1987
Census of Transportation

TC87-T-52

TRUCK INVENTORY AND USE SURVEY

United States

U.S. Department of Commerce
BUREAU OF THE CENSUS

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If you have any questions concerning the statistics in this report, call (301) 763-2735.

1987 Census of Transportation

TC87-T-52

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United States

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PURPOSE AND USES OF THE ECONOMIC CENSUSES

The economic censuses are the major source of facts about the structure and functioning of the Nation's economy. They provide essential information for government, business, industry, and the general public.

Economic censuses furnish an important part of the framework for such composite measures as the gross national product, input-output measures, production and price indexes, and other statistical series that measure short-term changes in economic conditions.

Policy-making agencies for the Federal Government use the data, especially in monitoring economic activity and providing assistance to business.

State and local Governments use the data to assess business activities and tax bases within their jurisdictions and to develop programs to attract business.

Trade associations study trends in their own and competing industries, and keep their members informed of market changes.

Individual businesses use the data to locate potential markets and to analyze their own production and sales performance relative to industry or area averages.

AUTHORITY AND SCOPE

Title 13 of the United States Code (sections 131, 191, and 224) directs the Census Bureau to take the economic censuses every 5 years, covering years ending in 2 and 7. The 1987 Economic Censuses consist of the

Census of Retail Trade
Census of Wholesale Trade
Census of Service Industries
Census of Transportation
Census of Manufactures
Census of Mineral Industries
Census of Construction Industries

Special programs also cover enterprise statistics and minority-owned and women-owned businesses. (The 1987 Census of Agriculture and 1987 Census of Governments are conducted separately.) The next economic censuses are scheduled to be taken in 1993 covering the year 1992.

AVAILABILITY OF THE DATA

The results of each of the economic censuses are available in printed reports, for sale by the U.S. Government Printing Office, and on microfiche, computer tape, compact discs with read-only memory, and flexible diskettes, for sale by the Census Bureau. Order forms for all types of products are available on request from Customer Services, Census Bureau, Washington, DC 20233. A more complete description of publications being issued from this census is on the inside back cover of this document.

Census facts are also widely disseminated by trade associations, business journals, and newspapers. Volumes containing census statistics are available in most major public and college libraries. Finally, State Data Centers in every State and Business and Industry Data Centers in many States also supply economic census statistics.

HISTORICAL INFORMATION

The economic censuses have been taken together as an integrated program at 5-year intervals since 1967, and before that for 1963, 1958, and 1954. Prior to that time, the individual censuses were taken separately at varying intervals.

The economic censuses trace their beginnings to the 1810 Decennial Census, when questions on manufacturing were included with those for population. Coverage of economic activities was expanded for 1840 and subsequent censuses to include mining and some commercial activities. In 1902, Congress established a permanent Census Bureau and directed that a census of manufactures be taken every 5 years. The 1905 manufactures census was the first time a census was taken apart from the regular every-10-year population census.

The first census of business was taken in 1930, covering 1929. Initially, it covered retail and wholesale trade, and construction industries, but it was broadened in 1933 to include some of the service trades.

The 1954 economic censuses were the first to be fully integrated—providing comparable census data across economic sectors, using consistent time periods, concepts, definitions, classifications, and reporting units. These were the first censuses to be taken by mail, using lists of firms provided by the administrative records of other federal agencies. Since 1963, administrative records have also been used to provide basic statistics as well for very small firms, reducing or eliminating the need to send them census questionnaires. The Enterprise Statistics Program, which publishes combined data from the economic censuses, was made possible with the implementation of the integrated census program in 1954.

The range of industries covered in the economic censuses has continued to expand. The Census of Construction Industries began on a regular basis in 1967, and the scope of service industries was broadened in 1967, 1977, and 1987. The Census of Transportation began in 1963 as a set of surveys covering travel, transportation of commodities, and trucks. New for 1987 are publications reporting on business establishments engaged in several transportation industries, paralleling the data on establishments in other sections. This is part of a gradual expansion in coverage of industries previously subject to government regulation. The Survey of Minority-Owned Business Enterprises was first conducted as a special project in 1969 and was incorporated into the economic censuses in 1972 along with the Survey of Women-Owned Businesses.

Economic censuses have also been taken in Puerto Rico since 1909, in the Virgin Islands and Guam since 1958, and in the Northern Mariana Islands since 1982.

Statistical reports from the 1982 and earlier censuses provide historical figures for the study of long-term time series, and are available in some large libraries. All of the census data published since 1967 are still available for sale on microfiche from the Census Bureau.

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

While the censuses provide complete enumerations every 5 years, there are many needs for more frequent data as well. The Census Bureau conducts a number of monthly, quarterly, and annual surveys, the results of which appear in publication series such as *Current Business Reports* (retail and wholesale trade, service industries, and transportation), the *Annual Survey of Manufactures, Current Industrial Reports*, and the *Quarterly Financial Report*. Most of these surveys, while providing more frequent observations, yield less kind-of-business and geographic detail than the censuses. The *County Business Patterns* program offers annual statistics on the number of establishments, employment, and payroll classified by industry within each county.

SOURCES FOR MORE INFORMATION

More information about the scope, coverage, classification system, data items, and publications for each of the economic censuses and related surveys is published in the *Guide to the 1987 Economic Censuses and Related Statistics*. More information on the methodology, procedures, and history of the censuses will be published in the *History of the 1987 Economic Censuses*. Contact Customer Services for information on availability.

TRUCK INVENTORY AND USE SURVEY, 1987 CENSUS OF TRANSPORTATION

The Truck Inventory and Use Survey (TIUS) provides data on the physical and operational characteristics of the Nation's truck population. It is based on a probability sample of private and commercial trucks registered (or licensed) in each State during 1987.

The following types of vehicles were excluded from this survey prior to sampling: those owned by Federal, State, and local governments; ambulances; buses; and motor homes. A small number of the vehicles sampled were determined to be "out-of-scope" of the survey. These cases include: farm tractors; unpowered trailer units; and trucks reported to have been sold, junked, or wrecked, prior to the registration year.

Many States allow pickups, small vans, and utility-type vehicles to be registered as cars or trucks. Therefore, the passenger car files were searched and any such trucks were included in the universe of trucks from which the sample was selected. Some vehicles such as "off-highway" trucks used exclusively on private property do not have to be registered. Therefore, they were not included in the universe and had no chance of being selected.

USES OF THE TRUCK INVENTORY AND USE SURVEY

TIUS information is of considerable value to State and Federal transportation agencies in the planning of highway cost allocations, improvements in road conditions, energy consumption, and emergency preparedness. The private sector also needs these data to plan for future vehicle designs and improvements, market studies, and more efficient vehicle usage.

TRUCK CHARACTERISTICS

The estimated number of trucks that were within the scope of the TIUS and registered in the United States as of July 1, 1987, was 44,572.2 thousand. These trucks were estimated to have been driven a total of 529,315.3 million

miles during 1987, an increase of 40.3 percent (±2.0)[1] from 1982. The average annual miles traveled per truck was estimated at 11.9 thousand.

The Federal Highway Administration (FHWA) estimate of the number of private and commercial trucks registered in the United States as of December 31, 1987, was 39,529.6 thousand. This estimate is based on a calendar year summary report from each State. It reflects differences in truck definitions used by each State for vehicle registration from those used in the TIUS.

COMPARABILITY WITH PREVIOUS SURVEYS

Although the basic purpose and scope of the previous Truck Inventory and Use Surveys were essentially identical to this one, some new items were introduced in 1987, as well as some changes that may affect specific items in this report.

New items introduced in 1987:

1. **Width of trailer**—Respondents were asked to report the width of the trailer most often attached to the vehicle.

2. **Piggyback or container**—Respondents who received the TC-9502 form and who reported that they operated a truck tractor (power unit) pulling trailer(s) were asked to report the percent of annual mileage they hauled—

   a. Railroad, ocean-going, or similar containers, and

   b. Piggyback trailers.

3. **Accidents**—Respondents were asked if the vehicle was involved in an accident during 1987 and if the accident involved a fatality, bodily injury, or property damage of $4,200 or more. This information is available on the public-use tape only.

1987 changes affecting specific items:

1. **Base of operation**—Respondents were asked to report the home base of the vehicle on "July 1, 1987," instead of "for the last 12 months."

2. **Percentage of hazardous materials carried**—Because over 50 percent of the trucks carrying hazardous materials carried them less than 25 percent of their annual miles in 1982, the category "Below 25%" was broken down into two categories: "Below 10%" and "10-24%." The list of hazardous materials carried was expanded.

3. **Body type**—"Mini-vans" was made into a separate category instead of being included in the "Van" category.

4. **Major use**—"One-way rental" was made into a separate category instead of being included in the "Daily Rental" category.

5. **Products carried**—Four new categories were added to the list of products carried. They are: (1) glass products, (2) miscellaneous products of manufacturing, (3) industrial water, and (4) hazardous waste.

6. **Number of cylinders**—This item was deleted from the questionnnaire, but the data were derived from an analysis of the vehicle identification number (VIN) and are included in the tables. "Not reported" indicates those trucks for which the cylinders are unknown.

7. **Transmission type**—This question was deleted from the questionnaire and data will not be made available for this item.

8. **Annual miles**—Respondents were asked how many miles the vehicle was driven in 1987. For those vehicles sold during 1987, a full year's annual miles were estimated. In previous surveys, owners were asked to report their annual miles for the past 12 months, and if driven less than 12 months, to estimate the mileage for a full year.

EXPLANATION OF TERMS

Major use—This is based on the business or the part of the business in which the vehicle was used. The 15 specific major use categories conform to the generally accepted meaning of the terms.

Responses in the "Other" category were recoded to one of the specific categories if possible.

The category "Not in Use" in table 2 includes vehicles which, though licensed, were not used or were wrecked for more than 90 days.

Body type—This category includes 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 truck-tractor combination.

Range of Operation—The area in which the vehicle usually operated is classified as one of the following:

1. **Local**—Less than a 50-mile radius of the home base (the farm, factory, mine, or other place where the vehicle is stationed).

2. **Short range**—Within a 50 to 200-mile radius from the home base.

3. **Long range**—More than 200 miles one way to the most distant stop from the home base.

4. **Off-the-road**—Minimal use of public roads (usually associated with construction and farming activities).

[1]All comparisons are accompanied by a 90-percent confidence interval, so that a statement such as "an increase of 5.0 percent (±.5)" indicates a 90-percent confidence interval from 4.5 to 5.5. If the interval contains zero, it is uncertain whether there is an increase or decrease.

Vehicle size—This size classification is based on the average vehicle weight (empty weight of the vehicle plus the average weight of the load carried) at which the vehicle operated during the past year. The four size classes are:

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

Operator classification—This item consists of not for hire, for hire, daily rental, and mixed.

1. **Not for hire**—Includes a private owner or a company which transports its own materials or merchandise or uses the vehicle for personal transportation.
2. **For hire**—Includes the following:
   a. **Motor carrier**—Those vehicles operated by a company whose primary business is to provide transportation services carrying freight belonging to others.
   b. **Owner/Operator**—Vehicles operated by an independent trucker who drives the vehicle for himself or on lease to a company.
3. **Daily rental**—Vehicles rented or leased out under daily or short term rental or lease agreements (not motor carrier).
4. **Mixed**—A mixture of the operator classifications above with equal percentages of use for at least two of the three categories. If the percentages were not equal, the answer was recoded to the operator classification with the highest percentage.
5. **Type of carrier**—These categories are limited to for hire, interstate operators:
   a. **Contract**—Offers transportation services to certain shippers under contracts.
   b. **Common**—Offers transportation services to the general public over regular or irregular routes.
   c. **Exempt**—Transports commodities or provides types of services that are exempt from federal regulation. Could also operate within exempt commercial zones.

Products carried—This item includes broad classifications of agricultural, manufacturing, and mineral products, as well as special categories of materials carried by trucks. Responses to the "Other" category were recoded to one of the 25 specific categories if possible.

Hazardous materials—This category was designed to identify those trucks which regularly transport hazardous materials in quantities large enough to require a placard under the Code of Federal Regulations, Title 49, Transportation.

Truck fleet size—The size of the truck fleet is based on the number of trucks operated by a truck owner from a single "base of operation." The fleet located at the "base of operation" usually is smaller than the total fleet that an owner has if he operates from more than one base. 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. (If this item on the survey form was unanswered, the vehicle was assumed to be in a fleet of one, classified in accordance with the reported vehicle type.)

SAMPLE DESIGN

The Truck Inventory and Use Survey was based on a stratified probability sample of approximately 135,000 trucks drawn from an estimated universe of approximately 47 million trucks registered as of July 1, 1987, with the motor vehicle departments in the 50 States and the District of Columbia.

A stratified random sample based on body type was selected in each State. The universe of trucks within each State was divided into five strata: "pickup," "van," "single-unit light," "single-unit heavy" and "truck tractor." The "pickup" truck stratum consisted of only pickup trucks. The "van" truck stratum consisted of panel trucks, vans, mini-vans, utilities, jeeps, and station wagons on truck chassis. The "single-unit light" truck stratum consisted of all other single-unit trucks with a gross vehicle weight (GVW) of 26,000 pounds or less. The "single-unit heavy" truck stratum consisted of the remaining single-unit trucks. The "truck tractor" stratum consisted of only truck tractors. Within each stratum in each State, a predetermined number of trucks was sampled in a random fashion.

Part of the sample (34 percent at the national level) was allocated to meet "minimum" standards of reliability for the estimate of total number of trucks for each State. An additional 28 percent of the sample was allocated to meet "minimum" standards of reliability for the estimate of number of trucks excluding pickups, panels, utilities, and station wagons for each State. The remaining additional sampling units were allocated to improve the reliability of the estimated number of long-haul trucks. The number of total trucks sampled ranged from 1,695 for the District of Columbia to 2,916 for California, the mean being 2,653 trucks per State.

SURVEY METHOD

For each selected truck, a report form was mailed to the owner identified in vehicle registration records as of July 1, 1987. The owner was asked to respond only for the truck

identified by the vehicle registration information imprinted on the form, regardless of whether or not he or she still owned the vehicle. The information received on the returned questionnaires was processed through an extensive computer edit. Reports which contained questionable responses were reviewed and corrected if necessary. In each stratum for a State, estimates of the number of trucks for each characteristic were developed by weighting up the observations from the respondents to represent all trucks in the stratum within the scope of the TIUS. The stratum estimates were then summed across strata to form the estimates published for each State. Truck miles were estimated in a similar way. National estimates of number of trucks and truck miles were then obtained by adding up all the State estimates. For each line in the tables, truck miles is an estimate of the miles traveled during 1987 by all trucks having the specified characteristic. Estimates of average miles per truck were derived from the estimates of number of trucks and truck miles.

RELIABILITY OF ESTIMATES

An estimate based on a sample survey will differ from the universe value because of sampling variability and nonsampling error. Sampling variability occurs because observations are made only on a sample, not on the entire universe. Nonsampling errors can be attributed to many sources in the reporting, collecting, and processing of data. Nonsampling errors would occur even if the entire universe was surveyed. The accuracy of a survey result is determined by the joint effects of sampling variability and nonsampling errors.

Measures of Sampling Variability

The particular sample used in this survey is one of a large number of all possible samples of the same size that could have been selected using the same design. Estimates derived from the different samples would differ from each other and from the universe total. However, the average of these estimates would equal the total derived from a complete enumeration of the universe. This assumes that a complete enumeration has the same nonsampling error as the sample survey. The standard error of the estimate is a measure of the variability among the estimates from all possible samples of the same size and design. It measures the precision we can expect from a sample estimate of the value we would obtain under complete enumeration. The relative standard error (RSE), expressed as a percent, is the standard error of the estimate times 100 divided by the value being estimated. Note that the RSE's are estimates derived from the sample and are also subject to sampling variability. Except for table 2, the RSE's are given only for the top row of estimates and the left column of estimates. The procedures for approximating the RSE's for the other estimates is covered in appendix B.

The estimate from a particular sample and the approximation of the standard error associated with the estimate can be used to construct interval estimates called confidence intervals. A confidence interval is an expression of how well an estimate from a particular sample represents an unknown population value. Associated with each interval is a percentage of confidence (most commonly 68, 90, or 95 percent), which is interpreted as follows. If, for each possible sample, an estimate of an unknown population value and the approximate standard error were obtained, then:

1. For approximately 68 percent of the possible samples, the interval from one standard error below to one standard error above the estimate would include the unknown population value. We call this a 68-percent confidence interval.
2. 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. We call this a 90-percent confidence interval.
3. 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. We call this a 95-percent confidence interval.

Example of a confidence interval calculation:

Assume the number of drop-frame vans in table 2 is given as 117.4 thousand trucks with a relative standard error of 6.1 percent, then the standard error is:

117.4 x .061 = 7.16 thousand trucks

An approximate 90-percent confidence interval (the estimate, plus or minus 1.65 standard errors) is 117.4 plus or minus 11.8 or 105.6 to 129.2 thousand trucks.

All comparisons appearing in the "Summary of Findings" of this publication and for which measures of sampling variability are available are accompanied by an indication of the 90-percent confidence interval. Thus, a statement such as "an increase of 29 percent (±5.1)" indicates a 90-percent confidence interval from 23.9 to 34.1. If the confidence interval contains zero, it is uncertain whether there is an increase or decrease.

Nonsampling Errors

Nonsampling errors cover all sources of errors in the estimates that cannot be attributed to sampling variability. This includes errors in the reporting, collecting, and processing of data as well as the inability to obtain responses from some sampled units. Nonsampling errors lead to biases in the estimates. Bias exists if an estimate, averaged over all possible samples, does not equal the true value being estimated.

One source of possible bias is nonresponse. There are two types of nonresponse. "Total nonresponse" occurs when no response to the questionnaire was received. In most cases, the form was never returned to the Census Bureau, after several attempts to elicit a response. For the United States, approximately 79.5 percent of the questionnaires were returned with some response. "Item nonresponse" applies to an individual item or question which was unanswered, although some response to the questionnaire was received. Several follow-ups, by mail and telephone, were done to reduce both types of nonresponse. The details to account for total nonresponse and item nonresponse are given below.

For most sections in the tables, total nonresponse is handled within the estimation procedure by allocating characteristics to the total nonrespondents in proportion to the characteristics observed for the respondents. The amount of bias introduced in this way depends on the extent that the nonrespondents differ, characteristically, from the respondents.

For most sections in the tables, a "not reported" category includes item nonresponse which remains after response generation. For example, if the major use of a truck cannot be determined, it is included in the "not reported" line. This line shows the part of the total estimate (for that table section) which is missing from the estimates by major use. Users should exercise caution in allocating the not reported figure to the major uses, since the characteristics of item nonrespondents may differ significantly from those of the respondents. For some questions, a response was generated if it could be derived from other data. For example, engine characteristics and body characteristics were frequently determined through analysis of the vehicle identification number and charts based on manufacturers' specifications. Missing annual miles data (excluding missing data due to total nonresponse) were imputed for each individual truck based on information available about the truck's lifetime miles, age, vehicle type, number of axles, engine type, area of operation, and major use.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

(NA)	Not available.
(RSE)	Relative standard error.
(S)	Withheld because estimate did not meet publication standards on the basis of either the response rate, associated standard error, or a consistency review.
(Z)	Represents less than 50 trucks, or 50,000 miles, 50 miles per truck, or .05 percent, as appropriate for the data column.

Users' Guide for Locating Statistics in This Report by Table Number

Statistics	By State	By trucks	By truck miles	By average miles	By major use, vehicle size, annual miles, range of operation, truck type, principal product, and body type
TOTAL					
Trucks	15-35				3-9,15-35
Truck miles	15-35				10-35
Average miles	15-35				15-35
OPERATIONAL CHARACTERISTICS					
Operation classification		2,3-9	2,10-14	2	3-9,10-14
Hazardous materials carried		2,3-9	2,10-14	2	3-9,10-14
Truck fleet size[1]		2,3-9	2,10-14	2	3-9,10-14
Maintenance		2,3-9	2,10-14	2	3-9,10-14
Major use[1]	19-31	2,3-9,19-31	2,10-14,19-31	2,19-31	3-9,10-14
Products carried		2,3-9	2,10-14	2	3-9,10-14
Range of operation[1]	32-35	2,3-9,32-35	2,10-14,32-35	2,32-35	3-9,10-14
Annual miles[1]		2,3-9	2,10-14	2	3-9,10-14
PHYSICAL CHARACTERISTICS					
Year model[1]		2,3-9	2,10-14	2	3-9,10-14
Gross weight (average weight)		2,3-9	2,10-14	2	3-9,10-14
Engine type[1] and size		2,3-9	2,10-14	2	3-9,10-14
Equipment type:					
Braking system		2,3-9	2,10-14	2	3-9,10-14
Power steering		2,3-9	2,10-14	2	3-9,10-14
Air conditioning		2,3-9	2,10-14	2	3-9,10-14
Fuel conservation equipment		2,3-9	2,10-14	2	3-9,10-14
Cab type		2,3-9	2,10-14	2	3-9,10-14
Body type[1]		2,3-9	2,10-14	2	3-9,10-14
Truck type and axle arrangement[1]		2,3-9	2,10-14	2	3-9,10-14
Vehicle size[1]	15-18	2,3-9,15-18	2,10-14,15-18	2,15-18	3-9,10-14

[1]Data available in percentage form for 1987, 1982, 1977, and 1972 in table 1.

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SUMMARY OF FINDINGS

Approximately 44.6 million private and commercial trucks were registered in the United States during 1987. This is an increase of 10.7 million trucks (32 percent) since the 1982 survey. Trucks in 1987 were driven an estimated 529 billion truck miles and averaged 11.9 thousand annual miles (table A). California and Texas were the leading States in terms of registered trucks, having 10.6 and 8.9 percent of the national total. California and Texas also had the highest annual miles, 10.6 and 9.8 percent, respectively.

Major Use—The increased use of light trucks and vans for personal transportation continues to be the dominant trend in the data. Two-thirds (66 percent) of all trucks were used mainly for "personal transportation," defined as being used in place of an automobile to go from home to work, for outdoor recreation, camping, etc. This compares to 57 percent in 1982, 54 percent in 1977, and 41 percent in 1972. Slightly less than 29.3 million trucks were used mainly for this purpose and were driven about 287 billion miles. Trucks used for construction and agriculture ranked second and third, with 4.5 and 3.5 million trucks respectively, while services ranked fourth with 2 million trucks.

Pickups, Mini-Vans, Panels, Utilities, and Station Wagons—In 1987, 89 percent of all private and commercial trucks in the Nation were pickups, mini-vans, panels, utilities, and station wagons. They accounted for 99 percent of the trucks used for personal transportation and represented a substantial number of the trucks used in agriculture (72 percent), construction (78 percent), wholesale trade (55 percent), retail trade (74 percent), and services (85 percent). These trucks operated most of the time within the State in which they were based and had a gross vehicle weight of 6,000 pounds or less.

Vehicle Acquisition—In 1987, half (50 percent) of all trucks were purchased "used," an increase of 4.9 million trucks over the past 5 years. The "used" truck segment represented 53 percent of the vehicles operated for personal transportation, 53 percent of those operated in agriculture, 46 percent of those operated in construction, and 42 percent of those operated in services. The majority (77 percent) operated within their local area.

Intensity of Use—As implied by annual miles per vehicle for the "major use" categories, use was greatest for "for-hire" trucks (see table 2), which averaged 54.3 thousand miles per year, compared with 11.9 thousand miles for all trucks. The light size trucks averaged 10.7 thousand miles per year and the medium size trucks averaged 10.5 thousand miles per year, an 11.1 percent increase for light size trucks from 1982 and a 17 percent increase for medium size trucks from 1982. The light-heavy size trucks averaged 10 thousand miles per year, an average which was unchanged from 1982. The heavy-heavy size trucks averaged 39.2 thousand miles per year. This was a 7.9 percent increase in 1987. Newer trucks generally averaged more miles per year than older models, ranging from 15.1 thousand miles per year for the 1987 models down to 7 thousand miles for the pre-1978 models.

Large Trucks—The truck mile characteristics of large trucks differ substantially from those of pickups, panels, utilities, and station wagons. Different data distributions can be observed when analyzing the large truck segment alone (see table 2). Five million large trucks traveled 102 billion miles annually, averaging 21 thousand miles per truck; "for-hire" large trucks, only 14 percent of the total number of larger trucks, contributed 40 percent of the truck miles.

Number of Trucks—Truck use has increased significantly in the last 5 years. The number of States in which 1,000,000 or more trucks were registered increased from 9 in 1982 to 15 in 1987. Accordingly, the number of States in which less than 200,000 trucks are registered decreased from 9 in 1982 to 6 in 1987.

Average Annual Miles—Between 1982 and 1987 the total miles trucks traveled increased by 40 percent, however, the average annual miles per truck has remained stable over the years: 12.4 in 1972, 11.9 in 1977, 11.2 in 1982, and 11.9 in 1987. The truck population of 19 States was estimated to exceed an average of 12,000 annual miles. This was a 10 State increase from the 1982 number of 9. The number of States whose truck populations were estimated to have traveled less than 10,000 average miles decreased from 12 in 1982 to 9 in 1987.

Table A. **Trucks, Truck Miles, and Average Miles by States: 1987**

Geographic area	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column–		
	A	B	C	A	B	C
United States	**44,572.2**	**529,315.3**	**11.9**	**.1**	**.5**	**.5**
Alabama	893.7	11 045.2	12.4	.6	2.9	2.9
Alaska	170.4	1 470.6	8.6	.4	3.6	3.6
Arizona	758.6	8 904.6	11.7	.3	2.7	2.7
Arkansas	520.7	5 817.6	11.2	.6	3.0	2.9
California	4 744.3	56 058.1	11.8	.5	2.7	2.7
Colorado	972.8	9 218.2	9.5	.3	3.2	3.2
Connecticut	438.1	4 938.7	11.3	.7	2.7	2.6
Delaware	120.3	1 552.9	12.9	.4	2.7	2.7
District of Columbia	19.9	188.3	9.5	1.3	3.8	3.6
Florida	1 924.0	24 498.1	12.7	.4	2.6	2.6
Georgia	1 210.1	15 619.8	12.9	.5	2.9	2.9
Hawaii	160.8	1 550.5	9.6	.7	3.4	3.3
Idaho	318.3	3 065.9	9.6	.5	3.3	3.3
Illinois	1 603.5	22 358.5	13.9	.3	2.2	2.2
Indiana	1 076.6	13 075.9	12.1	.4	2.5	2.5
Iowa	679.4	7 381.9	10.9	.3	2.7	2.7
Kansas	728.5	7 301.3	10.0	.5	2.8	2.7
Kentucky	808.1	8 700.5	10.8	.5	2.8	2.7
Louisiana	926.8	11 337.8	12.2	.6	2.8	2.8
Maine	259.2	3 076.3	11.9	.6	2.8	2.7
Maryland	661.4	8 457.6	12.8	.5	2.3	2.3
Massachusetts	673.6	8 599.6	12.8	.5	2.3	2.2
Michigan	1 548.7	19 680.1	12.7	.5	2.9	2.8
Minnesota	849.7	9 464.5	11.1	.5	2.5	2.5
Mississippi	500.6	5 963.2	11.9	.7	3.1	3.0
Missouri	1 014.1	12 767.8	12.6	.4	2.5	2.5
Montana	314.9	2 807.7	8.9	.5	3.3	3.3
Nebraska	444.2	5 719.2	12.9	.4	2.6	2.6
Nevada	248.9	2 558.4	10.3	.4	2.8	2.8
New Hampshire	233.2	2 960.6	12.7	.6	2.7	2.6
New Jersey	806.2	10 789.0	13.4	.5	2.3	2.3
New Mexico	469.2	5 200.4	11.1	.3	6.4	6.4
New York	1 541.1	17 045.7	11.1	.4	2.5	2.5
North Carolina	1 371.2	15 941.0	11.6	.2	2.4	2.4
North Dakota	267.9	2 175.8	8.1	.4	2.9	2.9
Ohio	1 736.5	21 271.0	12.2	.4	2.5	2.5
Oklahoma	903.6	10 664.0	11.8	.4	3.3	3.3
Oregon	830.4	8 274.9	10.0	.5	2.6	2.6
Pennsylvania	1 687.3	19 524.2	11.6	.4	2.2	2.2
Rhode Island	120.5	1 397.0	11.6	.4	2.8	2.8
South Carolina	597.6	7 512.5	12.6	.4	2.8	2.8
South Dakota	244.0	2 367.0	9.7	.4	3.2	3.1
Tennessee	1 017.0	12 749.5	12.5	.4	2.6	2.6
Texas	3 952.1	52 082.4	13.2	.6	2.8	2.8
Utah	379.2	4 314.9	11.4	.4	2.6	2.6
Vermont	130.6	1 552.2	11.9	.4	2.4	2.4
Virginia	1 139.1	12 887.8	11.3	.4	2.5	2.5
Washington	1 101.8	11 404.8	10.4	.4	3.3	3.3
West Virginia	422.2	4 209.3	10.0	.4	2.8	2.7
Wisconsin	806.6	9 752.2	12.1	.2	2.8	2.8
Wyoming	224.4	2 059.6	9.2	.4	3.0	3.0

Table 1. **Trucks—Comparative Summary: 1987 and Earlier Years**

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

Vehicular and operational characteristics	1987	1982	1977	1972
Total	**100.0**	**100.0**	**100.0**	**100.0**
MAJOR USE				
Agriculture	7.9	11.4	16.2	21.6
Forestry and lumbering	.6	.8	.8	1.0
Mining and quarrying	.5	.8	.5	.4
Construction	10.0	11.2	6.7	8.6
Manufacturing	1.3	1.6	1.4	2.3
Wholesale and retail trade	5.6	6.8	7.6	9.5
For-hire transportation	2.2	2.6	2.4	3.9
Utilities and service	5.5	6.8	8.1	10.2
Personal transportation	65.7	56.7	54.4	41.2
Other	.6	1.2	2.0	1.7
BODY TYPE				
Pickup, panel, or mini-van[1]	89.0	85.8	83.3	71.4
Platform and cattlerack	3.7	5.1	6.8	12.7
Van	2.1	3.2	3.4	5.9
Public utility	.3	.5	.8	1.9
Multistop or walk-in	1.1	.6	1.1	1.8
Dump	1.3	1.5	1.7	2.4
Tank for liquids or dry bulk	.5	.8	1.0	1.7
Other	1.9	2.4	2.0	2.8
VEHICLE SIZE				
Light	91.9	89.3	85.4	74.0
Medium	2.3	3.5	6.0	14.3
Light-heavy	1.7	2.4	3.1	4.2
Heavy-heavy	4.1	4.8	5.5	7.6
ANNUAL MILES				
Less than 5,000	25.3	26.0	23.9	23.4
5,000 to 9,999	23.4	25.5	24.0	28.1
10,000 to 19,999	34.5	35.0	37.0	33.5
20,000 to 29,999	10.7	8.4	9.2	8.4
30,000 miles or more	6.1	5.0	5.9	6.8

Vehicular and operational characteristics	1987	1982	1977	1972
YEAR MODEL				
1 to 2 years old	17.2	8.9	17.1	14.8
3 to 4 years old	16.5	16.5	17.5	18.9
Over 4 years old	66.3	74.6	65.4	66.6
VEHICLE ACQUISITION				
Purchased new	47.3	45.7	47.6	50.5
Purchased used	50.1	51.5	50.0	47.8
Leased from someone and not reported	2.6	2.8	2.4	1.9
TRUCK FLEET SIZE				
1	65.1	77.8	71.6	61.9
2 to 5	24.9	10.9	16.3	22.0
6 to 19	5.4	5.3	6.6	8.8
20 or more	4.6	6.0	5.5	7.6
TRUCK TYPE				
Single-unit trucks	96.3	95.7	96.8	95.4
2 axles	95.3	94.6	95.1	92.7
3 axles or more	1.0	1.1	1.7	2.8
Combination	3.7	4.3	3.2	4.7
3 axles	.7	.7	.3	.7
4 axles	1.2	1.5	.9	1.4
5 axles or more	1.8	2.1	2.0	2.6
Trailer not specified	(Z)	(Z)	(Z)	(Z)
RANGE OF OPERATION				
Local	75.6	76.6	84.8	81.3
Short-range	14.8	10.3	8.4	8.7
Long-range	4.5	3.1	2.1	2.4
Off-the-road and not reported	5.1	10.0	4.7	7.6
FUEL TYPE				
Gasoline	93.7	94.3	96.0	87.9
Diesel and LPG	6.2	5.5	3.9	4.4
Not reported	.1	.2	(Z)	7.9

[1]Vans similar to panel trucks are included in pickup, panel, and mini-vans.

Table 2. Trucks, Truck Miles, and Average Annual Miles: 1987

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

Vehicular and operational characteristics	Trucks and truck miles			Trucks and truck miles, excluding pickups, panels, utilities, and station wagons			Relative standard error of estimate (percent) for column—					
	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)						
	A	B	C	D	E	F	A	B	C	D	E	F
Total trucks	**44 572.2**	**529 315.3**	**11.9**	**4 886.2**	**102 319.4**	**20.9**	**.1**	**.5**	**.5**	**.5**	**.6**	**.6**
MAJOR USE												
Agriculture	3 536.9	34 022.0	9.6	1 000.3	7 567.2	7.6	2.1	3.7	2.7	1.2	2.2	1.9
Forestry and lumbering	282.2	5 004.3	17.7	113.6	2 746.6	24.2	7.4	7.3	4.8	3.2	4.1	3.8
Mining and quarrying	204.6	3 353.5	16.4	93.3	1 626.2	17.4	7.1	8.1	4.7	4.8	5.6	4.5
Construction	4 478.5	63 689.2	14.2	997.1	12 910.3	12.9	2.1	2.7	1.6	1.7	1.9	1.6
Manufacturing	581.2	12 468.8	21.5	240.9	7 383.5	30.6	5.3	5.2	3.5	2.6	2.8	2.4
Wholesale trade	969.5	20 633.3	21.3	436.8	11 143.5	25.5	3.9	4.1	2.5	2.5	2.5	1.6
Retail trade	1 537.1	22 673.4	14.8	392.7	6 726.4	17.1	3.4	4.1	2.4	2.5	2.9	2.2
For-hire transportation	796.1	43 239.8	54.3	702.9	41 281.7	58.7	2.0	1.4	1.5	1.2	1.2	1.0
Utilities	472.4	5 829.4	12.3	166.1	1 666.2	10.0	6.6	8.2	4.3	3.9	5.1	2.9
Services	1 980.8	27 207.3	13.7	302.2	4 566.5	15.1	3.2	3.9	2.3	2.8	3.7	2.8
Daily rental	147.6	3 607.3	24.4	70.5	2 512.0	35.6	11.8	7.8	7.5	5.0	4.7	3.8
One way rental	33.8	545.4	16.1	32.5	512.5	15.8	8.7	9.7	4.6	8.6	8.8	3.9
Personal transportation	29 291.6	286 955.7	9.8	250.4	1 650.7	6.6	.5	.9	.7	5.5	14.6	11.0
Other	(S)	(S)	26.7	.3	(S)	20.1	(S)	(S)	26.1	40.6	(S)	44.2
Not in use	258.5	50.7	.2	86.7	20.6	.2	9.7	28.7	27.8	5.6	28.5	28.1
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
BODY TYPE												
Pickup	27 662.6	284 929.0	10.3	(Z)	(Z)	(Z)	.2	.8	.8	(Z)	(Z)	(Z)
Mini-van	1 713.8	23 027.2	13.4	(Z)	(Z)	(Z)	3.6	4.2	2.2	(Z)	(Z)	(Z)
Panel or van	5 173.7	61 035.5	11.8	(Z)	(Z)	(Z)	1.7	2.5	1.8	(Z)	(Z)	(Z)
Utility	3 772.1	43 199.9	11.5	(Z)	(Z)	(Z)	2.2	3.3	2.2	(Z)	(Z)	(Z)
Station wagon	1 363.7	14 804.4	10.9	(Z)	(Z)	(Z)	4.2	5.4	3.2	(Z)	(Z)	(Z)
Multistop or walk-in	484.0	6 614.1	13.7	484.0	6 614.1	13.7	4.3	5.3	3.4	4.3	5.3	3.4
Platform with added devices	253.6	2 507.6	9.9	253.6	2 507.6	9.9	2.7	3.8	3.0	2.7	3.8	3.0
Low boy or depressed center	93.8	1 926.7	20.5	93.8	1 926.7	20.5	3.1	5.5	4.4	3.1	5.5	4.4
Basic platform	1 261.2	19 299.3	15.3	1 261.2	19 299.3	15.3	1.1	1.7	1.4	1.1	1.7	1.4
Livestock truck	59.8	1 226.0	20.5	59.8	1 226.0	20.5	5.1	7.0	6.6	5.1	7.0	6.6
Insulated nonrefrigerated van	29.3	1 341.9	45.8	29.3	1 341.9	45.8	6.2	6.8	5.5	6.2	6.8	5.5
Insulated refrigerated van	157.9	8 783.1	55.6	157.9	8 783.1	55.6	2.8	2.6	2.1	2.8	2.6	2.1
Drop-frame van	65.8	2 466.6	37.5	65.8	2 466.6	37.5	4.6	4.9	3.9	4.6	4.9	3.9
Open-top van	17.1	546.1	31.9	17.1	546.1	31.9	7.5	8.6	8.5	7.5	8.6	8.5
Basic enclosed van	669.9	29 086.1	43.4	669.9	29 086.1	43.4	1.4	1.5	1.3	1.4	1.5	1.3
Beverage	68.4	941.6	13.8	68.4	941.6	13.8	5.0	5.6	3.3	5.0	5.6	3.3
Public utility	121.4	1 117.0	9.2	121.4	1 117.0	9.2	4.6	6.3	3.6	4.6	6.3	3.6
Winch or crane	51.4	678.0	13.2	51.4	678.0	13.2	6.0	8.8	6.9	6.0	8.8	6.9
Wrecker	116.0	1 294.6	11.2	116.0	1 294.6	11.2	5.8	8.1	6.3	5.8	8.1	6.3
Pole or logging	52.1	1 576.0	30.3	52.1	1 576.0	30.3	4.1	4.6	4.1	4.1	4.6	4.1
Auto transport	20.4	863.0	42.4	20.4	863.0	42.4	7.0	8.3	5.9	7.0	8.3	5.9
Service truck	102.7	1 329.9	12.9	102.7	1 329.9	12.9	4.8	6.4	4.0	4.8	6.4	4.0
Yard tractor	7.4	30.0	4.0	7.4	30.0	4.0	10.7	17.4	17.0	10.7	17.4	17.0
Oilfield truck	25.1	316.2	12.6	25.1	316.2	12.6	9.1	12.7	9.2	9.1	12.7	9.2
Grain body	278.1	1 974.6	7.1	278.1	1 974.6	7.1	2.2	3.9	3.7	2.2	3.9	3.7
Garbage hauler	50.8	1 025.1	20.2	50.8	1 025.1	20.2	4.7	6.4	4.6	4.7	6.4	4.6
Dump truck	581.6	8 888.3	15.3	581.6	8 888.3	15.3	1.7	2.1	1.9	1.7	2.1	1.9
Tank truck (liquids or gases)	213.0	5 937.5	27.9	213.0	5 937.5	27.9	2.4	2.9	2.5	2.4	2.9	2.5
Tank truck (dry bulk)	31.5	1 364.0	43.3	31.5	1 364.0	43.3	5.9	6.6	5.4	5.9	6.6	5.4
Concrete mixer	56.4	778.1	13.8	56.4	778.1	13.8	4.2	5.3	3.1	4.2	5.3	3.1
Other	17.5	408.1	23.4	17.5	408.1	23.4	12.2	15.2	13.8	12.2	15.2	13.8
Not reported	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)
ANNUAL MILES												
Less than 5,000	11 288.3	23 142.4	2.1	1 631.0	2 861.2	1.8	1.2	1.6	1.0	1.1	1.7	1.1
5,000 to 9,999	10 447.3	70 863.1	6.8	787.4	5 261.1	6.7	1.3	1.3	.3	1.9	1.9	.4
10,000 to 19,999	15 376.7	196 821.1	12.8	947.4	12 451.6	13.1	1.0	1.1	.3	1.5	1.6	.4
20,000 to 29,999	4 755.1	106 067.9	22.3	479.4	11 012.4	23.0	2.2	2.2	.3	2.5	2.5	.3
30,000 to 49,999	1 870.3	64 849.4	34.7	394.0	14 368.2	36.5	3.4	3.4	.5	2.5	2.3	.4
50,000 to 74,999	421.6	24 126.0	57.2	260.7	15 460.0	59.3	4.9	4.6	.5	1.9	1.8	.2
75,000 or more	412.9	43 445.3	105.2	386.4	40 905.0	105.9	1.9	1.8	.7	1.3	1.3	.4
RANGE OF OPERATION												
Local	33 684.8	350 883.5	10.4	3 026.6	34 806.3	11.5	.4	.8	.7	.7	1.1	.9
Short-range	6 612.0	108 276.4	16.4	920.2	29 177.4	31.7	1.8	2.0	1.2	1.6	1.4	1.3
Long-range	1 997.3	56 016.8	28.0	490.3	36 011.6	73.4	3.2	2.0	2.2	2.0	1.4	1.5
Off-the-road	1 933.7	13 466.8	7.0	342.7	1 779.3	5.2	3.1	5.5	4.2	2.3	4.0	3.5
Not reported	344.4	671.8	2.0	106.5	544.7	5.1	8.5	11.5	11.7	5.1	9.5	8.3
BASE OF OPERATION												
Percentage of miles traveled outside base-of-operation State:												
Less than 25 percent	36 048.0	393 197.2	10.9	3 773.5	53 492.0	14.2	.4	.7	.6	.6	.9	.8
25 to 49 percent	1 669.5	28 037.5	16.8	162.9	7 208.8	44.3	3.5	3.8	2.5	2.6	2.8	2.1
50 to 74 percent	1 325.8	26 102.3	19.7	208.9	11 021.3	52.8	3.7	3.4	2.5	3.2	2.4	2.6
75 to 100 percent	1 595.7	39 073.0	24.5	319.2	22 244.6	69.7	3.3	2.4	2.2	2.9	1.9	2.0
Not reported	3 933.2	42 905.3	10.9	421.8	8 352.6	19.8	2.3	2.8	1.8	2.5	2.9	2.5

See footnotes at end of table.

Table 2. **Trucks, Truck Miles, and Average Annual Miles: 1987**—Con.

