIES, AND STATION WAGONS										
Total	886 871.3	877 910.7	8 960.6	S	8 897.8	N	N	N	V	.7
Pickups	453 721.0	446 315.3	7 405.7	S	7 342.8	N	N	N	V	1.1
Minivans	146 899.6	146 509.9	S	V	S	N	N	N	V	2.3
Panels or vans	71 414.5	70 982.0	432.5	V	432.5	N	N	N	V	3.6
Sport utilities	190 521.1	190 042.7	478.4	V	478.4	N	N	N	V	1.9
Station wagons	24 315.1	24 060.8	S	V	S	N	N	N	V	5.9
Driving wheels	886 871.3	877 910.7	8 960.6	S	8 897.8	N	N	N	V	.7
4-wheel drive	324 116.2	320 590.3	3 525.9	S	3 465.5	N	N	N	V	1.4
2-wheel drive	562 755.1	557 320.3	5 434.7	S	5 432.2	N	N	N	V	1.1
Front-wheel drive	190 504.9	188 366.4	2 138.5	V	2 138.5	N	N	N	V	2.0
Not reported	V	V	V	V	V	N	N	N	V	N

Note: Some estimates may have high relative standard errors of estimate (RSEs). See Appendix for approximating the RSEs for estimates other than the total. The U.S. estimates may differ from the sum of the state estimates because of rounding.

[1]Includes trucks registered in one state with a mailing address of another state. These trucks were excluded from the 1992 survey.
[2]New or modified data line from 1992.
[3]Lease characteristics include both "leased from" and "leased to" vehicles. Lease provisions apply to a period of 1 year or more.
[4]Detail does not add to total because items were not applicable or multiple responses were possible.
[5]Truck miles distribution shown for hazardous materials carried.
[6]Pickups, panels, vans, minivans, and sport utilities were not requested to report the information shown in the Equipment Type section, except for power steering, antilock brakes, wheelchair lift, vehicle control aids for handicapped drivers, electronic vehicle management system, air-conditioning, and airbag(s). In the Fuel Conservation Equipment section, they reported only radial tires.
[7]Data were derived from administrative records. "Not reported" indicates those trucks for which the cylinders are unknown.
[8]Data were derived from administrative records. "Not reported" indicates those trucks for which the cubic inch displacement is unknown.
[9]Pickups, panels, vans, minivans, and sport utilities are not included.

Table 11. **Truck Miles Distribution by Operational Characteristics: 1997**

[Millions. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

Operational characteristics	Total truck miles distribution[1]	Truck miles distribution excluding pickups, panels, sport utilities, and station wagons	Relative standard error of estimate for column (percent)	
	A	B	A	B
Total trucks miles	**1 044 235.0**	**157 363.7**	**.6**	**.5**
TRAILER/CONTAINER HAULED[2]				
Railroad, maritime, or domestic container	3 927.4	3 927.4	4.0	4.0
Piggyback trailer	1 518.9	1 518.9	6.7	6.7
Conventional trailer	82 863.7	82 863.7	.8	.8
Bobtail	6 782.5	6 782.5	2.5	2.5
RANGE OF OPERATION				
Local	594 313.8	38 580.4	.8	.9
Short-range	197 774.9	28 099.2	1.7	1.3
Short-range medium	87 090.0	21 043.2	2.4	1.5
Long-range medium	62 376.0	27 562.3	2.0	1.5
Long-range	65 971.9	38 702.4	1.9	1.4
Off-the-road	36 708.4	3 376.1	3.7	2.6
OPERATOR CLASSIFICATION[2]				
For hire:				
Motor carrier	52 542.8	52 542.8	1.2	1.2
Owner/operator	899.8	899.8	8.9	8.9
Independent	5 432.9	5 432.9	4.0	4.0
Leased to a company	7 420.6	7 420.6	3.6	3.6
Private fleet	685.5	685.5	11.9	11.9
For-hire jurisdiction:				
Interstate	49 792.1	49 792.1	1.2	1.2
Intrastate	10 939.8	10 939.8	2.5	2.5
Local	3 649.8	3 649.8	4.4	4.4
Type of carrier (interstate only):				
Contract	27 226.3	27 226.3	1.7	1.7
Common	35 826.1	35 826.1	1.5	1.5
Exempt	3 086.7	3 086.7	5.4	5.4
Type of service:				
Truckload	48 958.4	48 958.4	1.2	1.2
Less than truckload	17 338.1	17 338.1	2.3	2.3