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

Vehicular and operational characteristics	Trucks and truck miles			Trucks and truck miles, excluding pickups, panels, utilities, and station wagons			Relative standard error of estimate (percent) for column—					
	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)						
	A	B	C	D	E	F	A	B	C	D	E	F
VEHICLE SIZE												
Light	40 947.3	439 342.0	10.7	1 355.7	13 433.4	9.9	.1	.6	.6	1.8	2.9	2.1
Medium	1 029.6	10 767.7	10.5	938.5	9 704.9	10.3	2.0	3.2	2.3	1.4	2.7	2.3
Light-heavy	766.1	7 581.3	9.9	763.8	7 568.3	9.9	1.5	2.3	1.8	1.4	2.3	1.8
Heavy-heavy	1 828.8	71 623.8	39.2	1 828.2	71 612.7	39.2	.5	.7	.7	.5	.7	.7
AVERAGE WEIGHT (POUNDS)												
Less than 6,001	38 056.6	406 921.3	10.7	405.3	3 579.6	8.8	.2	.7	.7	4.0	7.3	5.2
6,001 to 10,000	2 890.6	32 420.7	11.2	950.4	9 853.9	10.4	2.4	3.5	2.3	2.0	3.0	2.1
10,001 to 14,000	524.9	5 439.6	10.4	449.3	4 557.8	10.1	3.4	4.9	2.9	2.3	3.8	2.9
14,001 to 16,000	242.0	2 738.2	11.3	232.4	2 616.7	11.3	3.2	6.9	5.8	3.0	6.7	5.7
16,001 to 19,500	262.7	2 590.0	9.9	256.8	2 530.5	9.9	3.1	4.6	3.5	3.0	4.5	3.5
19,501 to 26,000	766.1	7 581.0	9.9	763.8	7 568.0	9.9	1.5	2.3	1.8	1.4	2.3	1.8
26,001 to 33,000	376.9	5 410.7	14.4	376.5	5 404.9	14.4	1.9	2.9	2.3	1.9	2.9	2.3
33,001 to 40,000	208.5	4 113.1	19.7	208.1	4 107.9	19.7	2.2	3.1	2.5	2.2	3.1	2.5
40,001 to 50,000	292.2	7 624.9	26.1	292.2	7 624.9	26.1	1.6	2.4	1.9	1.6	2.4	1.9
50,001 to 60,000	187.9	7 156.9	38.1	187.9	7 156.9	38.1	2.0	2.7	2.0	2.0	2.7	2.0
60,001 to 80,000	722.7	45 438.8	62.9	722.7	45 438.8	62.9	.8	1.0	.7	.8	1.0	.7
80,001 to 100,000	28.2	1 254.0	44.4	28.2	1 254.0	44.4	4.2	4.8	2.8	4.2	4.8	2.8
100,001 to 130,000	7.8	439.8	56.2	7.8	439.8	56.2	7.2	8.1	5.6	7.2	8.1	5.6
130,001 or more	4.4	185.0	41.7	4.4	185.0	41.7	12.8	14.2	11.1	12.8	14.2	11.1
Not reported	.6	(S)	1.6	(S)	(S)	(S)	40.5	(S)	46.3	(S)	(S)	(S)
TOTAL LENGTH (FEET)												
Less than 13.0	3 607.8	41 064.0	11.4	56.8	565.0	9.9	2.5	3.4	2.2	8.1	11.1	7.3
13.0 to 15.9	11 615.3	135 251.1	11.6	167.0	1 641.0	9.8	1.2	1.7	1.1	4.2	5.6	4.3
16.0 to 19.9	25 180.2	257 550.5	10.2	850.2	8 395.4	9.9	.6	1.1	.8	2.3	3.5	2.5
20.0 to 27.9	2 050.1	20 213.7	9.9	2 019.7	19 871.7	9.8	1.0	1.5	1.2	.9	1.4	1.2
28.0 to 35.9	659.5	10 211.9	15.5	597.0	9 575.9	16.0	2.8	3.3	2.8	1.9	3.1	2.2
36.0 to 40.9	292.6	4 277.7	14.6	110.5	2 228.7	20.2	7.7	7.9	5.1	3.7	4.4	3.5
41.0 to 44.9	70.9	1 204.3	17.0	36.2	844.3	23.3	14.3	11.2	8.0	6.5	7.1	5.7
45.0 or more	1 095.6	59 541.4	54.3	1 048.5	59 196.8	56.5	1.4	.8	1.3	.7	.8	.7
Not reported	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
YEAR MODEL												
1988	86.8	688.4	7.9	2.0	91.7	45.7	14.2	14.3	7.8	16.8	17.9	11.2
1987	2 862.1	43 253.1	15.1	183.0	6 874.2	37.6	2.7	3.2	1.8	3.7	2.9	2.9
1986	4 729.2	79 690.9	16.9	287.6	11 054.7	38.4	2.2	2.5	1.4	3.0	2.7	2.3
1985	3 939.2	65 859.2	16.7	292.6	12 571.3	43.0	2.3	2.5	1.4	2.6	2.5	2.1
1984	3 398.7	54 613.5	16.1	256.6	10 830.2	42.2	2.5	2.6	1.6	3.0	2.6	2.3
1983	2 484.7	34 797.7	14.0	162.0	5 291.8	32.7	3.1	3.5	2.0	5.2	4.6	2.9
1982	2 102.9	29 340.7	14.0	187.3	5 069.0	27.1	3.5	3.9	2.3	5.6	3.7	4.3
1981	1 820.6	24 916.4	13.7	215.0	6 423.8	29.9	3.6	3.8	2.3	2.9	3.5	3.0
1980	1 800.0	22 756.5	12.6	232.8	6 493.9	27.9	3.4	3.5	2.2	2.6	2.8	2.3
1979	3 187.2	36 289.1	11.4	341.0	8 016.2	23.5	2.6	2.8	1.7	2.3	2.4	2.1
1978	2 898.9	30 917.0	10.7	300.4	6 361.2	21.2	2.7	3.4	2.1	3.4	4.0	2.7
Pre-1978	15 248.2	106 038.1	7.0	2 423.1	23 188.1	9.6	1.0	1.5	1.1	.8	1.3	1.2
Not reported	(S)	154.4	11.3	2.8	53.2	19.2	(S)	49.8	11.0	20.3	28.7	20.1
VEHICLE ACQUISITION												
Purchased new	21 087.4	292 290.7	13.9	2 138.0	57 857.6	27.1	.8	1.0	.7	1.0	1.0	.9
Purchased used	22 324.7	215 230.7	9.6	2 511.0	34 677.4	13.8	.7	1.1	.9	.8	1.3	1.1
Leased from someone else	749.6	17 354.0	23.2	171.2	8 562.3	50.0	5.6	4.5	3.4	3.1	2.7	2.4
Not reported	410.5	4 439.9	10.8	66.1	1 222.1	18.5	7.1	7.8	5.4	7.5	8.7	7.9
LEASE CHARACTERISTICS[1 2]												
Leased without driver	974.8	23 062.1	23.7	339.5	13 027.7	38.4	4.6	3.8	2.8	2.2	2.1	1.8
Leased with driver	123.2	4 302.1	34.9	72.1	3 539.8	49.1	9.2	6.2	5.8	4.4	5.2	3.4
Leased with owner-operator	264.4	7 794.2	29.5	90.8	5 493.2	60.5	8.1	4.7	5.7	3.4	3.5	2.3
Not reported	82.5	861.6	10.4	11.7	356.2	30.5	17.6	12.8	15.4	11.7	10.7	10.1
Provisions of lease:												
Financing	489.3	10 206.1	20.9	106.1	3 928.7	37.0	6.9	7.0	4.5	4.0	4.0	3.3
Full maintenance	190.3	7 561.2	39.7	111.5	6 113.8	54.9	7.1	4.1	4.9	3.2	3.2	2.3
Maintenance on specific parts	76.1	1 334.9	17.5	10.5	505.2	48.0	17.8	14.6	7.0	9.7	10.8	8.1
Payment of taxes	208.0	6 955.0	33.4	84.4	4 981.0	59.0	9.1	5.7	5.7	4.0	4.3	2.5
Obtaining licenses and permits	231.2	9 924.5	42.9	142.7	8 615.0	60.4	5.9	3.1	4.8	2.8	2.8	2.0
Record keeping for leased trucks	121.6	5 756.7	47.4	82.7	5 168.0	62.5	6.7	3.9	5.0	3.6	3.6	2.4
Other	66.2	1 504.3	22.7	22.9	1 124.5	49.1	18.1	8.2	14.1	7.8	7.8	6.2

See footnotes at end of table.

Table 2. **Trucks, Truck Miles, and Average Annual Miles: 1987**—Con.

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

Vehicular and operational characteristics	Trucks and truck miles			Trucks and truck miles, excluding pickups, panels, utilities, and station wagons			Relative standard error of estimate (percent) for column—					
	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)						
	A	B	C	D	E	F	A	B	C	D	E	F
OPERATOR CLASSIFICATION												
Not for hire	43 597.9	482 013.6	11.1	4 105.5	58 438.4	14.2	.1	.6	.6	.6	.9	.8
Business use	13 703.5	188 046.1	13.7	3 833.2	56 729.3	14.8	1.0	1.4	.9	.5	.9	.8
Personal transportation	29 348.5	286 834.2	9.8	260.5	1 638.9	6.3	.5	.9	.7	5.3	14.7	11.3
Mixed—business use/personal transportation	545.9	7 133.4	13.1	11.8	70.2	6.0	7.1	8.8	5.2	18.9	19.1	17.1
For hire	793.4	43 124.8	54.4	704.4	41 227.9	58.5	1.9	1.4	1.4	1.2	1.2	1.0
Motor carrier	534.9	30 655.1	57.3	492.4	29 495.2	59.9	2.4	1.7	1.7	1.4	1.5	1.2
Owner/operator	257.0	12 413.1	48.3	210.5	11 676.1	55.5	3.5	2.5	2.7	2.3	2.4	1.6
Independent	161.9	5 944.9	36.7	120.3	5 299.0	44.0	5.2	4.1	4.0	3.4	3.7	2.6
Leased to a company	95.1	6 468.2	68.0	90.2	6 377.1	70.7	3.5	3.2	2.2	2.9	3.2	1.6
Not reported	1.5	56.5	37.5	1.5	56.5	37.5	19.2	20.8	17.7	19.2	20.8	17.7
Daily rental	147.9	3 621.9	24.5	70.8	2 526.6	35.7	11.7	7.7	7.4	5.0	4.7	3.8
Mixed—not for hire/for hire	2.9	102.1	35.7	2.8	101.7	36.1	19.1	22.2	15.4	19.3	22.3	15.4
For-hire jurisdiction:												
Interstate	372.8	28 891.7	77.5	359.6	28 537.4	79.4	1.8	1.6	1.1	1.4	1.5	.8
Intrastate	207.6	9 396.0	45.3	180.2	8 736.5	48.5	4.9	3.3	3.2	2.5	2.6	1.9
Local	211.6	4 807.0	22.7	163.2	3 923.9	24.1	4.7	5.5	4.1	3.4	4.7	3.7
Not reported	1.4	30.0	21.1	1.4	30.0	21.1	20.3	34.9	29.4	20.3	34.9	29.4
Type of carrier (interstate only):												
Contract	78.0	6 295.3	80.7	77.7	6 281.0	80.8	3.3	3.5	1.5	3.3	3.5	1.5
Common	261.1	20 149.8	77.2	251.6	19 839.5	78.9	2.3	2.0	1.4	1.7	1.8	1.1
Exempt	18.9	1 539.2	81.2	17.9	1 525.7	85.4	7.9	6.9	6.0	5.8	7.0	3.6
Not reported	14.7	907.4	61.7	12.4	891.2	71.7	11.4	8.9	9.6	8.1	9.0	5.6
PRODUCTS CARRIED												
Farm products	1 557.8	16 210.4	10.4	768.6	8 467.8	11.0	2.8	4.7	3.5	1.4	2.3	2.2
Live animals	554.1	7 213.6	13.0	139.6	2 228.9	16.0	5.6	7.2	4.7	3.3	5.0	4.5
Mining products	52.8	1 574.9	29.8	39.4	1 399.1	35.5	9.2	6.9	7.3	6.9	6.5	5.4
Logs and other forest products	158.8	3 295.7	20.8	109.3	2 761.5	25.3	5.5	4.5	3.9	3.2	3.5	3.3
Lumber and fabricated wood products	353.2	6 684.8	18.9	124.3	3 133.6	25.2	7.1	7.9	3.9	3.8	4.2	3.8
Processed foods	629.5	16 322.5	25.9	393.3	13 175.2	33.5	3.9	2.7	2.7	2.1	2.2	1.8
Textile mill products	215.0	4 329.9	20.1	59.7	1 800.6	30.2	9.9	10.3	6.7	6.1	6.0	4.9
Building materials	1 140.6	18 599.5	16.3	640.3	11 812.2	18.4	3.3	3.3	2.1	1.6	1.9	1.7
Household goods	138.6	2 873.8	20.7	101.8	2 484.8	24.4	6.0	4.6	3.9	4.4	4.4	3.1
Furniture or hardware	180.3	3 353.2	18.6	72.6	2 136.7	29.4	8.7	6.6	6.1	5.2	5.5	4.1
Paper products	198.8	4 900.9	24.7	69.0	2 722.7	39.5	8.8	8.2	5.2	5.0	4.8	3.9
Chemicals	375.6	6 676.1	17.8	113.1	2 823.2	25.0	7.3	6.9	3.8	4.0	4.3	3.8
Petroleum	242.9	5 078.0	20.9	172.0	4 242.3	24.7	4.5	4.2	3.4	2.8	3.4	2.9
Plastics and/or rubber	95.1	2 313.0	24.3	34.5	1 374.9	39.9	15.9	12.1	9.9	7.5	8.0	6.7
Primary metal products	169.1	4 348.1	25.7	81.3	3 147.2	38.7	9.5	7.3	5.9	4.2	4.4	3.5
Fabricated metal products	292.4	5 543.0	19.0	100.1	2 646.4	26.4	8.1	8.0	4.6	4.5	4.9	4.0
Machinery	406.6	6 298.3	15.5	176.5	2 862.9	16.2	5.5	5.9	4.0	3.4	4.3	3.7
Transportation equipment	420.0	6 994.6	16.7	187.8	3 802.9	20.2	6.0	6.5	4.1	4.1	4.7	3.9
Glass products	55.3	1 040.0	18.8	19.1	507.8	26.6	22.7	14.5	15.1	40.0	14.8	31.4
Miscellaneous products of manufacturing	299.1	6 183.2	20.7	53.6	1 596.4	29.8	9.3	10.9	5.9	7.3	5.9	6.5
Industrial water	30.6	337.2	11.0	29.8	336.3	11.3	7.1	10.2	8.7	6.8	10.2	8.5
Scrap, refuse, or garbage	242.1	3 104.9	12.8	164.5	2 445.2	14.9	4.9	5.8	4.6	3.3	4.5	3.9
Hazardous waste	6.5	351.3	54.0	5.0	288.9	58.0	21.6	20.1	8.6	14.1	13.9	9.2
Mixed cargoes	685.6	21 077.0	30.7	324.6	15 724.6	48.4	4.6	2.9	3.2	2.1	2.2	1.9
Craftsman's equipment	2 476.3	34 490.2	13.9	319.2	3 592.9	11.3	3.0	4.0	2.4	3.7	4.2	3.0
Personal transportation	29 289.6	286 920.5	9.8	250.8	1 650.7	6.6	.5	.9	.7	5.5	14.6	11.0
No load carried	3 792.1	48 298.2	12.7	224.5	2 131.0	9.5	2.4	3.2	2.0	4.1	8.3	5.5
Not in use	257.5	111.6	.4	84.2	23.5	.3	9.7	32.6	32.1	5.8	26.7	26.3
Other	256.1	4 790.5	18.7	27.7	998.8	36.1	9.7	12.9	8.2	7.6	10.3	8.8
Not reported	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
HAZARDOUS MATERIALS CARRIED												
Hazardous materials carried	340.1	14 523.1	42.7	278.2	13 538.7	48.7	3.7	2.6	2.8	2.0	2.3	1.8
Less than 10 percent of time	114.2	7 220.4	63.2	106.8	7 112.6	66.6	3.6	3.5	3.0	3.1	3.5	2.5
10 to 25 percent of time	27.5	1 244.2	45.3	19.2	1 099.3	57.3	27.5	13.1	17.0	7.1	8.6	5.2
26 to 49 percent of the time	17.9	652.2	36.4	14.8	625.6	42.3	12.0	9.4	10.1	8.2	9.4	7.3
50 to 74 percent of the time	24.7	974.3	39.5	23.5	960.5	41.0	8.4	7.6	7.2	7.6	7.7	6.5
75 to 100 percent of the time	94.4	2 771.5	29.4	88.9	2 682.5	30.2	4.3	4.7	3.8	3.9	4.6	3.8
No percent reported	61.4	1 660.4	27.1	25.1	1 058.1	42.2	13.0	10.7	9.1	6.6	6.6	5.6
Types of hazardous materials[2]:												
Flammable liquids	197.6	9 287.0	47.0	175.3	8 966.1	51.1	4.8	3.1	3.5	2.4	2.8	2.2
Combustible liquids	95.2	5 812.3	61.0	94.9	5 799.4	61.1	3.1	3.7	2.6	3.1	3.7	2.6
Corrosive liquids	70.0	4 591.6	65.6	65.8	4 540.0	69.0	5.0	4.3	4.2	3.7	4.3	2.9
Poison B solids	30.8	2 437.9	79.2	30.2	2 435.0	80.8	5.0	6.2	3.9	4.9	6.2	3.6
Poison B liquids	29.2	2 346.3	80.4	28.6	2 343.3	82.1	5.2	6.4	3.9	5.0	6.4	3.7
Flammable solids	28.7	2 324.3	81.1	28.0	2 321.3	82.8	5.2	6.4	4.0	5.1	6.4	3.7
Oxidizers	28.0	2 316.6	82.8	27.7	2 314.1	83.5	5.1	6.4	3.8	5.1	6.4	3.7
Flammable gas	26.2	2 173.3	83.0	25.9	2 170.5	83.9	5.3	6.7	4.0	5.3	6.7	3.8
Nonflammable gas	26.1	2 168.5	83.0	25.8	2 165.7	83.9	5.4	6.7	4.0	5.3	6.8	3.9
Poison A	20.7	1 844.0	89.3	20.4	1 841.4	90.3	6.0	7.4	4.2	6.0	7.5	4.0

See footnotes at end of table.

Table 2. Trucks, Truck Miles, and Average Annual Miles: 1987—Con.

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

Vehicular and operational characteristics	Trucks and truck miles			Trucks and truck miles, excluding pickups, panels, utilities, and station wagons			Relative standard error of estimate (percent) for column—					
	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)						
	A	B	C	D	E	F	A	B	C	D	E	F
HAZARDOUS MATERIALS CARRIED—Con.												
Types of hazardous materials[2]—Con.												
Corrosive solids	21.4	1 906.5	89.2	21.1	1 904.0	90.2	5.9	7.3	4.1	5.9	7.3	4.0
Explosives, A or B	4.6	321.3	70.2	4.0	307.1	76.0	14.4	15.8	9.9	13.4	16.1	8.4
Blasting agents	1.4	60.1	42.8	1.1	57.5	50.7	24.3	25.7	24.4	18.7	26.5	20.3
Radioactive materials	1.6	69.9	43.2	1.1	55.6	51.6	26.7	25.9	19.7	19.0	24.4	19.1
ORM-A, B, or C	2.0	128.4	63.3	1.5	114.2	76.8	23.4	26.9	21.6	19.1	28.4	19.6
ORM E	3.4	148.9	43.4	1.6	131.0	82.3	47.3	25.5	39.9	19.6	26.5	16.7
Hazardous materials not listed	(S)	16.1	16.4	.3	8.4	29.4	(S)	43.7	25.4	33.7	48.1	34.5
Not reported	139.0	5 128.0	36.9	101.4	4 485.0	44.2	6.1	4.9	4.7	3.7	4.2	3.4
No hazardous materials carried	43 281.5	501 460.0	11.6	4 297.3	82 902.8	19.3	.1	.6	.6	.5	.8	.7
Not reported	950.6	13 332.2	14.0	310.7	5 877.9	18.9	3.8	4.3	2.8	2.7	3.1	2.9
TRUCK FLEET SIZE[3]												
1	29 026.2	308 699.4	10.6	1 169.7	20 235.0	17.3	.5	.9	.7	1.7	1.9	1.7
2 to 5	11 094.4	122 944.4	11.1	1 546.5	18 529.5	12.0	1.3	1.7	1.2	1.0	1.7	1.4
6 to 19	2 397.2	40 121.6	16.7	1 007.3	19 782.4	19.6	2.5	2.9	1.8	1.4	1.6	1.4
20 or more	2 054.4	57 549.8	28.0	1 162.8	43 772.5	37.6	2.5	1.9	1.6	1.2	1.2	1.0
MILES PER GALLON												
Less than 5	640.8	20 509.9	32.0	640.2	20 499.3	32.0	1.3	1.6	1.4	1.3	1.6	1.4
5 to 6.9	1 823.1	52 726.2	28.9	1 712.6	51 652.5	30.2	1.2	1.0	1.1	.8	.9	.9
7 to 8.9	2 470.5	25 367.8	10.3	1 003.7	11 788.6	11.7	2.5	3.6	2.7	1.5	2.3	2.0
9 to 11.9	8 593.1	78 482.0	9.1	1 010.8	12 527.7	12.4	1.5	2.0	1.4	1.6	2.0	1.7
12 to 14.9	10 747.9	105 379.3	9.8	304.2	3 472.6	11.4	1.3	1.8	1.3	3.6	5.4	3.8
15 to 19.9	11 096.5	126 944.8	11.4	136.6	1 627.8	11.9	1.3	1.8	1.2	6.7	7.8	5.2
20 or more	9 032.2	119 873.6	13.3	38.4	746.2	19.4	1.5	1.9	1.1	24.8	33.9	10.8
Not reported	168.1	(S)	(S)	39.7	4.6	.1	12.4	(S)	(S)	7.9	48.5	48.8
EQUIPMENT TYPE[4]												
Braking system	4 886.2	102 319.4	20.9	4 886.2	102 319.4	20.9	.5	.6	.6	.5	.6	.6
Hydraulic	1 332.0	12 039.2	9.0	1 332.0	12 039.2	9.0	1.0	2.0	1.6	1.0	2.0	1.6
Hydraulic (power)	1 389.3	15 492.9	11.2	1 389.3	15 492.9	11.2	1.0	1.7	1.4	1.0	1.7	1.4
Air	1 695.2	68 118.8	40.2	1 695.2	68 118.8	40.2	.5	.7	.7	.5	.7	.7
Not reported	469.8	6 668.4	14.2	469.8	6 668.4	14.2	4.6	5.6	4.1	4.6	5.6	4.1
Power steering[2]	20 530.8	259 245.5	12.6	102.0	3 365.3	33.0	.8	1.1	.8	13.1	8.2	8.9
Air conditioning[2]	13 571.5	178 771.8	13.2	70.1	3 002.6	42.8	1.1	1.5	1.0	14.3	8.6	9.2
Engine retarder[2]	8.9	717.2	81.0	8.9	717.2	81.0	8.2	8.7	5.0	8.2	8.7	5.0
Reflective materials[2]	97.5	5 965.2	61.2	95.9	5 947.8	62.1	3.7	3.4	3.1	3.7	3.4	3.0
Electronic vehicle management system[2]	4.1	326.5	79.2	3.8	322.6	84.3	12.8	14.4	10.4	12.7	14.6	9.8
Electronic vehicle identification device (transponder, etc.)[2]	1.5	97.2	62.8	1.5	97.2	62.8	21.8	19.9	18.8	21.8	19.9	18.8
Trip recorders[2]	3.0	190.5	63.6	3.0	190.5	63.6	17.1	21.0	15.4	17.1	21.0	15.4
Navigational systems[2]	.7	27.6	37.1	.7	27.6	37.1	39.8	39.6	41.5	39.8	39.6	41.5
FUEL CONSERVATION EQUIPMENT[2 4]												
Aerodynamic features	340.7	21 336.0	62.6	332.8	21 254.9	63.9	1.8	1.8	1.5	1.8	1.8	1.4
Axle or drive ratio	226.7	15 505.0	68.4	222.9	15 459.9	69.4	2.2	2.1	1.7	2.2	2.1	1.7
Fuel economy engine	191.6	14 071.7	73.4	189.5	14 046.3	74.1	2.3	2.2	1.7	2.3	2.2	1.7
Radial tires	26 069.1	322 416.6	12.4	154.9	7 348.8	47.4	.6	.9	.7	9.7	5.1	6.8
Road speed governor	43.1	3 209.8	74.5	43.1	3 209.8	74.5	4.2	4.3	3.1	4.2	4.3	3.1
Variable fan drives	39.4	3 190.3	81.0	39.3	3 189.8	81.1	4.3	4.4	2.8	4.3	4.4	2.8
Other fuel conservation devices	20.7	1 806.4	87.4	20.6	1 805.2	87.6	6.0	5.7	4.0	6.1	5.7	4.0
MAINTENANCE[2]												
General maintenance:												
Owner	26 385.0	281 195.2	10.7	2 065.0	30 944.4	15.0	.6	1.0	.8	1.0	1.4	1.2
Company's maintenance facilities	3 684.1	79 912.9	21.7	1 765.8	52 727.9	29.9	1.9	1.7	1.3	.8	1.0	.9
Dealership's service department	6 294.0	84 748.2	13.5	356.6	8 947.1	25.1	1.8	2.3	1.4	2.6	2.6	2.2
Leasing company	179.9	5 092.9	28.3	60.9	3 266.1	53.7	9.1	7.4	5.6	5.5	4.3	3.9
Independent garage	12 138.2	146 529.2	12.1	1 007.9	19 380.9	19.2	1.2	1.6	1.1	1.9	2.0	1.7
Component distributorship	396.4	6 614.9	16.7	59.6	2 178.0	36.5	8.1	8.4	4.9	5.3	5.5	4.8
No one	540.7	3 744.5	6.9	32.1	176.6	5.5	6.8	9.0	6.1	24.3	21.5	14.4
Other	166.5	2 117.4	12.7	14.3	642.4	44.9	12.4	13.0	10.0	10.1	11.6	9.0
Not reported	1 922.1	18 013.9	9.4	227.5	3 672.6	16.1	3.3	3.8	2.6	3.7	4.0	3.9
Major overhauls:												
Owner	6 591.6	67 696.4	10.3	664.9	11 090.0	16.7	1.8	2.3	1.5	1.8	2.8	2.2
Company's maintenance facilities	2 034.6	47 910.0	23.5	1 077.8	34 523.6	32.0	2.6	2.2	1.9	1.1	1.3	1.1
Dealership's service department	4 702.1	74 169.2	15.8	557.0	16 752.2	30.1	2.1	2.3	1.3	1.7	1.8	1.5
Leasing company	170.5	3 953.7	23.2	49.0	2 293.1	46.8	10.0	8.4	5.1	5.1	4.8	3.9
Independent garage	8 489.8	102 513.3	12.1	1 053.9	20 354.1	19.3	1.5	1.9	1.3	1.5	1.6	1.5
Component distributorship	868.3	16 041.6	18.5	189.7	7 508.4	39.6	5.0	4.4	3.0	2.7	2.8	2.4
No one	2 623.4	28 534.6	10.9	145.9	1 567.2	10.7	3.0	4.0	2.6	6.6	6.4	5.9
Other	209.1	2 696.1	12.9	16.8	606.2	36.1	12.1	13.1	8.6	9.9	12.0	10.3
Not reported	20 373.2	211 650.2	10.4	1 474.3	19 056.2	12.9	.8	1.2	.9	1.4	2.0	1.7

See footnotes at end of table.

Table 2. **Trucks, Truck Miles, and Average Annual Miles: 1987**—Con.

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

Vehicular and operational characteristics	Trucks and truck miles			Trucks and truck miles, excluding pickups, panels, utilities, and station wagons			Relative standard error of estimate (percent) for column—					
	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)						
	A	B	C	D	E	F	A	B	C	D	E	F
ENGINE TYPE AND SIZE												
Engine	44 572.2	529 315.3	11.9	4 886.2	102 319.4	20.9	.1	.5	.5	.5	.6	.6
Gasoline	41 768.3	437 802.7	10.5	3 000.4	25 304.5	8.4	.2	.6	.6	.8	1.6	1.3
Diesel	2 733.0	90 858.9	33.2	1 862.0	76 776.6	41.2	1.8	1.3	1.2	.6	.7	.6
LPG or other	45.3	548.2	12.1	13.7	198.2	14.5	20.8	18.3	18.8	14.8	14.6	10.2
Not reported	25.6	105.4	4.1	10.2	40.1	3.9	14.4	24.3	21.6	11.8	29.7	27.5
Cylinders[5]	44 572.2	529 315.3	11.9	4 886.2	102 319.4	20.9	.1	.5	.5	.5	.6	.6
4	7 744.0	97 768.5	12.6	29.9	483.3	16.2	1.7	2.1	1.3	12.3	14.9	6.7
6	10 527.3	159 267.5	15.1	1 189.5	50 621.6	42.6	1.2	1.4	.9	1.1	1.0	1.0
8	22 521.5	234 029.6	10.4	2 158.5	25 826.2	12.0	.7	1.1	.9	1.0	1.7	1.3
Other	17.8	178.9	10.1	3.9	81.5	20.7	44.5	28.6	25.2	20.3	21.0	12.8
Not reported	3 761.6	38 070.9	10.1	1 504.4	25 306.9	16.8	2.1	2.0	1.7	1.0	1.3	1.3
Cubic inch displacement	44 546.6	529 209.8	11.9	4 876.0	102 279.3	21.0	.1	.5	.5	.5	.6	.6
Gasoline engines	41 768.3	437 802.7	10.5	3 000.4	25 304.5	8.4	.2	.6	.6	.8	1.6	1.3
Less than 200	10 542.7	135 134.4	12.8	25.3	232.3	9.2	1.4	1.8	1.1	13.1	24.9	14.8
200 to 299	4 975.5	45 539.2	9.2	317.7	2 001.9	6.3	2.0	2.8	1.9	3.6	10.6	8.3
300 to 349	10 342.5	113 137.0	10.9	475.8	4 016.9	8.4	1.3	1.8	1.2	2.7	4.9	3.5
350 to 399	11 765.4	110 157.4	9.4	1 370.9	12 982.8	9.5	1.2	1.8	1.2	1.4	1.9	1.5
400 or more	2 379.5	24 088.4	10.1	403.1	4 181.2	10.4	3.1	4.4	2.8	2.4	3.9	2.9
Not reported[6]	1 762.8	9 746.3	5.5	407.6	1 889.5	4.6	3.3	5.8	4.2	2.3	5.4	4.8
Diesel engines	2 733.0	90 858.9	33.2	1 862.0	76 776.6	41.2	1.8	1.3	1.2	.6	.7	.6
Less than 400	789.6	14 609.8	18.5	254.0	6 564.2	25.8	4.6	4.7	2.8	3.3	3.7	2.0
400 to 599	633.0	16 143.7	25.5	400.6	11 316.6	28.3	4.3	4.8	2.9	1.8	2.5	1.9
600 to 799	365.2	13 204.2	36.2	363.9	13 184.5	36.2	1.5	1.9	1.4	1.4	1.9	1.4
800 or more	560.6	36 730.9	65.5	560.4	36 726.3	65.5	.9	1.1	.8	.9	1.1	.8
Not reported[6]	384.8	10 170.4	26.4	283.2	8 985.0	31.7	5.1	3.5	3.6	1.9	2.6	2.0
Other engines	45.3	548.2	12.1	13.7	198.2	14.5	20.8	18.3	18.8	14.8	14.6	10.2
Less than 400	30.5	463.9	15.2	8.1	132.7	16.4	18.2	21.3	11.1	17.6	19.2	10.7
400 or more	4.0	57.1	14.4	2.6	43.4	16.7	28.1	25.6	13.7	21.5	24.9	15.3
Not reported[6]	(S)	27.3	(S)	3.0	22.1	7.4	(S)	32.9	(S)	44.7	37.3	23.7
Horsepower	44 546.6	529 209.8	11.9	4 876.0	102 279.3	21.0	.1	.5	.5	.5	.6	.6
Gasoline engines	41 768.3	437 802.7	10.5	3 000.4	25 304.5	8.4	.2	.6	.6	.8	1.6	1.3
Less than 100	5 073.2	58 109.7	11.5	57.9	223.6	3.9	2.1	2.8	1.7	8.0	24.0	20.0
100 to 199	30 201.3	324 699.6	10.8	1 748.5	16 063.8	9.2	.5	.9	.7	1.2	2.2	1.7
200 to 249	2 734.6	27 055.7	9.9	555.7	5 227.3	9.4	2.9	4.3	2.8	2.4	3.4	2.5
250 or more	469.3	3 375.2	7.2	173.3	1 468.7	8.5	5.4	6.4	4.4	3.5	5.7	4.3
Not reported[6]	3 289.8	24 562.3	7.5	465.1	2 321.2	5.0	2.6	4.0	3.0	2.7	4.9	4.2
Diesel engines	2 733.0	90 858.9	33.2	1 862.0	76 776.6	41.2	1.8	1.3	1.2	.6	.7	.6
Less than 250	1 356.4	27 209.6	20.1	697.4	16 103.2	23.1	3.0	3.4	2.1	1.5	2.0	1.4
250 to 349	534.4	27 416.5	51.3	528.0	27 345.4	51.8	1.1	1.4	1.1	1.0	1.4	1.0
350 to 449	373.7	25 290.2	67.7	373.5	25 286.6	67.7	1.2	1.4	.8	1.2	1.4	.8
450 or more	11.2	718.6	64.2	11.2	718.6	64.2	7.0	8.7	4.9	7.0	8.7	4.9
Not reported[6]	457.3	10 224.1	22.4	251.9	7 322.8	29.1	5.9	5.2	3.8	2.2	2.7	2.1
Other engines	45.3	548.2	12.1	13.7	198.2	14.5	20.8	18.3	18.8	14.8	14.6	10.2
Less than 250	32.1	465.5	14.5	9.7	155.6	16.0	17.1	20.0	10.7	15.4	17.0	9.3
250 or more	(S)	(S)	22.8	.6	(S)	19.0	(S)	(S)	14.5	45.6	(S)	48.4
Not reported[6]	(S)	36.5	(S)	3.3	31.3	9.4	(S)	28.6	(S)	40.3	31.4	25.1
TRUCK TYPE AND AXLE ARRANGEMENT												
Single-unit trucks	42 916.5	462 035.2	10.8	3 586.7	38 769.6	10.8	.1	.6	.6	.7	1.2	1.0
2 axles	42 465.4	454 822.5	10.7	3 135.6	31 556.9	10.1	.1	.6	.6	.7	1.4	1.2
3 axles	398.0	5 946.0	14.9	398.0	5 946.0	14.9	1.7	2.4	1.9	1.7	2.4	1.9
4 axles or more	53.1	1 266.7	23.8	53.1	1 266.7	23.8	4.1	5.3	3.5	4.1	5.3	3.5
Combinations	1 655.7	67 280.1	40.6	1 299.6	63 549.8	48.9	2.0	1.0	1.7	.7	.8	.8
Single-unit truck with trailer	59.6	1 476.1	24.8	59.6	1 476.1	24.8	5.7	7.3	5.8	5.7	7.3	5.8
4 axles	29.0	519.6	17.9	29.0	519.6	17.9	9.4	13.2	9.6	9.4	13.2	9.6
5 axles or more	30.5	956.5	31.3	30.5	956.5	31.3	6.6	8.6	7.1	6.6	8.6	7.1
Single-unit truck with utility trailer	537.5	6 053.6	11.3	181.7	2 325.4	12.8	6.2	7.1	4.8	3.6	5.0	3.6
3 axles	232.2	2 227.0	9.6	49.1	488.3	9.9	10.7	12.9	7.7	6.9	11.0	8.5
4 axles	257.5	2 992.9	11.6	90.8	1 045.9	11.5	8.5	10.4	7.4	5.8	8.1	5.3
5 axles or more	47.8	833.6	17.4	41.8	791.2	18.9	8.0	7.4	7.6	5.7	7.3	6.5
Truck-tractor with single trailer	1 023.4	57 056.1	55.8	1 023.4	57 056.1	55.8	.6	.8	.6	.6	.8	.6
3 axles	86.5	2 455.8	28.4	86.5	2 455.8	28.4	3.3	5.3	3.9	3.3	5.3	3.9
4 axles	230.8	10 008.6	43.4	230.8	10 008.6	43.4	1.7	2.3	1.7	1.7	2.3	1.7
5 axles or more	706.1	44 591.6	63.2	706.1	44 591.6	63.2	.8	1.0	.7	.8	1.0	.7
Truck-tractor with double trailers	34.3	2 653.7	77.3	34.3	2 653.7	77.3	5.2	6.1	3.5	5.2	6.1	3.5
5 axles	26.7	2 181.8	81.8	26.7	2 181.8	81.8	6.0	7.0	3.9	6.0	7.0	3.9
6 axles	5.0	304.2	61.0	5.0	304.2	61.0	15.0	17.4	10.6	15.0	17.4	10.6
7 axles or more	2.7	167.6	63.1	2.7	167.6	63.1	11.0	11.4	5.3	11.0	11.4	5.3
Truck-tractor with triple trailers	.5	38.5	80.5	.5	38.5	80.5	21.7	24.8	14.1	21.7	24.8	14.1
7 axles	.4	34.7	94.0	.4	34.7	94.0	25.3	27.1	13.4	25.3	27.1	13.4
8 axles or more	.1	3.9	35.1	.1	3.9	35.1	41.5	47.6	36.9	41.5	47.6	36.9
Trailer not specified	(S)	(S)	4.5	(S)	(Z)	(Z)	(S)	(S)	34.1	(S)	(Z)	(Z)
Powered axles	44 572.2	529 315.3	11.9	4 886.2	102 319.4	20.9	.1	.5	.5	.5	.6	.6
1	34 550.3	379 426.0	11.0	3 642.4	48 671.3	13.4	.4	.8	.7	.6	1.1	.9
2	9 985.1	148 979.8	14.9	1 207.0	52 738.6	43.7	1.2	1.3	.9	.9	.9	.8
3 or more	36.7	909.4	24.8	36.7	909.4	24.8	8.3	6.9	7.4	8.3	6.9	7.4
Not reported	(S)	(Z)	(S)	(S)	(Z)	(S)	(S)	(S)	(S)	(S)	(S)	(S)

See footnotes at end of table.

Table 2. **Trucks, Truck Miles, and Average Annual Miles: 1987**—Con.

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

Vehicular and operational characteristics	Trucks and truck miles			Trucks and truck miles, excluding pickups, panels, utilities, and station wagons			Relative standard error of estimate (percent) for column—					
	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)						
	A	B	C	D	E	F	A	B	C	D	E	F
CAB TYPE[7]												
Cab forward of engine	84.6	1 243.0	14.7	84.6	1 243.0	14.7	4.7	6.3	5.1	4.7	6.3	5.1
Cab over engine	809.5	32 020.3	39.6	809.5	32 020.3	39.6	1.2	1.3	1.2	1.2	1.3	1.2
Conventional cab	3 455.0	61 442.0	17.8	3 455.0	61 442.0	17.8	.4	.8	.7	.4	.8	.7
Cab beside engine	40.0	494.7	12.4	40.0	494.7	12.4	8.0	10.8	7.1	8.0	10.8	7.1
Other	109.2	1 382.6	12.7	109.2	1 382.6	12.7	4.6	6.6	4.6	4.6	6.6	4.6
Not reported	388.1	5 736.7	14.8	388.1	5 736.7	14.8	5.5	6.4	4.7	5.5	6.4	4.7
PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS												
Total	39 686.0	426 995.9	10.8	(Z)	(Z)	(Z)	.1	.7	.7	(Z)	(Z)	(Z)
Pickups	27 662.6	284 929.0	10.3	(Z)	(Z)	(Z)	.2	.8	.8	(Z)	(Z)	(Z)
Mini-vans	1 713.8	23 027.2	13.4	(Z)	(Z)	(Z)	3.6	4.2	2.2	(Z)	(Z)	(Z)
Panels or vans	5 173.7	61 035.5	11.8	(Z)	(Z)	(Z)	1.7	2.5	1.8	(Z)	(Z)	(Z)
Utilities	3 772.1	43 199.9	11.5	(Z)	(Z)	(Z)	2.2	3.3	2.2	(Z)	(Z)	(Z)
Station wagons	1 363.7	14 804.4	10.9	(Z)	(Z)	(Z)	4.2	5.4	3.2	(Z)	(Z)	(Z)
Driving wheels	39 686.0	426 995.9	10.8	(Z)	(Z)	(Z)	.1	.7	.7	(Z)	(Z)	(Z)
4-wheel drive	8 778.1	96 241.2	11.0	(Z)	(Z)	(Z)	1.4	2.0	1.3	(Z)	(Z)	(Z)
2-wheel drive	30 907.9	330 754.7	10.7	(Z)	(Z)	(Z)	.4	.9	.8	(Z)	(Z)	(Z)
Front-wheel drive	1 215.3	16 633.2	13.7	(Z)	(Z)	(Z)	4.6	5.5	3.0	(Z)	(Z)	(Z)
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.

[2]Detail does not add to total because items were not applicable or multiple responses were possible.

[3]When no response was obtained, a fleet size of one truck was assumed.

[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.

[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.

[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.

[7]Pickups, panels, vans, and mini-vans are not included.

Table 3. **Trucks by Major Use: 1987**

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

	Vehicular and operational characteristics	Total	Major use						
			Agriculture	Forestry and lumbering	Mining and quarrying	Construction	Manufacturing	Wholesale trade	Retail trade
1	**Total trucks**	**44 572.2**	**3 536.9**	**282.2**	**204.6**	**4 478.5**	**581.2**	**969.5**	**1 537.1**
2	Relative standard error (percent)	.1	2.1	7.4	7.1	2.1	5.3	3.9	3.4
	BODY TYPE								
3	Pickup	27 662.6	2 353.1	155.7	90.3	2 493.8	196.1	241.5	623.8
4	Mini-van	1 713.8	(S)	(Z)	(Z)	68.0	19.7	51.2	90.1
5	Panel or van	5 173.7	58.7	(S)	8.7	708.9	87.5	194.7	296.6
6	Utility	3 772.1	89.5	5.2	8.7	167.2	31.7	32.2	97.4
7	Station wagon	1 363.7	33.1	(S)	(S)	43.4	(S)	12.9	36.4
8	Multistop or walk-in	484.0	14.0	(S)	(S)	74.7	24.2	79.4	69.5
9	Platform with added devices	253.6	85.5	6.7	9.6	64.9	8.1	15.9	17.6
10	Low boy or depressed center	93.8	12.7	3.8	3.2	49.8	3.1	1.4	3.2
11	Basic platform	1 261.2	398.2	43.2	20.3	269.6	65.9	67.9	76.4
12	Livestock truck	59.8	47.7	(Z)	(Z)	(S)	.3	(S)	(Z)
13	Insulated nonrefrigerated van	29.3	5.3	(Z)	(Z)	(S)	1.3	8.4	3.4
14	Insulated refrigerated van	157.9	16.7	(Z)	(Z)	.3	12.2	61.2	12.2
15	Drop-frame van	65.8	1.9	(S)	(Z)	1.3	6.1	4.7	5.8
16	Open-top van	17.1	8.3	2.4	(Z)	(S)	1.0	.3	(S)
17	Basic enclosed van	669.9	24.8	3.5	1.3	32.9	67.3	99.3	65.6
18	Beverage	68.4	(S)	(Z)	(Z)	(S)	5.8	50.5	10.8
19	Public utility	121.4	(S)	.9	(S)	17.5	(S)	(S)	1.1
20	Winch or crane	51.4	2.9	.7	4.6	20.9	3.6	2.6	2.5
21	Wrecker	116.0	(S)	(S)	(S)	4.6	(S)	2.3	45.6
22	Pole or logging	52.1	1.0	38.8	(S)	2.2	.4	(S)	(S)
23	Auto transport	20.4	(S)	(Z)	(Z)	.7	.5	1.6	2.8
24	Service truck	102.7	2.8	1.0	3.5	58.3	1.5	1.7	6.3
25	Yard tractor	7.4	(S)	.3	(Z)	.5	1.9	1.0	.4
26	Oilfield truck	25.1	.6	(Z)	17.5	3.1	.1	(S)	.6
27	Grain body	278.1	257.1	(Z)	(S)	(S)	.6	(S)	.8
28	Garbage hauler	50.8	.4	(S)	(Z)	4.8	.9	.5	.4
29	Dump truck	581.6	74.7	11.0	20.4	312.6	13.3	3.5	10.7
30	Tank truck (liquids or gases)	213.0	30.0	.8	8.8	26.6	12.1	32.7	50.2
31	Tank truck (dry bulk)	31.5	12.0	(Z)	1.0	3.2	2.0	.5	1.5
32	Concrete mixer	56.4	(S)	(Z)	.2	45.4	6.8	.2	2.6
33	Other	17.5	.4	(Z)	(Z)	1.4	1.2	(S)	1.8
34	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	ANNUAL MILES								
35	Less than 5,000	11 288.3	1 389.3	70.0	45.8	822.7	103.2	110.5	253.8
36	5,000 to 9,999	10 447.3	803.1	45.1	43.2	840.4	93.8	129.5	300.6
37	10,000 to 19,999	15 376.7	895.6	77.8	49.8	1 571.4	174.0	312.2	573.3
38	20,000 to 29,999	4 755.1	226.3	43.5	31.6	802.8	88.4	202.6	240.3
39	30,000 to 49,999	1 870.3	158.1	22.8	25.4	355.9	65.5	139.8	140.1
40	50,000 to 74,999	421.6	46.2	13.7	5.5	67.8	23.8	44.1	17.7
41	75,000 or more	412.9	18.4	9.3	3.4	17.5	32.5	30.8	11.3
	RANGE OF OPERATION								
42	Local	33 684.8	2 507.6	177.0	111.6	3 446.6	354.0	597.8	1 170.8
43	Short-range	6 612.0	420.3	66.1	46.7	794.6	143.5	308.0	282.0
44	Long-range	1 997.3	88.7	8.8	9.0	86.2	49.1	54.3	41.4
45	Off-the-road	1 933.7	520.2	30.1	37.2	150.5	34.6	9.5	42.8
46	Not reported	344.4	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)
	BASE OF OPERATION								
	Percentage of miles traveled outside base-of-operation State:								
47	Less than 25 percent	36 048.0	3 034.6	238.5	167.1	3 885.3	455.0	779.7	1 295.5
48	25 to 49 percent	1 669.5	55.9	12.0	5.2	110.6	37.5	42.6	50.4
49	50 to 74 percent	1 325.8	70.5	8.7	8.0	78.9	28.4	38.7	43.2
50	75 to 100 percent	1 595.7	74.7	8.3	4.9	130.8	34.2	36.6	25.3
51	Not reported	3 933.2	301.3	14.7	19.4	272.9	26.1	71.8	122.7
	VEHICLE SIZE								
52	Light	40 947.3	2 698.5	184.7	124.6	3 809.0	389.6	646.2	1 290.8
53	Medium	1 029.6	265.4	18.1	18.3	188.3	40.4	82.3	101.2
54	Light-heavy	766.1	271.7	17.4	14.8	139.3	29.8	83.4	63.4
55	Heavy-heavy	1 828.8	301.2	62.1	46.9	341.9	121.4	157.6	81.7
	AVERAGE WEIGHT (POUNDS)								
56	Less than 6,001	38 056.6	2 318.1	140.4	91.5	3 267.9	330.4	509.7	1 096.6
57	6,001 to 10,000	2 890.6	380.5	44.2	33.2	541.1	59.2	136.6	194.2
58	10,001 to 14,000	524.9	113.0	6.4	11.4	99.8	17.6	36.5	51.6
59	14,001 to 16,000	242.0	72.9	6.2	4.2	39.5	10.7	21.0	27.8
60	16,001 to 19,500	262.7	79.5	5.6	2.6	49.0	12.1	24.8	21.7
61	19,501 to 26,000	766.1	271.7	17.4	14.8	139.3	29.8	83.4	63.4
62	26,001 to 33,000	376.9	115.4	6.4	7.0	67.0	20.5	51.4	26.7
63	33,001 to 40,000	208.5	45.5	5.6	4.8	40.9	16.5	21.9	13.0
64	40,001 to 50,000	292.2	56.9	7.8	7.0	79.8	17.9	22.2	10.0
65	50,001 to 60,000	187.9	16.4	4.6	4.9	49.3	13.5	14.1	8.1

See footnotes at end of table.