Operational characteristics	Total truck miles distribution[1]	Truck miles distribution excluding pickups, panels, sport utilities, and station wagons	Relative standard error of estimate for column (percent)	
	A	B	A	B
PRODUCTS CARRIED				
Farm products	13 796.7	7 988.1	5.3	2.6
Live animals	6 297.3	2 247.1	9.3	6.4
Animal feed	1 798.1	1 337.1	12.1	5.3
Mining products	4 945.9	2 038.0	6.3	5.3
Logs and other forest products	10 315.7	4 436.7	7.8	3.2
Lumber and fabricated wood products	3 852.0	3 123.7	4.8	3.8
Processed foods	24 443.4	19 985.5	2.5	1.8
Textile mill products	7 999.7	4 599.7	6.5	3.5
Building materials	23 383.0	13 190.6	6.3	1.8
Household goods	5 154.8	3 845.1	5.5	4.3
Furniture or hardware	5 655.2	3 358.7	7.4	4.5
Paper products	10 477.1	5 854.4	6.5	2.9
Chemicals	10 538.0	4 607.1	7.0	3.5
Petroleum	5 588.1	4 687.1	4.1	3.6
Plastics and/or rubber	4 431.1	3 281.3	6.5	3.5
Primary metal products	7 255.1	4 581.8	8.6	3.4
Fabricated metal products	7 190.0	3 524.1	7.4	4.0
Machinery	16 244.8	6 294.1	6.7	2.9
Transportation equipment	10 354.8	6 223.6	6.1	3.2
Glass products	2 062.6	1 086.6	13.0	5.3
Miscellaneous products of manufacturing	10 236.7	5 416.0	6.1	3.5
Industrial "waste" water	218.4	202.7	14.2	14.7
Scrap, refuse, or garbage	4 211.9	2 953.0	7.1	3.7
Mixed cargoes	25 618.4	17 192.7	3.6	2.4
Craftsman's equipment	52 888.7	4 930.1	4.1	3.4
Recyclable products	1 978.6	1 487.7	8.2	6.4
Hazardous waste (EPA manifest)	410.5	394.3	16.0	16.4
Hazardous waste (non-EPA manifest)	172.4	129.1	23.5	15.3
Personal transportation	631 525.8	962.7	.9	6.8
Passengers	23 943.7	263.0	6.5	18.6
No load carried	108 100.7	15 139.4	2.6	1.4
Not in use	236.0	31.8	14.7	24.5
Other	3 089.1	1 980.9	9.4	8.0

Note: Truck miles distribution for hazardous materials carried shown in Tables 2a, 3a, 8, 9, and 10.

[1]Includes trucks registered in one state with a mailing address of another state. These trucks were excluded from the 1992 survey.
[2]Pickups, vans, minivans, and sport utilities were not requested to report this information.

Appendix.
Approximating Unpublished Relative Standard Errors

Relative standard errors (RSEs) are presented for only the row and column totals for Tables 4 through 10.

The relative standard error for an individual cell in a particular table can be approximated by using the procedure below. Actual RSEs, estimated from the sample data, are available on request.

Tables 4 through 7

The RSE (expressed as a percentage) for a cell in a particular table can be calculated as follows:

$$\text{RSE (C)} = \text{RSE (S)} * \sqrt{\frac{\text{S (US} - \text{C)}}{\text{C (US} - \text{S)}}}$$

where:

S = the smaller number between the row and column truck totals for the row and column containing the cell

C = the number of trucks in the cell

US = the number of trucks in the United States

RSE(S) = the relative standard error corresponding to S

Tables 8 through 10

For Tables 8 through 10, follow the above procedure but replace "trucks" with "truck miles."

Example

Suppose, in Table 4, there are an estimated 240.7 thousand trucks in the cell for agricultural medium-sized trucks, for which an approximation of the RSE is needed. The following information must be extracted from the table: (1) 72,800.3 thousand trucks in the U.S., (2) 3,377.8 thousand trucks and an estimated RSE of 2.9 percent for the "Agriculture" row, and (3) 1,435.5 thousand trucks and an estimated RSE of 2.4 percent for the "Medium-sized trucks" column. Since the column total of 1,435.5 thousand is less than the row total of 3,377.8 thousand, use the column figure to approximate the RSE:

RSE (agricultural medium-sized trucks)=

$$= 2.4 * \sqrt{\frac{1{,}435.5 * (72{,}800.3 - 240.7)}{240.7 * (72{,}800.3 - 1{,}435.5)}}$$

$$= 5.9\ \%$$

Some exceptions from this procedure will yield better approximations of the relative standard error in particular cells. Certain rows and columns in the tables are composed predominantly of "large trucks" (trucks excluding pickups, panels, minivans, sport utilities, and station wagons). Because of the sample design, one obtains a better approximation of the relative standard error for a cell when the value of S is equal to the truck total associated with the "large trucks" even though this truck (row or column) total may not be the smaller of the two truck totals. For example, if the column containing the cell is composed of "large trucks," then S is equal to the column total. When both totals consist of "large trucks," use the smaller of the row and column totals.