Major use—Con.									Relative standard error of estimate (percent) for total	
For-hire transportation	Utilities	Services	Daily rental	One way rental	Personal transportation	Other	Not in use	Not reported		
796.1	**472.4**	**1 980.8**	**147.6**	**33.8**	**29 291.6**	**(S)**	**258.5**	**(Z)**		1
2.0	6.6	3.2	11.8	8.7	.5	(S)	9.7	(Z)		2
42.7	176.2	900.4	6.1	(S)	20 267.4	(S)	113.6	(Z)	.2	3
(S)	18.3	93.9	17.1	(Z)	1 342.6	(Z)	(S)	(Z)	3.6	4
37.3	87.2	426.9	45.1	(S)	3 190.7	(Z)	25.6	(Z)	1.7	5
9.2	24.4	145.0	5.3	(Z)	3 134.9	(Z)	21.5	(Z)	2.2	6
(S)	(S)	112.5	(S)	(Z)	1 105.6	(Z)	(S)	(Z)	4.2	7
42.5	5.8	40.7	6.9	6.2	108.0	(Z)	11.2	(Z)	4.3	8
6.9	11.9	17.6	1.1	(S)	4.3	(Z)	3.3	(Z)	2.7	9
10.5	2.1	1.7	.3	(Z)	.9	(Z)	1.2	(Z)	3.1	10
107.4	15.0	55.5	8.9	1.5	100.6	(Z)	30.8	(Z)	1.1	11
8.7	(Z)	.3	(S)	(Z)	2.0	(Z)	(S)	(Z)	5.1	12
8.3	(Z)	.6	1.0	(Z)	(S)	(Z)	.4	(Z)	6.2	13
50.3	.5	1.8	1.4	(Z)	(Z)	(Z)	1.1	(Z)	2.8	14
34.1	(Z)	4.4	1.9	4.5	(S)	(Z)	.7	(Z)	4.6	15
2.4	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(S)	(Z)	7.5	16
269.7	2.4	28.5	42.8	20.0	4.3	(S)	7.4	(Z)	1.4	17
(S)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(S)	(Z)	5.0	18
(S)	96.3	2.2	(S)	(Z)	(S)	(Z)	(S)	(Z)	4.6	19
2.2	1.7	7.5	.5	(Z)	.5	(Z)	1.3	(Z)	6.0	20
14.4	(S)	41.3	(Z)	(Z)	2.1	(S)	3.6	(Z)	5.8	21
6.8	.6	(S)	(Z)	(Z)	(S)	(Z)	.8	(Z)	4.1	22
11.4	(Z)	1.6	(Z)	(Z)	1.2	(Z)	(S)	(Z)	7.0	23
(S)	11.2	12.7	(S)	(Z)	1.3	(Z)	1.3	(Z)	4.8	24
.7	(Z)	1.0	(Z)	(Z)	(Z)	(Z)	.7	(Z)	10.7	25
1.1	.6	(S)	(Z)	(Z)	(Z)	(Z)	.9	(Z)	9.1	26
11.0	(Z)	.6	.1	(Z)	2.8	(Z)	4.0	(Z)	2.2	27
1.1	2.9	38.5	(Z)	(Z)	(Z)	(Z)	1.0	(Z)	4.7	28
60.2	10.6	29.2	4.0	(S)	19.6	(Z)	11.6	(Z)	1.7	29
34.0	4.2	9.5	.4	(Z)	(S)	(Z)	2.7	(Z)	2.4	30
10.8	(Z)	(S)	.1	(Z)	(Z)	(Z)	.2	(Z)	5.9	31
.3	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	4.2	32
6.7	(Z)	4.7	(S)	(Z)	(S)	(Z)	(S)	(Z)	12.2	33
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(S)	34
38.7	78.2	357.4	22.0	(S)	7 740.1	(S)	255.7	(Z)	1.2	35
63.4	124.9	440.1	17.0	6.4	7 538.0	(S)	(S)	(Z)	1.3	36
122.0	194.4	710.9	43.2	20.3	10 630.9	(S)	(S)	(Z)	1.0	37
76.7	56.7	288.5	28.6	3.8	2 665.4	(Z)	(Z)	(Z)	2.2	38
121.0	17.0	150.7	17.6	2.5	653.0	(S)	(S)	(Z)	3.4	39
119.0	.7	25.5	8.1	.2	49.2	(S)	(Z)	(Z)	4.9	40
255.2	.5	7.8	11.0	.3	15.0	(Z)	(Z)	(Z)	1.9	41
280.8	368.0	1 550.6	64.5	(S)	23 024.0	(S)	29.3	(Z)	.4	42
216.4	89.3	286.6	45.8	1.9	3 900.5	(S)	(S)	(Z)	1.8	43
289.7	7.8	59.2	26.6	.5	1 275.9	(Z)	(S)	(Z)	3.2	44
8.8	7.3	84.3	1.1	(Z)	998.4	(Z)	8.8	(Z)	3.1	45
.3	(Z)	(Z)	(S)	29.7	92.8	(Z)	210.9	(Z)	8.5	46
407.6	422.7	1 639.5	94.9	2.8	23 424.7	(S)	199.7	(Z)	.4	47
53.2	20.3	64.1	8.7	(S)	1 207.7	(S)	(S)	(Z)	3.5	48
79.7	5.8	49.0	12.4	(S)	902.1	(Z)	.2	(Z)	3.7	49
189.6	8.1	60.6	7.6	.9	1 013.0	(Z)	1.1	(Z)	3.3	50
66.0	15.6	167.6	24.0	29.9	2 744.1	(Z)	57.2	(Z)	2.3	51
125.5	363.6	1 795.3	89.2	16.7	29 187.7	(S)	224.6	(Z)	.1	52
63.9	44.0	79.7	15.1	10.7	86.6	(Z)	15.7	(Z)	2.0	53
46.4	30.6	34.9	10.5	3.3	11.5	(S)	9.2	(Z)	1.5	54
560.4	34.1	70.9	32.8	3.1	5.7	.1	8.9	(Z)	.5	55
83.7	284.9	1 583.3	65.3	(S)	28 088.5	(S)	194.0	(Z)	.2	56
41.8	78.8	212.0	23.8	15.4	1 099.1	(S)	30.6	(Z)	2.4	57
31.8	21.5	47.5	4.2	2.2	73.8	(Z)	7.8	(Z)	3.4	58
15.1	8.9	14.9	6.0	3.2	7.2	(Z)	4.3	(Z)	3.2	59
16.9	13.7	17.3	4.9	5.2	5.6	(Z)	3.6	(Z)	3.1	60
46.4	30.6	34.9	10.5	3.3	11.5	(S)	9.2	(Z)	1.5	61
31.2	18.8	16.7	8.1	2.3	2.7	(Z)	2.9	(Z)	1.9	62
36.3	6.3	12.8	2.4	(S)	1.2	(S)	1.3	(Z)	2.2	63
62.5	3.8	18.4	3.0	(S)	.9	(Z)	2.0	(Z)	1.6	64
57.9	2.9	11.0	4.2	(S)	(S)	(Z)	.6	(Z)	2.0	65

Table 3. **Trucks by Major Use: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Major use						
			Agriculture	Forestry and lumbering	Mining and quarrying	Construction	Manufacturing	Wholesale trade	Retail trade
	AVERAGE WEIGHT (POUNDS)—Con.								
1	60,001 to 80,000	722.7	62.6	33.9	19.7	94.5	51.5	46.2	23.2
2	80,001 to 100,000	28.2	3.0	3.4	2.9	6.4	1.0	1.4	.6
3	100,001 to 130,000	7.8	.7	.3	.8	2.5	.2	.3	(S)
4	130,001 or more	4.4	.7	(S)	(Z)	1.6	(S)	.3	(Z)
5	Not reported	.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	TOTAL LENGTH (FEET)								
6	Less than 13.0	3 607.8	155.5	9.6	(S)	259.5	40.1	43.8	116.9
7	13.0 to 15.9	11 615.3	414.4	34.6	25.8	832.6	90.0	194.3	361.4
8	16.0 to 19.9	25 180.1	2 065.6	137.6	97.3	2 638.2	241.6	383.5	769.2
9	20.0 to 27.9	2 050.1	601.1	43.4	34.8	444.2	75.7	171.2	195.2
10	28.0 to 35.9	659.5	137.1	11.5	17.4	139.0	37.8	76.8	42.2
11	36.0 to 40.9	292.6	53.2	3.4	3.8	44.4	5.2	8.7	5.5
12	41.0 to 44.9	70.9	8.9	1.1	1.1	13.5	1.0	4.7	(S)
13	45.0 or more	1 095.6	101.2	41.1	21.4	107.1	89.9	86.5	44.2
14	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	YEAR MODEL								
15	1988	86.8	10.9	(Z)	(S)	7.9	(S)	(S)	9.1
16	1987	2 862.1	115.1	10.5	10.8	270.5	50.5	79.3	133.3
17	1986	4 729.2	217.9	25.9	19.3	544.0	61.2	122.3	195.8
18	1985	3 939.2	176.4	13.7	28.5	420.7	68.0	121.3	169.0
19	1984	3 398.7	171.0	20.6	18.0	319.7	54.7	109.7	123.5
20	1983	2 484.7	119.2	22.6	8.5	244.7	34.3	45.3	72.6
21	1982	2 102.9	158.3	7.7	14.5	227.7	20.5	70.2	94.8
22	1981	1 820.6	177.6	9.1	13.8	207.3	33.6	51.8	71.8
23	1980	1 800.0	128.2	12.1	19.0	207.9	28.7	44.0	68.0
24	1979	3 187.2	262.8	15.4	10.3	344.8	55.6	66.6	107.1
25	1978	2 898.9	243.1	15.6	8.4	280.7	27.2	64.5	100.5
26	Pre-1978	15 248.2	1 755.3	128.9	53.3	1 401.6	146.3	191.5	391.4
27	Not reported	(S)	(S)	(S)	(Z)	(S)	(S)	(S)	(Z)
	VEHICLE ACQUISITION								
28	Purchased new	21 087.4	1 617.8	117.4	118.7	2 301.4	339.5	614.1	853.0
29	Purchased used	22 324.7	1 870.1	158.8	81.4	2 039.6	194.7	293.8	612.7
30	Leased from someone else	749.6	20.2	4.5	3.1	98.6	44.4	47.5	54.6
31	Not reported	410.5	28.7	1.5	1.4	38.8	2.5	14.1	16.7
	LEASE CHARACTERISTICS[1 2]								
32	Leased without driver	974.8	35.5	7.5	4.4	118.4	59.1	68.2	74.4
33	Leased with driver	123.2	6.7	.8	1.8	24.9	(S)	2.7	8.2
34	Leased with owner-operator	264.4	7.0	1.1	3.8	43.9	2.0	(S)	12.0
35	Not reported	82.5	2.5	(S)	(S)	7.1	(S)	(S)	(S)
	Provisions of lease:								
36	Financing	489.3	13.3	.9	1.8	77.0	31.7	43.0	36.0
37	Full maintenance	190.3	8.2	2.4	1.3	18.0	22.9	22.8	18.9
38	Maintenance on specific parts	76.1	1.3	.1	(S)	13.9	.7	2.5	(S)
39	Payment of taxes	208.0	5.5	2.2	(S)	19.9	20.7	17.3	22.1
40	Obtaining licenses and permits	231.2	10.0	1.9	(S)	22.3	18.1	18.5	20.9
41	Record keeping for leased trucks	121.6	4.4	2.1	(S)	12.2	13.3	8.8	9.9
42	Other	66.2	(S)	.1	(S)	8.6	.7	3.4	(S)
	OPERATOR CLASSIFICATION								
43	Not for hire	43 597.9	3 533.2	282.1	204.6	4 471.0	581.1	969.2	1 526.6
44	Business use	13 703.5	3 393.2	269.0	202.1	4 307.3	574.9	950.6	1 466.4
45	Personal transportation	29 348.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
46	Mixed-business use/personal transportation	545.9	140.0	(S)	(S)	163.7	6.1	18.6	60.2
47	For hire	793.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
48	Motor carrier	534.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
49	Owner/operator	257.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
50	Independent	161.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
51	Leased to a company	95.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
52	Not reported	1.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
53	Daily rental	147.9	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)
54	Mixed-not for hire/for hire	2.9	.7	(Z)	(Z)	1.1	(S)	(S)	(Z)
	For-hire jurisdiction:								
55	Interstate	372.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
56	Intrastate	207.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
57	Local	211.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
58	Not reported	1.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
	Type of carrier (interstate only):								
59	Contract	78.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
60	Common	261.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
61	Exempt	18.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
62	Not reported	14.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

See footnotes at end of table.

Major use—Con.									Relative standard error of estimate (percent) for total	
For-hire transportation	Utilities	Services	Daily rental	One way rental	Personal transportation	Other	Not in use	Not reported		
360.2	2.1	11.2	14.8	.4	.5	(Z)	2.0	(Z)	.8	1
8.2	(S)	.9	.2	(Z)	(Z)	(Z)	(S)	(Z)	4.2	2
2.7	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	7.2	3
1.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	12.8	4
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(S)	(Z)	40.5	5
9.2	31.4	161.6	6.7	(Z)	2 760.5	(S)	9.8	(Z)	2.5	6
28.9	115.6	499.6	37.3	(S)	8 912.4	(S)	66.6	(Z)	1.2	7
94.4	217.0	1 088.0	45.3	2.8	17 277.7	(S)	121.9	(Z)	.6	8
90.1	68.6	121.5	21.3	26.0	114.2	(S)	42.8	(Z)	1.0	9
50.7	23.8	53.7	13.0	3.4	47.1	.1	5.9	(Z)	2.8	10
18.1	5.6	22.9	.5	(Z)	119.9	(Z)	(S)	(Z)	7.7	11
6.1	1.7	2.1	.4	(Z)	27.7	(Z)	(S)	(Z)	14.3	12
498.6	8.9	31.3	23.1	.7	31.9	(S)	9.6	(Z)	1.4	13
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(S)	(Z)	(S)	14
.9	(Z)	(S)	(S)	(Z)	51.1	(Z)	(Z)	(Z)	14.2	15
55.1	35.6	177.3	39.4	3.0	1 881.8	(Z)	(Z)	(Z)	2.7	16
69.1	55.5	253.3	16.8	2.6	3 143.8	(S)	(S)	(Z)	2.2	17
89.6	92.3	239.4	30.5	1.8	2 487.6	(Z)	(S)	(Z)	2.3	18
68.2	51.1	212.0	11.8	2.1	2 232.8	(Z)	(S)	(Z)	2.5	19
34.1	31.7	123.6	15.9	.3	1 727.6	(Z)	4.2	(Z)	3.1	20
34.5	27.8	118.4	2.6	(S)	1 322.3	(Z)	(S)	(Z)	3.5	21
47.2	45.2	82.7	2.6	1.1	1 060.3	(S)	(S)	(Z)	3.6	22
48.9	31.3	73.2	3.1	.8	1 132.4	(Z)	2.3	(Z)	3.4	23
74.5	21.5	139.3	6.7	1.7	2 071.8	(Z)	9.0	(Z)	2.6	24
53.5	19.4	101.8	3.7	1.8	1 964.6	(Z)	(S)	(Z)	2.7	25
219.7	60.9	457.6	12.9	18.3	10 205.4	(S)	204.8	(Z)	1.0	26
(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(S)	(Z)	(S)	27
403.1	359.0	1 062.8	114.9	33.6	13 104.3	(S)	46.5	(Z)	.8	28
305.9	48.6	831.3	23.3	(S)	15 664.2	(S)	199.9	(Z)	.7	29
75.4	63.5	71.5	7.1	(Z)	251.1	(Z)	(S)	(Z)	5.6	30
11.7	1.3	15.2	(S)	(Z)	272.0	(Z)	4.2	(Z)	7.1	31
76.0	64.3	86.9	146.0	32.4	193.6	(S)	(S)	(Z)	4.6	32
42.0	.6	4.9	(Z)	(S)	26.6	(Z)	(S)	(Z)	9.2	33
65.7	(S)	13.4	(Z)	(Z)	88.8	(Z)	.5	(Z)	8.1	34
4.2	(S)	(S)	(S)	(Z)	57.0	(Z)	(Z)	(Z)	17.6	35
27.4	56.8	54.8	1.5	(Z)	145.0	(Z)	(S)	(Z)	6.9	36
37.1	(S)	15.7	14.4	.5	23.0	(Z)	(S)	(Z)	7.1	37
4.8	(S)	11.6	1.0	(Z)	25.4	(Z)	(Z)	(Z)	17.8	38
43.2	5.7	23.8	6.0	.5	39.6	(Z)	(Z)	(Z)	9.1	39
77.9	(S)	14.2	10.5	.5	22.3	(Z)	(S)	(Z)	5.9	40
41.6	(S)	4.5	7.3	.4	8.9	(Z)	(S)	(Z)	6.7	41
13.7	(S)	3.9	1.3	.6	19.7	(Z)	(Z)	(Z)	18.1	42
(S)	472.4	1 971.0	(S)	33.8	29 291.6	(S)	254.9	(Z)	.1	43
(S)	465.3	1 856.1	(S)	33.8	7.2	(S)	173.2	(Z)	1.0	44
(Z)	(Z)	(Z)	(Z)	(Z)	29 277.1	(Z)	71.5	(Z)	.5	45
(S)	(S)	114.9	(Z)	(Z)	(S)	(Z)	(S)	(Z)	7.1	46
790.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.8	(Z)	1.9	47
533.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.7	(Z)	2.4	48
256.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.7	(Z)	3.5	49
161.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.5	(Z)	5.2	50
94.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.2	(Z)	3.5	51
1.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.4	(Z)	19.2	52
(S)	(Z)	(Z)	147.4	(Z)	(Z)	(Z)	(S)	(Z)	11.7	53
.6	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	19.1	54
371.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.1	(Z)	1.8	55
207.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.3	(Z)	4.9	56
211.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.5	(Z)	4.7	57
.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.8	(Z)	20.3	58
77.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.2	(Z)	3.3	59
260.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.9	(Z)	2.3	60
18.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	7.9	61
14.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	11.4	62

Table 3. **Trucks by Major Use: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Major use						
			Agriculture	Forestry and lumbering	Mining and quarrying	Construction	Manufacturing	Wholesale trade	Retail trade
	PRODUCTS CARRIED								
1	Farm products	1 557.8	1 365.5	(S)	(Z)	18.0	3.6	39.7	33.4
2	Live animals	554.1	513.8	(S)	(Z)	(Z)	(S)	7.4	3.3
3	Mining products	52.8	1.0	(Z)	30.9	3.5	1.2	1.2	1.7
4	Logs and other forest products	158.8	15.2	100.0	(Z)	17.7	(S)	1.3	1.7
5	Lumber and fabricated wood products	353.2	(S)	40.7	(S)	198.8	14.8	15.0	43.9
6	Processed foods	629.5	52.6	(Z)	(Z)	.6	44.6	266.7	189.8
7	Textile mill products	215.0	(S)	(Z)	(Z)	42.6	23.6	21.6	69.9
8	Building materials	1 140.6	47.9	5.9	11.8	888.4	19.0	18.2	36.6
9	Household goods	138.6	4.5	(Z)	(Z)	(S)	(Z)	(S)	4.3
10	Furniture or hardware	180.3	(S)	(S)	(Z)	22.2	21.8	12.7	91.4
11	Paper products	198.8	(S)	2.2	(Z)	(S)	45.9	34.9	44.8
12	Chemicals	375.6	85.9	(Z)	5.7	135.7	13.2	30.1	26.2
13	Petroleum	242.9	28.1	4.1	6.2	58.1	8.2	51.0	56.8
14	Plastics and/or rubber	95.1	.5	(Z)	(S)	13.1	19.9	27.8	17.5
15	Primary metal products	169.1	(S)	(S)	3.4	86.5	22.0	12.0	3.7
16	Fabricated metal products	292.4	3.6	(S)	.8	126.0	65.3	37.7	28.3
17	Machinery	406.6	32.0	2.4	16.4	149.6	21.2	20.1	48.5
18	Transportation equipment	420.0	16.3	.6	.3	28.8	12.2	70.1	146.7
19	Glass products	55.3	(Z)	(Z)	(S)	33.6	5.6	7.1	6.8
20	Miscellaneous products of manufacturing	299.1	(S)	(Z)	(Z)	23.0	34.0	45.7	101.4
21	Industrial water	30.6	8.9	.4	5.6	10.0	.9	(S)	(S)
22	Scrap, refuse, or garbage	242.1	26.5	(S)	(S)	57.8	17.0	5.9	12.6
23	Hazardous waste	6.5	(Z)	(Z)	.3	1.1	.3	(S)	(S)
24	Mixed cargoes	685.6	66.9	6.2	2.0	36.9	28.5	51.1	72.7
25	Craftsman's equipment	2 476.3	154.5	48.1	41.5	1 447.3	35.1	31.5	104.8
26	Personal transportation	29 289.6	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)
27	No load carried	3 792.1	1 066.8	63.9	73.2	1 055.3	107.6	153.2	380.4
28	Not in use	257.5	(S)	(Z)	(S)	(S)	(Z)	(Z)	(Z)
29	Other	256.1	19.5	(S)	5.1	9.0	4.8	4.9	9.6
30	Not reported	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	HAZARDOUS MATERIALS CARRIED								
31	Hazardous materials carried	340.1	21.5	2.7	11.3	32.5	21.7	46.6	47.6
32	Less than 10 percent of time	114.2	4.2	(S)	.8	4.1	7.4	6.3	1.3
33	10 to 25 percent of time	27.5	1.2	(Z)	.5	.7	.8	(S)	.9
34	26 to 49 percent of the time	17.9	1.1	(Z)	2.0	(S)	1.9	2.6	1.6
35	50 to 74 percent of the time	24.7	2.0	(S)	.7	.9	3.4	6.9	3.7
36	75 to 100 percent of the time	94.4	6.5	(S)	3.4	6.9	6.1	20.3	30.4
37	No percent reported	61.4	6.6	(S)	(S)	17.4	2.2	1.9	9.6
	Types of hazardous materials[2]:								
38	Flammable liquids	197.6	8.9	(S)	3.6	8.1	14.1	32.9	20.8
39	Combustible liquids	95.2	1.8	(S)	1.5	1.7	7.3	12.8	5.1
40	Corrosive liquids	70.0	1.1	(S)	1.0	(S)	5.0	3.9	.7
41	Poison B solids	30.8	.7	(Z)	(Z)	(S)	.6	.9	(Z)
42	Poison B liquids	29.2	(S)	(Z)	(Z)	(S)	.5	.8	(Z)
43	Flammable solids	28.7	(S)	(Z)	(Z)	(S)	.4	.8	(Z)
44	Oxidizers	28.0	(S)	(Z)	(S)	.1	.4	1.0	(Z)
45	Flammable gas	26.2	(S)	(Z)	(Z)	(S)	(S)	.8	(S)
46	Nonflammable gas	26.1	(S)	(Z)	(Z)	(S)	(S)	.8	(Z)
47	Poison A	20.7	(S)	(Z)	(Z)	(S)	(Z)	.5	(Z)
48	Corrosive solids	21.4	(S)	(Z)	(Z)	(S)	(Z)	.5	(Z)
49	Explosives, A or B	4.6	(S)	(Z)	(S)	(Z)	(S)	(S)	(Z)
50	Blasting agents	1.4	(S)	(Z)	(S)	(Z)	.1	(Z)	(Z)
51	Radioactive materials	1.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
52	ORM-A, B, or C	2.0	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
53	ORM E	3.4	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)
54	Hazardous materials not listed	(S)	(S)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)
55	Not reported	139.0	12.4	.2	7.5	22.8	7.1	13.6	26.7
56	No hazardous materials carried	43 281.5	3 275.9	261.9	188.4	4 221.4	532.3	872.8	1 395.0
57	Not reported	950.6	239.5	17.7	4.9	224.6	27.2	50.1	94.5
	TRUCK FLEET SIZE[3]								
58	1	29 026.2	1 381.7	96.6	56.1	1 729.2	192.5	289.8	734.9
59	2 to 5	11 094.4	1 608.2	99.9	44.0	1 498.1	162.7	307.6	514.8
60	6 to 19	2 397.2	444.4	51.3	56.0	800.6	105.1	197.2	187.0
61	20 or more	2 054.4	102.6	34.4	48.4	450.7	120.9	174.8	100.4
	MILES PER GALLON								
62	Less than 5	640.8	98.7	24.2	20.2	115.8	37.3	55.6	31.7
63	5 to 6.9	1 823.1	403.5	47.9	37.5	330.0	102.7	147.8	124.0
64	7 to 8.9	2 470.5	462.5	27.9	26.8	435.7	65.8	125.1	152.2
65	9 to 11.9	8 593.1	963.0	55.3	42.0	1 044.0	132.1	178.9	358.2
66	12 to 14.9	10 747.9	730.4	67.1	27.6	1 097.3	117.2	167.2	322.7
67	15 to 19.9	11 096.5	611.4	45.7	33.6	877.1	76.0	174.3	312.8
68	20 or more	9 032.2	265.6	14.1	17.0	578.4	50.1	120.5	235.5
69	Not reported	168.1	(S)	(Z)	(Z)	(S)	(Z)	(S)	(Z)

See footnotes at end of table.

Major use—Con.									Relative standard error of estimate (percent) for total	
For-hire transportation	Utilities	Services	Daily rental	One way rental	Personal transportation	Other	Not in use	Not reported		
43.0	(S)	53.0	.5	(Z)	(Z)	(Z)	(S)	(Z)	2.8	1
11.8	(Z)	8.9	(S)	(Z)	(Z)	(Z)	(S)	(Z)	5.6	2
12.6	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	9.2	3
12.0	2.6	5.5	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	5.5	4
15.7	1.4	7.6	.3	(Z)	(Z)	(S)	(Z)	(Z)	7.1	5
53.3	(Z)	19.4	2.3	(Z)	(Z)	(Z)	(Z)	(Z)	3.9	6
10.6	(Z)	43.9	.3	(Z)	(Z)	(Z)	(Z)	(Z)	9.9	7
69.6	8.4	28.9	5.7	(S)	(Z)	(Z)	(S)	(Z)	3.3	8
49.8	(S)	17.5	25.8	31.3	(Z)	(Z)	(Z)	(Z)	6.0	9
10.8	(S)	19.5	1.3	(S)	(Z)	(Z)	(Z)	(Z)	8.7	10
26.1	(Z)	32.5	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	8.8	11
16.2	(S)	60.7	.4	(Z)	(Z)	(Z)	(Z)	(Z)	7.3	12
19.2	4.3	6.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	4.5	13
8.0	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	15.9	14
31.1	3.9	5.4	.3	(Z)	(Z)	(Z)	(Z)	(Z)	9.5	15
12.8	3.7	13.6	.4	(Z)	(Z)	(Z)	(Z)	(Z)	8.1	16
14.3	41.6	59.8	.6	(Z)	(Z)	(Z)	(S)	(Z)	5.5	17
36.9	4.1	102.2	(S)	(S)	(Z)	(S)	(Z)	(Z)	6.0	18
1.8	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	22.7	19
11.0	(S)	76.5	1.2	(Z)	(Z)	(Z)	(S)	(Z)	9.3	20
2.2	(S)	1.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	7.1	21
5.6	4.9	108.2	(S)	(Z)	(Z)	(Z)	(S)	(Z)	4.9	22
2.6	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	21.6	23
257.9	(S)	100.3	59.1	1.1	(Z)	(Z)	(Z)	(Z)	4.6	24
(S)	276.7	319.1	2.1	(Z)	(Z)	(Z)	(S)	(Z)	3.0	25
(Z)	(Z)	(S)	(Z)	(Z)	29 289.2	(Z)	(Z)	(Z)	.5	26
16.8	101.7	738.2	26.7	(S)	(S)	(S)	4.6	(Z)	2.4	27
(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	250.3	(Z)	9.7	28
29.1	(S)	141.0	(S)	(Z)	(S)	(Z)	(Z)	(Z)	9.7	29
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	30
137.2	8.4	8.9	1.1	(Z)	(Z)	(Z)	(S)	(Z)	3.7	31
85.9	(S)	1.8	.5	(Z)	(Z)	(Z)	(Z)	(Z)	3.6	32
14.4	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	27.5	33
5.7	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	12.0	34
4.6	.8	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	8.4	35
12.2	5.7	2.1	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	4.3	36
14.3	(S)	(S)	(S)	(Z)	(Z)	(Z)	(S)	(Z)	13.0	37
99.4	3.6	3.1	.4	(Z)	(Z)	(Z)	(Z)	(Z)	4.8	38
62.7	(S)	1.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.1	39
56.0	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.0	40
27.9	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.0	41
26.7	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.2	42
26.2	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.2	43
25.9	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.1	44
24.5	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.3	45
24.5	.1	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.4	46
19.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.0	47
20.4	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.9	48
4.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	14.4	49
.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	24.3	50
1.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	26.7	51
1.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	23.4	52
1.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	47.3	53
(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	54
37.0	4.8	(S)	.7	(Z)	(Z)	(Z)	(S)	(Z)	6.1	55
621.5	441.5	1 838.5	129.7	7.4	29 291.6	(S)	202.3	(Z)	.1	56
37.4	22.5	133.4	16.7	26.4	(Z)	(Z)	55.8	(Z)	3.8	57
166.5	80.0	986.6	28.5	5.7	23 120.4	(S)	156.9	(Z)	.5	58
121.9	49.5	642.1	(S)	(S)	5 967.9	(Z)	61.9	(Z)	1.3	59
136.3	69.9	168.5	19.6	(S)	134.2	(S)	26.6	(Z)	2.5	60
371.4	273.0	183.7	83.8	27.9	69.1	(S)	(S)	(Z)	2.5	61
184.0	31.4	33.5	4.4	(S)	2.0	(Z)	1.8	(Z)	1.3	62
394.5	51.2	85.5	29.6	6.1	50.2	(Z)	12.4	(Z)	1.2	63
74.8	47.5	150.2	21.5	1.9	864.8	(S)	13.7	(Z)	2.5	64
72.4	109.0	396.0	32.9	17.8	5 149.8	(S)	41.3	(Z)	1.5	65
29.1	83.3	478.0	12.1	4.3	7 585.5	(Z)	26.3	(Z)	1.3	66
23.8	109.2	461.4	24.8	2.5	8 322.2	(Z)	21.8	(Z)	1.3	67
17.4	40.8	376.0	22.3	(S)	7 279.9	(S)	(S)	(Z)	1.5	68
(Z)	(Z)	(S)	(Z)	(Z)	37.3	(Z)	128.5	(Z)	12.4	69

Table 3. **Trucks by Major Use: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Major use						
			Agriculture	Forestry and lumbering	Mining and quarrying	Construction	Manufacturing	Wholesale trade	Retail trade
	EQUIPMENT TYPE[4]								
1	Braking system	4 886.2	1 000.3	113.6	93.3	997.1	240.9	436.8	392.7
2	Hydraulic	1 332.0	398.1	24.1	19.4	271.6	52.8	109.2	116.0
3	Hydraulic (power)	1 389.3	340.7	27.0	21.4	306.4	55.5	137.8	150.5
4	Air	1 695.2	189.9	56.2	45.3	334.5	119.2	154.5	86.7
5	Not reported	469.8	71.5	6.2	7.2	84.6	13.4	35.2	39.5
6	Power steering[2]	20 530.8	1 156.4	77.1	75.4	1 805.0	221.8	339.5	689.4
7	Air conditioning[2]	13 571.5	711.5	31.6	52.0	1 019.0	146.7	234.8	465.9
8	Engine retarder[2]	8.9	.3	.3	.4	.6	.9	.7	.1
9	Reflective materials[2]	97.5	2.1	.8	.3	2.1	5.4	6.0	2.1
10	Electronic vehicle management system[2]	4.1	(S)	(Z)	(Z)	.3	.4	.2	(S)
11	Electronic vehicle identification device (transponder, etc.)[2]	1.5	(Z)	(Z)	(Z)	(S)	(S)	(S)	(Z)
12	Trip recorders[2]	3.0	(S)	(Z)	(Z)	(S)	(S)	.4	(Z)
13	Navigational systems[2]	.7	(Z)	(Z)	(Z)	(S)	(Z)	.1	(Z)
	FUEL CONSERVATION EQUIPMENT[2 4]								
14	Aerodynamic features	340.7	11.6	3.1	1.1	14.6	26.7	32.0	20.4
15	Axle or drive ratio	226.7	6.7	2.0	.8	7.1	17.4	17.1	11.2
16	Fuel economy engine	191.6	5.2	1.8	1.1	5.1	14.5	14.5	6.8
17	Radial tires	26 069.1	1 315.1	86.7	85.3	2 264.0	236.7	402.2	807.8
18	Road speed governor	43.1	2.4	.7	.6	2.6	4.0	3.5	1.6
19	Variable fan drives	39.4	1.7	.6	.7	1.6	3.8	3.1	1.5
20	Other fuel conservation devices	20.7	.6	.2	(Z)	.6	2.0	2.0	.4
	MAINTENANCE[2]								
	General maintenance:								
21	Owner	26 385.0	2 313.8	165.6	82.1	2 144.6	139.3	236.4	534.0
22	Company's maintenance facilities	3 684.1	331.3	74.0	84.4	909.9	198.1	313.3	323.5
23	Dealership's service department	6 294.0	392.2	25.2	24.2	553.9	88.3	162.8	276.4
24	Leasing company	179.9	9.8	.7	.4	26.0	17.0	16.9	12.3
25	Independent garage	12 138.2	825.2	59.1	44.8	1 436.5	205.4	379.0	568.6
26	Component distributorship	396.4	20.8	4.9	2.4	47.7	4.9	17.4	7.8
27	No one	540.7	30.2	(S)	(S)	40.7	(S)	(S)	(S)
28	Other	166.5	9.8	.2	(S)	(S)	.7	1.5	1.1
29	Not reported	1 922.1	148.6	7.2	3.3	133.3	9.6	22.1	52.6
	Major overhauls:								
30	Owner	6 591.6	558.8	64.8	22.6	527.1	36.0	54.0	128.5
31	Company's maintenance facilities	2 034.6	134.1	42.7	42.2	477.9	81.3	167.7	157.2
32	Dealership's service department	4 702.1	333.7	22.8	29.2	537.0	112.8	156.8	213.4
33	Leasing company	170.5	16.4	.4	(S)	14.7	11.8	16.6	8.1
34	Independent garage	8 489.8	753.8	53.7	32.2	1 153.6	152.9	244.2	347.8
35	Component distributorship	868.3	63.5	5.5	5.3	125.0	20.1	21.4	23.8
36	No one	2 623.4	201.7	7.4	18.5	177.7	13.6	26.8	58.0
37	Other	209.1	13.9	(S)	(S)	7.1	1.2	(S)	1.2
38	Not reported	20 373.2	1 594.3	96.2	62.7	1 693.9	179.1	332.6	648.8
	ENGINE TYPE AND SIZE								
39	Engine	44 572.2	3 536.9	282.2	204.6	4 478.5	581.2	969.5	1 537.1
40	Gasoline	41 768.3	3 201.0	220.0	147.6	4 025.2	433.6	722.0	1 381.4
41	Diesel	2 733.0	326.4	62.2	56.9	451.1	147.2	243.3	148.0
42	LPG or other	45.3	4.2	(Z)	(S)	(S)	(S)	(S)	7.3
43	Not reported	25.6	5.3	(Z)	(S)	.9	(S)	(S)	(S)
44	Cylinders[5]	44 572.2	3 536.9	282.2	204.6	4 478.5	581.2	969.5	1 537.1
45	4	7 744.0	170.4	16.8	6.9	520.5	40.1	118.6	195.8
46	6	10 527.3	530.9	74.4	50.7	1 105.4	163.2	253.3	360.1
47	8	22 521.5	2 243.6	134.2	115.0	2 425.9	305.9	483.0	852.0
48	Other	17.8	.3	(S)	(Z)	1.1	(S)	1.0	(S)
49	Not reported	3 761.6	591.8	56.8	32.0	425.5	71.5	113.6	127.6
50	Cubic inch displacement	44 546.6	3 531.7	282.2	204.5	4 477.6	581.1	969.3	1 536.6
51	Gasoline engines	41 768.3	3 201.0	220.0	147.6	4 025.2	433.6	722.0	1 381.4
52	Less than 200	10 542.7	233.2	23.0	13.7	725.2	50.3	148.5	274.7
53	200 to 299	4 975.5	328.5	23.4	10.5	443.6	40.1	76.0	157.4
54	300 to 349	10 342.5	769.8	55.2	44.8	1 139.1	118.3	169.5	355.1
55	350 to 399	11 765.4	1 219.2	89.7	56.7	1 305.9	181.3	257.9	447.6
56	400 or more	2 379.5	387.7	13.5	15.8	262.3	21.7	48.6	85.3
57	Not reported[6]	1 762.8	262.7	15.2	6.1	149.1	21.8	21.5	61.4
58	Diesel engines	2 733.0	326.4	62.2	56.9	451.1	147.2	243.3	148.0
59	Less than 400	789.6	109.3	7.8	5.8	127.8	27.8	60.4	37.9
60	400 to 599	633.0	108.9	12.0	16.6	107.6	29.6	73.5	52.4
61	600 to 799	365.2	25.7	12.9	12.8	97.7	26.8	33.4	19.7
62	800 or more	560.6	40.7	20.6	13.5	57.8	44.3	44.3	18.1
63	Not reported[6]	384.8	41.8	8.8	8.2	60.3	18.7	31.8	19.8
64	Other engines	45.3	4.2	(Z)	(S)	(S)	(S)	(S)	7.3
65	Less than 400	30.5	(S)	(Z)	(S)	(S)	(Z)	(S)	5.9
66	400 or more	4.0	(S)	(Z)	(Z)	(S)	(S)	(S)	1.0
67	Not reported[6]	(S)	(S)	(Z)	(Z)	(S)	(S)	(S)	(S)

See footnotes at end of table.

Major use—Con.									Relative standard error of estimate (percent) for total	
For-hire transportation	Utilities	Services	Daily rental	One way rental	Personal transportation	Other	Not in use	Not reported		
702.9	166.1	302.2	70.5	32.5	250.4	.3	86.7	(Z)	.5	1
50.2	40.5	93.6	17.9	23.1	87.3	(S)	28.2	(Z)	1.0	2
70.9	77.5	99.3	18.5	7.8	63.9	(Z)	11.8	(Z)	1.0	3
544.3	37.9	76.3	28.3	.8	5.3	(S)	15.9	(Z)	.5	4
37.5	10.2	32.9	5.9	.9	94.0	(Z)	30.8	(Z)	4.6	5
71.8	165.4	964.9	48.0	(Z)	14 886.2	(Z)	29.9	(Z)	.8	6
43.8	59.6	694.7	46.3	(Z)	10 047.6	(Z)	18.0	(Z)	1.1	7
5.1	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	8.2	8
41.3	(S)	2.6	9.3	24.1	1.0	(Z)	(Z)	(Z)	3.7	9
2.6	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	12.8	10
1.0	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	21.8	11
1.8	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	17.1	12
(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	39.8	13
161.2	.9	9.1	20.8	30.5	7.8	(Z)	.8	(Z)	1.8	14
114.6	.5	5.3	15.8	24.3	3.7	(Z)	.2	(Z)	2.2	15
97.5	.1	4.0	15.2	24.3	1.4	(Z)	.2	(Z)	2.3	16
112.4	222.2	1 155.9	51.5	(S)	19 279.3	(S)	48.4	(Z)	.6	17
23.6	.2	2.2	1.2	(Z)	(S)	(Z)	.1	(Z)	4.2	18
23.0	.1	1.8	1.1	(Z)	(S)	(Z)	.1	(Z)	4.3	19
12.9	(Z)	(S)	.7	(Z)	(S)	(Z)	(Z)	(Z)	6.0	20
256.9	65.2	719.3	24.8	(S)	19 597.0	(S)	105.3	(Z)	.6	21
414.5	268.4	348.2	106.9	33.4	244.6	.2	33.6	(Z)	1.9	22
60.6	63.7	345.6	23.9	1.2	4 272.3	(S)	2.8	(Z)	1.8	23
17.3	(S)	20.5	4.0	(Z)	52.0	(Z)	(S)	(Z)	9.1	24
154.8	143.0	752.4	7.2	(Z)	7 533.5	(S)	27.9	(Z)	1.2	25
18.1	5.7	35.1	.5	(S)	230.6	(Z)	.5	(Z)	8.1	26
.6	(Z)	19.7	(Z)	(Z)	406.5	(Z)	22.9	(Z)	6.8	27
6.9	(S)	9.4	(S)	(Z)	131.0	(Z)	(S)	(Z)	12.4	28
27.7	6.3	58.2	5.1	(S)	1 371.3	(Z)	76.6	(Z)	3.3	29
92.8	14.7	180.2	10.3	(Z)	4 840.3	(Z)	61.3	(Z)	1.8	30
292.3	192.3	183.9	47.8	33.1	151.8	(S)	30.2	(Z)	2.6	31
105.9	76.4	312.1	30.5	1.2	2 766.1	(Z)	4.3	(Z)	2.1	32
11.6	1.3	7.9	4.6	(Z)	75.7	(Z)	(S)	(Z)	10.0	33
167.3	86.2	428.5	16.1	(Z)	5 035.3	(S)	17.9	(Z)	1.5	34
57.0	17.6	42.2	6.5	(S)	479.7	(Z)	.7	(Z)	5.0	35
14.1	11.1	99.8	(S)	(Z)	1 961.8	(Z)	22.4	(Z)	3.0	36
6.0	(S)	8.3	(S)	(Z)	166.9	(Z)	(Z)	(Z)	12.1	37
140.6	108.2	795.7	36.0	.7	14 559.3	(S)	124.3	(Z)	.8	38
796.1	472.4	1 980.8	147.6	33.8	29 291.6	(S)	258.5	(Z)	.1	39
202.4	428.0	1 836.3	105.5	32.8	28 794.0	(S)	237.2	(Z)	.2	40
593.1	42.2	138.9	42.0	1.0	463.5	.2	17.2	(Z)	1.8	41
(S)	2.3	5.5	(Z)	(Z)	19.9	(Z)	(S)	(Z)	20.8	42
(S)	(Z)	(Z)	(Z)	(Z)	14.3	(Z)	4.1	(Z)	14.4	43
796.1	472.4	1 980.8	147.6	33.8	29 291.6	(S)	258.5	(Z)	.1	44
9.2	57.4	301.3	(S)	(S)	6 259.0	(S)	32.9	(Z)	1.7	45
408.9	183.6	524.3	50.4	2.7	6 786.3	(S)	32.9	(Z)	1.2	46
148.6	205.4	1 022.0	71.7	17.0	14 390.2	(S)	106.5	(Z)	.7	47
.8	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	44.5	48
228.6	26.0	133.2	12.2	13.1	1 843.6	(Z)	86.2	(Z)	2.1	49
795.9	472.4	1 980.7	147.6	33.8	29 277.3	(S)	254.5	(Z)	.1	50
202.4	428.0	1 836.3	105.5	32.8	28 794.0	(S)	237.2	(Z)	.2	51
17.9	112.6	419.6	17.6	(S)	8 459.2	(S)	45.5	(Z)	1.4	52
25.8	78.9	213.7	8.8	(S)	3 532.4	(Z)	36.2	(Z)	2.0	53
61.0	79.4	453.5	35.7	9.6	7 019.9	(Z)	31.5	(Z)	1.3	54
59.8	110.8	573.5	27.6	14.8	7 367.6	(S)	52.7	(Z)	1.2	55
23.7	35.2	110.2	(S)	1.6	1 343.0	(Z)	16.3	(Z)	3.1	56
14.2	(S)	65.9	1.2	5.6	1 071.9	(Z)	55.0	(Z)	3.3	57
593.1	42.2	138.9	42.0	1.0	463.5	.2	17.2	(Z)	1.8	58
51.1	5.7	53.3	6.1	(S)	293.1	(Z)	3.5	(Z)	4.6	59
81.7	22.3	31.6	9.2	(Z)	85.9	(S)	1.8	(Z)	4.3	60
93.3	7.7	25.5	7.5	(S)	.3	(S)	1.7	(Z)	1.5	61
285.6	2.7	13.8	15.6	.5	.2	(Z)	2.9	(Z)	.9	62
81.4	3.8	14.8	3.7	(S)	84.0	(Z)	7.3	(Z)	5.1	63
(S)	2.3	5.5	(Z)	(Z)	19.9	(Z)	(S)	(Z)	20.8	64
(S)	2.0	3.7	(Z)	(Z)	12.0	(Z)	(Z)	(Z)	18.2	65
(S)	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	28.1	66
(Z)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(S)	67

Table 3. **Trucks by Major Use: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Major use: Agriculture	Forestry and lumbering	Mining and quarrying	Construction	Manufacturing	Wholesale trade	Retail trade
	ENGINE TYPE AND SIZE—Con.								
1	Horsepower	44 546.6	3 531.7	282.2	204.5	4 477.6	581.1	969.3	1 536.6
2	Gasoline engines	41 768.3	3 201.0	220.0	147.6	4 025.2	433.6	722.0	1 381.4
3	Less than 100	5 073.2	158.4	(S)	(S)	362.2	17.3	84.0	113.1
4	100 to 199	30 201.3	2 274.5	155.4	113.5	2 976.5	325.7	483.4	1 050.2
5	200 to 249	2 734.6	379.3	28.9	18.0	344.7	39.8	92.3	110.5
6	250 or more	469.3	74.9	5.4	5.1	58.4	5.6	15.4	16.6
7	Not reported[6]	3 289.8	313.9	16.2	8.8	283.4	45.2	46.9	91.1
8	Diesel engines	2 733.0	326.4	62.2	56.9	451.1	147.2	243.3	148.0
9	Less than 250	1 356.4	193.6	17.6	23.3	264.3	49.0	135.2	88.7
10	250 to 349	534.4	44.5	19.7	17.5	87.9	43.6	43.4	22.8
11	350 to 449	373.7	32.5	17.8	9.1	36.1	27.7	23.8	8.9
12	450 or more	11.2	1.0	.5	.2	1.4	.6	.9	.3
13	Not reported[6]	457.3	54.8	6.5	6.7	61.5	26.4	40.1	27.2
14	Other engines	45.3	4.2	(Z)	(S)	(S)	(S)	(S)	7.3
15	Less than 250	32.1	3.8	(Z)	(Z)	(S)	(Z)	(S)	5.3
16	250 or more	(S)	(S)	(Z)	(S)	(Z)	(S)	(Z)	(S)
17	Not reported[6]	(S)	(S)	(Z)	(Z)	(S)	(S)	(S)	(S)
	TRUCK TYPE AND AXLE ARRANGEMENT								
18	Single-unit trucks	42 916.5	3 334.2	231.8	176.6	4 265.3	483.1	867.7	1 480.5
19	2 axles	42 465.4	3 227.1	217.1	155.4	4 102.7	464.2	848.9	1 465.0
20	3 axles	398.0	102.4	12.6	18.5	137.4	16.9	18.0	13.7
21	4 axles or more	53.1	4.6	2.1	2.7	25.2	2.1	.8	1.9
22	Combinations	1 655.7	202.8	50.4	28.0	213.2	98.1	101.8	56.6
23	Single-unit truck with trailer	59.6	10.2	3.5	1.5	17.2	2.9	3.3	3.5
24	4 axles	29.0	4.5	.8	(S)	8.0	1.7	1.5	1.9
25	5 axles or more	30.5	5.7	2.8	1.2	9.3	1.2	1.8	1.6
26	Single-unit truck with utility trailer	537.5	102.2	8.8	5.6	94.5	4.4	3.8	12.8
27	3 axles	232.2	41.0	4.6	.4	25.8	2.1	2.0	6.1
28	4 axles	257.5	56.3	1.3	4.4	45.4	1.4	(S)	6.0
29	5 axles or more	47.8	4.9	2.8	.9	23.4	.9	.5	.8
30	Truck-tractor with single trailer	1 023.4	87.7	37.8	20.5	100.1	89.4	93.9	39.8
31	3 axles	86.5	5.8	1.4	.4	4.6	7.8	18.6	4.9
32	4 axles	230.8	23.4	8.2	3.9	25.0	25.7	22.1	10.3
33	5 axles or more	706.1	58.6	28.3	16.2	70.4	55.9	53.2	24.6
34	Truck-tractor with double trailers	34.3	2.2	(S)	(S)	1.4	1.4	.7	.5
35	5 axles	26.7	1.5	(S)	(S)	.7	.8	.5	.5
36	6 axles	5.0	.4	(Z)	(Z)	(S)	.6	.1	(Z)
37	7 axles or more	2.7	.3	(Z)	(Z)	.6	(S)	.2	(Z)
38	Truck-tractor with triple trailers	.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
39	7 axles	.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
40	8 axles or more	.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
41	Trailer not specified	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
42	Powered axles	44 572.2	3 536.9	282.2	204.6	4 478.5	581.2	969.5	1 537.1
43	1	34 550.3	2 661.7	176.4	121.9	3 706.3	436.2	834.9	1 306.1
44	2	9 985.1	872.0	104.8	81.2	760.6	142.6	131.4	229.4
45	3 or more	36.7	3.2	.9	1.5	11.6	2.4	(S)	1.6
46	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	CAB TYPE[7]								
47	Cab forward of engine	84.6	21.5	1.9	1.3	16.8	5.6	7.9	6.8
48	Cab over engine	809.5	101.5	12.9	5.7	81.8	60.2	100.7	67.2
49	Conventional cab	3 455.0	804.0	92.1	77.5	804.7	157.1	279.5	265.8
50	Cab beside engine	40.0	4.5	(S)	.6	10.3	3.1	7.2	5.5
51	Other	109.2	13.0	1.9	1.0	16.7	6.2	12.0	16.3
52	Not reported	388.1	55.9	4.5	7.1	66.9	8.7	29.6	31.1
	PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS								
53	Total	39 686.0	2 536.7	168.6	111.4	3 481.3	340.3	532.7	1 144.4
54	Pickups	27 662.6	2 353.1	155.7	90.3	2 493.8	196.1	241.5	623.8
55	Mini-vans	1 713.8	(S)	(Z)	(Z)	68.0	19.7	51.2	90.1
56	Panels or vans	5 173.7	58.7	(S)	8.7	708.9	87.5	194.7	296.6
57	Utilities	3 772.1	89.5	5.2	8.7	167.2	31.7	32.2	97.4
58	Station wagons	1 363.7	33.1	(S)	(S)	43.4	(S)	12.9	36.4
59	Driving wheels	39 686.0	2 536.7	168.6	111.4	3 481.3	340.3	532.7	1 144.4
60	4-wheel drive	8 778.1	722.5	55.4	40.1	504.0	66.6	58.0	187.1
61	2-wheel drive	30 907.9	1 814.1	113.3	71.3	2 977.4	273.7	474.7	957.2
62	Front-wheel drive	1 215.3	63.7	(S)	(S)	54.3	19.4	28.3	48.6
63	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Note: Some data cells may have high relative standard errors of estimate (RSE's). See appendix B for approximating the RSE's for the data cells. Some unpublished estimates can be derived from this table by subtracting published data from their respective totals. However, the figures obtained by such subtraction are subject to high sampling variability or poor response quality. These unpublished data are for internal use only. The U.S. data may vary from the sum of the State reports because of rounding.

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.
[2]Detail does not add to total because items were not applicable or multiple responses were possible.
[3]When no response was obtained, a fleet size of one truck was assumed.
[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.
[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.
[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.
[7]Pickups, panels, vans, and mini-vans are not included.

Major use—Con.									Relative standard error of estimate (percent) for total	
For-hire transportation	Utilities	Services	Daily rental	One way rental	Personal transportation	Other	Not in use	Not reported		
795.9	472.4	1 980.7	147.6	33.8	29 277.3	(S)	254.5	(Z)	.1	1
202.4	428.0	1 836.3	105.5	32.8	28 794.0	(S)	237.2	(Z)	.2	2
5.0	61.6	169.0	3.7	(Z)	4 049.7	(S)	32.1	(Z)	2.1	3
143.0	299.3	1 388.4	74.2	16.9	20 795.7	(S)	104.2	(Z)	.5	4
28.4	45.1	138.7	20.4	9.9	1 459.4	(Z)	19.3	(Z)	2.9	5
7.2	4.7	21.3	(S)	(Z)	249.4	(Z)	4.7	(Z)	5.4	6
18.7	17.3	118.9	(S)	6.0	2 239.8	(Z)	76.9	(Z)	2.6	7
593.1	42.2	138.9	42.0	1.0	463.5	.2	17.2	(Z)	1.8	8
114.8	32.8	89.7	18.5	(S)	323.8	.1	4.9	(Z)	3.0	9
218.0	4.2	18.3	9.1	.5	1.4	(S)	3.6	(Z)	1.1	10
196.6	1.8	7.6	9.9	.2	.3	(Z)	1.5	(Z)	1.2	11
5.5	(Z)	.3	.3	(Z)	(Z)	(Z)	(S)	(Z)	7.0	12
58.1	3.4	22.9	4.2	(S)	138.1	(Z)	7.1	(Z)	5.9	13
(S)	2.3	5.5	(Z)	(Z)	19.9	(Z)	(S)	(Z)	20.8	14
(S)	2.3	3.7	(Z)	(Z)	12.0	(Z)	(Z)	(Z)	17.1	15
(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	16
(Z)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(S)	17
264.2	438.5	1 910.7	123.7	33.2	29 059.9	(S)	245.9	(Z)	.1	18
226.2	429.2	1 875.6	120.9	33.1	29 058.5	(S)	240.4	(Z)	.1	19
27.5	9.1	33.2	2.4	(S)	.7	(Z)	5.4	(Z)	1.7	20
10.5	(S)	1.9	(S)	(Z)	(S)	(Z)	(S)	(Z)	4.1	21
531.9	34.0	70.0	23.9	.7	231.7	(S)	12.6	(Z)	2.0	22
7.9	3.8	3.1	(S)	(Z)	(S)	(Z)	.8	(Z)	5.7	23
3.0	3.2	2.6	(S)	(Z)	(S)	(Z)	(S)	(Z)	9.4	24
4.9	.6	.5	(S)	(Z)	(S)	(Z)	(S)	(Z)	6.6	25
6.1	25.4	41.5	(S)	(Z)	229.2	(Z)	2.8	(Z)	6.2	26
.5	13.4	20.7	(Z)	(Z)	114.2	(Z)	(S)	(Z)	10.7	27
1.4	9.8	17.3	(S)	(Z)	111.7	(Z)	(S)	(Z)	8.5	28
4.1	2.3	(S)	(Z)	(Z)	(S)	(Z)	.4	(Z)	8.0	29
490.6	4.8	25.4	22.4	.6	1.6	(S)	8.8	(Z)	.6	30
34.1	(S)	5.3	.8	(Z)	.8	(Z)	1.4	(Z)	3.3	31
93.9	1.2	7.8	6.0	.3	(S)	(Z)	2.9	(Z)	1.7	32
362.6	3.0	12.3	15.7	.4	.4	(S)	4.6	(Z)	.8	33
27.0	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(S)	(Z)	5.2	34
21.8	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(S)	(Z)	6.0	35
3.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	15.0	36
1.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	11.0	37
.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	21.7	38
.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	25.3	39
(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	41.5	40
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(S)	41
796.1	472.4	1 980.8	147.6	33.8	29 291.6	(S)	258.5	(Z)	.1	42
367.3	408.9	1 603.4	123.2	31.7	22 558.5	(S)	212.4	(Z)	.4	43
423.0	61.4	375.9	24.0	.6	6 732.8	(Z)	45.2	(Z)	1.2	44
5.8	2.1	1.4	.3	(S)	(S)	(S)	.8	(Z)	8.3	45
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(S)	46
8.0	2.1	7.6	.7	(S)	2.8	(S)	1.7	(Z)	4.7	47
269.8	12.3	49.2	16.3	.6	20.8	(Z)	10.2	(Z)	1.2	48
383.1	137.2	207.4	47.8	29.3	117.1	.2	52.2	(Z)	.4	49
2.4	(S)	2.6	(S)	(Z)	1.6	(Z)	.6	(Z)	8.0	50
9.7	5.3	10.1	.3	(S)	13.3	(Z)	2.9	(Z)	4.6	51
29.8	8.6	25.2	4.9	2.1	94.9	(Z)	19.0	(Z)	5.5	52
93.2	306.3	1 678.6	77.1	(S)	29 041.2	(S)	171.8	(Z)	.1	53
42.7	176.2	900.4	6.1	(S)	20 267.4	(S)	113.6	(Z)	.2	54
(S)	18.3	93.9	17.1	(Z)	1 342.6	(Z)	(S)	(Z)	3.6	55
37.3	87.2	426.9	45.1	(S)	3 190.7	(Z)	25.6	(Z)	1.7	56
9.2	24.4	145.0	5.3	(Z)	3 134.9	(Z)	21.5	(Z)	2.2	57
(S)	(S)	112.5	(S)	(Z)	1 105.6	(Z)	(S)	(Z)	4.2	58
93.2	306.3	1 678.6	77.1	(S)	29 041.2	(S)	171.8	(Z)	.1	59
24.1	43.1	324.1	6.2	(Z)	6 713.2	(Z)	33.8	(Z)	1.4	60
69.1	263.2	1 354.5	70.9	(S)	22 328.0	(S)	138.0	(Z)	.4	61
(S)	(Z)	67.8	(S)	(Z)	906.8	(Z)	(S)	(Z)	4.6	62
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	63

Table 4. **Trucks by Vehicle Size: 1987**

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

Vehicular and operational characteristics	Total	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of estimate (percent) for total
Total trucks	**44 572.2**	**40 947.3**	**1 029.6**	**766.1**	**1 828.8**	
Relative standard error (percent)	.1	.1	2.0	1.5	.5	
MAJOR USE						
Agriculture	3 536.9	2 698.5	265.4	271.7	301.2	2.1
Forestry and lumbering	282.2	184.7	18.1	17.4	62.1	7.4
Mining and quarrying	204.6	124.6	18.3	14.8	46.9	7.1
Construction	4 478.5	3 809.0	188.3	139.3	341.9	2.1
Manufacturing	581.2	389.6	40.4	29.8	121.4	5.3
Wholesale trade	969.5	646.2	82.3	83.4	157.6	3.9
Retail trade	1 537.1	1 290.8	101.2	63.4	81.7	3.4
For-hire transportation	796.1	125.5	63.9	46.4	560.4	2.0
Utilities	472.4	363.6	44.0	30.6	34.1	6.6
Services	1 980.8	1 795.3	79.7	34.9	70.9	3.2
Daily rental	147.6	89.2	15.1	10.5	32.8	11.8
One way rental	33.8	16.7	10.7	3.3	3.1	8.7
Personal transportation	29 291.6	29 187.7	86.6	11.5	5.7	.5
Other	(S)	(S)	(Z)	(S)	(S)	(S)
Not in use	258.5	224.6	15.7	9.2	8.9	9.7
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
BODY TYPE						
Pickup	27 662.6	27 578.2	82.0	(S)	.4	.2
Mini-van	1 713.8	1 713.8	(Z)	(Z)	(Z)	3.6
Panel or van	5 173.7	5 168.5	4.5	(S)	(S)	1.7
Utility	3 772.1	3 770.2	(S)	(Z)	(Z)	2.2
Station wagon	1 363.7	1 360.9	(S)	(Z)	(Z)	4.2
Multistop or walk-in	484.0	389.8	78.9	10.0	5.2	4.3
Platform with added devices	253.6	52.8	65.2	70.2	65.3	2.7
Low boy or depressed center	93.8	2.6	5.7	8.4	77.1	3.1
Basic platform	1 261.2	457.7	279.3	194.2	329.9	1.1
Livestock truck	59.8	11.4	15.2	12.2	20.9	5.1
Insulated nonrefrigerated van	29.3	4.1	2.9	4.1	18.1	6.2
Insulated refrigerated van	157.9	9.2	18.0	22.7	107.9	2.8
Drop-frame van	65.8	8.2	10.9	9.8	36.9	4.6
Open-top van	17.1	1.5	2.9	1.5	11.2	7.5
Basic enclosed van	669.9	93.5	127.4	82.0	366.9	1.4
Beverage	68.4	2.8	8.3	19.4	37.9	5.0
Public utility	121.4	46.7	32.4	21.7	20.5	4.6
Winch or crane	51.4	11.4	14.2	8.8	17.0	6.0
Wrecker	116.0	59.5	41.3	8.6	6.5	5.8
Pole or logging	52.1	2.9	3.5	6.9	38.8	4.1
Auto transport	20.4	2.0	3.1	.9	14.3	7.0
Service truck	102.7	71.3	24.0	4.7	2.8	4.8
Yard tractor	7.4	1.1	.8	1.5	4.0	10.7
Oilfield truck	25.1	5.0	6.2	3.5	10.4	9.1
Grain body	278.1	18.1	59.5	87.0	113.6	2.2
Garbage hauler	50.8	1.1	5.3	5.6	38.8	4.7
Dump truck	581.6	89.9	95.6	113.8	282.4	1.7
Tank truck (liquids or gases)	213.0	10.6	29.3	56.1	117.0	2.4
Tank truck (dry bulk)	31.5	(S)	2.0	5.1	24.1	5.9
Concrete mixer	56.4	(S)	.6	1.6	54.0	4.2
Other	17.5	2.1	5.8	3.3	6.3	12.2
Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(S)
ANNUAL MILES						
Less than 5,000	11 288.3	10 178.0	418.6	347.0	344.4	1.2
5,000 to 9,999	10 447.3	9 911.5	190.3	149.5	196.0	1.3
10,000 to 19,999	15 376.7	14 702.7	250.5	150.2	273.2	1.0
20,000 to 29,999	4 755.1	4 411.3	92.8	63.7	187.4	2.2
30,000 to 49,999	1 870.3	1 543.1	56.6	38.4	232.2	3.4
50,000 to 74,999	421.6	171.3	15.1	11.2	223.9	4.9
75,000 or more	412.9	29.4	5.7	6.1	371.7	1.9
RANGE OF OPERATION						
Local	33 684.8	31 559.6	702.4	545.8	876.8	.4
Short-range	6 612.0	5 882.9	157.7	118.5	452.9	1.8
Long-range	1 997.3	1 521.2	60.4	18.6	397.1	3.2
Off-the-road	1 933.7	1 683.8	84.7	72.7	92.5	3.1
Not reported	344.4	299.8	24.4	10.5	9.5	8.5
BASE OF OPERATION						
Percentage of miles traveled outside base-of-operation State:						
Less than 25 percent	36 048.0	33 321.0	853.0	660.8	1 213.2	.4
25 to 49 percent	1 669.5	1 519.3	28.8	16.8	104.6	3.5
50 to 74 percent	1 325.8	1 132.3	39.6	16.5	137.3	3.7
75 to 100 percent	1 595.7	1 311.2	29.0	13.6	241.9	3.3
Not reported	3 933.2	3 663.4	79.3	58.3	131.8	2.3

See footnotes at end of table.

Table 4. **Trucks by Vehicle Size: 1987**—Con.

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

Vehicular and operational characteristics	Total	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of estimate (percent) for total
AVERAGE WEIGHT (POUNDS)						
Less than 6,001	38 056.6	38 056.6	(Z)	(Z)	(Z)	.2
6,001 to 10,000	2 890.6	2 890.5	(Z)	(Z)	(S)	2.4
10,001 to 14,000	524.9	(Z)	524.9	(Z)	(Z)	3.4
14,001 to 16,000	242.0	(Z)	242.0	(Z)	(Z)	3.2
16,001 to 19,500	262.7	(Z)	262.7	(Z)	(Z)	3.1
19,501 to 26,000	766.1	(Z)	(Z)	766.1	(Z)	1.5
26,001 to 33,000	376.9	(Z)	(Z)	(Z)	376.9	1.9
33,001 to 40,000	208.5	(Z)	(Z)	(Z)	208.5	2.2
40,001 to 50,000	292.2	(Z)	(Z)	(Z)	292.2	1.6
50,001 to 60,000	187.9	(Z)	(Z)	(Z)	187.9	2.0
60,001 to 80,000	722.7	(Z)	(Z)	(Z)	722.7	.8
80,001 to 100,000	28.2	(Z)	(Z)	(Z)	28.2	4.2
100,001 to 130,000	7.8	(Z)	(Z)	(Z)	7.8	7.2
130,001 or more	4.4	(Z)	(Z)	(Z)	4.4	12.8
Not reported	.6	(S)	(Z)	(Z)	(S)	40.5
TOTAL LENGTH (FEET)						
Less than 13.0	3 607.8	3 591.4	10.4	3.8	2.3	2.5
13.0 to 15.9	11 615.3	11 552.7	41.1	14.2	7.4	1.2
16.0 to 19.9	25 180.1	24 835.6	224.1	72.7	47.5	.6
20.0 to 27.9	2 050.1	610.1	556.0	484.3	399.7	1.0
28.0 to 35.9	659.5	110.0	126.2	129.4	293.9	2.8
36.0 to 40.9	292.6	177.9	31.2	18.3	65.2	7.7
41.0 to 44.9	70.9	27.0	(S)	4.8	24.6	14.3
45.0 or more	1 095.6	42.5	26.1	38.7	988.3	1.4
Not reported	(S)	(S)	(Z)	(Z)	(Z)	(S)
YEAR MODEL						
1988	86.8	84.8	(S)	(Z)	1.9	14.2
1987	2 862.1	2 714.8	41.8	21.1	84.5	2.7
1986	4 729.2	4 523.6	61.3	32.1	112.2	2.2
1985	3 939.2	3 707.9	64.5	32.9	133.8	2.3
1984	3 398.7	3 198.6	51.2	29.3	119.6	2.5
1983	2 484.7	2 371.1	36.4	18.4	58.7	3.1
1982	2 102.9	1 987.2	28.1	19.1	68.6	3.5
1981	1 820.6	1 663.0	36.5	25.2	96.0	3.6
1980	1 800.0	1 614.0	39.4	32.0	114.6	3.4
1979	3 187.2	2 933.9	56.3	42.0	155.1	2.6
1978	2 898.9	2 677.6	53.1	40.3	127.9	2.7
Pre-1978	15 248.2	13 459.4	560.8	473.2	754.5	1.0
Not reported	(S)	(S)	(S)	(S)	(S)	(S)
VEHICLE ACQUISITION						
Purchased new	21 087.4	19 484.2	456.0	311.4	835.7	.8
Purchased used	22 324.7	20 490.3	537.4	431.6	865.2	.7
Leased from someone else	749.6	605.7	20.5	15.7	107.6	5.6
Not reported	410.5	367.1	15.7	7.4	20.3	7.1
LEASE CHARACTERISTICS[1 2]						
Leased without driver	974.8	701.9	56.1	44.1	172.6	4.6
Leased with driver	123.2	55.1	4.7	5.0	58.4	9.2
Leased with owner-operator	264.4	178.5	7.0	1.9	76.9	8.1
Not reported	82.5	73.2	2.8	1.1	5.5	17.6
Provisions of lease:						
Financing	489.3	407.4	17.4	15.0	49.5	6.9
Full maintenance	190.3	88.2	8.3	11.8	82.1	7.1
Maintenance on specific parts	76.1	66.5	1.1	1.3	7.1	17.8
Payment of taxes	208.0	131.0	5.3	8.8	62.9	9.1
Obtaining licenses and permits	231.2	98.6	8.9	10.4	113.4	5.9
Record keeping for leased trucks	121.6	43.9	4.3	6.1	67.2	6.7
Other	66.2	45.2	2.1	1.2	17.7	18.1
OPERATOR CLASSIFICATION						
Not for hire	43 597.9	40 708.5	949.7	708.2	1 231.3	.1
Business use	13 703.5	10 923.6	858.6	696.0	1 225.2	1.0
Personal transportation	29 348.5	29 244.1	87.4	11.4	5.6	.5
Mixed-business use/personal transportation	545.9	540.8	3.7	.8	(S)	7.1
For hire	793.4	121.5	64.3	46.8	560.8	1.9
Motor carrier	534.9	68.4	51.4	31.8	383.3	2.4
Owner/operator	257.0	53.1	12.6	14.5	176.7	3.5
Independent	161.9	47.5	11.5	11.8	91.1	5.2
Leased to a company	95.1	5.7	1.1	2.8	85.5	3.5
Not reported	1.5	(Z)	(S)	.4	.9	19.2
Daily rental	147.9	89.3	15.0	10.5	33.1	11.7
Mixed-not for hire/for hire	2.9	(Z)	(Z)	(S)	2.7	19.1

See footnotes at end of table.

Table 4. **Trucks by Vehicle Size: 1987**—Con.

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

Vehicular and operational characteristics	Total	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of estimate (percent) for total
OPERATOR CLASSIFICATION—Con.						
For-hire jurisdiction:						
Interstate	372.8	16.9	7.7	13.4	334.8	1.8
Intrastate	207.6	38.1	20.1	10.8	138.7	4.9
Local	211.6	66.4	36.3	22.2	86.7	4.7
Not reported	1.4	.2	.1	.5	.6	20.3
Type of carrier (interstate only):						
Contract	78.0	.8	1.3	2.0	73.9	3.3
Common	261.1	12.6	5.7	10.2	232.5	2.3
Exempt	18.9	(S)	(S)	.4	17.1	7.9
Not reported	14.7	(S)	(S)	.7	11.3	11.4
PRODUCTS CARRIED						
Farm products	1 557.8	903.3	166.3	208.5	279.7	2.8
Live animals	554.1	430.8	53.3	29.8	40.2	5.6
Mining products	52.8	15.9	3.6	2.9	30.4	9.2
Logs and other forest products	158.8	65.6	17.2	15.5	60.6	5.5
Lumber and fabricated wood products	353.2	257.5	25.5	22.7	47.4	7.1
Processed foods	629.5	337.2	53.2	57.6	181.5	3.9
Textile mill products	215.0	181.0	14.2	5.6	14.2	9.9
Building materials	1 140.6	598.3	95.3	99.3	347.7	3.3
Household goods	138.6	64.9	27.6	14.3	31.8	6.0
Furniture or hardware	180.3	134.2	19.4	8.4	18.3	8.7
Paper products	198.8	144.3	11.3	10.8	32.5	8.8
Chemicals	375.6	285.4	19.9	23.3	47.0	7.3
Petroleum	242.9	84.9	25.2	49.2	83.7	4.5
Plastics and/or rubber	95.1	68.4	6.8	3.7	16.2	15.9
Primary metal products	169.1	101.9	10.4	7.2	49.6	9.5
Fabricated metal products	292.4	223.6	24.0	12.4	32.5	8.1
Machinery	406.6	262.8	34.6	25.9	83.3	5.5
Transportation equipment	420.0	297.3	56.9	18.2	47.6	6.0
Glass products	55.3	47.1	2.7	.8	4.7	22.7
Miscellaneous products of manufacturing	299.1	265.1	11.9	6.6	15.5	9.3
Industrial water	30.6	3.9	7.7	5.8	13.1	7.1
Scrap, refuse, or garbage	242.1	114.4	35.0	23.2	69.4	4.9
Hazardous waste	6.5	(S)	(S)	(S)	3.9	21.6
Mixed cargoes	685.6	403.2	55.3	30.8	196.3	4.6
Craftsman's equipment	2 476.3	2 338.3	81.0	30.2	26.7	3.0
Personal transportation	29 289.6	29 185.4	86.9	11.5	5.7	.5
No load carried	3 792.1	3 672.7	59.8	28.0	31.5	2.4
Not in use	257.5	225.0	14.9	9.0	8.6	9.7
Other	256.1	233.2	9.2	4.7	8.9	9.7
Not reported	(S)	(S)	(Z)	(Z)	(Z)	(S)
HAZARDOUS MATERIALS CARRIED						
Hazardous materials carried	340.1	76.8	28.7	45.1	189.5	3.7
Less than 10 percent of time	114.2	10.1	9.8	8.4	85.9	3.6
10 to 25 percent of time	27.5	(S)	.9	2.6	15.2	27.5
26 to 49 percent of the time	17.9	3.8	1.0	2.4	10.7	12.0
50 to 74 percent of the time	24.7	2.5	2.4	4.1	15.7	8.4
75 to 100 percent of the time	94.4	12.9	11.6	23.9	45.9	4.3
No percent reported	61.4	38.7	3.1	3.7	16.0	13.0
Types of hazardous materials[2]:						
Flammable liquids	197.6	27.5	17.4	27.5	125.3	4.8
Combustible liquids	95.2	2.8	5.9	9.7	76.8	3.1
Corrosive liquids	70.0	5.7	4.1	5.3	54.9	5.0
Poison B solids	30.8	(S)	.9	2.4	26.6	5.0
Poison B liquids	29.2	(S)	.9	2.0	25.4	5.2
Flammable solids	28.7	(S)	.9	2.0	24.9	5.2
Oxidizers	28.0	(S)	.9	2.1	24.7	5.1
Flammable gas	26.2	(S)	.8	2.0	23.0	5.3
Nonflammable gas	26.1	(S)	.8	2.0	22.9	5.4
Poison A	20.7	(S)	.3	1.6	18.5	6.0
Corrosive solids	21.4	(S)	.3	1.5	19.3	5.9
Explosives, A or B	4.6	(S)	(S)	.5	3.5	14.4
Blasting agents	1.4	(S)	(S)	.3	.7	24.3
Radioactive materials	1.6	(S)	(S)	.3	.7	26.7
ORM-A, B, or C	2.0	(S)	(S)	.3	1.1	23.4
ORM E	3.4	(S)	(S)	(S)	1.3	47.3
Hazardous materials not listed	(S)	(S)	(Z)	(S)	(S)	(S)
Not reported	139.0	47.3	11.3	17.4	63.1	6.1
No hazardous materials carried	43 281.5	40 123.5	936.2	675.1	1 546.6	.1
Not reported	950.6	747.0	64.7	45.9	92.8	3.8
TRUCK FLEET SIZE[3]						
1	29 026.2	28 291.6	283.1	143.9	307.4	.5
2 to 5	11 094.4	9 990.6	388.1	308.9	406.6	1.3
6 to 19	2 397.2	1 593.1	193.0	187.2	424.0	2.5
20 or more	2 054.4	1 072.0	165.4	126.1	690.8	2.5

See footnotes at end of table.

Table 4. **Trucks by Vehicle Size: 1987**—Con.

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

Vehicular and operational characteristics	Total	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of estimate (percent) for total
MILES PER GALLON						
Less than 5	640.8	(Z)	64.2	87.9	488.7	1.3
5 to 6.9	1 823.1	217.8	259.8	323.7	1 021.8	1.2
7 to 8.9	2 470.5	1 784.0	272.5	212.6	201.5	2.5
9 to 11.9	8 593.1	8 035.8	306.4	138.7	112.0	1.5
12 to 14.9	10 747.9	10 656.9	90.8	(Z)	.1	1.3
15 to 19.9	11 096.5	11 068.0	28.6	(Z)	(Z)	1.3
20 or more	9 032.2	9 032.1	(Z)	(Z)	(S)	1.5
Not reported	168.1	152.7	7.4	3.4	4.6	12.4
EQUIPMENT TYPE[4]						
Braking system	4 886.2	1 355.7	938.5	763.8	1 828.2	.5
Hydraulic	1 332.0	588.4	354.5	252.9	136.2	1.0
Hydraulic (power)	1 389.3	484.2	426.8	301.7	176.6	1.0
Air	1 695.2	21.7	82.0	157.1	1 434.3	.5
Not reported	469.8	261.3	75.2	52.1	81.1	4.6
Power steering[2]	20 530.8	20 432.2	63.5	2.5	32.5	.8
Air conditioning[2]	13 571.5	13 489.5	54.7	.8	26.5	1.1
Engine retarder[2]	8.9	(S)	.4	(S)	8.1	8.2
Reflective materials[2]	97.5	21.4	8.9	6.3	60.9	3.7
Electronic vehicle management system[2]	4.1	(S)	(Z)	(S)	3.5	12.8
Electronic vehicle identification device (transponder, etc.)[2]	1.5	(S)	(Z)	(S)	1.3	21.8
Trip recorders[2]	3.0	(S)	(S)	(S)	2.5	17.1
Navigational systems[2]	.7	(S)	(Z)	(S)	.4	39.8
FUEL CONSERVATION EQUIPMENT[2 4]						
Aerodynamic features	340.7	49.6	43.2	20.6	227.2	1.8
Axle or drive ratio	226.7	31.3	20.8	12.5	162.0	2.2
Fuel economy engine	191.6	23.2	12.1	9.1	147.3	2.3
Radial tires	26 069.1	25 927.3	67.1	3.0	71.6	.6
Road speed governor	43.1	2.0	1.7	1.6	37.8	4.2
Variable fan drives	39.4	(S)	.6	1.2	36.4	4.3
Other fuel conservation devices	20.7	(S)	.1	.8	18.9	6.0
MAINTENANCE[2]						
General maintenance:						
Owner	26 385.0	24 863.9	469.9	369.8	681.3	.6
Company's maintenance facilities	3 684.1	2 233.2	301.2	233.1	916.6	1.9
Dealership's service department	6 294.0	6 011.6	113.4	56.3	112.7	1.8
Leasing company	179.9	125.7	3.0	8.6	42.7	9.1
Independent garage	12 138.2	11 483.8	218.4	153.8	282.2	1.2
Component distributorship	396.4	350.3	7.1	6.7	32.3	8.1
No one	540.7	527.6	5.0	4.0	4.0	6.8
Other	166.5	154.7	1.7	1.4	8.7	12.4
Not reported	1 922.1	1 792.3	39.8	30.2	59.6	3.3
Major overhauls:						
Owner	6 591.6	6 091.5	151.6	111.9	236.5	1.8
Company's maintenance facilities	2 034.6	1 153.9	178.9	129.5	572.3	2.6
Dealership's service department	4 702.1	4 242.4	116.3	83.0	260.4	2.1
Leasing company	170.5	126.3	4.7	8.0	31.5	10.0
Independent garage	8 489.8	7 727.4	214.3	168.4	379.7	1.5
Component distributorship	868.3	704.6	21.5	20.5	121.6	5.0
No one	2 623.4	2 533.8	30.2	23.1	36.3	3.0
Other	209.1	195.9	2.0	2.5	8.6	12.1
Not reported	20 373.2	19 390.4	359.8	258.5	364.3	.8
ENGINE TYPE AND SIZE						
Engine	44 572.2	40 947.3	1 029.6	766.1	1 828.8	.1
Gasoline	41 768.3	39 944.1	872.2	575.1	376.7	.2
Diesel	2 733.0	948.9	151.3	184.8	1 448.0	1.8
LPG or other	45.3	34.4	3.4	4.9	2.6	20.8
Not reported	25.6	19.9	2.7	1.3	1.6	14.4
Cylinders[5]	44 572.2	40 947.3	1 029.6	766.1	1 828.8	.1
4	7 744.0	7 734.4	6.0	2.5	1.2	1.7
6	10 527.3	9 523.8	111.9	100.1	791.4	1.2
8	22 521.5	21 159.6	623.8	376.4	361.7	.7
Other	17.8	(S)	1.2	(S)	1.4	44.5
Not reported	3 761.6	2 514.6	286.6	286.8	673.2	2.1
Cubic inch displacement	44 546.6	40 927.4	1 026.9	764.8	1 827.3	.1
Gasoline engines	41 768.3	39 944.1	872.2	575.1	376.7	.2
Less than 200	10 542.7	10 537.2	2.7	2.2	.6	1.4
200 to 299	4 975.5	4 812.4	97.2	52.4	13.5	2.0
300 to 349	10 342.5	10 061.8	135.5	100.9	44.3	1.3

See footnotes at end of table.

Table 4. **Trucks by Vehicle Size: 1987**—Con.

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

Vehicular and operational characteristics	Total	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of estimate (percent) for total
ENGINE TYPE AND SIZE—Con.						
Cubic inch displacement—Con.						
Gasoline engines—Con.						
350 to 399	11 765.4	10 946.7	402.9	259.4	156.5	1.2
400 or more	2 379.5	2 078.8	125.8	66.2	108.7	3.1
Not reported[6]	1 762.8	1 507.2	108.1	94.1	53.1	3.3
Diesel engines	2 733.0	948.9	151.3	184.8	1 448.0	1.8
Less than 400	789.6	577.2	48.0	37.9	126.4	4.6
400 to 599	633.0	251.8	65.7	77.2	238.3	4.3
600 to 799	365.2	(S)	13.1	26.4	323.5	1.5
800 or more	560.6	.7	3.7	9.6	546.6	.9
Not reported[6]	384.8	117.0	20.8	33.8	213.1	5.1
Other engines	45.3	34.4	3.4	4.9	2.6	20.8
Less than 400	30.5	23.8	2.5	2.8	1.3	18.2
400 or more	4.0	(S)	(S)	1.1	1.1	28.1
Not reported[6]	(S)	(S)	(S)	(S)	(S)	(S)
Horsepower	44 546.6	40 927.4	1 026.9	764.8	1 827.3	.1
Gasoline engines	41 768.3	39 944.1	872.2	575.1	376.7	.2
Less than 100	5 073.2	5 037.8	17.4	12.5	5.6	2.1
100 to 199	30 201.3	29 246.2	505.7	300.5	148.9	.5
200 to 249	2 734.6	2 317.2	172.7	119.2	125.5	2.9
250 or more	469.3	344.3	48.4	40.7	36.0	5.4
Not reported[6]	3 289.8	2 998.7	127.9	102.3	60.7	2.6
Diesel engines	2 733.0	948.9	151.3	184.8	1 448.0	1.8
Less than 250	1 356.4	707.4	107.1	127.1	414.7	3.0
250 to 349	534.4	7.1	7.4	16.2	503.8	1.1
350 to 449	373.7	.8	2.2	4.3	366.5	1.2
450 or more	11.2	(Z)	(S)	.2	10.7	7.0
Not reported[6]	457.3	233.6	34.4	37.0	152.2	5.9
Other engines	45.3	34.4	3.4	4.9	2.6	20.8
Less than 250	32.1	23.8	2.8	3.4	2.0	17.1
250 or more	(S)	(S)	(Z)	(S)	(S)	(S)
Not reported[6]	(S)	(S)	(S)	(S)	(S)	(S)
TRUCK TYPE AND AXLE ARRANGEMENT						
Single-unit trucks	42 916.5	40 587.7	923.9	680.7	724.0	.1
2 axles	42 465.4	40 576.8	903.2	643.7	341.5	.1
3 axles	398.0	9.5	19.8	35.5	333.1	1.7
4 axles or more	53.1	1.4	.9	1.5	49.4	4.1
Combinations	1 655.7	359.6	105.7	85.4	1 104.8	2.0
Single-unit truck with trailer	59.6	3.1	9.1	10.1	37.3	5.7
4 axles	29.0	2.1	7.1	7.0	12.8	9.4
5 axles or more	30.5	1.0	2.0	3.1	24.5	6.6
Single-unit truck with utility trailer	537.5	353.1	83.1	41.1	60.2	6.2
3 axles	232.2	194.6	17.0	11.0	9.7	10.7
4 axles	257.5	153.7	58.5	21.7	23.5	8.5
5 axles or more	47.8	4.8	7.6	8.4	27.0	8.0
Truck-tractor with single trailer	1 023.4	3.4	13.1	34.1	972.7	.6
3 axles	86.5	.7	4.4	9.9	71.5	3.3
4 axles	230.8	1.9	5.7	15.1	208.0	1.7
5 axles or more	706.1	.7	3.1	9.1	693.2	.8
Truck-tractor with double trailers	34.3	(Z)	(Z)	(S)	34.2	5.2
5 axles	26.7	(Z)	(Z)	(S)	26.6	6.0
6 axles	5.0	(Z)	(Z)	(Z)	4.9	15.0
7 axles or more	2.7	(Z)	(Z)	(Z)	2.7	11.0
Truck-tractor with triple trailers	.5	(Z)	(Z)	(Z)	.5	21.7
7 axles	.4	(Z)	(Z)	(Z)	.4	25.3
8 axles or more	.1	(Z)	(Z)	(Z)	.1	41.5
Trailer not specified	(S)	(Z)	(S)	(Z)	(Z)	(S)
Powered axles	44 572.2	40 947.3	1 029.6	766.1	1 828.8	.1
1	34 550.3	32 122.4	964.0	715.3	748.4	.4
2	9 985.1	8 820.2	61.7	48.0	1 055.2	1.2
3 or more	36.7	4.7	(S)	2.8	25.3	8.3
Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(S)
CAB TYPE[7]						
Cab forward of engine	84.6	24.0	16.1	15.7	28.7	4.7
Cab over engine	809.5	132.8	93.7	82.3	500.7	1.2
Conventional cab	3 455.0	861.8	741.2	623.7	1 228.3	.4
Cab beside engine	40.0	22.6	6.9	2.9	7.5	8.0
Other	109.2	71.3	22.0	7.4	8.4	4.6
Not reported	388.1	243.1	58.5	31.8	54.5	5.5

See footnotes at end of table.

Table 4. **Trucks by Vehicle Size: 1987**—Con.

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

Vehicular and operational characteristics	Total	Vehicle size				Relative standard error of estimate (percent) for total
		Light	Medium	Light-heavy	Heavy-heavy	
PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS						
Total	39 686.0	39 591.7	91.1	(S)	.7	.1
Pickups	27 662.6	27 578.2	82.0	(S)	.4	.2
Mini-vans	1 713.8	1 713.8	(Z)	(Z)	(Z)	3.6
Panels or vans	5 173.7	5 168.5	4.5	(S)	(S)	1.7
Utilities	3 772.1	3 770.2	(S)	(Z)	(Z)	2.2
Station wagons	1 363.7	1 360.9	(S)	(Z)	(Z)	4.2
Driving wheels	39 686.0	39 591.7	91.1	(S)	.7	.1
4-wheel drive	8 778.1	8 761.6	16.4	(Z)	(S)	1.4
2-wheel drive	30 907.9	30 830.1	74.7	(S)	.6	.4
Front-wheel drive	1 215.3	1 214.5	(S)	(Z)	(Z)	4.6
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Note: Some data cells may have high relative standard errors of estimate (RSE's). See appendix B for approximating the RSE's for the data cells. Some unpublished estimates can be derived from this table by subtracting published data from their respective totals. However, the figures obtained by such subtraction are subject to high sampling variability or poor response quality. These unpublished data are for internal use only. The U.S. data may vary from the sum of the State reports because of rounding.

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.

[2]Detail does not add to total because items were not applicable or multiple responses were possible.

[3]When no response was obtained, a fleet size of one truck was assumed.

[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.

[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.

[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.

[7]Pickups, panels, vans, and mini-vans are not included.

Table 5. Trucks by Annual Mileage Class: 1987

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

Vehicular and operational characteristics	Total	Annual miles							Relative standard error of estimate (percent) for total
		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	
Total trucks	**44 572.2**	**11 288.3**	**10 447.3**	**15 376.7**	**4 755.1**	**1 870.3**	**421.6**	**412.9**	
Relative standard error (percent)	.1	1.2	1.3	1.0	2.2	3.4	4.9	1.9	
MAJOR USE									
Agriculture	3 536.9	1 389.3	803.1	895.6	226.3	158.1	46.2	18.4	2.1
Forestry and lumbering	282.2	70.0	45.1	77.8	43.5	22.8	13.7	9.3	7.4
Mining and quarrying	204.6	45.8	43.2	49.8	31.6	25.4	5.5	3.4	7.1
Construction	4 478.5	822.7	840.4	1 571.4	802.8	355.9	67.8	17.5	2.1
Manufacturing	581.2	103.2	93.8	174.0	88.4	65.5	23.8	32.5	5.3
Wholesale trade	969.5	110.5	129.5	312.2	202.6	139.8	44.1	30.8	3.9
Retail trade	1 537.1	253.8	300.6	573.3	240.3	140.1	17.7	11.3	3.4
For-hire transportation	796.1	38.7	63.4	122.0	76.7	121.0	119.0	255.2	2.0
Utilities	472.4	78.2	124.9	194.4	56.7	17.0	.7	.5	6.6
Services	1 980.8	357.4	440.1	710.9	288.5	150.7	25.5	7.8	3.2
Daily rental	147.6	22.0	17.0	43.2	28.6	17.6	8.1	11.0	11.8
One way rental	33.8	(S)	6.4	20.3	3.8	2.5	.2	.3	8.7
Personal transportation	29 291.6	7 740.1	7 538.0	10 630.9	2 665.4	653.0	49.2	15.0	.5
Other	(S)	(S)	(S)	(S)	(Z)	(S)	(S)	(Z)	(S)
Not in use	258.5	255.7	(S)	(S)	(Z)	(S)	(Z)	(Z)	9.7
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
BODY TYPE									
Pickup	27 662.6	7 340.4	6 882.5	9 620.0	2 741.7	943.4	119.5	15.0	.2
Mini-van	1 713.8	174.4	331.4	831.6	311.0	61.8	(S)	(Z)	3.6
Panel or van	5 173.7	1 084.4	1 259.5	1 896.6	613.3	285.9	23.3	10.8	1.7
Utility	3 772.1	793.0	831.7	1 537.8	448.5	151.6	(S)	(S)	2.2
Station wagon	1 363.7	265.2	354.8	543.2	161.2	33.6	5.6	(Z)	4.2
Multistop or walk-in	484.0	115.7	97.4	143.2	77.0	41.8	5.5	3.4	4.3
Platform with added devices	253.6	124.8	42.2	46.3	20.3	12.9	4.6	2.5	2.7
Low boy or depressed center	93.8	31.6	14.2	15.9	10.3	8.8	6.8	6.2	3.1
Basic platform	1 261.2	550.0	216.3	216.8	86.4	75.6	50.3	65.8	1.1
Livestock truck	59.8	28.9	10.5	5.2	3.4	2.6	2.6	6.6	5.1
Insulated nonrefrigerated van	29.3	3.2	3.7	4.3	4.0	3.0	3.7	7.4	6.2
Insulated refrigerated van	157.9	10.7	10.2	23.7	18.2	21.9	20.0	53.2	2.8
Drop-frame van	65.8	6.0	9.7	11.8	10.1	7.6	10.7	9.9	4.6
Open-top van	17.1	7.1	1.3	1.2	1.4	1.6	1.4	3.0	7.5
Basic enclosed van	669.9	69.7	65.3	128.1	88.2	95.5	69.9	153.3	1.4
Beverage	68.4	10.1	14.2	29.8	10.7	2.5	.6	.5	5.0
Public utility	121.4	32.6	42.9	37.0	7.1	1.5	(S)	(Z)	4.6
Winch or crane	51.4	19.8	11.4	7.9	4.4	5.3	1.5	1.1	6.0
Wrecker	116.0	41.6	24.1	30.0	11.6	5.3	2.8	.7	5.8
Pole or logging	52.1	11.9	5.9	8.3	4.3	8.4	8.2	5.0	4.1
Auto transport	20.4	3.2	1.5	1.9	2.0	3.2	4.5	4.0	7.0
Service truck	102.7	24.5	20.5	30.2	19.7	6.6	1.3	(Z)	4.8
Yard tractor	7.4	6.0	.4	.5	.3	.1	(Z)	(Z)	10.7
Oilfield truck	25.1	7.7	5.3	7.1	2.9	1.4	.5	(S)	9.1
Grain body	278.1	207.4	35.6	12.6	4.0	6.1	5.9	6.6	2.2
Garbage hauler	50.8	9.4	7.1	12.8	9.8	7.8	2.4	1.5	4.7
Dump truck	581.6	237.2	100.0	97.6	47.4	48.3	31.8	19.5	1.7
Tank truck (liquids or gases)	213.0	52.2	29.8	46.4	21.1	18.0	18.4	27.0	2.4
Tank truck (dry bulk)	31.5	5.0	4.1	4.1	2.5	3.4	5.0	7.5	5.9
Concrete mixer	56.4	8.9	11.1	22.1	11.1	2.4	.6	(S)	4.2
Other	17.5	5.9	2.7	2.5	1.3	2.4	1.4	1.3	12.2
Not reported	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
RANGE OF OPERATION									
Local	33 684.8	8 701.8	8 325.9	12 093.4	3 320.3	1 058.5	145.2	39.9	.4
Short-range	6 612.0	1 013.0	1 288.6	2 346.7	1 066.2	625.8	167.4	104.4	1.8
Long-range	1 997.3	288.8	408.8	537.9	255.6	142.6	97.0	266.5	3.2
Off-the-road	1 933.7	985.2	408.3	377.4	107.5	41.6	(S)	1.8	3.1
Not reported	344.4	299.6	15.7	21.3	5.6	1.8	(S)	.3	8.5
BASE OF OPERATION									
Percentage of miles traveled outside base-of-operation State:									
Less than 25 percent	36 048.0	9 514.4	8 557.8	12 472.2	3 728.5	1 414.5	248.2	112.5	.4
25 to 49 percent	1 669.5	247.7	309.1	618.2	295.2	121.7	39.9	37.7	3.5
50 to 74 percent	1 325.8	206.6	241.7	470.3	187.7	103.2	44.4	71.8	3.7
75 to 100 percent	1 595.7	221.9	329.7	504.3	215.7	110.4	53.9	159.8	3.3
Not reported	3 933.2	1 097.7	1 008.9	1 311.7	328.1	120.5	35.2	31.1	2.3
VEHICLE SIZE									
Light	40 947.3	10 178.0	9 911.5	14 702.7	4 411.3	1 543.1	171.3	29.4	.1
Medium	1 029.6	418.6	190.3	250.5	92.8	56.6	15.1	5.7	2.0
Light-heavy	766.1	347.0	149.5	150.2	63.7	38.4	11.2	6.1	1.5
Heavy-heavy	1 828.8	344.4	196.0	273.2	187.4	232.2	223.9	371.7	.5

See footnotes at end of table.