Columns of predominately " large trucks:"

- Tables 4 and 8—Light-heavy and Heavy-heavy
- Table 5—75,000 miles or more
- Tables 7 and 10—Single-unit truck with trailer and all truck-tractor columns

Rows of predominately "large-trucks:"

- Body Type—All except Pickup, Panel or van, Minivan, Sport utility, and Station wagon
- Annual Miles—75,000 miles or more
- Base of Operation—No home base
- Vehicle Size—Light-heavy and Heavy-heavy
- Average Weight—19,501 pounds or more
- Total Length—45.0 or more
- Lease Characteristics—All rows
- Primary Operator Classification, For hire— Motor carrier, Owner/operator
- Primary Operator Classification—For-hire jurisdiction, Type of carrier, Kind of service
- Hazardous Materials Carried—Carrying hazardous materials
- Miles per Gallon—Less than 5 and 5 to 6.9
- Equipment Type, Braking system—All rows except Not reported
- Equipment Type—Engine retarder, Reflective materials, Electronic vehicle identification device, Trip recorders/on board computer system, and Navigational systems
- Fuel Conservation Equipment—All rows except Radial tires

Engine Type and Size, Cubic inch displacement, Diesel engines—600 or more and Not reported
Refueling Location—All rows except Not reported
Truck Type and Axle Arrangement, Single-unit trucks—3 axles or more
Truck Type and Axle Arrangement, Combinations—Single-unit truck with trailer and all truck-tractor rows
Cab Type—All rows except Not reported

Vehicle Inventory and Use Survey (VIUS)

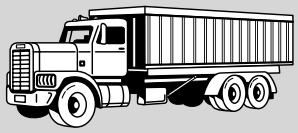
1997

August 1999

POF 888

Microdata File

(Will be available by early 2000)



Includes:

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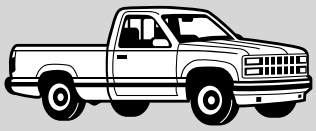

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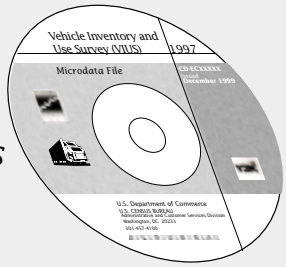

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Transportation Data Programs

Users of transportation data may be interested in the following programs:

Vehicle Inventory and Use Survey provides state and U.S. level data on the physical and operational characteristics of the Nation's truck, van, minivan, and sport utility vehicle population. Data collected include major use, body type, annual miles, model year, vehicle size, fuel type, operator classification, engine size, range of operation, weeks operated, products carried, and hazardous materials carried.

For more information, visit our web site at
www.census.gov/econ/www/servmenu.html
or call 301-457-2797.

Commodity Flow Survey provides data on shipments by domestic establishments classified in mining, manufacturing, wholesale, and selected retail industries. Published aggregate data feature shipment characteristics, such as value, tons, ton-miles, and average miles per shipment by mode of transportation, commodities shipped, and destinations.

For more information, visit our web site at
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or call 301-457-2788.

Transportation Annual Survey covers firms with paid employees that provide commercial motor freight transportation and public warehousing services. Data collected include total operating revenue and operating revenue by source, total expenses, percentage of motor carrier freight revenue by commodity type, size of shipments handled, length of haul, and vehicle fleet inventory.

For more information, visit our web site at
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Economic Census: Transportation Sector covers establishments that provide warehousing services, and passenger and freight transportation to the general public, government, or other businesses. Published data include kind of business, geographic location, total operating revenue, annual and first quarter payroll, and number of employees for pay period including March 12.

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Economic Census: Manufacturing Sector includes establishments that manufacture transportation and transportation related products. Published data include geographic location, annual payroll, inventories, capital expenditures, materials consumed, cost of materials, energy consumed, and quantity and value of product shipments.

For more information, visit our web site at
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or call 301-457-4673.

Current Industrial Report—Truck Trailers covers establishments engaged in the manufacture of truck trailers with a rating of 10,000 pounds or more per axle. This report provides detailed monthly and annual data on the quantity and value of shipments of truck trailers.

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Journey to Work provides data gathered from the 1990 Decennial Census. Data provided include place of work, usual means of transportation to work, the number of persons who rode (if in a car, truck, or van), the time leaving home for work, and the usual number of minutes to get from home to work.

For more information, visit our web site at
www.census.gov/population/www/socdemo/journey.html
or call 301-457-2454.

Import/Export data can be obtained from the Census Bureau through the Data Dissemination Branch of Foreign Trade Division. Data are collected under the Harmonized Commodity Description and Coding System (Harmonized System).

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