Table 5. **Trucks by Annual Mileage Class: 1987**—Con.

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

Vehicular and operational characteristics	Total	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 estimate (percent) for total
AVERAGE WEIGHT (POUNDS)									
Less than 6,001	38 056.6	9 378.0	9 250.5	13 780.4	4 091.0	1 383.3	149.3	24.0	.2
6,001 to 10,000	2 890.6	799.9	661.0	922.3	320.2	159.8	22.0	5.4	2.4
10,001 to 14,000	524.9	201.5	99.2	140.6	48.8	25.9	5.9	3.0	3.4
14,001 to 16,000	242.0	102.6	41.0	53.9	20.1	16.8	5.7	1.9	3.2
16,001 to 19,500	262.7	114.5	50.1	56.0	23.9	13.9	3.5	.9	3.1
19,501 to 26,000	766.1	346.9	149.5	150.2	63.7	38.4	11.2	6.1	1.5
26,001 to 33,000	376.9	139.8	68.5	79.0	36.6	30.6	13.1	9.3	1.9
33,001 to 40,000	208.5	61.7	33.0	44.8	23.9	21.9	11.7	11.4	2.2
40,001 to 50,000	292.2	74.0	40.3	53.7	35.2	37.3	24.7	27.1	1.6
50,001 to 60,000	187.9	26.8	17.6	34.0	26.3	28.2	21.9	33.1	2.0
60,001 to 80,000	722.7	37.8	34.1	58.3	60.5	105.3	144.0	282.7	.8
80,001 to 100,000	28.2	2.7	1.9	2.4	3.4	6.9	5.8	5.1	4.2
100,001 to 130,000	7.8	.9	.3	.6	1.2	1.0	1.6	2.2	7.2
130,001 or more	4.4	(S)	(S)	.5	.2	.9	1.2	.7	12.8
Not reported	.6	.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	40.5
TOTAL LENGTH (FEET)									
Less than 13.0	3 607.8	829.3	817.3	1 310.6	475.4	156.8	15.9	(S)	2.5
13.0 to 15.9	11 615.3	2 264.2	2 585.8	4 778.1	1 524.5	414.9	44.0	(S)	1.2
16.0 to 19.9	25 180.1	6 885.5	6 377.0	8 487.7	2 362.7	940.1	106.2	21.0	.6
20.0 to 27.9	2 050.1	898.9	390.2	429.1	182.6	109.3	31.9	8.1	1.0
28.0 to 35.9	659.5	195.0	128.3	151.1	82.3	68.0	20.9	13.8	2.8
36.0 to 40.9	292.6	81.1	52.4	90.2	28.8	25.9	9.1	5.1	7.7
41.0 to 44.9	70.9	18.3	9.2	23.1	9.8	4.6	4.1	1.9	14.3
45.0 or more	1 095.6	115.7	87.1	106.8	89.1	150.8	189.6	356.5	1.4
Not reported	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
YEAR MODEL									
1988	86.8	23.2	38.4	22.4	(S)	.5	.5	.3	14.2
1987	2 862.1	305.2	629.8	1 281.2	404.5	182.5	26.1	32.8	2.7
1986	4 729.2	302.2	813.4	2 186.6	950.0	353.5	68.7	54.8	2.2
1985	3 939.2	282.6	638.4	1 950.1	686.8	264.3	49.0	68.0	2.3
1984	3 398.7	319.1	614.9	1 600.6	564.2	187.5	47.7	64.6	2.5
1983	2 484.7	278.4	625.4	1 077.6	317.2	136.3	26.2	23.7	3.1
1982	2 102.9	303.0	441.8	871.8	306.9	133.2	26.5	19.8	3.5
1981	1 820.6	295.2	432.3	732.1	225.4	85.3	21.4	28.9	3.6
1980	1 800.0	350.6	521.5	627.6	171.6	77.9	26.6	24.2	3.4
1979	3 187.2	679.7	964.0	1 109.1	260.4	117.8	26.9	29.3	2.6
1978	2 898.9	707.1	899.6	940.9	190.6	114.8	25.1	20.8	2.7
Pre-1978	15 248.2	7 439.8	3 827.4	2 966.6	675.7	216.5	76.5	45.7	1.0
Not reported	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(Z)	(S)
VEHICLE ACQUISITION									
Purchased new	21 087.4	3 346.4	4 716.6	8 588.9	2 879.8	1 094.0	224.2	237.6	.8
Purchased used	22 324.7	7 740.7	5 518.3	6 355.1	1 733.3	694.1	165.8	117.4	.7
Leased from someone else	749.6	65.1	110.2	321.6	101.2	72.2	26.4	53.0	5.6
Not reported	410.5	136.2	102.3	111.0	40.9	10.1	5.2	4.9	7.1
LEASE CHARACTERISTICS[1 2]									
Leased without driver	974.8	77.8	151.8	379.9	140.1	121.3	38.8	65.2	4.6
Leased with driver	123.2	11.0	13.3	37.1	17.3	11.5	12.0	21.0	9.2
Leased with owner-operator	264.4	37.8	21.5	101.4	27.5	19.7	20.0	36.5	8.1
Not reported	82.5	38.3	16.2	16.1	5.5	3.7	1.0	1.8	17.6
Provisions of lease:									
Financing	489.3	36.2	78.0	203.3	75.0	65.2	11.2	20.3	6.9
Full maintenance	190.3	8.1	20.7	49.0	23.8	32.9	19.8	35.9	7.1
Maintenance on specific parts	76.1	7.4	9.2	44.5	9.0	1.9	1.8	2.4	17.8
Payment of taxes	208.0	7.0	25.2	73.7	33.7	20.9	15.5	32.0	9.1
Obtaining licenses and permits	231.2	18.5	16.8	62.4	23.2	28.9	26.1	55.4	5.9
Record keeping for leased trucks	121.6	7.0	11.3	21.8	17.2	15.5	14.5	34.2	6.7
Other	66.2	(S)	19.0	15.0	5.6	3.1	3.3	6.5	18.1
OPERATOR CLASSIFICATION									
Not for hire	43 597.9	11 222.3	10 359.8	15 206.0	4 639.4	1 730.0	293.9	146.5	.1
Business use	13 703.5	3 318.8	2 716.0	4 369.0	1 891.0	1 037.0	240.2	131.5	1.0
Personal transportation	29 348.5	7 807.7	7 537.1	10 621.3	2 665.3	653.0	49.2	15.0	.5
Mixed-business use/personal transportation	545.9	95.8	106.6	215.7	83.1	40.1	(S)	(Z)	7.1
For hire	793.4	41.4	63.0	117.7	76.8	120.8	118.9	254.8	1.9
Motor carrier	534.9	21.2	35.2	85.5	50.8	81.8	76.4	184.0	2.4
Owner/operator	257.0	19.8	27.8	31.9	25.9	38.6	42.4	70.5	3.5
Independent	161.9	18.6	25.7	24.1	19.0	26.6	19.6	28.3	5.2
Leased to a company	95.1	1.3	2.1	7.8	6.8	12.0	22.8	42.3	3.5
Not reported	1.5	.4	(Z)	(S)	.1	.4	.2	.2	19.2
Daily rental	147.9	22.2	16.9	43.2	28.6	17.7	8.3	11.1	11.7
Mixed-not for hire/for hire	2.9	(S)	.5	(S)	(S)	(S)	(S)	.5	19.1

See footnotes at end of table.

Table 5. **Trucks by Annual Mileage Class: 1987**—Con.

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

Vehicular and operational characteristics	Total	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 estimate (percent) for total
OPERATOR CLASSIFICATION—Con.									
For-hire jurisdiction:									
Interstate	372.8	8.0	9.3	22.6	21.2	42.0	65.5	204.1	1.8
Intrastate	207.6	8.1	15.1	39.0	21.7	40.8	40.3	42.6	4.9
Local	211.6	24.5	38.5	56.1	33.7	37.8	12.9	8.1	4.7
Not reported	1.4	.8	(S)	(Z)	(S)	(S)	(S)	(Z)	20.3
Type of carrier (interstate only):									
Contract	78.0	1.7	1.3	2.8	2.8	7.5	16.3	45.6	3.3
Common	261.1	4.3	7.3	16.0	16.6	31.3	44.1	141.5	2.3
Exempt	18.9	(S)	(S)	(S)	.9	1.9	2.8	10.8	7.9
Not reported	14.7	(S)	(S)	(S)	.9	1.3	2.3	6.2	11.4
PRODUCTS CARRIED									
Farm products	1 557.8	732.8	319.3	314.8	63.9	61.7	32.1	33.2	2.8
Live animals	554.1	156.6	124.0	175.7	44.2	31.4	10.1	12.0	5.6
Mining products	52.8	11.9	6.6	7.9	4.7	9.2	6.5	5.9	9.2
Logs and other forest products	158.8	43.8	26.8	37.6	14.9	13.4	12.2	9.9	5.5
Lumber and fabricated wood products	353.2	45.5	70.2	106.0	81.5	27.5	9.6	12.9	7.1
Processed foods	629.5	61.8	105.8	214.5	94.2	61.7	30.9	60.5	3.9
Textile mill products	215.0	32.1	28.9	73.8	35.8	31.9	(S)	7.4	9.9
Building materials	1 140.6	267.3	203.1	355.8	138.0	105.8	41.1	29.5	3.3
Household goods	138.6	11.1	24.5	60.6	16.6	10.5	10.2	5.3	6.0
Furniture or hardware	180.3	42.7	36.5	40.7	27.9	16.7	5.3	8.6	8.7
Paper products	198.8	20.6	35.8	48.9	41.6	28.2	9.8	13.7	8.8
Chemicals	375.6	68.1	57.1	141.8	53.8	30.6	11.9	12.3	7.3
Petroleum	242.9	55.8	43.9	67.7	26.2	21.6	11.5	16.2	4.5
Plastics and/or rubber	95.1	20.1	8.8	16.7	31.3	7.0	3.6	7.5	15.9
Primary metal products	169.1	24.3	29.6	40.7	25.2	20.4	13.3	15.6	9.5
Fabricated metal products	292.4	43.4	48.4	104.8	51.6	25.7	8.0	10.6	8.1
Machinery	406.6	83.0	91.7	124.4	52.0	36.9	10.6	8.0	5.5
Transportation equipment	420.0	87.5	73.0	147.7	49.0	37.2	13.0	12.6	6.0
Glass products	55.3	(S)	(S)	17.9	8.3	5.0	1.7	2.3	22.7
Miscellaneous products of manufacturing	299.1	41.6	39.1	78.8	74.3	51.4	7.1	6.8	9.3
Industrial water	30.6	15.6	4.5	5.2	2.4	1.5	1.0	.4	7.1
Scrap, refuse, or garbage	242.1	101.5	33.8	51.5	24.1	21.1	5.8	4.2	4.9
Hazardous waste	6.5	(S)	(S)	1.1	(S)	.5	(S)	2.1	21.6
Mixed cargoes	685.6	74.5	102.0	199.0	99.0	86.3	38.8	85.9	4.6
Craftsman's equipment	2 476.3	405.7	509.8	891.4	452.6	183.4	31.8	1.6	3.0
Personal transportation	29 289.6	7 740.5	7 538.0	10 628.5	2 665.4	653.0	49.2	15.0	.5
No load carried	3 792.1	815.7	805.1	1 333.4	531.0	272.3	29.4	5.3	2.4
Not in use	257.5	250.1	4.2	(S)	(Z)	(S)	(Z)	(Z)	9.7
Other	256.1	31.3	57.2	86.5	45.0	18.2	(S)	7.4	9.7
Not reported	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
HAZARDOUS MATERIALS CARRIED									
Hazardous materials carried	340.1	39.9	39.2	68.5	45.6	39.4	28.8	78.8	3.7
Less than 10 percent of time	114.2	4.9	7.6	19.7	11.6	13.9	11.9	44.5	3.6
10 to 25 percent of time	27.5	.5	1.9	(S)	2.9	3.1	1.6	7.1	27.5
26 to 49 percent of the time	17.9	2.5	4.1	2.7	1.2	2.0	1.8	3.5	12.0
50 to 74 percent of the time	24.7	2.1	4.1	4.6	4.0	2.3	2.3	5.4	8.4
75 to 100 percent of the time	94.4	15.4	13.4	24.5	12.0	9.4	7.6	12.1	4.3
No percent reported	61.4	14.6	8.0	6.5	13.9	8.7	3.6	6.1	13.0
Types of hazardous materials[2]:									
Flammable liquids	197.6	15.2	20.7	45.2	24.4	21.7	18.2	52.1	4.8
Combustible liquids	95.2	5.3	5.1	15.5	11.2	12.2	9.6	36.3	3.1
Corrosive liquids	70.0	2.3	5.5	10.0	8.3	8.5	5.8	29.6	5.0
Poison B solids	30.8	.9	1.5	4.1	3.5	3.1	1.8	16.0	5.0
Poison B liquids	29.2	.9	1.4	3.7	3.4	2.8	1.8	15.2	5.2
Flammable solids	28.7	.9	1.3	3.6	3.2	2.7	1.6	15.2	5.2
Oxidizers	28.0	.6	1.3	3.5	3.2	2.5	1.6	15.2	5.1
Flammable gas	26.2	.6	1.4	3.2	3.2	2.5	1.3	14.0	5.3
Nonflammable gas	26.1	.6	1.4	3.2	3.2	2.5	1.4	14.0	5.4
Poison A	20.7	.4	1.2	2.7	1.8	1.7	.8	12.0	6.0
Corrosive solids	21.4	.4	1.2	2.7	1.8	1.6	1.0	12.6	5.9
Explosives, A or B	4.6	(S)	(S)	.6	.3	.7	(S)	2.1	14.4
Blasting agents	1.4	(S)	(S)	.3	.2	(S)	(S)	.3	24.3
Radioactive materials	1.6	(Z)	(S)	.3	.2	(S)	(Z)	.4	26.7
ORM-A, B, or C	2.0	(S)	(S)	.3	.2	(S)	(S)	.6	23.4
ORM E	3.4	(Z)	(S)	.2	.2	(Z)	(S)	.8	47.3
Hazardous materials not listed	(S)	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(S)
Not reported	139.0	24.6	16.8	22.8	20.9	17.6	10.3	26.1	6.1
No hazardous materials carried	43 281.5	10 994.2	10 211.0	15 009.5	4 598.9	1 784.5	370.1	313.4	.1
Not reported	950.6	254.3	197.1	298.7	110.7	46.5	22.7	20.7	3.8
TRUCK FLEET SIZE[3]									
1	29 026.2	7 340.7	7 173.5	10 522.5	2 871.0	892.3	142.3	83.7	.5
2 to 5	11 094.4	3 174.1	2 520.0	3 520.4	1 249.6	493.1	90.8	46.5	1.3
6 to 19	2 397.2	522.6	437.7	717.6	330.5	258.0	72.4	58.4	2.5
20 or more	2 054.4	250.9	316.1	616.1	304.1	226.9	116.1	224.3	2.5

See footnotes at end of table.

Table 5. **Trucks by Annual Mileage Class: 1987**—Con.

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

Vehicular and operational characteristics	Total	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 estimate (percent) for total
MILES PER GALLON									
Less than 5	640.8	141.4	92.8	107.3	62.5	71.3	68.2	97.3	1.3
5 to 6.9	1 823.1	537.7	249.2	308.8	158.7	169.2	145.5	253.9	1.2
7 to 8.9	2 470.5	944.7	548.4	606.6	193.6	128.6	29.9	18.7	2.5
9 to 11.9	8 593.1	3 066.0	2 166.7	2 390.1	639.1	273.0	37.7	20.6	1.5
12 to 14.9	10 747.9	3 023.9	2 976.4	3 367.7	1 000.2	336.6	35.8	7.1	1.3
15 to 19.9	11 096.5	2 186.1	2 684.1	4 494.2	1 232.1	436.4	51.7	11.9	1.3
20 or more	9 032.2	1 224.3	1 726.6	4 100.9	1 469.0	455.2	52.9	(S)	1.5
Not reported	168.1	164.1	(S)	(S)	(Z)	(Z)	(Z)	(Z)	12.4
EQUIPMENT TYPE[4]									
Braking system	4 886.2	1 631.0	787.4	947.4	479.4	394.0	260.7	386.4	.5
Hydraulic	1 332.0	642.1	244.7	260.0	105.0	57.7	14.0	8.4	1.0
Hydraulic (power)	1 389.3	524.2	280.5	325.8	144.4	86.8	17.9	9.7	1.0
Air	1 695.2	282.5	172.8	268.3	183.4	220.9	215.6	351.6	.5
Not reported	469.8	182.2	89.3	93.3	46.5	28.5	13.2	16.7	4.6
Power steering[2]	20 530.8	3 085.0	4 851.2	8 636.8	2 771.7	1 045.5	105.2	35.4	.8
Air conditioning[2]	13 571.5	1 798.4	3 033.4	5 936.8	1 975.8	716.6	80.5	29.9	1.1
Engine retarder[2]	8.9	(S)	.2	.7	.5	.7	1.3	4.9	8.2
Reflective materials[2]	97.5	3.0	8.9	23.3	5.1	8.6	8.7	39.8	3.7
Electronic vehicle management system[2]	4.1	(S)	(S)	.6	(S)	.3	.4	2.3	12.8
Electronic vehicle identification device (transponder, etc.)[2]	1.5	(S)	(Z)	(S)	(Z)	(S)	.2	.7	21.8
Trip recorders[2]	3.0	(S)	(S)	(S)	(S)	.2	.5	1.2	17.1
Navigational systems[2]	.7	(S)	(Z)	(S)	(Z)	(Z)	(Z)	.2	39.8
FUEL CONSERVATION EQUIPMENT[2 4]									
Aerodynamic features	340.7	17.3	22.3	54.6	31.7	39.1	38.1	137.7	1.8
Axle or drive ratio	226.7	8.6	14.0	36.7	15.0	22.6	23.9	105.9	2.2
Fuel economy engine	191.6	5.3	10.3	29.2	10.2	16.3	22.1	98.1	2.3
Radial tires	26 069.1	4 352.2	6 174.7	10 753.5	3 360.5	1 234.6	127.1	66.6	.6
Road speed governor	43.1	2.4	1.3	4.9	2.6	3.6	5.3	22.9	4.2
Variable fan drives	39.4	1.6	.9	2.2	2.3	3.7	5.8	22.8	4.3
Other fuel conservation devices	20.7	(S)	(S)	.8	.6	1.5	2.9	13.5	6.0
MAINTENANCE[2]									
General maintenance:									
Owner	26 385.0	7 340.8	6 262.5	8 950.9	2 677.6	870.0	164.1	118.9	.6
Company's maintenance facilities	3 684.1	626.5	668.5	1 122.8	511.0	365.5	155.9	234.0	1.9
Dealership's service department	6 294.0	836.6	1 506.5	2 699.7	833.9	327.0	54.4	36.0	1.8
Leasing company	179.9	22.4	24.3	54.3	17.8	31.8	10.7	18.6	9.1
Independent garage	12 138.2	2 634.7	2 848.5	4 458.3	1 471.6	564.5	98.6	61.9	1.2
Component distributorship	396.4	58.6	79.9	151.4	58.5	28.8	6.3	12.8	8.1
No one	540.7	245.5	144.6	121.2	15.7	13.0	.3	.4	6.8
Other	166.5	50.4	44.2	40.3	19.3	3.9	(S)	4.1	12.4
Not reported	1 922.1	705.0	489.0	534.3	127.1	36.9	14.2	15.6	3.3
Major overhauls:									
Owner	6 591.6	2 174.5	1 543.6	1 935.4	624.3	215.4	51.8	46.7	1.8
Company's maintenance facilities	2 034.6	357.6	354.7	587.1	259.3	214.5	101.6	159.8	2.6
Dealership's service department	4 702.1	527.3	917.5	2 025.7	801.6	288.1	70.3	71.7	2.1
Leasing company	170.5	20.9	20.9	69.5	15.7	23.2	8.3	12.0	10.0
Independent garage	8 489.8	1 973.4	2 081.9	2 892.6	993.3	393.3	88.5	66.7	1.5
Component distributorship	868.3	125.8	182.0	330.4	105.9	56.2	26.9	41.1	5.0
No one	2 623.4	703.8	553.2	993.5	242.0	104.7	18.9	7.2	3.0
Other	209.1	46.5	58.4	64.8	25.2	7.1	(S)	3.3	12.1
Not reported	20 373.2	5 597.8	5 053.2	7 002.7	1 902.5	660.5	98.0	58.6	.8
ENGINE TYPE AND SIZE									
Engine	44 572.2	11 288.3	10 447.3	15 376.7	4 755.1	1 870.3	421.6	412.9	.1
Gasoline	41 768.3	10 944.4	10 134.2	14 664.5	4 326.6	1 513.7	152.5	32.3	.2
Diesel	2 733.0	311.4	303.3	695.9	421.3	352.2	268.5	380.4	1.8
LPG or other	45.3	(S)	6.5	14.3	7.1	(S)	(S)	(S)	20.8
Not reported	25.6	19.6	3.3	1.9	(S)	(S)	(S)	(Z)	14.4
Cylinders[5]	44 572.2	11 288.3	10 447.3	15 376.7	4 755.1	1 870.3	421.6	412.9	.1
4	7 744.0	1 150.6	1 628.0	3 486.2	1 130.1	303.7	39.9	(S)	1.7
6	10 527.3	1 994.2	2 362.2	3 890.2	1 236.9	601.4	163.0	279.4	1.2
8	22 521.5	6 132.2	5 792.7	7 388.1	2 197.9	842.9	128.0	39.7	.7
Other	17.8	(S)	(S)	3.9	.9	(S)	(S)	(S)	44.5
Not reported	3 761.6	2 007.4	656.6	606.1	189.3	121.5	90.6	90.1	2.1
Cubic inch displacement	44 546.6	11 268.7	10 444.0	15 374.7	4 754.9	1 870.2	421.1	412.9	.1
Gasoline engines	41 768.3	10 944.4	10 134.2	14 664.5	4 326.6	1 513.7	152.5	32.3	.2
Less than 200	10 542.7	1 520.7	2 181.8	4 747.3	1 592.5	443.6	52.9	(S)	1.4
200 to 299	4 975.5	1 653.9	1 242.1	1 510.1	370.0	192.0	6.8	(S)	2.0
300 to 349	10 342.5	2 365.8	2 565.8	3 816.4	1 147.7	398.8	36.9	11.1	1.3

See footnotes at end of table.

Table 5. **Trucks by Annual Mileage Class: 1987**—Con.

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

Vehicular and operational characteristics	Total	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 estimate (percent) for total
ENGINE TYPE AND SIZE—Con.									
Cubic inch displacement—Con.									
Gasoline engines—Con.									
350 to 399	11 765.4	3 673.4	3 146.6	3 589.8	939.6	367.6	34.4	13.9	1.2
400 or more	2 379.5	645.7	697.2	715.2	200.2	99.9	20.0	1.2	3.1
Not reported[6]	1 762.8	1 085.0	300.7	285.7	76.6	11.8	1.5	(S)	3.3
Diesel engines	2 733.0	311.4	303.3	695.9	421.3	352.2	268.5	380.4	1.8
Less than 400	789.6	103.9	108.8	295.9	152.6	75.3	35.0	18.1	4.6
400 to 599	633.0	67.5	72.9	191.2	118.0	101.7	48.2	33.4	4.3
600 to 799	365.2	36.6	36.9	73.2	55.8	61.6	48.0	53.1	1.5
800 or more	560.6	31.6	23.6	46.0	42.2	74.5	105.5	237.2	.9
Not reported[6]	384.8	71.8	61.1	89.7	52.7	39.1	31.7	38.6	5.1
Other engines	45.3	(S)	6.5	14.3	7.1	(S)	(S)	(S)	20.8
Less than 400	30.5	3.7	3.9	12.3	6.4	(S)	(Z)	(Z)	18.2
400 or more	4.0	.4	(S)	1.9	(S)	(S)	(S)	(S)	28.1
Not reported[6]	(S)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(S)
Horsepower	44 546.6	11 268.7	10 444.0	15 374.7	4 754.9	1 870.2	421.1	412.9	.1
Gasoline engines	41 768.3	10 944.4	10 134.2	14 664.5	4 326.6	1 513.7	152.5	32.3	.2
Less than 100	5 073.2	1 056.9	1 190.6	1 969.3	646.4	193.9	16.1	(Z)	2.1
100 to 199	30 201.3	7 232.3	7 453.0	11 049.4	3 197.6	1 132.7	109.8	26.5	.5
200 to 249	2 734.6	860.3	681.7	819.0	241.1	113.1	18.4	(S)	2.9
250 or more	469.3	212.5	116.0	105.9	22.9	9.1	2.4	(S)	5.4
Not reported[6]	3 289.8	1 582.5	693.0	720.8	218.7	65.0	5.8	4.2	2.6
Diesel engines	2 733.0	311.4	303.3	695.9	421.3	352.2	268.5	380.4	1.8
Less than 250	1 356.4	171.1	185.4	451.7	270.3	172.1	75.6	30.2	3.0
250 to 349	534.4	54.1	34.9	64.7	57.5	83.3	88.5	151.4	1.1
350 to 449	373.7	16.6	13.6	25.5	26.2	47.6	78.2	166.0	1.2
450 or more	11.2	.7	.6	1.1	.8	.9	2.2	4.9	7.0
Not reported[6]	457.3	68.9	68.8	152.9	66.5	48.3	24.0	27.9	5.9
Other engines	45.3	(S)	6.5	14.3	7.1	(S)	(S)	(S)	20.8
Less than 250	32.1	3.9	4.8	14.0	5.1	(S)	(S)	(Z)	17.1
250 or more	(S)	(S)	(S)	(S)	(S)	(S)	(Z)	(S)	(S)
Not reported[6]	(S)	(S)	(S)	(S)	(S)	(S)	(Z)	(Z)	(S)
TRUCK TYPE AND AXLE ARRANGEMENT									
Single-unit trucks	42 916.5	11 004.4	10 244.8	15 109.8	4 616.7	1 678.4	217.0	45.4	.1
2 axles	42 465.4	10 864.5	10 168.4	15 013.6	4 558.7	1 626.5	196.0	37.8	.1
3 axles	398.0	132.6	70.0	83.4	48.6	41.3	15.9	6.2	1.7
4 axles or more	53.1	7.3	6.4	12.8	9.4	10.6	5.1	1.4	4.1
Combinations	1 655.7	283.9	202.5	266.9	138.4	191.9	204.6	367.5	2.0
Single-unit truck with trailer	59.6	11.4	11.9	12.7	6.4	7.3	5.2	4.7	5.7
4 axles	29.0	6.1	6.6	7.3	3.6	3.1	1.0	1.4	9.4
5 axles or more	30.5	5.3	5.3	5.4	2.8	4.3	4.2	3.3	6.6
Single-unit truck with utility trailer	537.5	173.8	129.1	150.7	39.5	31.6	8.3	4.5	6.2
3 axles	232.2	72.7	69.1	59.0	19.8	9.8	(S)	(S)	10.7
4 axles	257.5	86.5	51.0	79.6	16.0	18.2	4.6	(S)	8.5
5 axles or more	47.8	14.6	9.0	12.1	3.7	3.6	2.8	2.1	8.0
Truck-tractor with single trailer	1 023.4	97.9	60.7	101.9	89.9	144.9	185.3	342.7	.6
3 axles	86.5	13.9	9.6	22.2	13.5	11.7	7.6	8.0	3.3
4 axles	230.8	36.7	19.6	30.1	22.9	37.0	34.9	49.6	1.7
5 axles or more	706.1	47.2	31.5	49.7	53.5	96.3	142.8	285.1	.8
Truck-tractor with double trailers	34.3	.6	.5	1.6	2.6	8.0	5.7	15.4	5.2
5 axles	26.7	.5	.3	1.3	2.1	5.2	4.0	13.3	6.0
6 axles	5.0	(S)	(S)	.1	(S)	2.3	.9	1.2	15.0
7 axles or more	2.7	(Z)	(S)	(S)	.2	.5	.8	.9	11.0
Truck-tractor with triple trailers	.5	(Z)	(Z)	(S)	(Z)	(S)	(Z)	.3	21.7
7 axles	.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.3	25.3
8 axles or more	.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	41.5
Trailer not specified	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
Powered axles	44 572.2	11 288.3	10 447.3	15 376.7	4 755.1	1 870.3	421.6	412.9	.1
1	34 550.3	9 161.2	8 149.0	11 829.6	3 668.6	1 400.8	231.2	109.9	.4
2	9 985.1	2 118.6	2 291.6	3 539.4	1 082.4	466.2	187.1	299.8	1.2
3 or more	36.7	8.3	6.7	7.7	4.1	3.3	3.3	3.2	8.3
Not reported	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
CAB TYPE[7]									
Cab forward of engine	84.6	31.0	17.3	16.2	9.4	5.1	2.9	2.7	4.7
Cab over engine	809.5	151.7	84.8	131.4	86.7	88.3	86.8	179.9	1.2
Conventional cab	3 455.0	1 254.5	589.6	673.8	325.0	265.5	158.4	188.2	.4
Cab beside engine	40.0	13.5	5.5	13.4	3.5	3.1	.7	(S)	8.0
Other	109.2	34.3	19.6	30.4	14.3	7.7	2.2	.7	4.6
Not reported	388.1	146.0	70.7	82.1	40.6	24.4	9.6	14.7	5.5

See footnotes at end of table.

Table 5. **Trucks by Annual Mileage Class: 1987**—Con.

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

Vehicular and operational characteristics	Total	Annual miles							Relative standard error of estimate (percent) for total
		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, UTILITIES, AND STATION WAGONS									
Total	39 686.0	9 657.3	9 659.9	14 429.3	4 275.8	1 476.3	160.9	26.5	.1
Pickups	27 662.6	7 340.4	6 882.5	9 620.0	2 741.7	943.4	119.5	15.0	.2
Mini-vans	1 713.8	174.4	331.4	831.6	311.0	61.8	(S)	(Z)	3.6
Panels or vans	5 173.7	1 084.4	1 259.5	1 896.6	613.3	285.9	23.3	10.8	1.7
Utilities	3 772.1	793.0	831.7	1 537.8	448.5	151.6	(S)	(S)	2.2
Station wagons	1 363.7	265.2	354.8	543.2	161.2	33.6	5.6	(Z)	4.2
Driving wheels	39 686.0	9 657.3	9 659.9	14 429.3	4 275.8	1 476.3	160.9	26.5	.1
4-wheel drive	8 778.1	1 922.8	2 174.2	3 378.8	965.6	309.1	21.0	6.5	1.4
2-wheel drive	30 907.9	7 734.5	7 485.7	11 050.4	3 310.2	1 167.2	139.9	19.9	.4
Front-wheel drive	1 215.3	121.1	231.8	593.8	190.1	74.2	(S)	(Z)	4.6
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Note: Some data cells may have high relative standard errors of estimate (RSE's). See appendix B for approximating the RSE's for the data cells. Some unpublished estimates can be derived from this table by subtracting published data from their respective totals. However, the figures obtained by such subtraction are subject to high sampling variability or poor response quality. These unpublished data are for internal use only. The U.S. data may vary from the sum of the State reports because of rounding.

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.

[2]Detail does not add to total because items were not applicable or multiple responses were possible.

[3]When no response was obtained, a fleet size of one truck was assumed.

[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.

[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.

[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.

[7]Pickups, panels, vans, and mini-vans are not included.

Table 6. Trucks by Range of Operation: 1987

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

Vehicular and operational characteristics	Total	Range of operation: Local	Short-range	Long-range	Off-the-road	Not reported	Relative standard error of estimate (percent) for total
Total trucks	**44 572.2**	**33 684.8**	**6 612.0**	**1 997.3**	**1 933.7**	**344.4**	
Relative standard error (percent)	.1	.4	1.8	3.2	3.1	8.5	
MAJOR USE							
Agriculture	3 536.9	2 507.6	420.3	88.7	520.2	(S)	2.1
Forestry and lumbering	282.2	177.0	66.1	8.8	30.1	(S)	7.4
Mining and quarrying	204.6	111.6	46.7	9.0	37.2	(Z)	7.1
Construction	4 478.5	3 446.6	794.6	86.2	150.5	(S)	2.1
Manufacturing	581.2	354.0	143.5	49.1	34.6	(Z)	5.3
Wholesale trade	969.5	597.8	308.0	54.3	9.5	(Z)	3.9
Retail trade	1 537.1	1 170.8	282.0	41.4	42.8	(Z)	3.4
For-hire transportation	796.1	280.8	216.4	289.7	8.8	.3	2.0
Utilities	472.4	368.0	89.3	7.8	7.3	(Z)	6.6
Services	1 980.8	1 550.6	286.6	59.2	84.3	(Z)	3.2
Daily rental	147.6	64.5	45.8	26.6	1.1	(S)	11.8
One way rental	33.8	(S)	1.9	.5	(Z)	29.7	8.7
Personal transportation	29 291.6	23 024.0	3 900.5	1 275.9	998.4	92.8	.5
Other	(S)	(S)	(S)	(Z)	(Z)	(Z)	(S)
Not in use	258.5	29.3	(S)	(S)	8.8	210.9	9.7
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
BODY TYPE							
Pickup	27 662.6	21 479.0	3 948.3	836.5	1 231.0	167.8	.2
Mini-van	1 713.8	1 354.6	219.6	85.2	43.0	(S)	3.6
Panel or van	5 173.7	3 854.9	809.7	370.7	110.7	27.8	1.7
Utility	3 772.1	2 969.8	497.0	106.9	168.2	30.2	2.2
Station wagon	1 363.7	999.9	217.2	107.7	38.3	(S)	4.2
Multistop or walk-in	484.0	308.1	106.7	45.0	7.3	17.0	4.3
Platform with added devices	253.6	176.2	38.9	5.5	30.6	2.5	2.7
Low boy or depressed center	93.8	56.6	21.3	9.8	5.0	1.1	3.1
Basic platform	1 261.2	807.5	207.9	101.7	115.4	28.8	1.1
Livestock truck	59.8	33.1	13.4	7.6	5.4	(S)	5.1
Insulated nonrefrigerated van	29.3	10.2	8.7	8.9	1.1	.4	6.2
Insulated refrigerated van	157.9	46.2	49.6	59.5	1.6	.9	2.8
Drop-frame van	65.8	25.9	13.2	22.7	.8	3.2	4.6
Open-top van	17.1	7.7	5.3	1.3	2.5	(S)	7.5
Basic enclosed van	669.9	265.2	190.1	178.8	8.5	27.2	1.4
Beverage	68.4	53.5	14.5	.1	(S)	(S)	5.0
Public utility	121.4	96.6	18.6	1.0	4.9	(S)	4.6
Winch or crane	51.4	34.4	8.9	1.3	5.8	1.1	6.0
Wrecker	116.0	95.8	11.4	(S)	4.8	3.4	5.8
Pole or logging	52.1	28.9	17.9	1.1	3.4	.8	4.1
Auto transport	20.4	4.6	6.6	8.3	(S)	(S)	7.0
Service truck	102.7	72.4	20.9	2.5	6.2	.7	4.8
Yard tractor	7.4	1.4	.2	(Z)	5.2	.6	10.7
Oilfield truck	25.1	12.3	5.1	.2	6.7	.9	9.1
Grain body	278.1	204.9	22.0	5.0	42.6	3.6	2.2
Garbage hauler	50.8	42.8	5.2	(S)	1.9	.8	4.7
Dump truck	581.6	435.4	70.2	7.5	59.4	9.2	1.7
Tank truck (liquids or gases)	213.0	133.1	45.5	14.7	17.4	2.3	2.4
Tank truck (dry bulk)	31.5	13.3	11.9	4.6	1.6	.2	5.9
Concrete mixer	56.4	51.8	1.5	(S)	2.7	(S)	4.2
Other	17.5	8.9	4.7	2.6	1.3	(S)	12.2
Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(S)
ANNUAL MILES							
Less than 5,000	11 288.3	8 701.8	1 013.0	288.8	985.2	299.6	1.2
5,000 to 9,999	10 447.3	8 325.9	1 288.6	408.8	408.3	15.7	1.3
10,000 to 19,999	15 376.7	12 093.4	2 346.7	537.9	377.4	21.3	1.0
20,000 to 29,999	4 755.1	3 320.3	1 066.2	255.6	107.5	5.6	2.2
30,000 to 49,999	1 870.3	1 058.5	625.8	142.6	41.6	1.8	3.4
50,000 to 74,999	421.6	145.2	167.4	97.0	(S)	(S)	4.9
75,000 or more	412.9	39.9	104.4	266.5	1.8	.3	1.9
BASE OF OPERATION							
Percentage of miles traveled outside base-of-operation State:							
Less than 25 percent	36 048.0	28 454.0	5 090.3	573.7	1 680.5	249.5	.4
25 to 49 percent	1 669.5	1 072.0	328.4	234.2	34.3	.5	3.5
50 to 74 percent	1 325.8	519.8	284.9	494.8	24.6	(S)	3.7
75 to 100 percent	1 595.7	683.5	307.8	543.4	59.5	1.6	3.3
Not reported	3 933.2	2 955.4	600.6	151.2	134.9	91.1	2.3
VEHICLE SIZE							
Light	40 947.3	31 559.6	5 882.9	1 521.2	1 683.8	299.8	.1
Medium	1 029.6	702.4	157.7	60.4	84.7	24.4	2.0
Light-heavy	766.1	545.8	118.5	18.6	72.7	10.5	1.5
Heavy-heavy	1 828.8	876.8	452.9	397.1	92.5	9.5	.5

See footnotes at end of table.

Table 6. **Trucks by Range of Operation: 1987**—Con.

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

Vehicular and operational characteristics	Total	Range of operation					Relative standard error of estimate (percent) for total
		Local	Short-range	Long-range	Off-the-road	Not reported	
AVERAGE WEIGHT (POUNDS)							
Less than 6,001	38 056.6	29 473.2	5 406.2	1 381.2	1 538.5	257.6	.2
6,001 to 10,000	2 890.6	2 086.4	476.7	140.0	145.3	42.2	2.4
10,001 to 14,000	524.9	353.0	78.7	45.8	38.8	8.6	3.4
14,001 to 16,000	242.0	169.2	39.1	6.6	19.9	7.2	3.2
16,001 to 19,500	262.7	180.2	39.9	8.0	26.0	8.6	3.1
19,501 to 26,000	766.1	545.8	118.5	18.6	72.7	10.5	1.5
26,001 to 33,000	376.9	261.6	69.7	14.1	28.5	3.0	1.9
33,001 to 40,000	208.5	132.7	42.5	15.3	16.8	1.2	2.2
40,001 to 50,000	292.2	177.3	59.2	32.0	21.7	2.1	1.6
50,001 to 60,000	187.9	93.2	42.4	42.5	9.1	.6	2.0
60,001 to 80,000	722.7	193.5	224.0	288.8	13.9	2.4	.8
80,001 to 100,000	28.2	13.1	10.7	2.6	1.7	(S)	4.2
100,001 to 130,000	7.8	3.2	2.6	1.5	.5	(Z)	7.2
130,001 or more	4.4	2.0	1.8	.3	(S)	(Z)	12.8
Not reported	.6	.4	(Z)	(Z)	(Z)	(S)	40.5
TOTAL LENGTH (FEET)							
Less than 13.0	3 607.8	2 849.8	460.7	115.2	171.1	11.0	2.5
13.0 to 15.9	11 615.3	9 211.2	1 616.5	311.2	392.3	84.1	1.2
16.0 to 19.9	25 180.1	19 221.1	3 682.8	1 001.2	1 106.4	168.6	.6
20.0 to 27.9	2 050.1	1 454.1	295.4	49.8	190.3	60.5	1.0
28.0 to 35.9	659.5	446.4	129.8	37.6	37.0	8.7	2.8
36.0 to 40.9	292.6	173.2	68.8	39.3	9.6	(S)	7.7
41.0 to 44.9	70.9	30.1	19.2	20.4	1.2	(S)	14.3
45.0 or more	1 095.6	298.8	339.0	422.5	25.8	9.5	1.4
Not reported	(S)	(S)	(Z)	(Z)	(Z)	(S)	(S)
YEAR MODEL							
1988	86.8	65.2	10.8	9.5	(S)	(Z)	14.2
1987	2 862.1	2 085.9	532.1	179.0	54.9	(S)	2.7
1986	4 729.2	3 527.9	819.0	250.2	129.1	3.0	2.2
1985	3 939.2	2 944.0	634.6	263.8	94.7	2.1	2.3
1984	3 398.7	2 499.2	580.1	214.9	97.8	6.7	2.5
1983	2 484.7	1 857.0	396.8	143.1	84.1	(S)	3.1
1982	2 102.9	1 529.2	399.5	94.4	76.1	(S)	3.5
1981	1 820.6	1 392.4	292.0	67.1	66.7	2.5	3.6
1980	1 800.0	1 394.1	253.4	92.9	55.8	3.9	3.4
1979	3 187.2	2 500.7	437.8	129.8	108.7	10.2	2.6
1978	2 898.9	2 215.3	424.7	126.1	114.7	18.2	2.7
Pre-1978	15 248.2	11 662.2	1 830.3	426.5	1 049.8	279.4	1.0
Not reported	(S)	(S)	(S)	(Z)	(S)	(S)	(S)
VEHICLE ACQUISITION							
Purchased new	21 087.4	15 751.6	3 411.2	1 126.6	706.8	91.3	.8
Purchased used	22 324.7	17 119.6	2 991.8	776.4	1 192.1	244.7	.7
Leased from someone else	749.6	501.8	143.2	82.2	21.9	(S)	5.6
Not reported	410.5	311.8	65.8	12.1	12.9	7.9	7.1
LEASE CHARACTERISTICS[1 2]							
Leased without driver	974.8	597.9	213.9	97.0	25.8	40.1	4.6
Leased with driver	123.2	61.0	22.0	28.3	(S)	(S)	9.2
Leased with owner-operator	264.4	144.0	60.6	56.5	2.7	.5	8.1
Not reported	82.5	70.1	7.3	3.7	1.1	(S)	17.6
Provisions of lease:							
Financing	489.3	361.1	91.0	26.2	10.9	(S)	6.9
Full maintenance	190.3	88.2	53.6	41.0	6.7	.8	7.1
Maintenance on specific parts	76.1	54.8	17.0	3.3	.9	(Z)	17.8
Payment of taxes	208.0	130.9	35.7	35.8	5.1	.5	9.1
Obtaining licenses and permits	231.2	98.5	58.6	67.9	5.6	.6	5.9
Record keeping for leased trucks	121.6	48.4	30.4	39.3	3.0	.5	6.7
Other	66.2	41.0	9.9	13.1	(S)	.6	18.1
OPERATOR CLASSIFICATION							
Not for hire	43 597.9	33 326.2	6 336.4	1 680.6	1 923.2	331.6	.1
Business use	13 703.5	9 897.9	2 332.7	386.2	916.8	170.0	1.0
Personal transportation	29 348.5	23 021.2	3 900.6	1 275.7	998.4	152.6	.5
Mixed-business use/personal transportation	545.9	407.0	103.1	18.8	8.0	(S)	7.1
For hire	793.4	276.4	216.2	289.1	8.9	2.7	1.9
Motor carrier	534.9	178.6	156.5	194.2	3.9	1.8	2.4
Owner/operator	257.0	97.3	59.4	94.7	4.9	.6	3.5
Independent	161.9	84.1	38.3	34.5	4.6	.4	5.2
Leased to a company	95.1	13.2	21.1	60.2	.4	.2	3.5
Not reported	1.5	.6	.3	.2	(Z)	.3	19.2
Daily rental	147.9	64.5	45.9	26.6	1.1	(S)	11.7
Mixed-not for hire/for hire	2.9	1.1	1.1	.6	(Z)	(Z)	19.1

See footnotes at end of table.

Table 6. **Trucks by Range of Operation: 1987**—Con.

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

Vehicular and operational characteristics	Total	Range of operation: Local	Short-range	Long-range	Off-the-road	Not reported	Relative standard error of estimate (percent) for total
OPERATOR CLASSIFICATION—Con.							
For-hire jurisdiction:							
Interstate	372.8	33.4	76.4	259.9	1.9	1.2	1.8
Intrastate	207.6	64.8	113.1	28.1	1.5	(S)	4.9
Local	211.6	177.9	26.6	1.1	5.5	.5	4.7
Not reported	1.4	.3	.1	(S)	(Z)	.9	20.3
Type of carrier (interstate only):							
Contract	78.0	4.7	15.9	56.7	(S)	.2	3.3
Common	261.1	26.4	51.4	181.9	.4	.9	2.3
Exempt	18.9	1.3	5.4	12.0	(S)	(Z)	7.9
Not reported	14.7	1.1	3.7	9.2	(S)	(Z)	11.4
PRODUCTS CARRIED							
Farm products	1 557.8	1 111.5	176.5	49.2	220.0	.6	2.8
Live animals	554.1	332.1	141.1	29.8	50.8	(S)	5.6
Mining products	52.8	28.5	15.1	2.2	7.0	(Z)	9.2
Logs and other forest products	158.8	102.8	37.1	6.8	12.0	(S)	5.5
Lumber and fabricated wood products	353.2	255.2	60.9	30.1	6.9	(Z)	7.1
Processed foods	629.5	403.5	152.0	64.7	9.2	(S)	3.9
Textile mill products	215.0	133.7	50.0	23.7	(S)	(Z)	9.9
Building materials	1 140.6	844.9	196.7	31.2	67.6	(S)	3.3
Household goods	138.6	63.4	18.5	23.5	(S)	30.5	6.0
Furniture or hardware	180.3	135.4	25.2	16.5	3.2	(Z)	8.7
Paper products	198.8	121.5	49.6	22.2	5.4	(S)	8.8
Chemicals	375.6	265.9	72.3	13.4	24.0	(Z)	7.3
Petroleum	242.9	164.7	58.8	10.3	9.1	(Z)	4.5
Plastics and/or rubber	95.1	64.8	20.1	9.0	1.2	(Z)	15.9
Primary metal products	169.1	95.2	38.6	29.1	6.1	(Z)	9.5
Fabricated metal products	292.4	203.1	60.0	20.0	9.4	(Z)	8.1
Machinery	406.6	280.4	94.1	20.9	11.0	(S)	5.5
Transportation equipment	420.0	283.8	88.7	27.2	20.4	(Z)	6.0
Glass products	55.3	35.5	15.8	3.3	(S)	(Z)	22.7
Miscellaneous products of manufacturing	299.1	167.4	101.0	21.4	7.1	(S)	9.3
Industrial water	30.6	18.0	3.5	.3	8.8	(Z)	7.1
Scrap, refuse, or garbage	242.1	197.4	21.2	3.5	19.8	(S)	4.9
Hazardous waste	6.5	2.9	1.4	2.1	(S)	(Z)	21.6
Mixed cargoes	685.6	401.8	165.7	101.1	15.7	1.4	4.6
Craftsman's equipment	2 476.3	1 911.3	425.3	43.9	95.8	(Z)	3.0
Personal transportation	29 289.6	23 021.6	3 900.5	1 276.2	998.5	92.9	.5
No load carried	3 792.1	2 831.7	566.1	98.3	283.9	(S)	2.4
Not in use	257.5	35.2	(S)	(S)	9.6	203.3	9.7
Other	256.1	171.4	46.9	17.4	20.3	(Z)	9.7
Not reported	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(S)
HAZARDOUS MATERIALS CARRIED							
Hazardous materials carried	340.1	168.6	87.3	72.5	11.2	(S)	3.7
Less than 10 percent of time	114.2	42.0	24.5	45.8	1.8	(Z)	3.6
10 to 25 percent of time	27.5	(S)	6.3	6.9	(Z)	(Z)	27.5
26 to 49 percent of the time	17.9	10.4	4.2	3.0	(S)	(Z)	12.0
50 to 74 percent of the time	24.7	13.1	7.5	3.4	.7	(Z)	8.4
75 to 100 percent of the time	94.4	60.1	22.1	8.3	3.8	(S)	4.3
No percent reported	61.4	28.7	22.7	5.2	(S)	(S)	13.0
Types of hazardous materials[2]:							
Flammable liquids	197.6	96.9	49.4	46.5	4.8	(S)	4.8
Combustible liquids	95.2	35.4	26.1	31.5	2.2	(Z)	3.1
Corrosive liquids	70.0	20.5	19.9	28.6	.9	(Z)	5.0
Poison B solids	30.8	10.0	4.6	15.9	(S)	(Z)	5.0
Poison B liquids	29.2	9.5	4.2	15.2	(S)	(Z)	5.2
Flammable solids	28.7	8.9	4.3	15.2	(S)	(Z)	5.2
Oxidizers	28.0	8.4	3.9	15.4	(S)	(Z)	5.1
Flammable gas	26.2	8.2	3.5	14.2	(S)	(Z)	5.3
Nonflammable gas	26.1	8.1	3.5	14.2	(S)	(Z)	5.4
Poison A	20.7	5.6	2.8	12.0	(S)	(Z)	6.0
Corrosive solids	21.4	5.5	3.0	12.6	(S)	(Z)	5.9
Explosives, A or B	4.6	1.4	(S)	2.6	(S)	(Z)	14.4
Blasting agents	1.4	.7	(S)	.4	(S)	(Z)	24.3
Radioactive materials	1.6	.6	(S)	.4	(S)	(Z)	26.7
ORM-A, B, or C	2.0	.7	(S)	.8	(S)	(Z)	23.4
ORM E	3.4	(S)	(S)	.9	(S)	(Z)	47.3
Hazardous materials not listed	(S)	(S)	(Z)	(Z)	(S)	(Z)	(S)
Not reported	139.0	69.5	37.3	25.5	6.4	(S)	6.1
No hazardous materials carried	43 281.5	32 903.4	6 367.5	1 886.7	1 857.0	267.0	.1
Not reported	950.6	612.8	157.3	38.0	65.5	77.0	3.8
TRUCK FLEET SIZE[3]							
1	29 026.2	22 417.4	4 073.2	1 248.5	1 084.9	202.2	.5
2 to 5	11 094.4	8 392.5	1 628.5	401.0	593.6	78.8	1.3
6 to 19	2 397.2	1 673.6	438.0	101.3	159.6	24.7	2.5
20 or more	2 054.4	1 201.3	472.3	246.5	95.5	38.8	2.5

See footnotes at end of table.

Table 6. **Trucks by Range of Operation: 1987**—Con.

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

Vehicular and operational characteristics	Total	Range of operation: Local	Short-range	Long-range	Off-the-road	Not reported	Relative standard error of estimate (percent) for total
MILES PER GALLON							
Less than 5	640.8	355.2	132.7	110.4	41.2	1.2	1.3
5 to 6.9	1 823.1	1 014.7	381.0	290.1	122.5	14.8	1.2
7 to 8.9	2 470.5	1 805.0	366.4	127.9	155.3	15.9	2.5
9 to 11.9	8 593.1	6 523.4	1 149.4	336.0	509.8	74.6	1.5
12 to 14.9	10 747.9	8 369.3	1 481.5	379.3	471.6	46.1	1.3
15 to 19.9	11 096.5	8 510.7	1 742.0	413.6	407.0	23.1	1.3
20 or more	9 032.2	7 091.0	1 351.6	339.3	223.5	26.8	1.5
Not reported	168.1	(S)	(S)	(S)	2.7	141.8	12.4
EQUIPMENT TYPE[4]							
Braking system	4 886.2	3 026.6	920.2	490.3	342.7	106.5	.5
Hydraulic	1 332.0	944.0	175.3	31.1	135.9	45.7	1.0
Hydraulic (power)	1 389.3	1 006.6	230.0	44.2	90.4	18.0	1.0
Air	1 695.2	791.3	433.5	369.1	86.3	15.0	.5
Not reported	469.8	284.7	81.4	45.9	30.0	27.9	4.6
Power steering[2]	20 530.8	15 509.9	3 350.1	1 035.8	605.8	29.1	.8
Air conditioning[2]	13 571.5	10 075.7	2 288.2	848.2	338.2	21.2	1.1
Engine retarder[2]	8.9	1.5	1.8	5.0	.5	(Z)	8.2
Reflective materials[2]	97.5	14.1	18.1	42.7	.6	21.9	3.7
Electronic vehicle management system[2]	4.1	.6	.6	2.7	(S)	(Z)	12.8
Electronic vehicle identification device (transponder, etc.)[2]	1.5	(S)	.2	.8	(S)	(Z)	21.8
Trip recorders[2]	3.0	.6	1.0	1.2	(S)	(Z)	17.1
Navigational systems[2]	.7	(S)	(Z)	.2	(S)	(Z)	39.8
FUEL CONSERVATION EQUIPMENT[2 4]							
Aerodynamic features	340.7	74.9	83.2	149.1	2.7	30.7	1.8
Axle or drive ratio	226.7	41.0	54.1	108.0	1.5	22.2	2.2
Fuel economy engine	191.6	26.8	44.0	97.5	1.2	22.1	2.3
Radial tires	26 069.1	19 933.6	4 089.9	1 197.8	786.3	61.4	.6
Road speed governor	43.1	9.8	9.4	22.9	.8	(S)	4.2
Variable fan drives	39.4	6.8	8.8	23.1	.6	(Z)	4.3
Other fuel conservation devices	20.7	2.9	3.5	14.0	(S)	(Z)	6.0
MAINTENANCE[2]							
General maintenance:							
Owner	26 385.0	20 235.7	3 722.2	1 068.7	1 213.3	145.1	.6
Company's maintenance facilities	3 684.1	2 380.8	749.4	274.0	225.2	54.7	1.9
Dealership's service department	6 294.0	4 715.8	1 031.0	357.8	184.7	4.7	1.8
Leasing company	179.9	103.4	43.0	27.4	5.9	(S)	9.1
Independent garage	12 138.2	9 396.2	1 716.1	534.8	453.9	37.3	1.2
Component distributorship	396.4	272.8	69.3	29.5	24.5	.3	8.1
No one	540.7	379.1	64.9	31.8	34.7	30.2	6.8
Other	166.5	132.1	16.9	8.4	8.9	(S)	12.4
Not reported	1 922.1	1 431.6	221.5	79.4	105.1	84.4	3.3
Major overhauls:							
Owner	6 591.6	5 029.9	893.2	237.9	351.5	79.0	1.8
Company's maintenance facilities	2 034.6	1 278.1	402.4	183.6	124.4	46.1	2.6
Dealership's service department	4 702.1	3 541.5	768.2	261.1	125.4	5.9	2.1
Leasing company	170.5	106.9	43.6	16.5	3.3	(S)	10.0
Independent garage	8 489.8	6 563.5	1 221.7	358.3	316.8	29.3	1.5
Component distributorship	868.3	623.8	129.8	82.1	32.0	.5	5.0
No one	2 623.4	2 105.0	318.2	79.7	95.5	25.0	3.0
Other	209.1	158.4	35.3	8.1	7.0	(S)	12.1
Not reported	20 373.2	15 348.5	3 022.7	894.6	943.8	163.5	.8
ENGINE TYPE AND SIZE							
Engine	44 572.2	33 684.8	6 612.0	1 997.3	1 933.7	344.4	.1
Gasoline	41 768.3	32 190.9	5 897.9	1 531.3	1 824.2	323.9	.2
Diesel	2 733.0	1 440.8	705.8	465.4	104.0	17.1	1.8
LPG or other	45.3	36.3	6.1	(S)	2.6	(S)	20.8
Not reported	25.6	16.8	(S)	(S)	3.0	3.3	14.4
Cylinders[5]	44 572.2	33 684.8	6 612.0	1 997.3	1 933.7	344.4	.1
4	7 744.0	6 198.2	1 074.9	214.8	214.9	41.2	1.7
6	10 527.3	7 961.7	1 567.5	558.8	386.0	53.3	1.2
8	22 521.5	16 800.1	3 530.7	1 051.9	1 000.7	138.3	.7
Other	17.8	7.0	3.2	(Z)	(S)	(Z)	44.5
Not reported	3 761.6	2 717.8	435.8	171.8	324.6	111.6	2.1
Cubic inch displacement	44 546.6	33 668.0	6 609.7	1 997.1	1 930.7	341.1	.1
Gasoline engines	41 768.3	32 190.9	5 897.9	1 531.3	1 824.2	323.9	.2
Less than 200	10 542.7	8 403.3	1 489.2	322.0	272.4	55.8	1.4
200 to 299	4 975.5	3 997.1	581.9	110.8	246.8	38.8	2.0
300 to 349	10 342.5	7 869.6	1 591.4	408.5	422.5	50.5	1.3

See footnotes at end of table.

Table 6. **Trucks by Range of Operation: 1987**—Con.

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

Vehicular and operational characteristics	Total	Range of operation: Local	Short-range	Long-range	Off-the-road	Not reported	Relative standard error of estimate (percent) for total
ENGINE TYPE AND SIZE—Con.							
Cubic inch displacement—Con.							
Gasoline engines—Con.							
350 to 399	11 765.4	8 934.2	1 705.6	468.2	585.7	71.7	1.2
400 or more	2 379.5	1 666.2	396.6	177.9	118.0	20.8	3.1
Not reported[6]	1 762.8	1 320.6	133.2	43.9	178.7	86.4	3.3
Diesel engines	2 733.0	1 440.8	705.8	465.4	104.0	17.1	1.8
Less than 400	789.6	512.9	183.0	58.1	31.9	3.7	4.6
400 to 599	633.0	375.4	163.1	66.0	26.9	1.5	4.3
600 to 799	365.2	199.2	106.3	42.6	15.3	1.8	1.5
800 or more	560.6	133.6	162.6	248.3	12.8	3.3	.9
Not reported[6]	384.8	219.7	90.7	50.4	17.1	6.8	5.1
Other engines	45.3	36.3	6.1	(S)	2.6	(S)	20.8
Less than 400	30.5	22.9	5.5	(S)	(S)	(Z)	18.2
400 or more	4.0	3.3	.5	(Z)	(S)	(Z)	28.1
Not reported[6]	(S)	(S)	(S)	(Z)	(S)	(Z)	(S)
Horsepower	44 546.6	33 668.0	6 609.7	1 997.1	1 930.7	341.1	.1
Gasoline engines	41 768.3	32 190.9	5 897.9	1 531.3	1 824.2	323.9	.2
Less than 100	5 073.2	4 034.6	677.4	139.0	174.5	47.8	2.1
100 to 199	30 201.3	23 361.5	4 386.5	1 057.6	1 252.9	142.8	.5
200 to 249	2 734.6	1 942.6	422.6	202.6	129.3	37.6	2.9
250 or more	469.3	348.6	45.6	17.5	46.4	(S)	5.4
Not reported[6]	3 289.8	2 503.7	365.8	114.6	221.2	84.5	2.6
Diesel engines	2 733.0	1 440.8	705.8	465.4	104.0	17.1	1.8
Less than 250	1 356.4	880.0	324.4	88.7	58.5	4.8	3.0
250 to 349	534.4	194.5	162.8	154.7	18.9	3.6	1.1
350 to 449	373.7	77.6	111.5	175.3	7.5	1.8	1.2
450 or more	11.2	3.0	3.6	4.2	.3	(S)	7.0
Not reported[6]	457.3	285.8	103.4	42.5	18.8	6.8	5.9
Other engines	45.3	36.3	6.1	(S)	2.6	(S)	20.8
Less than 250	32.1	24.1	5.8	(S)	(S)	(Z)	17.1
250 or more	(S)	(S)	(S)	(Z)	(S)	(Z)	(S)
Not reported[6]	(S)	(S)	(S)	(Z)	(S)	(Z)	(S)
TRUCK TYPE AND AXLE ARRANGEMENT							
Single-unit trucks	42 916.5	33 067.7	6 139.0	1 489.4	1 888.4	332.1	.1
2 axles	42 465.4	32 732.5	6 082.9	1 482.1	1 840.7	327.3	.1
3 axles	398.0	293.0	48.9	6.7	44.7	4.7	1.7
4 axles or more	53.1	42.2	7.2	.6	3.1	(S)	4.1
Combinations	1 655.7	617.1	473.1	507.9	45.2	12.3	2.0
Single-unit truck with trailer	59.6	34.1	15.9	7.2	1.5	.8	5.7
4 axles	29.0	18.1	7.4	2.5	.6	(S)	9.4
5 axles or more	30.5	15.9	8.6	4.8	.9	(S)	6.6
Single-unit truck with utility trailer	537.5	280.6	119.2	116.8	18.6	2.3	6.2
3 axles	232.2	128.4	50.7	43.1	8.5	(S)	10.7
4 axles	257.5	121.8	57.0	70.4	7.9	.4	8.5
5 axles or more	47.8	30.3	11.5	(S)	2.3	.4	8.0
Truck-tractor with single trailer	1 023.4	298.3	326.7	364.9	24.7	8.9	.6
3 axles	86.5	47.5	25.5	10.3	2.1	1.2	3.3
4 axles	230.8	86.4	75.4	56.6	9.3	3.1	1.7
5 axles or more	706.1	164.4	225.8	298.1	13.3	4.6	.8
Truck-tractor with double trailers	34.3	3.8	11.2	18.7	.4	(S)	5.2
5 axles	26.7	2.7	8.1	15.4	(S)	(S)	6.0
6 axles	5.0	.4	1.8	2.7	(Z)	(Z)	15.0
7 axles or more	2.7	.7	1.3	.6	(S)	(Z)	11.0
Truck-tractor with triple trailers	.5	(Z)	.1	.3	(Z)	(Z)	21.7
7 axles	.4	(Z)	(S)	.3	(Z)	(Z)	25.3
8 axles or more	.1	(Z)	(Z)	(Z)	(Z)	(Z)	41.5
Trailer not specified	(S)	(S)	(Z)	(Z)	(Z)	(S)	(S)
Powered axles	44 572.2	33 684.8	6 612.0	1 997.3	1 933.7	344.4	.1
1	34 550.3	26 339.5	5 104.1	1 407.3	1 410.9	288.5	.4
2	9 985.1	7 323.1	1 503.7	586.2	518.6	53.4	1.2
3 or more	36.7	22.1	4.2	3.8	4.1	2.4	8.3
Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(S)
CAB TYPE[7]							
Cab forward of engine	84.6	54.9	15.1	5.0	8.3	1.3	4.7
Cab over engine	809.5	350.7	194.5	226.8	27.2	10.3	1.2
Conventional cab	3 455.0	2 290.5	608.7	208.4	275.1	72.2	.4
Cab beside engine	40.0	28.0	6.5	1.2	3.9	.5	8.0
Other	109.2	70.7	23.9	5.6	6.6	2.3	4.6
Not reported	388.1	231.8	71.6	43.3	21.5	19.9	5.5

See footnotes at end of table.

Table 6. **Trucks by Range of Operation: 1987**—Con.

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

Vehicular and operational characteristics	Total	Range of operation					Relative standard error of estimate (percent) for total
		Local	Short-range	Long-range	Off-the-road	Not reported	
PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS							
Total	39 686.0	30 658.3	5 691.8	1 507.0	1 591.0	237.9	.1
Pickups	27 662.6	21 479.0	3 948.3	836.5	1 231.0	167.8	.2
Mini-vans	1 713.8	1 354.6	219.6	85.2	43.0	(S)	3.6
Panels or vans	5 173.7	3 854.9	809.7	370.7	110.7	27.8	1.7
Utilities	3 772.1	2 969.8	497.0	106.9	168.2	30.2	2.2
Station wagons	1 363.7	999.9	217.2	107.7	38.3	(S)	4.2
Driving wheels	39 686.0	30 658.3	5 691.8	1 507.0	1 591.0	237.9	.1
4-wheel drive	8 778.1	6 799.8	1 202.5	280.4	452.9	42.5	1.4
2-wheel drive	30 907.9	23 858.5	4 489.4	1 226.6	1 138.1	195.3	.4
Front-wheel drive	1 215.3	879.1	215.2	52.0	60.2	(S)	4.6
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Note: Some data cells may have high relative standard errors of estimate (RSE's). See appendix B for approximating the RSE's for the data cells. Some unpublished estimates can be derived from this table by subtracting published data from their respective totals. However, the figures obtained by such subtraction are subject to high sampling variability or poor response quality. These unpublished data are for internal use only. The U.S. data may vary from the sum of the State reports because of rounding.

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.

[2]Detail does not add to total because items were not applicable or multiple responses were possible.

[3]When no response was obtained, a fleet size of one truck was assumed.

[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.

[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.

[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.

[7]Pickups, panels, vans, and mini-vans are not included.

Table 7. Trucks by Truck Type and Axle Arrangement: 1987

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

	Vehicular and operational characteristics	Total	Truck type and axle arrangement						
			Single-unit trucks				Combinations		
								Single-unit truck with trailer	
			Total	2 axles	3 axles	4 axles or more	Total	4 axles	5 axles or more
1	**Total trucks**	**44 572.2**	**42 916.5**	**42 465.4**	**398.0**	**53.1**	**1 655.7**	**29.0**	**30.5**
2	Relative standard error (percent)	.1	.1	.1	1.7	4.1	2.0	9.4	6.6
	MAJOR USE								
3	Agriculture	3 536.9	3 334.2	3 227.1	102.4	4.6	202.8	4.5	5.7
4	Forestry and lumbering	282.2	231.8	217.1	12.6	2.1	50.4	.8	2.8
5	Mining and quarrying	204.6	176.6	155.4	18.5	2.7	28.0	(S)	1.2
6	Construction	4 478.5	4 265.3	4 102.7	137.4	25.2	213.2	8.0	9.3
7	Manufacturing	581.2	483.1	464.2	16.9	2.1	98.1	1.7	1.2
8	Wholesale trade	969.5	867.7	848.9	18.0	.8	101.8	1.5	1.8
9	Retail trade	1 537.1	1 480.5	1 465.0	13.7	1.9	56.6	1.9	1.6
10	For-hire transportation	796.1	264.2	226.2	27.5	10.5	531.9	3.0	4.9
11	Utilities	472.4	438.5	429.2	9.1	(S)	34.0	3.2	.6
12	Services	1 980.8	1 910.7	1 875.6	33.2	1.9	70.0	2.6	.5
13	Daily rental	147.6	123.7	120.9	2.4	(S)	23.9	(S)	(S)
14	One way rental	33.8	33.2	33.1	(S)	(Z)	.7	(Z)	(Z)
15	Personal transportation	29 291.6	29 059.9	29 058.5	.7	(S)	231.7	(S)	(S)
16	Other	(S)	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)
17	Not in use	258.5	245.9	240.4	5.4	(S)	12.6	(S)	(S)
18	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	BODY TYPE								
19	Pickup	27 662.6	27 362.0	27 362.0	(Z)	(Z)	300.6	(Z)	(Z)
20	Mini-van	1 713.8	1 713.0	1 713.0	(Z)	(Z)	(S)	(Z)	(Z)
21	Panel or van	5 173.7	5 152.8	5 152.8	(Z)	(Z)	20.9	(Z)	(Z)
22	Utility	3 772.1	3 760.5	3 760.5	(Z)	(Z)	11.6	(Z)	(Z)
23	Station wagon	1 363.7	1 341.4	1 341.4	(Z)	(Z)	22.3	(Z)	(Z)
24	Multistop or walk-in	484.0	477.4	472.1	5.3	(Z)	6.7	(S)	(S)
25	Platform with added devices	253.6	231.0	195.4	31.8	3.8	22.6	.9	.6
26	Low boy or depressed center	93.8	4.8	3.9	.8	(S)	89.0	2.1	2.8
27	Basic platform	1 261.2	970.2	912.1	55.0	3.0	291.0	12.3	7.1
28	Livestock truck	59.8	37.1	35.1	1.9	(S)	22.6	1.6	(S)
29	Insulated nonrefrigerated van	29.3	13.2	12.3	.9	(Z)	16.1	(Z)	(S)
30	Insulated refrigerated van	157.9	68.6	61.8	6.6	(S)	89.2	(S)	(S)
31	Drop-frame van	65.8	28.3	27.7	.5	(S)	37.5	(S)	.1
32	Open-top van	17.1	8.8	6.8	2.0	(Z)	8.3	(Z)	.3
33	Basic enclosed van	669.9	315.8	307.0	8.8	(Z)	354.1	1.1	2.1
34	Beverage	68.4	52.5	51.5	(S)	(S)	16.0	(S)	(Z)
35	Public utility	121.4	102.3	96.5	5.6	(S)	19.1	1.8	.4
36	Winch or crane	51.4	45.3	31.6	12.9	.8	6.1	(S)	(S)
37	Wrecker	116.0	112.9	107.4	5.0	(S)	3.1	(S)	(S)
38	Pole or logging	52.1	21.9	14.3	6.4	1.2	30.2	.6	2.4
39	Auto transport	20.4	5.7	5.6	(S)	(Z)	14.6	(Z)	(S)
40	Service truck	102.7	100.0	97.9	1.9	(S)	2.7	(Z)	(S)
41	Yard tractor	7.4	1.4	1.2	.2	(Z)	6.0	(Z)	(Z)
42	Oilfield truck	25.1	20.3	14.4	5.4	.4	4.9	(Z)	(S)
43	Grain body	278.1	244.7	199.4	43.1	2.2	33.4	(S)	1.3
44	Garbage hauler	50.8	49.1	22.2	25.9	1.0	1.6	(Z)	(S)
45	Dump truck	581.6	457.3	316.2	116.1	25.0	124.3	3.1	7.6
46	Tank truck (liquids or gases)	213.0	143.9	123.5	19.4	1.0	69.1	(S)	1.7
47	Tank truck (dry bulk)	31.5	13.3	9.5	3.4	.4	18.2	(Z)	.3
48	Concrete mixer	56.4	54.3	4.0	38.3	12.0	2.1	(S)	(Z)
49	Other	17.5	6.5	6.1	.4	(Z)	11.0	2.0	.7
50	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)
	ANNUAL MILES								
51	Less than 5,000	11 288.3	11 004.4	10 864.5	132.6	7.3	283.9	6.1	5.3
52	5,000 to 9,999	10 447.3	10 244.8	10 168.4	70.0	6.4	202.5	6.6	5.3
53	10,000 to 19,999	15 376.7	15 109.8	15 013.6	83.4	12.8	266.9	7.3	5.4
54	20,000 to 29,999	4 755.1	4 616.7	4 558.7	48.6	9.4	138.4	3.6	2.8
55	30,000 to 49,999	1 870.3	1 678.4	1 626.5	41.3	10.6	191.9	3.1	4.3
56	50,000 to 74,999	421.6	217.0	196.0	15.9	5.1	204.6	1.0	4.2
57	75,000 or more	412.9	45.4	37.8	6.2	1.4	367.5	1.4	3.3
	RANGE OF OPERATION								
58	Local	33 684.8	33 067.7	32 732.5	293.0	42.2	617.1	18.1	15.9
59	Short-range	6 612.0	6 139.0	6 082.9	48.9	7.2	473.1	7.4	8.6
60	Long-range	1 997.3	1 489.4	1 482.1	6.7	.6	507.9	2.5	4.8
61	Off-the-road	1 933.7	1 888.4	1 840.7	44.7	3.1	45.2	.6	.9
62	Not reported	344.4	332.1	327.3	4.7	(S)	12.3	(S)	(S)

See footnotes at end of table.

Truck type and axle arrangement—Con.													
Combinations—Con.													
Single-unit truck with utility trailer			Truck-tractor with single trailer			Truck-tractor with double trailers			Truck-tractor with triple trailers			Relative standard error of estimate (percent) for total	
3 axles	4 axles	5 axles or more	3 axles	4 axles	5 axles or more	5 axles	6 axles	7 axles or more	7 axles	8 axles or more	Trailer not specified		
232.2	**257.5**	**47.8**	**86.5**	**230.8**	**706.1**	**26.7**	**5.0**	**2.7**	**.4**	**.1**	**(S)**		1
10.7	8.5	8.0	3.3	1.7	.8	6.0	15.0	11.0	25.3	41.5	(S)		2
41.0	56.3	4.9	5.8	23.4	58.6	1.5	.4	.3	(Z)	(Z)	(S)	2.1	3
4.6	1.3	2.8	1.4	8.2	28.3	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	7.4	4
.4	4.4	.9	.4	3.9	16.2	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	7.1	5
25.8	45.4	23.4	4.6	25.0	70.4	.7	(S)	.6	(Z)	(Z)	(Z)	2.1	6
2.1	1.4	.9	7.8	25.7	55.9	.8	.6	(S)	(Z)	(Z)	(Z)	5.3	7
2.0	(S)	.5	18.6	22.1	53.2	.5	.1	.2	(Z)	(Z)	(Z)	3.9	8
6.1	6.0	.8	4.9	10.3	24.6	.5	(Z)	(Z)	(Z)	(Z)	(Z)	3.4	9
.5	1.4	4.1	34.1	93.9	362.6	21.8	3.8	1.4	.3	(S)	(Z)	2.0	10
13.4	9.8	2.3	(S)	1.2	3.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.6	11
20.7	17.3	(S)	5.3	7.8	12.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.2	12
(Z)	(S)	(Z)	.8	6.0	15.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	11.8	13
(Z)	(Z)	(Z)	(Z)	.3	.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	8.7	14
114.2	111.7	(S)	.8	(S)	.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.5	15
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	16
(S)	(S)	.4	1.4	2.9	4.6	(S)	(Z)	(Z)	(Z)	(Z)	(S)	9.7	17
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	18
162.2	132.0	6.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.2	19
(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.6	20
13.3	7.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.7	21
5.3	6.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.2	22
(S)	20.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.2	23
(S)	2.4	(Z)	.3	1.0	.9	.1	(Z)	(Z)	(Z)	(Z)	(Z)	4.3	24
2.9	4.9	1.9	.9	2.4	8.0	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	2.7	25
1.9	5.5	3.5	4.1	20.9	47.8	.1	(S)	(S)	(Z)	(S)	(Z)	3.1	26
17.3	44.1	11.0	10.7	41.3	143.0	2.9	.7	.5	(Z)	(Z)	(Z)	1.1	27
(S)	4.7	.5	.8	3.0	11.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.1	28
(S)	(Z)	.2	.7	3.0	11.9	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	6.2	29
(S)	(Z)	(S)	5.4	10.6	72.0	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	2.8	30
(S)	(Z)	(Z)	5.5	14.8	14.2	1.6	(S)	.1	(Z)	(Z)	(Z)	4.6	31
(Z)	(S)	(Z)	.2	1.0	6.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	7.5	32
1.5	1.3	.8	38.7	87.2	201.0	16.5	3.4	.2	.3	(Z)	(Z)	1.4	33
(S)	(S)	(Z)	11.1	3.5	.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	5.0	34
10.7	4.2	1.1	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.6	35
.9	.5	.8	(Z)	.6	1.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.0	36
(S)	(S)	(S)	(S)	(S)	.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.8	37
.5	.5	2.4	.9	4.8	18.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.1	38
(S)	(S)	(S)	(S)	3.1	10.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	7.0	39
(S)	1.3	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.8	40
(S)	(S)	(Z)	.8	3.0	2.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	10.7	41
(S)	(S)	(S)	(S)	.6	2.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	9.1	42
.5	1.0	.5	1.2	5.0	21.9	1.3	.4	.3	(Z)	(Z)	(Z)	2.2	43
(Z)	(Z)	(Z)	(S)	(S)	1.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.7	44
7.0	16.8	15.6	1.1	11.6	58.6	1.7	(S)	.9	(Z)	(Z)	(Z)	1.7	45
.5	.4	1.1	1.4	7.4	55.1	.9	(Z)	(S)	(Z)	(Z)	(Z)	2.4	46
(Z)	(S)	(S)	(S)	1.6	14.7	.9	(S)	.3	(Z)	(Z)	(Z)	5.9	47
(Z)	(S)	1.1	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.2	48
(S)	(S)	(S)	.5	3.6	2.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	12.2	49
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	50
72.7	86.5	14.6	13.9	36.7	47.2	.5	(S)	(Z)	(Z)	(Z)	(S)	1.2	51
69.1	51.0	9.0	9.6	19.6	31.5	.3	(S)	(S)	(Z)	(Z)	(S)	1.3	52
59.0	79.6	12.1	22.2	30.1	49.7	1.3	.1	(S)	(Z)	(Z)	(Z)	1.0	53
19.8	16.0	3.7	13.5	22.9	53.5	2.1	(S)	.2	(Z)	(Z)	(Z)	2.2	54
9.8	18.2	3.6	11.7	37.0	96.3	5.2	2.3	.5	(Z)	(Z)	(Z)	3.4	55
(S)	4.6	2.8	7.6	34.9	142.8	4.0	.9	.8	(Z)	(Z)	(Z)	4.9	56
(S)	(S)	2.1	8.0	49.6	285.1	13.3	1.2	.9	.3	(Z)	(Z)	1.9	57
128.4	121.8	30.3	47.5	86.4	164.4	2.7	.4	.7	(Z)	(Z)	(S)	.4	58
50.7	57.0	11.5	25.5	75.4	225.8	8.1	1.8	1.3	(S)	(Z)	(Z)	1.8	59
43.1	70.4	(S)	10.3	56.6	298.1	15.4	2.7	.6	.3	(Z)	(Z)	3.2	60
8.5	7.9	2.3	2.1	9.3	13.3	(S)	(Z)	(S)	(Z)	(Z)	(Z)	3.1	61
(S)	.4	.4	1.2	3.1	4.6	(S)	(Z)	(Z)	(Z)	(Z)	(S)	8.5	62

Table 7. **Trucks by Truck Type and Axle Arrangement: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Truck type and axle arrangement						
			Single-unit trucks				Combinations		
								Single-unit truck with trailer	
			Total	2 axles	3 axles	4 axles or more	Total	4 axles	5 axles or more
	BASE OF OPERATION								
	Percentage of miles traveled outside base-of-operation State:								
1	Less than 25 percent	36 048.0	35 090.6	34 691.3	351.9	47.4	957.4	24.1	24.1
2	25 to 49 percent	1 669.5	1 554.9	1 544.6	8.7	1.6	114.6	2.4	1.5
3	50 to 74 percent	1 325.8	1 140.0	1 132.4	6.8	.7	185.8	.7	.6
4	75 to 100 percent	1 595.7	1 316.8	1 308.0	8.0	.8	279.0	(S)	2.1
5	Not reported	3 933.2	3 814.4	3 789.1	22.6	2.6	118.9	1.0	2.3
	VEHICLE SIZE								
6	Light	40 947.3	40 587.7	40 576.8	9.5	1.4	359.6	2.1	1.0
7	Medium	1 029.6	923.9	903.2	19.8	.9	105.7	7.1	2.0
8	Light-heavy	766.1	680.7	643.7	35.5	1.5	85.4	7.0	3.1
9	Heavy-heavy	1 828.8	724.0	341.5	333.1	49.4	1 104.8	12.8	24.5
	AVERAGE WEIGHT (POUNDS)								
10	Less than 6,001	38 056.6	37 826.1	37 821.3	(S)	(S)	230.5	(S)	(S)
11	6,001 to 10,000	2 890.6	2 761.5	2 755.4	5.3	.9	129.1	1.9	(S)
12	10,001 to 14,000	524.9	470.1	463.6	6.4	(S)	54.8	2.4	(S)
13	14,001 to 16,000	242.0	216.0	210.6	4.9	(S)	26.0	2.8	(S)
14	16,001 to 19,500	262.7	237.8	229.0	8.5	(S)	24.9	2.0	.6
15	19,501 to 26,000	766.1	680.7	643.7	35.5	1.5	85.4	7.0	3.1
16	26,001 to 33,000	376.9	296.2	258.7	36.7	.9	80.7	4.8	2.8
17	33,001 to 40,000	208.5	118.1	47.6	69.0	1.6	90.4	2.6	2.0
18	40,001 to 50,000	292.2	169.6	21.9	143.1	4.6	122.6	1.5	2.0
19	50,001 to 60,000	187.9	75.8	8.0	53.7	14.1	112.1	1.3	2.1
20	60,001 to 80,000	722.7	59.9	3.5	28.6	27.8	662.7	2.5	13.3
21	80,001 to 100,000	28.2	3.2	1.0	1.8	.3	25.0	(S)	1.5
22	100,001 to 130,000	7.8	.5	(S)	(S)	(S)	7.3	(Z)	.4
23	130,001 or more	4.4	(S)	(S)	(Z)	(Z)	4.0	(Z)	.4
24	Not reported	.6	.5	.4	(S)	(Z)	(S)	(Z)	(Z)
	TOTAL LENGTH (FEET)								
25	Less than 13.0	3 607.8	3 607.6	3 606.9	.6	(S)	(S)	(Z)	(Z)
26	13.0 to 15.9	11 615.3	11 614.7	11 611.9	2.0	.8	.6	(S)	(S)
27	16.0 to 19.9	25 180.1	25 178.5	25 156.7	18.9	2.9	1.7	(Z)	(Z)
28	20.0 to 27.9	2 050.1	1 998.9	1 785.9	193.1	19.9	51.2	.7	(S)
29	28.0 to 35.9	659.5	491.9	294.4	173.9	23.5	167.6	5.6	2.5
30	36.0 to 40.9	292.6	20.5	7.3	7.8	5.4	272.0	4.1	4.1
31	41.0 to 44.9	70.9	1.9	1.1	.6	(S)	69.0	1.6	1.7
32	45.0 or more	1 095.6	2.3	.8	1.1	(S)	1 093.3	16.9	21.1
33	Not reported	(S)	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)
	YEAR MODEL								
34	1988	86.8	85.3	84.9	(S)	(S)	1.6	(Z)	(Z)
35	1987	2 862.1	2 769.0	2 753.7	11.5	3.8	93.2	.8	.6
36	1986	4 729.2	4 623.2	4 606.5	13.7	3.0	106.0	2.7	1.2
37	1985	3 939.2	3 811.8	3 791.2	16.2	4.4	127.4	(S)	2.2
38	1984	3 398.7	3 262.2	3 247.3	12.5	2.4	136.5	1.3	.9
39	1983	2 484.7	2 424.7	2 416.6	7.5	.7	60.0	2.5	.4
40	1982	2 102.9	2 010.5	2 000.4	8.6	1.5	92.4	1.5	.7
41	1981	1 820.6	1 731.0	1 714.6	15.0	1.4	89.6	2.1	1.7
42	1980	1 800.0	1 706.4	1 683.9	19.5	3.0	93.6	1.3	2.3
43	1979	3 187.2	3 051.2	3 011.5	34.1	5.6	136.1	2.5	2.0
44	1978	2 898.9	2 778.5	2 745.0	28.2	5.3	120.3	1.2	1.4
45	Pre-1978	15 248.2	14 649.6	14 397.5	230.4	21.7	598.6	12.0	17.1
46	Not reported	(S)	(S)	(S)	(S)	(S)	(S)	(Z)	(Z)
	VEHICLE ACQUISITION								
47	Purchased new	21 087.4	20 353.9	20 175.7	151.7	26.5	733.5	14.5	11.5
48	Purchased used	22 324.7	21 514.7	21 256.4	233.7	24.6	810.0	13.0	18.4
49	Leased from someone else	749.6	653.6	644.3	8.0	1.2	96.0	1.0	.5
50	Not reported	410.5	394.4	389.0	4.6	.8	16.2	.5	.2

See footnotes at end of table.

Truck type and axle arrangement—Con.													
Combinations—Con.													
Single-unit truck with utility trailer			Truck-tractor with single trailer			Truck-tractor with double trailers			Truck-tractor with triple trailers			Relative standard error of estimate (percent) for total	
3 axles	4 axles	5 axles or more	3 axles	4 axles	5 axles or more	5 axles	6 axles	7 axles or more	7 axles	8 axles or more	Trailer not specified		
166.2	168.5	40.3	68.4	139.7	311.4	10.7	1.9	1.7	.1	(S)	(S)	.4	1
5.6	17.6	.6	2.8	17.0	65.2	1.3	.1	.4	(Z)	(Z)	(Z)	3.5	2
20.7	39.7	.7	4.2	24.4	92.4	1.9	.3	.2	(Z)	(Z)	(Z)	3.7	3
19.3	23.1	(S)	5.0	27.9	186.3	8.2	2.3	.3	.3	(Z)	(Z)	3.3	4
20.3	8.5	2.8	6.1	21.8	50.8	4.6	(S)	.1	(Z)	(Z)	(S)	2.3	5
194.6	153.7	4.8	.7	1.9	.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.1	6
17.0	58.5	7.6	4.4	5.7	3.1	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	2.0	7
11.0	21.7	8.4	9.9	15.1	9.1	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	1.5	8
9.7	23.5	27.0	71.5	208.0	693.2	26.6	4.9	2.7	.4	.1	(Z)	.5	9
122.8	103.3	(S)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.2	10
71.8	50.4	1.8	.7	1.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.4	11
7.0	38.3	1.0	2.3	1.7	.6	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	3.4	12
5.0	12.1	2.3	.7	1.6	1.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.2	13
4.9	8.2	4.3	1.4	2.4	1.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.1	14
11.0	21.7	8.4	9.9	15.1	9.1	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	1.5	15
5.1	11.4	6.4	17.3	19.1	13.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	1.9	16
2.2	5.6	3.2	21.6	33.3	19.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	2.2	17
1.5	1.8	4.2	17.4	45.1	48.2	.9	(S)	(Z)	(Z)	(Z)	(Z)	1.6	18
.6	1.8	3.1	5.8	29.0	65.2	3.0	(S)	(S)	(Z)	(Z)	(Z)	2.0	19
(S)	2.7	8.9	9.0	78.4	521.4	21.8	4.2	.4	(Z)	(Z)	(Z)	.8	20
(S)	.2	.9	.4	2.6	18.2	.2	.4	.4	(Z)	(Z)	(Z)	4.2	21
(Z)	(S)	.2	(Z)	.3	5.3	(S)	(S)	.6	.3	(S)	(Z)	7.2	22
(Z)	(Z)	(S)	(Z)	(S)	2.0	(Z)	(Z)	1.2	(Z)	(Z)	(Z)	12.8	23
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	40.5	24
(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.5	25
(S)	(Z)	(S)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.2	26
.7	.5	(S)	(Z)	(S)	.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.6	27
28.5	17.4	1.9	.1	(S)	.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.0	28
55.9	69.3	12.9	9.1	6.0	6.1	.3	(Z)	(Z)	(Z)	(Z)	(Z)	2.8	29
108.9	100.1	10.8	15.8	9.9	17.8	(S)	(Z)	(S)	(Z)	(Z)	(S)	7.7	30
9.5	32.8	3.1	6.0	6.0	8.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	14.3	31
28.6	37.3	18.8	55.5	207.9	672.9	26.3	5.0	2.6	.4	.1	(Z)	1.4	32
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	33
(Z)	(Z)	(Z)	(Z)	.2	1.2	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	14.2	34
13.8	17.1	.9	4.8	10.1	42.7	2.0	(S)	.2	.1	(Z)	(Z)	2.7	35
10.8	12.7	3.4	5.1	11.3	54.9	3.7	(S)	.1	(Z)	(Z)	(Z)	2.2	36
7.0	16.8	(S)	6.7	17.6	67.4	3.3	1.0	.2	.1	(Z)	(Z)	2.3	37
29.3	16.2	.7	6.6	15.9	60.8	4.0	(S)	.3	.1	(Z)	(Z)	2.5	38
3.9	7.5	(S)	4.2	7.8	29.7	.5	(S)	.1	(Z)	(Z)	(Z)	3.1	39
21.8	20.8	(S)	4.6	7.6	32.7	1.3	(S)	.1	(Z)	(Z)	(Z)	3.5	40
11.4	9.9	1.2	4.5	12.9	44.3	1.2	(S)	.2	(Z)	(Z)	(Z)	3.6	41
7.5	7.6	2.3	5.7	13.4	51.4	.7	1.2	.3	(Z)	(Z)	(Z)	3.4	42
15.4	20.1	3.0	6.9	20.2	63.7	1.5	.2	.4	(Z)	(Z)	(Z)	2.6	43
17.5	19.4	2.9	6.9	18.2	52.0	.6	(S)	(S)	(Z)	(Z)	(Z)	2.7	44
93.8	109.3	25.4	30.4	95.8	204.9	7.8	.9	.6	(Z)	(S)	(S)	1.0	45
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	46
95.0	100.2	17.0	50.7	100.4	318.9	19.8	3.7	1.3	.4	(S)	(Z)	.8	47
133.7	152.9	29.6	32.4	116.4	304.7	6.2	1.1	1.2	(Z)	(Z)	(S)	.7	48
1.4	3.9	.5	2.7	10.7	74.4	.5	(S)	.2	(Z)	(Z)	(Z)	5.6	49
(S)	(S)	(S)	.7	3.3	8.1	(S)	(Z)	(Z)	(Z)	(Z)	(S)	7.1	50

Table 7. **Trucks by Truck Type and Axle Arrangement: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Truck type and axle arrangement						
			Single-unit trucks				Combinations		
								Single-unit truck with trailer	
			Total	2 axles	3 axles	4 axles or more	Total	4 axles	5 axles or more
	LEASE CHARACTERISTICS[1 2]								
1	Leased without driver	974.8	842.9	822.5	16.8	3.6	131.9	2.4	2.1
2	Leased with driver	123.2	75.9	65.6	7.9	2.3	47.3	(S)	.8
3	Leased with owner-operator	264.4	190.7	183.8	5.1	1.9	73.6	(S)	.4
4	Not reported	82.5	78.3	77.0	1.1	(S)	4.3	(S)	(S)
	Provisions of lease:								
5	Financing	489.3	448.9	441.9	6.3	.8	40.3	(S)	.6
6	Full maintenance	190.3	121.5	115.5	4.3	1.7	68.8	(S)	.7
7	Maintenance on specific parts	76.1	70.9	69.7	.9	(S)	5.2	(Z)	(Z)
8	Payment of taxes	208.0	151.9	147.3	3.4	1.2	56.1	(S)	(S)
9	Obtaining licenses and permits	231.2	129.3	123.1	4.7	1.5	101.9	1.9	.7
10	Record keeping for leased trucks	121.6	61.9	58.1	2.7	1.1	59.7	(S)	(S)
11	Other	66.2	52.8	50.5	1.7	.7	13.4	(S)	(S)
	OPERATOR CLASSIFICATION								
12	Not for hire	43 597.9	42 502.0	42 092.7	367.0	42.3	1 096.0	25.4	25.4
13	Business use	13 703.5	12 843.8	12 436.2	366.0	41.7	859.7	24.6	24.9
14	Personal transportation	29 348.5	29 116.8	29 115.2	.9	(S)	231.8	(S)	(S)
15	Mixed-business use/personal transportation	545.9	541.3	541.2	(S)	(Z)	4.5	(S)	(S)
16	For hire	793.4	260.4	222.1	27.9	10.3	533.0	3.0	4.9
17	Motor carrier	534.9	160.6	144.3	12.0	4.3	374.3	1.6	2.6
18	Owner/operator	257.0	99.3	77.4	15.9	6.1	157.7	1.4	2.3
19	Independent	161.9	88.0	68.8	14.4	4.8	73.9	(S)	1.7
20	Leased to a company	95.1	11.3	8.6	1.5	1.3	83.7	(S)	.6
21	Not reported	1.5	.4	.3	(S)	(Z)	1.1	(Z)	(Z)
22	Daily rental	147.9	123.8	120.9	2.4	(S)	24.1	(S)	(S)
23	Mixed-not for hire/for hire	2.9	.6	(S)	(S)	(Z)	2.3	(Z)	(Z)
	For-hire jurisdiction:								
24	Interstate	372.8	36.1	32.6	2.6	.9	336.7	1.4	1.7
25	Intrastate	207.6	80.9	67.9	9.1	3.8	126.8	(S)	1.8
26	Local	211.6	143.1	121.3	16.1	5.7	68.5	(S)	1.4
27	Not reported	1.4	.4	.2	(S)	(Z)	1.1	(Z)	(Z)
	Type of carrier (interstate only):								
28	Contract	78.0	4.5	3.6	.6	(S)	73.6	(S)	.6
29	Common	261.1	25.5	24.0	1.1	.4	235.6	(S)	.5
30	Exempt	18.9	2.6	(S)	.7	(S)	16.3	(S)	.6
31	Not reported	14.7	3.5	3.3	.2	(Z)	11.2	(S)	(Z)
	PRODUCTS CARRIED								
32	Farm products	1 557.8	1 424.3	1 328.6	91.3	4.5	133.5	(S)	3.1
33	Live animals	554.1	480.3	474.8	5.2	(S)	73.9	2.2	2.0
34	Mining products	52.8	34.4	23.6	7.3	3.6	18.4	(S)	.3
35	Logs and other forest products	158.8	104.3	92.6	9.8	1.9	54.5	.6	2.9
36	Lumber and fabricated wood products	353.2	309.4	303.6	5.5	(S)	43.8	3.0	1.7
37	Processed foods	629.5	491.1	480.9	8.9	1.2	138.5	1.3	.7
38	Textile mill products	215.0	200.5	200.3	(S)	(Z)	14.5	(Z)	(S)
39	Building materials	1 140.6	976.3	797.3	144.7	34.3	164.3	3.6	7.9
40	Household goods	138.6	110.0	109.5	.5	(Z)	28.6	(S)	(Z)
41	Furniture or hardware	180.3	161.5	161.1	.4	(Z)	18.9	(S)	(S)
42	Paper products	198.8	167.9	167.0	.8	(S)	30.9	(Z)	(Z)
43	Chemicals	375.6	340.2	333.4	6.5	(S)	35.4	(S)	(Z)
44	Petroleum	242.9	198.2	183.6	13.2	1.4	44.7	(S)	1.6
45	Plastics and/or rubber	95.1	78.5	77.7	.9	(Z)	16.5	(S)	(S)
46	Primary metal products	169.1	122.2	118.2	3.8	(S)	46.9	.9	.7
47	Fabricated metal products	292.4	259.0	255.8	3.2	(Z)	33.5	.9	(S)
48	Machinery	406.6	303.8	295.9	7.6	.3	102.9	4.2	2.5
49	Transportation equipment	420.0	363.3	357.5	5.5	(S)	56.7	2.0	1.6
50	Glass products	55.3	50.4	50.4	(Z)	(Z)	4.9	(S)	(S)
51	Miscellaneous products of manufacturing	299.1	281.4	279.1	2.3	(Z)	17.7	(S)	(S)
52	Industrial water	30.6	26.2	19.0	6.9	.3	4.4	(S)	(S)
53	Scrap, refuse, or garbage	242.1	220.3	178.3	40.1	1.9	21.7	(S)	.5
54	Hazardous waste	6.5	2.7	(S)	(S)	(S)	3.8	(Z)	(S)
55	Mixed cargoes	685.6	485.1	482.3	2.8	(S)	200.5	.7	.4
56	Craftsman's equipment	2 476.3	2 431.1	2 421.3	9.5	(S)	45.2	2.7	(S)
57	Personal transportation	29 289.6	29 057.9	29 056.5	.7	(S)	231.7	(S)	(S)
58	No load carried	3 792.1	3 743.8	3 728.7	14.0	1.1	48.3	1.4	.5
59	Not in use	257.5	245.2	239.8	5.2	(S)	12.4	(S)	(S)
60	Other	256.1	247.2	246.2	1.0	(Z)	8.9	(Z)	.1
61	Not reported	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)

See footnotes at end of table.

Truck type and axle arrangement—Con.													
Combinations—Con.													
Single-unit truck with utility trailer			Truck-tractor with single trailer			Truck-tractor with double trailers			Truck-tractor with triple trailers			Relative standard error of estimate (percent) for total	
3 axles	4 axles	5 axles or more	3 axles	4 axles	5 axles or more	5 axles	6 axles	7 axles or more	7 axles	8 axles or more	Trailer not specified		
2.7	2.3	.8	6.6	24.8	89.0	.9	.1	.2	(Z)	(Z)	(Z)	4.6	1
.2	(S)	.3	.4	5.9	37.5	(S)	(S)	.3	(Z)	(Z)	(Z)	9.2	2
(S)	(S)	.4	.8	9.1	58.2	(S)	(S)	(S)	(Z)	(Z)	(Z)	8.1	3
(Z)	(Z)	(S)	.2	.8	2.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	17.6	4
1.2	(S)	.3	2.6	5.6	27.2	(S)	(Z)	.1	(Z)	(Z)	(Z)	6.9	5
(S)	.5	.3	2.9	13.1	49.1	.7	(Z)	(S)	(Z)	(Z)	(Z)	7.1	6
(Z)	(Z)	(Z)	(S)	.7	4.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	17.8	7
(S)	(S)	(S)	1.6	9.5	41.3	.8	(Z)	.1	(Z)	(Z)	(Z)	9.1	8
(S)	.6	.3	2.8	16.3	77.9	.7	(S)	.2	(Z)	(Z)	(Z)	5.9	9
(S)	.4	.1	1.4	10.0	45.0	.7	(Z)	(Z)	(Z)	(Z)	(Z)	6.7	10
(Z)	(S)	(Z)	(S)	1.7	10.4	(S)	(Z)	(S)	(Z)	(Z)	(Z)	18.1	11
231.7	255.7	43.6	50.9	130.4	325.5	4.6	1.2	1.3	(Z)	.1	(S)	.1	12
116.1	141.5	40.1	49.9	130.0	325.1	4.6	1.2	1.3	(Z)	.1	(S)	1.0	13
114.2	111.7	(S)	1.0	(S)	.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.5	14
(S)	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	7.1	15
.5	1.4	4.2	34.8	93.6	363.1	22.0	3.8	1.4	.3	(S)	(Z)	1.9	16
(S)	.7	1.9	31.5	70.2	240.8	20.2	3.4	.9	.3	(S)	(Z)	2.4	17
(S)	.7	2.2	3.2	23.3	121.6	1.8	.4	.4	(S)	(Z)	(Z)	3.5	18
(S)	.7	1.8	2.3	13.0	51.5	1.1	(S)	.3	(Z)	(Z)	(Z)	5.2	19
(S)	(S)	.4	.9	10.3	70.1	.7	(S)	.2	(S)	(Z)	(Z)	3.5	20
(Z)	(Z)	(S)	(S)	.1	.7	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	19.2	21
(Z)	(S)	(Z)	.8	6.3	15.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	11.7	22
(Z)	(Z)	(Z)	(Z)	.5	1.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	19.1	23
(S)	.5	1.2	13.4	49.4	248.4	16.4	3.2	.6	.3	(Z)	(Z)	1.8	24
(Z)	.5	2.0	6.9	24.6	84.3	4.5	.5	.8	(S)	(Z)	(Z)	4.9	25
.4	.5	1.1	14.4	19.3	29.7	1.0	(S)	(Z)	(Z)	(Z)	(Z)	4.7	26
(Z)	(Z)	(Z)	(S)	(S)	.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	20.3	27
(Z)	(S)	.4	.8	9.4	60.9	.9	(S)	(Z)	(Z)	(Z)	(Z)	3.3	28
(Z)	.3	.6	12.2	35.8	166.0	15.4	3.1	.5	.3	(Z)	(Z)	2.3	29
(Z)	(Z)	(Z)	(Z)	2.3	13.2	.1	(Z)	(Z)	(Z)	(Z)	(Z)	7.9	30
(Z)	(Z)	(S)	.4	2.0	8.4	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	11.4	31
(S)	13.3	2.9	4.2	18.3	72.0	3.1	.6	.5	(Z)	(Z)	(Z)	2.8	32
13.9	30.0	(S)	1.2	5.0	18.2	(S)	(Z)	(Z)	(Z)	(Z)	(S)	5.6	33
(Z)	(S)	.4	(S)	1.8	13.6	(S)	(Z)	.1	(Z)	(Z)	(Z)	9.2	34
6.9	1.4	3.9	1.6	6.8	30.1	(S)	(Z)	.1	(Z)	(Z)	(Z)	5.5	35
1.1	2.0	.9	1.7	10.2	22.7	(S)	(Z)	.1	(Z)	(Z)	(Z)	7.1	36
(S)	.5	.6	19.1	22.4	88.8	1.1	(S)	.1	(Z)	(Z)	(Z)	3.9	37
(Z)	(S)	(Z)	1.4	3.6	8.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	9.9	38
15.8	20.5	18.9	1.7	15.2	77.0	2.4	(S)	.9	(Z)	(Z)	(Z)	3.3	39
(S)	(S)	(Z)	2.3	11.6	13.9	.1	(Z)	(Z)	(Z)	(Z)	(Z)	6.0	40
.7	(S)	(Z)	3.7	6.2	7.8	(S)	(S)	(Z)	(Z)	(Z)	(Z)	8.7	41
(S)	(S)	(S)	1.9	6.4	20.8	.4	.3	(S)	(Z)	(Z)	(Z)	8.8	42
3.0	.6	.2	1.4	4.6	24.4	.6	(S)	.1	(Z)	(Z)	(Z)	7.3	43
2.4	.5	.8	.8	4.2	33.8	(S)	(Z)	(S)	(Z)	(Z)	(Z)	4.5	44
(S)	(S)	(S)	.6	2.7	10.1	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	15.9	45
(S)	1.5	.4	.6	5.5	36.9	(S)	(Z)	(S)	(Z)	(Z)	(Z)	9.5	46
1.8	(S)	.6	1.5	6.1	19.0	(S)	(Z)	(S)	(Z)	(Z)	(Z)	8.1	47
6.2	17.2	5.6	5.3	19.0	42.7	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	5.5	48
(S)	7.3	.7	3.6	11.3	25.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.0	49
(S)	(Z)	(Z)	(S)	.8	2.9	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	22.7	50
(S)	(S)	(Z)	.8	4.3	8.5	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	9.3	51
(Z)	(S)	(S)	(S)	.8	2.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	7.1	52
(S)	4.5	1.1	.9	1.7	9.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.9	53
(S)	(Z)	(S)	(Z)	.5	2.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	21.6	54
.6	(S)	.4	28.0	52.1	94.0	17.4	3.1	.3	.3	(Z)	(Z)	4.6	55
17.8	16.5	2.1	.5	1.2	3.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.0	56
114.2	111.7	(S)	.8	(S)	.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.5	57
16.6	14.8	(S)	.9	4.4	6.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.4	58
(S)	(S)	.4	1.3	2.8	4.5	(S)	(Z)	(Z)	(Z)	(Z)	(S)	9.7	59
(S)	(S)	(Z)	.3	1.0	4.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	9.7	60
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	61

Table 7. **Trucks by Truck Type and Axle Arrangement: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Truck type and axle arrangement						
			Single-unit trucks				Combinations		
								Single-unit truck with trailer	
			Total	2 axles	3 axles	4 axles or more	Total	4 axles	5 axles or more
	HAZARDOUS MATERIALS CARRIED								
1	Hazardous materials carried	340.1	173.3	163.9	8.9	.5	166.7	(S)	1.6
2	Less than 10 percent of time	114.2	26.1	24.7	1.4	(Z)	88.1	(S)	.3
3	10 to 25 percent of time	27.5	(S)	(S)	.3	(Z)	15.6	(S)	(S)
4	26 to 49 percent of the time	17.9	9.4	7.9	1.4	(S)	8.5	(Z)	.4
5	50 to 74 percent of the time	24.7	12.6	12.0	.5	(Z)	12.1	(Z)	(S)
6	75 to 100 percent of the time	94.4	67.3	62.5	4.6	(S)	27.2	(S)	.4
7	No percent reported	61.4	46.1	45.2	.8	(S)	15.2	(Z)	(Z)
	Types of hazardous materials[2]:								
8	Flammable liquids	197.6	83.0	78.3	4.4	.3	114.6	(S)	1.0
9	Combustible liquids	95.2	22.2	19.7	2.4	(S)	73.0	(S)	.8
10	Corrosive liquids	70.0	13.2	12.1	1.0	.1	56.8	(S)	(S)
11	Poison B solids	30.8	2.4	2.2	(S)	(Z)	28.4	(Z)	(S)
12	Poison B liquids	29.2	2.3	2.3	(Z)	(Z)	26.9	(Z)	(Z)
13	Flammable solids	28.7	2.3	2.3	(Z)	(Z)	26.4	(Z)	(S)
14	Oxidizers	28.0	1.7	1.7	(Z)	(Z)	26.2	(Z)	(Z)
15	Flammable gas	26.2	1.9	1.8	(Z)	(Z)	24.3	(Z)	(Z)
16	Nonflammable gas	26.1	1.8	1.8	(Z)	(Z)	24.3	(Z)	(Z)
17	Poison A	20.7	1.1	1.1	(Z)	(Z)	19.6	(Z)	(Z)
18	Corrosive solids	21.4	1.1	1.1	(Z)	(Z)	20.3	(Z)	(S)
19	Explosives, A or B	4.6	.9	(S)	(Z)	(Z)	3.7	(Z)	(Z)
20	Blasting agents	1.4	(S)	(S)	(Z)	(Z)	1.0	(Z)	(Z)
21	Radioactive materials	1.6	(S)	(S)	(Z)	(Z)	.9	(Z)	(Z)
22	ORM-A, B, or C	2.0	(S)	(S)	(Z)	(Z)	1.3	(Z)	(Z)
23	ORM E	3.4	(S)	(S)	(Z)	(Z)	1.5	(Z)	(S)
24	Hazardous materials not listed	(S)	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)
25	Not reported	139.0	87.9	83.2	4.5	(S)	51.1	(S)	(S)
26	No hazardous materials carried	43 281.5	41 869.7	41 445.6	373.5	50.6	1 411.9	26.3	27.0
27	Not reported	950.6	873.5	856.0	15.6	2.0	77.1	1.8	2.0
	TRUCK FLEET SIZE[3]								
28	1	29 026.2	28 538.2	28 468.2	63.4	6.5	488.0	7.3	6.1
29	2 to 5	11 094.4	10 761.5	10 620.9	128.0	12.7	332.9	9.8	9.7
30	6 to 19	2 397.2	2 113.3	1 984.6	113.7	15.1	283.8	6.5	7.6
31	20 or more	2 054.4	1 503.5	1 391.7	92.9	18.9	550.9	5.5	7.1
	MILES PER GALLON								
32	Less than 5	640.8	299.9	167.5	111.8	20.6	340.8	3.9	9.6
33	5 to 6.9	1 823.1	1 068.7	845.2	197.1	26.4	754.4	10.4	15.3
34	7 to 8.9	2 470.5	2 296.1	2 234.5	58.5	3.2	174.5	6.9	2.7
35	9 to 11.9	8 593.1	8 382.9	8 357.1	23.7	2.1	210.3	6.0	2.4
36	12 to 14.9	10 747.9	10 647.3	10 645.9	1.1	(S)	100.5	(S)	(S)
37	15 to 19.9	11 096.5	11 048.8	11 047.9	.4	(S)	47.8	(S)	(S)
38	20 or more	9 032.2	9 010.9	9 008.4	(S)	(Z)	21.4	(Z)	(Z)
39	Not reported	168.1	162.0	158.9	3.0	(Z)	6.1	(S)	(S)
	EQUIPMENT TYPE[4]								
40	Braking system	4 886.2	3 586.7	3 135.6	398.0	53.1	1 299.6	29.0	30.5
41	Hydraulic	1 332.0	1 250.0	1 209.3	37.6	3.2	82.0	8.3	2.7
42	Hydraulic (power)	1 389.3	1 281.2	1 233.8	45.4	2.0	108.1	10.4	5.2
43	Air	1 695.2	652.4	312.6	293.6	46.2	1 042.7	9.0	21.5
44	Not reported	469.8	403.0	379.9	21.5	1.7	66.8	1.4	1.1
45	Power steering[2]	20 530.8	20 288.6	20 285.7	2.5	.4	242.2	(S)	.3
46	Air conditioning[2]	13 571.5	13 383.4	13 382.8	.6	(Z)	188.1	(S)	.3
47	Engine retarder[2]	8.9	1.2	.7	.5	.1	7.6	(Z)	(S)
48	Reflective materials[2]	97.5	40.2	39.1	.8	.2	57.4	(Z)	.2
49	Electronic vehicle management system[2]	4.1	.7	(S)	(S)	(Z)	3.4	(Z)	(S)
50	Electronic vehicle identification device (transponder, etc.)[2]	1.5	(S)	(S)	(S)	(Z)	1.3	(Z)	(S)
51	Trip recorders[2]	3.0	.6	(S)	(S)	(Z)	2.4	(Z)	(S)
52	Navigational systems[2]	.7	(S)	(S)	(S)	(Z)	.4	(Z)	(Z)
	FUEL CONSERVATION EQUIPMENT[2 4]								
53	Aerodynamic features	340.7	124.0	117.7	4.9	1.4	216.7	.7	.6
54	Axle or drive ratio	226.7	71.3	67.6	2.8	1.0	155.4	(S)	.8
55	Fuel economy engine	191.6	49.9	47.0	2.3	.6	141.7	(S)	.4
56	Radial tires	26 069.1	25 773.2	25 771.0	1.8	.4	295.8	(S)	.3
57	Road speed governor	43.1	6.6	4.9	1.4	.2	36.5	(Z)	(S)
58	Variable fan drives	39.4	4.3	3.2	.7	(S)	35.1	(Z)	.2
59	Other fuel conservation devices	20.7	2.0	1.8	(S)	(Z)	18.6	(Z)	(S)

See footnotes at end of table.

Truck type and axle arrangement—Con.													
Combinations—Con.													
Single-unit truck with utility trailer			Truck-tractor with single trailer			Truck-tractor with double trailers			Truck-tractor with triple trailers			Relative standard error of estimate (percent) for total	
3 axles	4 axles	5 axles or more	3 axles	4 axles	5 axles or more	5 axles	6 axles	7 axles or more	7 axles	8 axles or more	Trailer not specified		
(S)	.8	1.4	18.0	29.3	100.9	9.1	1.6	.2	.3	(Z)	(Z)	3.7	1
(S)	.3	(S)	13.7	18.1	45.7	7.7	1.4	(S)	(Z)	(Z)	(Z)	3.6	2
(S)	(S)	(Z)	2.2	3.1	8.5	.6	(Z)	(S)	.3	(Z)	(Z)	27.5	3
(Z)	(Z)	.2	.6	1.9	5.3	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	12.0	4
(S)	(S)	(S)	(S)	1.8	9.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	8.4	5
.3	(S)	.8	.5	2.6	22.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.3	6
(S)	(S)	(Z)	.8	1.7	9.8	.7	(S)	(S)	(Z)	(Z)	(Z)	13.0	7
.5	.2	.9	15.6	23.0	66.0	5.5	1.2	.1	.3	(Z)	(Z)	4.8	8
(S)	.2	.4	9.8	15.1	40.8	4.8	.4	(S)	.3	(Z)	(Z)	3.1	9
(S)	(S)	.1	9.1	12.7	28.6	4.8	.5	(Z)	.3	(Z)	(Z)	5.0	10
(Z)	(S)	(Z)	5.4	7.9	10.0	4.4	(S)	(Z)	.3	(Z)	(Z)	5.0	11
(Z)	(S)	(Z)	4.8	7.7	9.4	4.4	(S)	(Z)	.3	(Z)	(Z)	5.2	12
(Z)	(Z)	(Z)	4.7	7.4	9.1	4.4	.3	(Z)	.3	(Z)	(Z)	5.2	13
(Z)	(Z)	(Z)	4.6	7.5	9.2	4.4	(S)	(Z)	.3	(Z)	(Z)	5.1	14
(Z)	(Z)	(Z)	4.6	7.0	7.8	4.4	(S)	(Z)	.3	(Z)	(Z)	5.3	15
(Z)	(Z)	(Z)	4.6	7.0	7.8	4.4	(S)	(Z)	.3	(Z)	(Z)	5.4	16
(Z)	(Z)	(Z)	3.6	5.8	5.5	4.3	(S)	(Z)	.3	(Z)	(Z)	6.0	17
(Z)	(Z)	(Z)	3.6	5.6	6.3	4.3	(S)	(Z)	.3	(Z)	(Z)	5.9	18
(Z)	(Z)	(Z)	1.6	.3	1.7	.2	(Z)	(Z)	(Z)	(Z)	(Z)	14.4	19
(Z)	(Z)	(Z)	.4	.2	.2	.2	(Z)	(Z)	(Z)	(Z)	(Z)	24.3	20
(Z)	(Z)	(Z)	.4	.2	.2	.2	(Z)	(Z)	(Z)	(Z)	(Z)	26.7	21
(Z)	(Z)	(Z)	.3	.3	(S)	.3	(Z)	(Z)	(Z)	(Z)	(Z)	23.4	22
(Z)	(Z)	(Z)	.3	.3	.5	.3	(Z)	(Z)	(Z)	(Z)	(Z)	47.3	23
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	24
(S)	.6	.5	2.4	6.3	34.1	3.6	(S)	.1	(Z)	(Z)	(Z)	6.1	25
223.3	248.5	45.0	63.5	184.5	571.1	16.5	3.2	2.4	(S)	.1	(S)	.1	26
6.3	8.1	1.4	4.9	17.0	34.1	1.1	(S)	(S)	(Z)	(Z)	(S)	3.8	27
144.7	131.7	11.9	12.4	46.6	119.1	6.7	1.2	.2	(Z)	(Z)	(S)	.5	28
55.8	85.5	17.4	10.3	37.9	103.2	2.2	.5	.3	(Z)	(Z)	(S)	1.3	29
17.1	24.2	11.4	20.0	50.3	143.2	2.6	.4	.7	(Z)	(Z)	(Z)	2.5	30
14.7	16.1	7.0	43.8	96.0	340.6	15.2	2.9	1.5	.4	(S)	(Z)	2.5	31
6.1	10.2	9.3	13.2	51.9	229.1	4.2	1.1	2.0	.3	(S)	(Z)	1.3	32
19.1	36.9	17.6	51.8	143.1	434.5	21.7	3.4	.6	.1	(Z)	(Z)	1.2	33
42.3	58.3	7.3	15.7	23.0	18.1	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	2.5	34
54.1	98.3	10.3	5.0	10.9	21.7	.6	(S)	(S)	(Z)	(Z)	(S)	1.5	35
56.9	38.2	(S)	(S)	(S)	.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.3	36
41.0	6.3	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.3	37
12.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.5	38
(S)	.4	(S)	.8	1.3	2.5	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	12.4	39
49.1	90.8	41.8	86.5	230.8	706.1	26.7	5.0	2.7	.4	.1	(S)	.5	40
19.1	26.3	5.4	3.1	9.6	7.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	1.0	41
17.0	39.3	11.7	2.9	8.3	8.4	3.1	1.8	(Z)	(Z)	(Z)	(Z)	1.0	42
8.4	15.8	23.8	74.1	201.0	662.0	22.0	2.2	2.5	.4	.1	(Z)	.5	43
4.7	9.5	.9	6.4	12.0	28.3	1.4	1.0	(S)	(Z)	(Z)	(S)	4.6	44
105.0	104.6	(S)	(S)	3.4	21.3	(S)	(S)	(Z)	(Z)	(Z)	(Z)	.8	45
77.6	78.8	(S)	(S)	3.3	21.1	.3	(S)	(Z)	(Z)	(Z)	(Z)	1.1	46
(Z)	(Z)	(Z)	(S)	.9	6.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	8.2	47
(Z)	(Z)	(S)	4.6	8.0	43.4	.8	(S)	.1	(Z)	(Z)	(Z)	3.7	48
(Z)	(Z)	(Z)	(S)	.5	2.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	12.8	49
(Z)	(Z)	(Z)	(S)	.3	.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	21.8	50
(Z)	(Z)	(Z)	(S)	.3	1.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	17.1	51
(Z)	(Z)	(Z)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	39.8	52
.6	1.5	.6	12.9	36.3	148.8	13.0	1.0	.5	.3	(Z)	(Z)	1.8	53
(S)	(S)	.4	8.9	24.3	110.4	8.8	.7	.2	.3	(Z)	(Z)	2.2	54
(S)	(S)	.3	8.4	22.5	101.3	7.3	.7	.1	.3	(Z)	(Z)	2.3	55
114.9	107.9	(S)	5.8	9.2	51.2	1.1	.4	.1	(Z)	(Z)	(Z)	.6	56
(Z)	(Z)	(S)	3.5	5.1	26.5	.6	(S)	(Z)	(Z)	(Z)	(Z)	4.2	57
(Z)	(Z)	(S)	1.7	4.5	27.5	.7	(S)	(Z)	(Z)	(Z)	(Z)	4.3	58
(Z)	(Z)	(Z)	.8	2.3	14.7	.5	(Z)	(Z)	(Z)	(Z)	(Z)	6.0	59

Table 7. **Trucks by Truck Type and Axle Arrangement: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Truck type and axle arrangement						
			Single-unit trucks				Combinations		
								Single-unit truck with trailer	
			Total	2 axles	3 axles	4 axles or more	Total	4 axles	5 axles or more
	MAINTENANCE[2]								
	General maintenance:								
1	Owner	26 385.0	25 700.5	25 494.9	182.8	22.8	684.4	11.9	15.4
2	Company's maintenance facilities	3 684.1	3 009.0	2 796.5	181.0	31.5	675.2	12.1	13.0
3	Dealership's service department	6 294.0	6 157.8	6 137.0	18.1	2.7	136.2	1.9	1.2
4	Leasing company	179.9	137.7	134.1	2.9	.7	42.3	(Z)	(S)
5	Independent garage	12 138.2	11 834.7	11 778.4	52.0	4.3	303.5	5.5	4.7
6	Component distributorship	396.4	371.2	365.5	4.9	.8	25.2	(S)	.1
7	No one	540.7	528.9	526.4	2.5	(Z)	(S)	(Z)	(Z)
8	Other	166.5	159.2	158.0	1.0	(S)	7.2	(Z)	(Z)
9	Not reported	1 922.1	1 867.8	1 855.9	10.7	1.2	54.3	1.2	1.1
	Major overhauls:								
10	Owner	6 591.6	6 332.5	6 263.3	61.8	7.4	259.0	4.2	5.3
11	Company's maintenance facilities	2 034.6	1 613.3	1 489.7	106.2	17.4	421.3	5.8	6.6
12	Dealership's service department	4 702.1	4 473.6	4 414.8	48.2	10.5	228.5	2.9	4.9
13	Leasing company	170.5	140.5	137.1	2.8	.6	30.0	(S)	(S)
14	Independent garage	8 489.8	8 143.4	8 043.1	89.5	10.7	346.4	7.4	9.2
15	Component distributorship	868.3	759.7	733.8	20.2	5.6	108.6	1.4	1.9
16	No one	2 623.4	2 589.1	2 578.5	9.5	1.0	34.3	1.8	.1
17	Other	209.1	202.3	200.7	1.3	(S)	6.8	(Z)	(S)
18	Not reported	20 373.2	19 995.1	19 893.3	92.7	9.1	378.1	6.6	6.4
	ENGINE TYPE AND SIZE								
19	Engine	44 572.2	42 916.5	42 465.4	398.0	53.1	1 655.7	29.0	30.5
20	Gasoline	41 768.3	41 221.8	41 079.4	137.5	4.9	546.4	17.0	9.4
21	Diesel	2 733.0	1 625.4	1 318.1	259.2	48.1	1 107.6	12.0	21.1
22	LPG or other	45.3	44.9	44.3	(S)	(S)	.5	(Z)	(Z)
23	Not reported	25.6	24.5	23.6	.8	(S)	1.1	(Z)	(Z)
24	Cylinders[5]	44 572.2	42 916.5	42 465.4	398.0	53.1	1 655.7	29.0	30.5
25	4	7 744.0	7 726.5	7 726.5	(Z)	(Z)	17.5	(Z)	(S)
26	6	10 527.3	9 871.2	9 727.1	115.9	28.2	656.1	4.1	11.1
27	8	22 521.5	21 975.3	21 859.6	110.1	5.6	546.2	19.8	8.6
28	Other	17.8	16.9	16.9	(Z)	(Z)	.9	(Z)	(Z)
29	Not reported	3 761.6	3 326.6	3 135.3	171.9	19.3	435.0	5.1	10.8
30	Cubic inch displacement	44 546.6	42 892.0	42 441.8	397.2	53.1	1 654.5	29.0	30.5
31	Gasoline engines	41 768.3	41 221.8	41 079.4	137.5	4.9	546.4	17.0	9.4
32	Less than 200	10 542.7	10 520.8	10 520.7	(S)	(Z)	21.9	(Z)	(Z)
33	200 to 299	4 975.5	4 955.5	4 951.6	3.7	(S)	20.0	(S)	(S)
34	300 to 349	10 342.5	10 260.2	10 247.5	12.6	(Z)	82.3	1.6	1.7
35	350 to 399	11 765.4	11 564.3	11 519.7	43.0	1.7	201.1	6.9	3.2
36	400 or more	2 379.5	2 185.9	2 126.8	57.3	1.8	193.6	6.2	2.7
37	Not reported[6]	1 762.8	1 735.1	1 713.2	20.8	1.2	27.6	1.4	1.4
38	Diesel engines	2 733.0	1 625.4	1 318.1	259.2	48.1	1 107.6	12.0	21.1
39	Less than 400	789.6	689.7	657.0	28.1	4.5	99.9	.7	2.0
40	400 to 599	633.0	470.2	408.2	55.6	6.4	162.7	5.3	3.2
41	600 to 799	365.2	174.3	63.0	90.7	20.5	190.9	2.0	4.2
42	800 or more	560.6	59.6	10.3	38.3	11.1	500.9	2.3	8.7
43	Not reported[6]	384.8	231.6	179.5	46.5	5.5	153.2	1.7	3.0
44	Other engines	45.3	44.9	44.3	(S)	(S)	.5	(Z)	(Z)
45	Less than 400	30.5	30.5	30.2	(S)	(Z)	(Z)	(Z)	(Z)
46	400 or more	4.0	3.6	3.3	(S)	(S)	(S)	(Z)	(Z)
47	Not reported[6]	(S)	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)
48	Horsepower	44 546.6	42 892.0	42 441.8	397.2	53.1	1 654.5	29.0	30.5
49	Gasoline engines	41 768.3	41 221.8	41 079.4	137.5	4.9	546.4	17.0	9.4
50	Less than 100	5 073.2	5 058.7	5 057.1	1.7	(Z)	(S)	(Z)	(Z)
51	100 to 199	30 201.3	29 894.0	29 846.0	46.1	1.9	307.3	10.5	4.3
52	200 to 249	2 734.6	2 582.6	2 531.5	49.8	1.4	152.0	3.0	2.3
53	250 or more	469.3	444.2	430.4	13.6	.2	25.1	1.4	1.7
54	Not reported[6]	3 289.8	3 242.4	3 214.5	26.5	1.4	47.5	2.1	1.1
55	Diesel engines	2 733.0	1 625.4	1 318.1	259.2	48.1	1 107.6	12.0	21.1
56	Less than 250	1 356.4	1 132.8	975.3	138.7	18.8	223.5	6.2	3.9
57	250 to 349	534.4	116.1	25.0	72.1	19.0	418.3	2.9	6.1
58	350 to 449	373.7	25.5	5.3	14.8	5.3	348.2	1.6	8.3
59	450 or more	11.2	.8	.4	.3	.2	10.4	(Z)	.6
60	Not reported[6]	457.3	350.1	312.1	33.3	4.7	107.2	1.4	2.2
61	Other engines	45.3	44.9	44.3	(S)	(S)	.5	(Z)	(Z)
62	Less than 250	32.1	32.0	31.7	(S)	(Z)	(S)	(Z)	(Z)
63	250 or more	(S)	(S)	(S)	(S)	(Z)	(S)	(Z)	(Z)
64	Not reported[6]	(S)	(S)	(S)	(S)	(S)	(S)	(Z)	(Z)
	POWERED AXLES								
65	Powered axles	44 572.2	42 916.5	42 465.4	398.0	53.1	1 655.7	29.0	30.5
66	1	34 550.3	33 750.8	33 654.7	93.2	2.9	799.5	26.3	10.8
67	2	9 985.1	9 139.4	8 805.2	292.0	42.2	845.6	2.7	19.4
68	3 or more	36.7	26.3	5.4	12.9	8.0	10.4	(Z)	.4
69	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)

See footnotes at end of table.

Truck type and axle arrangement—Con.													
Combinations—Con.													
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 estimate (percent) for total	
3 axles	4 axles	5 axles or more	3 axles	4 axles	5 axles or more	5 axles	6 axles	7 axles or more	7 axles	8 axles or more			
158.0	149.0	25.5	18.9	70.3	227.4	6.2	.6	.8	(Z)	(Z)	(S)	.6	1
21.8	35.2	19.8	46.4	115.1	384.4	21.4	3.8	1.9	.3	.1	(Z)	1.9	2
19.4	39.5	(S)	4.8	14.2	50.2	.5	.3	.2	(Z)	(Z)	(Z)	1.8	3
(S)	(S)	.2	2.6	6.9	27.2	(S)	(S)	(Z)	(Z)	(Z)	(Z)	9.1	4
49.6	61.7	5.7	21.9	41.5	111.1	1.2	.4	.2	(Z)	(Z)	(Z)	1.2	5
.4	(S)	1.1	.8	4.0	16.8	(Z)	.1	.2	(Z)	(Z)	(Z)	8.1	6
(S)	(S)	(S)	(S)	.8	1.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.8	7
(Z)	(Z)	(S)	.5	.8	5.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	12.4	8
5.4	5.6	1.3	2.7	11.3	25.0	.4	(S)	(S)	(Z)	(Z)	(S)	3.3	9
70.4	53.7	8.2	7.0	26.5	80.4	2.9	.2	.3	(Z)	(Z)	(Z)	1.8	10
10.9	16.5	8.5	34.4	73.9	241.0	18.9	3.4	1.0	.3	.1	(Z)	2.6	11
37.5	15.8	6.3	9.5	27.5	121.0	2.1	.4	.6	(Z)	(Z)	(Z)	2.1	12
(S)	(S)	.2	1.8	5.1	18.5	(S)	(S)	(Z)	(Z)	(Z)	(Z)	10.0	13
47.5	58.0	9.4	20.7	50.3	139.4	3.1	.4	.6	(Z)	(Z)	(S)	1.5	14
(S)	5.7	2.0	4.2	12.2	62.6	1.7	.2	.4	(Z)	(Z)	(Z)	5.0	15
7.3	6.2	1.4	1.6	5.1	10.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.0	16
(Z)	(S)	(Z)	.5	.9	4.5	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	12.1	17
67.7	107.8	15.1	14.1	47.3	111.0	1.3	(S)	.3	(Z)	(Z)	(S)	.8	18
232.2	257.5	47.8	86.5	230.8	706.1	26.7	5.0	2.7	.4	.1	(S)	.1	19
210.5	226.8	25.3	15.9	28.8	12.3	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.2	20
21.7	30.2	22.5	70.5	201.5	693.4	26.7	5.0	2.7	.4	.1	(Z)	1.8	21
(Z)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	20.8	22
(Z)	(S)	(Z)	(S)	(S)	.1	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	14.4	23
232.2	257.5	47.8	86.5	230.8	706.1	26.7	5.0	2.7	.4	.1	(S)	.1	24
9.5	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.7	25
31.3	16.3	11.7	35.1	111.7	411.3	17.5	3.8	1.8	.3	(S)	(Z)	1.2	26
180.8	215.8	20.6	22.2	31.7	43.8	2.1	(S)	.5	(Z)	(Z)	(S)	.7	27
(Z)	(S)	(Z)	(Z)	.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	44.5	28
10.6	17.6	15.4	29.0	86.7	251.0	7.1	1.1	.4	(Z)	(Z)	(S)	2.1	29
232.2	257.0	47.8	86.4	230.4	706.0	26.7	5.0	2.7	.4	.1	(S)	.1	30
210.5	226.8	25.3	15.9	28.8	12.3	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.2	31
14.1	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.4	32
9.6	6.4	(S)	(S)	1.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.0	33
40.5	27.2	5.7	1.1	2.8	1.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.3	34
79.6	87.2	9.9	5.0	7.1	2.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.2	35
63.1	91.7	7.0	5.7	12.2	4.6	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	3.1	36
3.7	6.6	2.0	4.0	5.3	3.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.3	37
21.7	30.2	22.5	70.5	201.5	693.4	26.7	5.0	2.7	.4	.1	(Z)	1.8	38
(S)	10.7	1.7	5.5	19.3	49.5	.8	(S)	(Z)	(Z)	(Z)	(Z)	4.6	39
8.4	11.8	5.3	21.8	35.1	65.5	5.8	.4	.2	(Z)	(Z)	(Z)	4.3	40
2.0	2.9	5.2	14.3	40.7	114.3	4.9	(S)	.5	(Z)	(Z)	(Z)	1.5	41
.4	2.1	6.5	17.0	72.9	371.7	13.2	4.0	1.7	.3	.1	(Z)	.9	42
1.3	2.6	3.9	12.0	33.5	92.4	2.1	(S)	.3	(Z)	(Z)	(Z)	5.1	43
(Z)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	20.8	44
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	18.2	45
(Z)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	28.1	46
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	47
232.2	257.0	47.8	86.4	230.4	706.0	26.7	5.0	2.7	.4	.1	(S)	.1	48
210.5	226.8	25.3	15.9	28.8	12.3	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.2	49
4.9	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.1	50
137.8	123.4	13.2	5.1	9.0	3.6	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.5	51
48.6	72.1	7.1	5.1	10.8	3.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.9	52
3.3	10.0	2.6	1.6	3.0	1.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.4	53
16.0	12.4	2.2	4.2	5.5	3.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.6	54
21.7	30.2	22.5	70.5	201.5	693.4	26.7	5.0	2.7	.4	.1	(Z)	1.8	55
18.1	22.3	6.7	36.9	59.1	65.9	4.3	(Z)	(S)	(Z)	(Z)	(Z)	3.0	56
.7	2.7	7.1	18.2	77.5	286.7	14.2	1.9	.4	(Z)	(Z)	(Z)	1.1	57
(S)	1.6	5.8	4.5	38.9	276.3	6.7	2.3	1.8	.3	(S)	(Z)	1.2	58
(Z)	(Z)	.2	.2	1.3	7.7	(Z)	(S)	.2	(Z)	(Z)	(Z)	7.0	59
(S)	3.5	2.8	10.7	24.8	56.8	1.4	(S)	.3	(S)	(Z)	(Z)	5.9	60
(Z)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	20.8	61
(Z)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	17.1	62
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	63
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	64
232.2	257.5	47.8	86.5	230.8	706.1	26.7	5.0	2.7	.4	.1	(S)	.1	65
182.5	207.5	25.7	81.8	161.2	75.9	26.5	.4	.3	.4	(Z)	(S)	.4	66
49.7	49.9	21.3	4.6	68.6	622.4	(S)	4.6	2.3	(Z)	.1	(Z)	1.2	67
(Z)	(S)	.9	(S)	1.0	7.8	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	8.3	68
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	69

Table 7. **Trucks by Truck Type and Axle Arrangement: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Truck type and axle arrangement						
			Single-unit trucks				Combinations		
								Single-unit truck with trailer	
			Total	2 axles	3 axles	4 axles or more	Total	4 axles	5 axles or more
	CAB TYPE[7]								
1	Cab forward of engine	84.6	70.6	61.4	6.9	2.3	14.0	(S)	(S)
2	Cab over engine	809.5	376.4	329.1	44.4	2.9	433.1	2.8	7.0
3	Conventional cab	3 455.0	2 658.3	2 286.6	326.2	45.5	796.6	24.7	22.0
4	Cab beside engine	40.0	36.6	31.5	4.3	.8	3.3	(Z)	(S)
5	Other	109.2	104.3	100.3	3.1	.9	4.8	(S)	(Z)
6	Not reported	388.1	340.4	326.7	13.0	.7	47.6	.6	.4
	PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS								
7	Total	39 686.0	39 329.8	39 329.8	(Z)	(Z)	356.1	(Z)	(Z)
8	Pickups	27 662.6	27 362.0	27 362.0	(Z)	(Z)	300.6	(Z)	(Z)
9	Mini-vans	1 713.8	1 713.0	1 713.0	(Z)	(Z)	(S)	(Z)	(Z)
10	Panels or vans	5 173.7	5 152.8	5 152.8	(Z)	(Z)	20.9	(Z)	(Z)
11	Utilities	3 772.1	3 760.5	3 760.5	(Z)	(Z)	11.6	(Z)	(Z)
12	Station wagons	1 363.7	1 341.4	1 341.4	(Z)	(Z)	22.3	(Z)	(Z)
13	Driving wheels	39 686.0	39 329.8	39 329.8	(Z)	(Z)	356.1	(Z)	(Z)
14	4-wheel drive	8 778.1	8 689.2	8 689.2	(Z)	(Z)	88.9	(Z)	(Z)
15	2-wheel drive	30 907.9	30 640.6	30 640.6	(Z)	(Z)	267.2	(Z)	(Z)
16	Front-wheel drive	1 215.3	1 211.7	1 211.7	(Z)	(Z)	(S)	(Z)	(Z)
17	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Note: Some data cells may have high relative standard errors of estimate (RSE's). See appendix B for approximating the RSE's for the data cells. Some unpublished estimates can be derived from this table by subtracting published data from their respective totals. However, the figures obtained by such subtraction are subject to high sampling variability or poor response quality. These unpublished data are for internal use only. The U.S. data may vary from the sum of the State reports because of rounding.

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.
[2]Detail does not add to total because items were not applicable or multiple responses were possible.
[3]When no response was obtained, a fleet size of one truck was assumed.
[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.
[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.
[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.
[7]Pickups, panels, vans, and mini-vans are not included.

Truck type and axle arrangement—Con.													
Combinations—Con.													
Single-unit truck with utility trailer			Truck-tractor with single trailer			Truck-tractor with double trailers			Truck-tractor with triple trailers			Relative standard error of estimate (percent) for total	
3 axles	4 axles	5 axles or more	3 axles	4 axles	5 axles or more	5 axles	6 axles	7 axles or more	7 axles	8 axles or more	Trailer not specified		
1.1	1.2	.8	1.7	3.7	4.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.7	1
2.8	6.1	3.9	25.5	84.0	285.4	13.3	1.4	1.0	(Z)	(Z)	(Z)	1.2	2
41.1	72.4	36.0	54.3	133.6	394.1	13.0	3.5	1.6	.3	.1	(Z)	.4	3
(Z)	(S)	(S)	(S)	.7	.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	8.0	4
1.2	1.5	(S)	(S)	.6	.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.6	5
2.9	8.6	.7	4.4	8.3	21.1	(S)	(Z)	(S)	(Z)	(Z)	(S)	5.5	6
183.1	166.7	6.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.1	7
162.2	132.0	6.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.2	8
(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.6	9
13.3	7.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.7	10
5.3	6.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.2	11
(S)	20.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.2	12
183.1	166.7	6.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.1	13
47.7	39.8	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.4	14
135.4	126.9	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.4	15
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.6	16
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	17

Table 8. **Trucks by Body Type: 1987**

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

	Vehicular and operational characteristics	Total	Body type					
			Pickup	Mini-van	Panel or van	Utility	Station wagon	Multistop or walk-in
1	**Total trucks**	**44 572.2**	**27 662.6**	**1 713.8**	**5 173.7**	**3 772.1**	**1 363.7**	**484.0**
2	Relative standard error (percent)	.1	.2	3.6	1.7	2.2	4.2	4.3
	MAJOR USE							
3	Agriculture	3 536.9	2 353.1	(S)	58.7	89.5	33.1	14.0
4	Forestry and lumbering	282.2	155.7	(Z)	(S)	5.2	(S)	(S)
5	Mining and quarrying	204.6	90.3	(Z)	8.7	8.7	(S)	(S)
6	Construction	4 478.5	2 493.8	68.0	708.9	167.2	43.4	74.7
7	Manufacturing	581.2	196.1	19.7	87.5	31.7	(S)	24.2
8	Wholesale trade	969.5	241.5	51.2	194.7	32.2	12.9	79.4
9	Retail trade	1 537.1	623.8	90.1	296.6	97.4	36.4	69.5
10	For-hire transportation	796.1	42.7	(S)	37.3	9.2	(S)	42.5
11	Utilities	472.4	176.2	18.3	87.2	24.4	(S)	5.8
12	Services	1 980.8	900.4	93.9	426.9	145.0	112.5	40.7
13	Daily rental	147.6	6.1	17.1	45.1	5.3	(S)	6.9
14	One way rental	33.8	(S)	(Z)	(S)	(Z)	(Z)	6.2
15	Personal transportation	29 291.6	20 267.4	1 342.6	3 190.7	3 134.9	1 105.6	108.0
16	Other	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
17	Not in use	258.5	113.6	(S)	25.6	21.5	(S)	11.2
18	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	ANNUAL MILES							
19	Less than 5,000	11 288.3	7 340.4	174.4	1 084.4	793.0	265.2	115.7
20	5,000 to 9,999	10 447.3	6 882.5	331.4	1 259.5	831.7	354.8	97.4
21	10,000 to 19,999	15 376.7	9 620.0	831.6	1 896.6	1 537.8	543.2	143.2
22	20,000 to 29,999	4 755.1	2 741.7	311.0	613.3	448.5	161.2	77.0
23	30,000 to 49,999	1 870.3	943.4	61.8	285.9	151.6	33.6	41.8
24	50,000 to 74,999	421.6	119.5	(S)	23.3	(S)	5.6	5.5
25	75,000 or more	412.9	15.0	(Z)	10.8	(S)	(Z)	3.4
	RANGE OF OPERATION							
26	Local	33 684.8	21 479.0	1 354.6	3 854.9	2 969.8	999.9	308.1
27	Short-range	6 612.0	3 948.3	219.6	809.7	497.0	217.2	106.7
28	Long-range	1 997.3	836.5	85.2	370.7	106.9	107.7	45.0
29	Off-the-road	1 933.7	1 231.0	43.0	110.7	168.2	38.3	7.3
30	Not reported	344.4	167.8	(S)	27.8	30.2	(S)	17.0
	BASE OF OPERATION							
	Percentage of miles traveled outside base-of-operation State:							
31	Less than 25 percent	36 048.0	22 935.1	1 289.0	3 948.3	3 064.2	1 037.8	358.8
32	25 to 49 percent	1 669.5	795.8	118.9	320.2	183.6	88.1	8.9
33	50 to 74 percent	1 325.8	626.5	77.8	222.9	122.2	67.4	26.0
34	75 to 100 percent	1 595.7	777.2	80.5	221.7	118.1	79.0	32.4
35	Not reported	3 933.2	2 528.0	147.6	460.5	283.9	91.4	58.0
	VEHICLE SIZE							
36	Light	40 947.3	27 578.2	1 713.8	5 168.5	3 770.2	1 360.9	389.8
37	Medium	1 029.6	82.0	(Z)	4.5	(S)	(S)	78.9
38	Light-heavy	766.1	(S)	(Z)	(S)	(Z)	(Z)	10.0
39	Heavy-heavy	1 828.8	.4	(Z)	(S)	(Z)	(Z)	5.2
	AVERAGE WEIGHT (POUNDS)							
40	Less than 6,001	38 056.6	26 260.0	1 701.9	4 751.2	3 665.1	1 273.2	132.6
41	6,001 to 10,000	2 890.6	1 318.1	11.8	417.3	105.2	87.8	257.2
42	10,001 to 14,000	524.9	68.2	(Z)	4.2	(S)	(S)	53.7
43	14,001 to 16,000	242.0	7.9	(Z)	(S)	(Z)	(S)	14.0
44	16,001 to 19,500	262.7	5.8	(Z)	(Z)	(Z)	(Z)	11.3
45	19,501 to 26,000	766.1	(S)	(Z)	(S)	(Z)	(Z)	10.0
46	26,001 to 33,000	376.9	(S)	(Z)	(S)	(Z)	(Z)	1.9
47	33,001 to 40,000	208.5	(S)	(Z)	(S)	(Z)	(Z)	(S)
48	40,001 to 50,000	292.2	(Z)	(Z)	(Z)	(Z)	(Z)	.6
49	50,001 to 60,000	187.9	(Z)	(Z)	(Z)	(Z)	(Z)	.5
50	60,001 to 80,000	722.7	(Z)	(Z)	(Z)	(Z)	(Z)	1.2
51	80,001 to 100,000	28.2	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
52	100,001 to 130,000	7.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
53	130,001 or more	4.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
54	Not reported	.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)

See footnotes at end of table.

Body type—Con.										
Platform with added devices	Low boy or depressed center	Basic platform	Livestock truck	Insulated nonrefrigerated van	Insulated refrigerated van	Drop-frame van	Open-top van	Basic enclosed van	Beverage	
253.6	**93.8**	**1 261.2**	**59.8**	**29.3**	**157.9**	**65.8**	**17.1**	**669.9**	**68.4**	1
2.7	3.1	1.1	5.1	6.2	2.8	4.6	7.5	1.4	5.0	2
85.5	12.7	398.2	47.7	5.3	16.7	1.9	8.3	24.8	(S)	3
6.7	3.8	43.2	(Z)	(Z)	(Z)	(S)	2.4	3.5	(Z)	4
9.6	3.2	20.3	(Z)	(Z)	(Z)	(Z)	(Z)	1.3	(Z)	5
64.9	49.8	269.6	(S)	(S)	.3	1.3	(S)	32.9	(S)	6
8.1	3.1	65.9	.3	1.3	12.2	6.1	1.0	67.3	5.8	7
15.9	1.4	67.9	(S)	8.4	61.2	4.7	.3	99.3	50.5	8
17.6	3.2	76.4	(Z)	3.4	12.2	5.8	(S)	65.6	10.8	9
6.9	10.5	107.4	8.7	8.3	50.3	34.1	2.4	269.7	(S)	10
11.9	2.1	15.0	(Z)	(Z)	.5	(Z)	(Z)	2.4	(Z)	11
17.6	1.7	55.5	.3	.6	1.8	4.4	(S)	28.5	(S)	12
1.1	.3	8.9	(S)	1.0	1.4	1.9	(Z)	42.8	(S)	13
(S)	(Z)	1.5	(Z)	(Z)	(Z)	4.5	(Z)	20.0	(Z)	14
4.3	.9	100.6	2.0	(S)	(Z)	(S)	(S)	4.3	(Z)	15
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	16
3.3	1.2	30.8	(S)	.4	1.1	.7	(S)	7.4	(S)	17
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	18
124.8	31.6	550.0	28.9	3.2	10.7	6.0	7.1	69.7	10.1	19
42.2	14.2	216.3	10.5	3.7	10.2	9.7	1.3	65.3	14.2	20
46.3	15.9	216.8	5.2	4.3	23.7	11.8	1.2	128.1	29.8	21
20.3	10.3	86.4	3.4	4.0	18.2	10.1	1.4	88.2	10.7	22
12.9	8.8	75.6	2.6	3.0	21.9	7.6	1.6	95.5	2.5	23
4.6	6.8	50.3	2.6	3.7	20.0	10.7	1.4	69.9	.6	24
2.5	6.2	65.8	6.6	7.4	53.2	9.9	3.0	153.3	.5	25
176.2	56.6	807.5	33.1	10.2	46.2	25.9	7.7	265.2	53.5	26
38.9	21.3	207.9	13.4	8.7	49.6	13.2	5.3	190.1	14.5	27
5.5	9.8	101.7	7.6	8.9	59.5	22.7	1.3	178.8	.1	28
30.6	5.0	115.4	5.4	1.1	1.6	.8	2.5	8.5	(S)	29
2.5	1.1	28.8	(S)	.4	.9	3.2	(S)	27.2	(S)	30
219.4	72.5	1 013.8	45.1	17.9	78.7	30.4	13.9	377.8	64.4	31
5.9	3.9	38.8	2.7	1.2	9.2	4.6	.7	45.2	.6	32
4.8	3.8	42.8	3.1	2.4	16.5	6.1	.6	62.4	(S)	33
6.1	5.8	62.1	2.8	6.1	41.2	16.4	.5	106.9	.7	34
17.5	7.8	103.7	6.1	1.6	12.3	8.2	1.4	77.6	2.3	35
52.8	2.6	457.7	11.4	4.1	9.2	8.2	1.5	93.5	2.8	36
65.2	5.7	279.3	15.2	2.9	18.0	10.9	2.9	127.4	8.3	37
70.2	8.4	194.2	12.2	4.1	22.7	9.8	1.5	82.0	19.4	38
65.3	77.1	329.9	20.9	18.1	107.9	36.9	11.2	366.9	37.9	39
12.1	.7	160.2	2.2	1.4	1.9	1.4	.6	19.7	(S)	40
40.7	1.9	297.5	9.2	2.7	7.3	6.8	.9	73.8	2.2	41
30.7	1.8	140.6	7.5	1.2	6.6	3.0	(S)	46.7	1.8	42
14.2	1.2	75.1	3.1	.7	5.0	3.9	.4	39.1	2.4	43
20.3	2.7	63.6	4.6	1.0	6.5	4.0	1.1	41.6	4.2	44
70.2	8.4	194.2	12.2	4.1	22.7	9.8	1.5	82.0	19.4	45
21.0	6.8	81.6	5.1	2.7	15.2	5.0	1.5	47.9	22.8	46
11.4	7.3	41.4	2.4	1.1	8.7	5.7	.5	40.3	6.0	47
15.8	13.0	40.4	2.0	1.1	8.2	9.7	1.9	49.5	6.4	48
6.7	11.2	21.3	1.1	2.3	6.0	8.7	.6	48.5	1.9	49
9.3	32.2	139.3	10.1	10.8	69.5	7.8	5.8	178.7	.7	50
.9	4.4	3.8	.2	(Z)	.2	(Z)	.8	1.3	(Z)	51
(S)	1.6	1.1	(Z)	(Z)	(S)	(Z)	.1	.6	(Z)	52
(Z)	.6	.8	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	53
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	54

Table 8. **Trucks by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Body type: Pickup	Mini-van	Panel or van	Utility	Station wagon	Multistop or walk-in
	TOTAL LENGTH (FEET)							
1	Less than 13.0	3 607.8	2 074.9	167.0	450.3	771.1	87.6	15.0
2	13.0 to 15.9	11 615.3	6 628.8	1 318.6	857.6	2 375.7	267.6	46.7
3	16.0 to 19.9	25 180.1	18 658.0	227.5	3 844.5	613.7	986.3	210.8
4	20.0 to 27.9	2 050.1	24.6	(Z)	(S)	(S)	(S)	185.5
5	28.0 to 35.9	659.5	55.8	(Z)	4.5	(S)	(S)	21.2
6	36.0 to 40.9	292.6	150.1	(S)	14.1	9.5	7.5	(S)
7	41.0 to 44.9	70.9	28.7	(Z)	(Z)	(S)	(S)	(Z)
8	45.0 or more	1 095.6	41.7	(Z)	(S)	(S)	(S)	2.6
9	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	YEAR MODEL							
10	1988	86.8	71.3	(S)	(S)	(S)	(S)	(Z)
11	1987	2 862.1	1 411.2	432.5	277.6	425.4	132.4	25.4
12	1986	4 729.2	2 726.7	537.7	447.8	520.0	209.4	40.1
13	1985	3 939.2	2 093.3	407.0	427.7	540.2	178.3	43.5
14	1984	3 398.7	1 917.3	166.0	466.7	463.4	128.6	39.7
15	1983	2 484.7	1 686.6	8.2	366.8	207.3	53.8	29.9
16	1982	2 102.9	1 534.4	19.9	232.0	89.5	39.7	39.4
17	1981	1 820.6	1 264.5	(S)	237.0	64.8	19.3	21.1
18	1980	1 800.0	1 222.5	10.9	191.4	116.2	26.2	13.3
19	1979	3 187.2	1 939.5	9.6	508.6	272.9	115.6	26.9
20	1978	2 898.9	1 804.9	12.3	446.6	241.3	93.4	34.7
21	Pre-1978	15 248.2	9 980.0	86.8	1 565.4	828.9	364.0	170.0
22	Not reported	(S)	(S)	(Z)	(S)	(S)	(Z)	(S)
	VEHICLE ACQUISITION							
23	Purchased new	21 087.4	12 547.4	1 330.9	2 373.8	1 943.1	754.2	260.4
24	Purchased used	22 324.7	14 578.4	284.5	2 652.4	1 722.7	575.7	193.3
25	Leased from someone else	749.6	285.3	89.3	99.3	79.3	25.2	15.5
26	Not reported	410.5	251.5	9.2	48.1	27.0	8.6	14.8
	LEASE CHARACTERISTICS[1 2]							
27	Leased without driver	974.8	286.3	67.2	173.4	85.3	23.1	34.4
28	Leased with driver	123.2	30.9	(S)	11.8	(S)	(S)	3.4
29	Leased with owner-operator	264.4	95.0	35.9	13.9	22.3	6.4	2.7
30	Not reported	82.5	53.4	4.7	9.1	(S)	(S)	.9
	Provisions of lease:							
31	Financing	489.3	172.0	59.1	79.8	56.5	15.8	11.0
32	Full maintenance	190.3	31.1	8.7	17.7	(S)	(S)	4.6
33	Maintenance on specific parts	76.1	44.1	8.6	8.2	(S)	(S)	1.0
34	Payment of taxes	208.0	54.4	11.2	40.4	14.6	(S)	4.4
35	Obtaining licenses and permits	231.2	32.5	12.1	37.3	5.1	(S)	5.7
36	Record keeping for leased trucks	121.6	21.8	(S)	9.8	(S)	(S)	3.5
37	Other	66.2	30.2	(S)	8.4	(S)	(S)	1.4
	OPERATOR CLASSIFICATION							
38	Not for hire	43 597.9	27 599.3	1 695.5	5 091.0	3 755.5	1 351.3	434.3
39	Business use	13 703.5	6 929.7	335.8	1 817.0	557.4	230.4	320.9
40	Personal transportation	29 348.5	20 300.0	1 341.4	3 194.7	3 146.0	1 106.0	111.6
41	Mixed-business use/personal transportation	545.9	369.6	18.3	79.3	52.1	14.9	(S)
42	For hire	793.4	40.6	(S)	35.2	9.2	(S)	42.5
43	Motor carrier	534.9	(S)	(Z)	26.9	(S)	(Z)	38.8
44	Owner/operator	257.0	26.0	(S)	8.2	8.2	(S)	3.8
45	Independent	161.9	22.7	(S)	7.9	7.9	(S)	3.0
46	Leased to a company	95.1	(S)	(S)	(S)	(S)	(Z)	.7
47	Not reported	1.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
48	Daily rental	147.9	6.1	17.1	45.1	5.3	(S)	6.9
49	Mixed-not for hire/for hire	2.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	For-hire jurisdiction:							
50	Interstate	372.8	7.8	(Z)	(S)	(S)	(Z)	5.5
51	Intrastate	207.6	(S)	(Z)	15.9	(S)	(S)	16.2
52	Local	211.6	23.0	(S)	14.2	7.7	(S)	20.8
53	Not reported	1.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	Type of carrier (interstate only):							
54	Contract	78.0	(Z)	(Z)	(S)	(Z)	(Z)	.3
55	Common	261.1	(S)	(Z)	(S)	(S)	(Z)	5.2
56	Exempt	18.9	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
57	Not reported	14.7	(S)	(Z)	(S)	(Z)	(Z)	(Z)

See footnotes at end of table.

Body type—Con.										
Platform with added devices	Low boy or depressed center	Basic platform	Livestock truck	Insulated nonrefrigerated van	Insulated refrigerated van	Drop-frame van	Open-top van	Basic enclosed van	Beverage	
3.2	(S)	14.7	(S)	(S)	1.0	(S)	(Z)	5.1	(S)	1
6.4	(S)	40.3	1.2	(S)	1.7	1.1	(S)	11.4	(S)	2
36.6	1.9	225.9	6.6	2.8	8.1	3.6	1.6	40.0	4.2	3
144.9	2.2	597.5	24.1	7.5	42.6	16.7	4.5	170.0	18.5	4
44.1	8.8	132.1	9.3	2.7	16.6	6.4	2.7	96.7	30.1	5
4.8	7.4	27.0	1.7	(S)	2.3	1.7	(S)	14.1	2.7	6
1.0	2.7	9.2	1.3	.2	.8	.5	(S)	3.5	3.7	7
12.5	70.2	214.4	15.3	15.4	84.7	35.6	7.9	329.1	8.7	8
(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	9
(Z)	(Z)	.2	(Z)	(Z)	.3	(S)	(Z)	.8	(Z)	10
7.0	2.3	28.7	.8	2.6	12.4	2.2	.5	45.9	3.0	11
11.1	2.8	60.2	1.7	2.7	13.9	5.1	.8	67.0	5.2	12
10.1	3.6	43.9	1.3	2.3	17.4	6.7	.7	78.6	4.6	13
8.4	3.0	46.5	2.3	2.0	17.8	3.0	.8	63.0	4.9	14
5.4	1.2	33.0	2.2	1.7	9.0	2.0	.2	31.1	2.8	15
6.0	2.8	35.4	1.1	1.2	8.9	2.8	.3	31.2	5.1	16
13.1	4.0	49.4	2.9	1.6	9.2	3.1	.6	39.5	5.0	17
11.0	5.3	55.3	2.4	2.0	10.0	3.3	.8	41.9	4.0	18
15.9	7.1	86.6	3.0	1.6	11.6	6.2	1.4	53.2	8.0	19
14.2	5.8	75.4	2.0	1.9	8.7	5.4	.7	40.6	5.8	20
151.4	55.7	745.7	40.2	9.5	38.6	25.9	10.5	176.9	20.0	21
(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	22
99.7	26.6	458.2	20.7	17.4	87.0	32.9	5.4	402.8	52.5	23
144.7	63.2	753.1	37.9	9.7	51.1	26.2	11.3	220.1	12.7	24
6.9	2.4	36.4	.7	2.0	18.0	6.0	.3	38.2	2.3	25
2.3	(S)	13.4	.5	(S)	1.8	.7	(S)	8.8	(S)	26
10.6	2.7	54.7	.8	3.4	19.9	10.2	.6	132.7	4.9	27
1.9	2.5	15.6	.2	1.4	4.7	2.4	.2	13.4	(S)	28
.9	1.9	23.1	.8	.8	10.1	5.2	.4	20.1	(S)	29
.5	(S)	2.0	(Z)	(S)	.5	(S)	(S)	2.6	(S)	30
5.0	1.3	20.9	.3	.8	6.6	1.3	.2	22.0	2.4	31
2.4	.8	17.2	(S)	1.7	10.7	3.1	.2	52.6	1.7	32
(S)	(S)	1.9	(Z)	(Z)	1.4	.6	(Z)	2.7	(S)	33
1.1	.8	15.7	.4	1.3	8.6	3.5	.2	33.3	.9	34
2.5	1.7	28.0	.9	2.1	16.0	8.1	.2	52.3	1.8	35
1.3	.7	17.2	.5	1.0	8.7	2.9	.2	31.6	.8	36
.4	.2	4.6	(S)	1.4	1.5	.4	(Z)	5.4	(S)	37
245.3	82.8	1 143.7	50.8	20.0	105.3	30.0	14.7	355.8	68.1	38
239.6	81.8	1 035.1	48.3	19.8	105.2	29.5	14.4	350.8	68.1	39
4.6	.9	104.5	2.0	(S)	(Z)	(S)	(S)	4.8	(Z)	40
1.0	(S)	4.0	(S)	(Z)	(Z)	(S)	(Z)	(S)	(Z)	41
6.9	10.3	107.5	8.7	8.3	50.5	34.0	2.4	270.5	(S)	42
2.5	7.2	62.3	4.2	6.2	32.9	25.6	1.7	215.1	(S)	43
4.4	3.2	44.9	4.4	2.1	17.6	8.2	.7	55.2	(S)	44
3.7	1.4	20.6	3.9	.8	7.6	4.5	.5	25.2	(Z)	45
.7	1.7	24.3	.5	1.3	10.0	3.8	.2	30.0	(S)	46
(Z)	(Z)	(S)	(S)	(Z)	.1	(S)	(Z)	.3	(Z)	47
1.1	.3	8.9	(S)	1.0	1.4	1.9	(Z)	43.0	(S)	48
(S)	(S)	.8	(Z)	(Z)	(S)	(Z)	(Z)	.5	(Z)	49
1.0	5.3	66.2	4.8	6.6	42.3	19.0	.7	159.1	(Z)	50
2.6	2.8	26.1	2.9	1.1	6.6	4.6	1.2	56.4	(S)	51
3.3	2.2	14.9	1.0	.5	1.6	10.2	.5	54.5	(S)	52
(Z)	(Z)	(S)	(Z)	(Z)	(S)	(S)	(Z)	.5	(Z)	53
.3	1.3	15.4	.6	1.3	9.6	3.1	.3	30.3	(Z)	54
.5	3.9	47.1	1.0	4.6	25.1	15.3	.3	121.7	(Z)	55
.1	(S)	1.8	2.6	.4	5.2	(S)	(S)	2.9	(Z)	56
(S)	(S)	2.0	.6	.3	2.5	(S)	(Z)	4.3	(Z)	57

Table 8. **Trucks by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Body type: Pickup	Mini-van	Panel or van	Utility	Station wagon	Multistop or walk-in
	PRODUCTS CARRIED							
1	Farm products	1 557.8	716.4	6.2	55.1	9.6	(S)	16.3
2	Live animals	554.1	389.1	(S)	(S)	(S)	5.6	1.5
3	Mining products	52.8	11.6	(Z)	(Z)	(S)	(S)	(S)
4	Logs and other forest products	158.8	40.8	(Z)	(S)	(S)	(Z)	(S)
5	Lumber and fabricated wood products	353.2	195.2	(S)	28.2	(S)	(S)	2.3
6	Processed foods	629.5	99.9	16.0	86.2	21.4	(S)	88.6
7	Textile mill products	215.0	31.2	11.3	100.8	(S)	(Z)	22.4
8	Building materials	1 140.6	410.7	(S)	66.8	17.2	(S)	10.7
9	Household goods	138.6	16.9	(S)	17.9	(Z)	(Z)	16.3
10	Furniture or hardware	180.3	62.0	3.9	37.8	(S)	(S)	15.2
11	Paper products	198.8	39.4	6.5	71.7	9.4	(S)	10.9
12	Chemicals	375.6	170.9	5.2	74.9	7.2	(S)	7.9
13	Petroleum	242.9	63.6	(Z)	(S)	(S)	(Z)	(S)
14	Plastics and/or rubber	95.1	44.0	(S)	8.2	(Z)	(Z)	2.9
15	Primary metal products	169.1	57.0	(S)	19.8	(S)	(Z)	1.3
16	Fabricated metal products	292.4	134.0	9.7	39.0	5.9	(S)	6.4
17	Machinery	406.6	127.4	16.3	73.1	9.6	(S)	8.4
18	Transportation equipment	420.0	195.0	(S)	25.2	5.2	(S)	3.5
19	Glass products	55.3	26.4	(Z)	9.8	(Z)	(Z)	(S)
20	Miscellaneous products of manufacturing	299.1	87.7	37.8	79.0	38.1	(S)	11.2
21	Industrial water	30.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
22	Scrap, refuse, or garbage	242.1	72.7	(Z)	(S)	(S)	(Z)	(S)
23	Hazardous waste	6.5	(S)	(Z)	(S)	(Z)	(Z)	(S)
24	Mixed cargoes	685.6	209.2	12.2	113.3	18.5	7.9	50.5
25	Craftsman's equipment	2 476.3	1 433.9	66.3	521.4	106.1	29.3	53.1
26	Personal transportation	29 289.6	20 265.5	1 342.6	3 190.7	3 134.3	1 105.6	108.0
27	No load carried	3 792.1	2 606.1	133.1	360.8	311.1	156.4	17.8
28	Not in use	257.5	116.9	(S)	25.6	19.7	(S)	10.7
29	Other	256.1	38.1	12.6	147.3	14.8	15.6	4.7
30	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	HAZARDOUS MATERIALS CARRIED							
31	Hazardous materials carried	340.1	43.1	(Z)	15.2	(S)	(S)	8.1
32	Less than 10 percent of time	114.2	4.0	(Z)	(S)	(Z)	(Z)	5.1
33	10 to 25 percent of time	27.5	(S)	(Z)	(Z)	(Z)	(Z)	(S)
34	26 to 49 percent of the time	17.9	(S)	(Z)	(S)	(Z)	(Z)	(S)
35	50 to 74 percent of the time	24.7	(S)	(Z)	(S)	(Z)	(Z)	(S)
36	75 to 100 percent of the time	94.4	4.6	(Z)	(S)	(Z)	(Z)	1.2
37	No percent reported	61.4	22.7	(Z)	10.1	(S)	(S)	1.0
	Types of hazardous materials[2]:							
38	Flammable liquids	197.6	(S)	(Z)	6.7	(Z)	(Z)	5.7
39	Combustible liquids	95.2	(Z)	(Z)	(S)	(Z)	(Z)	2.7
40	Corrosive liquids	70.0	(S)	(Z)	(S)	(Z)	(Z)	2.4
41	Poison B solids	30.8	(S)	(Z)	(Z)	(Z)	(Z)	(S)
42	Poison B liquids	29.2	(S)	(Z)	(Z)	(Z)	(Z)	(S)
43	Flammable solids	28.7	(S)	(Z)	(Z)	(Z)	(Z)	(S)
44	Oxidizers	28.0	(S)	(Z)	(Z)	(Z)	(Z)	(S)
45	Flammable gas	26.2	(S)	(Z)	(Z)	(Z)	(Z)	(S)
46	Nonflammable gas	26.1	(S)	(Z)	(Z)	(Z)	(Z)	(S)
47	Poison A	20.7	(S)	(Z)	(Z)	(Z)	(Z)	(S)
48	Corrosive solids	21.4	(S)	(Z)	(Z)	(Z)	(Z)	(S)
49	Explosives, A or B	4.6	(S)	(Z)	(S)	(Z)	(Z)	(Z)
50	Blasting agents	1.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
51	Radioactive materials	1.6	(S)	(Z)	(S)	(Z)	(Z)	(Z)
52	ORM-A, B, or C	2.0	(S)	(Z)	(S)	(Z)	(Z)	(Z)
53	ORM E	3.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
54	Hazardous materials not listed	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
55	Not reported	139.0	25.6	(Z)	8.5	(S)	(S)	2.5
56	No hazardous materials carried	43 281.5	27 162.8	1 691.5	5 044.9	3 740.7	1 344.4	444.2
57	Not reported	950.6	456.7	22.3	113.6	30.9	16.4	31.7
	TRUCK FLEET SIZE[3]							
58	1	29 026.2	19 837.8	1 247.3	3 252.0	2 587.0	932.4	195.2
59	2 to 5	11 094.4	6 336.0	376.4	1 411.2	1 026.0	398.4	110.4
60	6 to 19	2 397.2	990.3	33.5	249.6	101.9	14.6	62.9
61	20 or more	2 054.4	498.5	56.7	260.9	57.3	18.3	115.5
	MILES PER GALLON							
62	Less than 5	640.8	(S)	(Z)	(S)	(Z)	(Z)	8.7
63	5 to 6.9	1 823.1	83.0	(S)	21.9	4.7	(S)	53.6
64	7 to 8.9	2 470.5	1 155.2	3.1	185.3	79.1	44.1	117.5
65	9 to 11.9	8 593.1	5 545.6	54.8	1 106.6	579.7	295.6	148.7
66	12 to 14.9	10 747.9	7 023.7	99.2	2 005.7	905.3	409.7	72.7
67	15 to 19.9	11 096.5	7 342.7	586.2	1 409.0	1 228.5	393.6	57.9
68	20 or more	9 032.2	6 432.2	969.3	420.8	953.2	218.3	20.9
69	Not reported	168.1	79.7	(S)	24.2	21.6	(S)	4.1

See footnotes at end of table.

Body type—Con.										
Platform with added devices	Low boy or depressed center	Basic platform	Livestock truck	Insulated nonrefrigerated van	Insulated refrigerated van	Drop-frame van	Open-top van	Basic enclosed van	Beverage	
61.6	3.7	295.7	5.1	6.9	26.4	(S)	8.1	28.7	(S)	1
7.1	1.4	55.4	50.1	1.5	4.8	.3	.4	2.5	(Z)	2
3.2	.4	5.6	(Z)	(Z)	(Z)	(Z)	(S)	.6	(Z)	3
6.0	2.0	33.2	(S)	(S)	(Z)	(Z)	3.5	3.2	(Z)	4
7.4	1.6	81.0	(Z)	(S)	(Z)	(S)	.5	10.9	(Z)	5
4.1	1.0	15.6	(Z)	11.2	115.7	2.9	(S)	78.0	66.8	6
(S)	(Z)	6.1	(Z)	1.5	(S)	.3	(Z)	28.3	(Z)	7
33.1	9.4	138.3	(Z)	(Z)	(S)	.8	.2	16.3	(Z)	8
(S)	.2	6.4	(Z)	(Z)	(Z)	32.8	(Z)	45.3	(Z)	9
1.5	(S)	6.3	(Z)	.2	(S)	11.1	(Z)	37.7	(Z)	10
.8	(Z)	8.1	(Z)	.6	.4	(S)	(S)	45.8	(Z)	11
11.3	.4	26.5	(S)	.4	.4	(S)	(S)	15.9	(Z)	12
7.3	.4	17.7	(Z)	(S)	(S)	(S)	(Z)	5.4	(Z)	13
1.0	(S)	9.1	(Z)	.5	(S)	.3	(Z)	15.4	(Z)	14
2.3	.9	61.5	(Z)	(Z)	(Z)	(S)	.5	6.1	(Z)	15
6.5	2.9	57.9	(S)	(Z)	(Z)	.7	.2	16.2	(Z)	16
15.3	50.0	55.3	(Z)	(S)	(S)	1.0	(Z)	11.6	(Z)	17
8.9	10.8	25.9	(Z)	(Z)	(Z)	.3	(S)	11.6	(S)	18
1.2	.2	3.2	(Z)	(S)	(S)	(S)	(S)	4.2	(Z)	19
2.1	.2	11.3	(Z)	.7	(S)	1.2	(Z)	24.7	(S)	20
1.8	(Z)	5.1	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	21
11.6	.5	35.5	(Z)	(Z)	.3	(S)	.6	3.0	(S)	22
(Z)	(S)	1.0	(Z)	(Z)	(S)	(Z)	(Z)	.6	(Z)	23
3.7	1.3	35.5	(S)	4.1	5.1	8.4	(Z)	211.1	(Z)	24
24.8	2.0	62.4	(Z)	.2	.5	.2	(S)	17.0	(Z)	25
4.6	.9	100.6	2.0	(S)	(Z)	(S)	(S)	4.3	(Z)	26
20.9	1.6	67.5	1.7	(S)	1.6	(S)	(S)	9.4	(S)	27
3.2	1.2	30.3	(S)	.4	1.0	.7	(S)	7.4	(S)	28
1.5	.3	3.2	(Z)	(Z)	.2	(Z)	(Z)	8.7	(S)	29
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	30
7.6	1.2	25.2	(S)	3.1	6.3	1.1	.3	104.5	(S)	31
1.6	.7	10.1	(Z)	2.2	4.7	.5	(S)	75.3	(Z)	32
(S)	(S)	2.1	(Z)	.4	.3	(S)	(S)	10.9	(Z)	33
.2	.1	1.5	(Z)	(S)	(S)	(Z)	(Z)	4.1	(Z)	34
.7	(S)	2.6	(Z)	(Z)	(Z)	(Z)	(Z)	3.1	(S)	35
3.6	.1	6.4	(Z)	(S)	(Z)	(Z)	(Z)	4.8	(S)	36
1.1	.2	2.5	(S)	.3	1.0	(S)	(Z)	6.3	(S)	37
2.5	.4	10.5	(Z)	1.3	3.1	1.0	.3	79.0	(Z)	38
.9	.3	4.8	(Z)	.7	1.0	(S)	(S)	51.7	(Z)	39
.4	.2	3.8	(Z)	.7	1.0	(S)	(S)	47.3	(Z)	40
(S)	(S)	1.1	(Z)	.2	(S)	(Z)	(Z)	27.7	(Z)	41
(S)	(S)	.8	(Z)	.2	(S)	(Z)	(Z)	26.6	(Z)	42
(S)	(S)	.9	(Z)	.2	(S)	(Z)	(Z)	26.1	(Z)	43
(S)	(S)	.7	(Z)	.3	(S)	(Z)	(Z)	26.1	(Z)	44
(S)	(Z)	.6	(Z)	(Z)	(S)	(Z)	(Z)	24.7	(Z)	45
(S)	(Z)	.5	(Z)	(Z)	(S)	(Z)	(Z)	24.7	(Z)	46
(Z)	(Z)	.2	(Z)	(Z)	(S)	(Z)	(Z)	19.9	(Z)	47
(Z)	(Z)	.2	(Z)	(Z)	(S)	(Z)	(Z)	20.5	(Z)	48
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.9	(Z)	49
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.0	(Z)	50
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.0	(Z)	51
(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	1.4	(Z)	52
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.4	(Z)	53
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	54
5.0	.8	14.4	(S)	1.7	3.2	(S)	(Z)	25.0	(S)	55
230.3	88.2	1 164.1	57.0	24.7	144.1	56.9	15.9	502.3	65.3	56
15.8	4.3	71.9	2.5	1.5	7.5	7.8	.9	63.1	2.1	57
50.2	16.2	320.5	17.4	4.8	23.4	11.9	3.1	147.2	7.8	58
103.8	25.2	518.0	30.7	6.1	23.9	10.5	5.3	111.3	5.0	59
64.7	31.5	254.6	8.5	6.1	36.2	13.3	5.2	112.9	14.6	60
34.9	20.9	168.0	3.1	12.3	74.4	30.2	3.5	298.5	41.1	61
25.7	24.1	107.0	8.7	5.7	38.9	9.5	5.3	82.7	18.4	62
87.7	47.8	366.6	19.0	13.2	74.2	34.3	7.7	318.8	30.0	63
66.0	12.5	295.6	15.2	4.9	21.1	8.7	1.9	109.7	13.6	64
57.7	6.9	332.1	13.6	4.0	19.3	9.3	1.8	120.7	6.1	65
11.0	1.0	102.8	2.3	1.1	3.1	3.1	(S)	22.7	(S)	66
3.6	(S)	35.7	.8	(S)	.6	(S)	(S)	9.6	(S)	67
(S)	(S)	7.7	(S)	(Z)	(Z)	(S)	(Z)	2.0	(Z)	68
1.6	.7	13.7	(S)	.2	.8	(S)	(S)	3.6	(Z)	69

Table 8. **Trucks by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Body type: Pickup	Mini-van	Panel or van	Utility	Station wagon	Multistop or walk-in
	EQUIPMENT TYPE[4]							
1	Braking system	4 886.2	(Z)	(Z)	(Z)	(Z)	(Z)	484.0
2	Hydraulic	1 332.0	(Z)	(Z)	(Z)	(Z)	(Z)	152.7
3	Hydraulic (power)	1 389.3	(Z)	(Z)	(Z)	(Z)	(Z)	171.5
4	Air	1 695.2	(Z)	(Z)	(Z)	(Z)	(Z)	7.2
5	Not reported	469.8	(Z)	(Z)	(Z)	(Z)	(Z)	152.7
6	Power steering[2]	20 530.8	12 280.7	1 364.1	3 225.0	2 522.5	1 036.6	56.9
7	Air conditioning[2]	13 571.5	7 168.5	1 220.6	2 323.2	1 889.1	899.9	40.2
8	Engine retarder[2]	8.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
9	Reflective materials[2]	97.5	(S)	(S)	1.1	(Z)	(Z)	6.8
10	Electronic vehicle management system[2]	4.1	(S)	(Z)	(S)	(Z)	(Z)	(Z)
11	Electronic vehicle identification device (transponder, etc.)[2]	1.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
12	Trip recorders[2]	3.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
13	Navigational systems[2]	.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	FUEL CONSERVATION EQUIPMENT[2 4]							
14	Aerodynamic features	340.7	5.0	(S)	2.2	(S)	(Z)	32.9
15	Axle or drive ratio	226.7	2.1	(S)	1.3	(S)	(Z)	18.7
16	Fuel economy engine	191.6	.6	(S)	1.2	(S)	(Z)	9.0
17	Radial tires	26 069.1	16 878.5	1 467.4	3 656.8	2 800.0	1 111.4	70.6
18	Road speed governor	43.1	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
19	Variable fan drives	39.4	(S)	(Z)	(Z)	(Z)	(Z)	(S)
20	Other fuel conservation devices	20.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
	MAINTENANCE[2]							
	General maintenance:							
21	Owner	26 385.0	18 189.6	654.2	2 585.0	2 178.3	712.9	157.2
22	Company's maintenance facilities	3 684.1	1 259.6	86.2	407.6	126.1	39.0	130.5
23	Dealership's service department	6 294.0	3 358.4	730.6	782.5	729.6	336.2	51.0
24	Leasing company	179.9	68.3	8.6	17.5	15.1	(S)	4.9
25	Independent garage	12 138.2	7 045.3	491.2	1 932.0	1 208.4	453.4	165.2
26	Component distributorship	396.4	220.4	(S)	63.4	25.3	(S)	4.5
27	No one	540.7	362.6	(S)	70.8	45.5	17.6	(S)
28	Other	166.5	103.6	(S)	26.7	16.7	(S)	1.2
29	Not reported	1 922.1	1 267.0	71.7	192.1	133.0	30.8	37.6
	Major overhauls:							
30	Owner	6 591.6	4 648.5	29.6	597.3	479.9	171.3	42.0
31	Company's maintenance facilities	2 034.6	643.0	51.6	192.5	54.8	14.8	102.4
32	Dealership's service department	4 702.1	2 300.5	442.1	579.9	579.4	243.2	39.5
33	Leasing company	170.5	78.1	8.6	9.7	16.1	9.1	2.3
34	Independent garage	8 489.8	4 947.7	193.0	1 297.9	736.1	261.1	116.3
35	Component distributorship	868.3	423.8	20.2	110.8	95.5	28.2	12.6
36	No one	2 623.4	1 744.2	95.3	307.8	262.5	67.7	21.3
37	Other	209.1	140.0	(S)	29.2	(S)	(S)	.9
38	Not reported	20 373.2	13 493.5	924.6	2 204.2	1 669.9	606.8	181.3
	ENGINE TYPE AND SIZE							
39	Engine	44 572.2	27 662.6	1 713.8	5 173.7	3 772.1	1 363.7	484.0
40	Gasoline	41 768.3	26 902.0	1 711.3	5 115.2	3 719.6	1 319.7	439.3
41	Diesel	2 733.0	722.5	(S)	51.5	51.3	44.0	42.7
42	LPG or other	45.3	24.5	(S)	5.6	(S)	(Z)	(S)
43	Not reported	25.6	13.6	(Z)	(S)	(S)	(Z)	(S)
44	Cylinders[5]	44 572.2	27 662.6	1 713.8	5 173.7	3 772.1	1 363.7	484.0
45	4	7 744.0	6 068.8	924.5	146.2	428.3	146.2	9.7
46	6	10 527.3	5 661.0	657.9	1 140.4	1 676.5	201.9	121.4
47	8	22 521.5	14 205.8	90.2	3 690.1	1 437.2	939.7	299.8
48	Other	17.8	(S)	(Z)	(Z)	(Z)	(Z)	(S)
49	Not reported	3 761.6	1 713.2	41.2	196.9	230.0	75.9	52.6
50	Cubic inch displacement	44 546.6	27 649.0	1 713.8	5 172.3	3 771.8	1 363.7	483.8
51	Gasoline engines	41 768.3	26 902.0	1 711.3	5 115.2	3 719.6	1 319.7	439.3
52	Less than 200	10 542.7	7 330.2	1 230.8	188.3	1 509.8	258.4	7.0
53	200 to 299	4 975.5	2 993.4	346.3	645.5	571.6	100.9	84.0
54	300 to 349	10 342.5	6 615.8	46.4	2 294.3	734.9	175.3	100.1
55	350 to 399	11 765.4	7 376.9	44.0	1 696.0	651.8	625.9	188.0
56	400 or more	2 379.5	1 574.1	(S)	154.0	100.1	136.8	35.0
57	Not reported[6]	1 762.8	1 011.7	32.5	137.2	151.3	22.5	25.3
58	Diesel engines	2 733.0	722.5	(S)	51.5	51.3	44.0	42.7
59	Less than 400	789.6	416.3	(S)	25.3	48.3	43.8	22.9
60	400 to 599	633.0	209.6	(Z)	22.1	(S)	(Z)	10.2
61	600 to 799	365.2	(S)	(Z)	(S)	(S)	(Z)	1.0
62	800 or more	560.6	(Z)	(Z)	(S)	(Z)	(Z)	1.5
63	Not reported[6]	384.8	96.5	(Z)	(S)	(S)	(S)	7.0
64	Other engines	45.3	24.5	(S)	5.6	(S)	(Z)	(S)
65	Less than 400	30.5	15.3	(S)	5.6	(S)	(Z)	.7
66	400 or more	4.0	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
67	Not reported[6]	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(S)
68	Horsepower	44 546.6	27 649.0	1 713.8	5 172.3	3 771.8	1 363.7	483.8
69	Gasoline engines	41 768.3	26 902.0	1 711.3	5 115.2	3 719.6	1 319.7	439.3
70	Less than 100	5 073.2	3 858.6	435.9	239.5	378.4	102.7	8.2
71	100 to 199	30 201.3	19 144.9	1 117.0	4 337.4	2 905.1	948.4	327.4
72	200 to 249	2 734.6	1 686.8	5.4	229.2	85.1	172.5	48.9
73	250 or more	469.3	231.0	(S)	35.1	16.0	13.7	8.0
74	Not reported[6]	3 289.8	1 980.7	152.8	274.0	335.0	82.3	46.9

See footnotes at end of table.

Body type—Con.										
Platform with added devices	Low boy or depressed center	Basic platform	Livestock truck	Insulated nonrefrigerated van	Insulated refrigerated van	Drop-frame van	Open-top van	Basic enclosed van	Beverage	
253.6	93.8	1 261.2	59.8	29.3	157.9	65.8	17.1	669.9	68.4	1
87.8	7.7	477.5	20.1	4.4	16.1	14.1	3.1	123.2	13.9	2
90.4	7.2	403.9	19.4	5.8	26.5	12.9	1.8	138.1	19.5	3
59.4	75.0	277.7	16.4	18.1	107.6	35.0	9.9	364.6	30.4	4
16.0	3.9	102.0	3.8	1.1	7.7	3.8	2.2	44.0	4.6	5
.3	.6	9.5	(S)	.8	4.9	1.0	(S)	14.9	.5	6
(S)	.4	4.6	.2	.8	4.4	1.1	(S)	13.6	(Z)	7
(Z)	.3	1.1	(S)	.1	1.8	(S)	(Z)	2.5	(Z)	8
.4	.6	9.8	.4	2.6	9.6	6.6	.4	51.6	.4	9
(S)	(Z)	.6	(Z)	.1	.8	(S)	(Z)	1.5	(Z)	10
(Z)	(Z)	(S)	(Z)	(Z)	.4	(Z)	(Z)	.4	(Z)	11
(Z)	(Z)	(S)	(Z)	(S)	.7	(Z)	(Z)	.8	(Z)	12
(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	13
2.7	2.7	35.7	1.6	6.7	37.4	17.4	1.4	170.1	1.5	14
1.0	1.8	23.1	1.0	5.4	25.4	11.1	1.1	117.9	.8	15
.6	1.6	18.8	.8	4.9	22.3	10.3	1.1	105.4	.6	16
.4	.8	13.0	.5	2.8	10.8	2.7	.4	39.7	.5	17
(S)	.5	4.6	.4	1.0	6.1	1.5	(S)	21.6	.4	18
(S)	.6	3.7	.4	1.1	5.9	1.6	(S)	19.2	.4	19
(S)	.4	2.2	(S)	.7	3.7	.5	(Z)	10.9	(S)	20
128.6	41.9	641.2	39.2	7.9	34.9	13.5	9.0	144.9	10.5	21
73.5	45.1	316.2	6.8	12.3	80.7	28.7	6.0	339.4	43.3	22
18.8	5.6	89.4	4.5	3.7	15.9	8.5	(S)	67.1	5.8	23
1.1	.7	12.9	(S)	.6	8.1	1.2	(S)	21.7	1.0	24
53.9	10.9	268.0	13.0	6.1	36.2	18.2	1.8	162.6	15.2	25
2.6	1.2	12.5	.2	(S)	5.0	.9	(Z)	11.8	1.3	26
2.0	.5	9.6	.2	(S)	(S)	(S)	(S)	1.1	(Z)	27
.1	(S)	3.4	(S)	(S)	1.0	(S)	(Z)	3.7	(Z)	28
10.4	3.4	62.9	3.0	1.5	6.9	4.2	.6	25.3	2.1	29
36.5	14.6	199.1	10.9	2.6	12.0	3.3	3.4	54.2	4.7	30
36.1	24.0	160.5	2.8	7.9	54.7	18.3	3.1	244.3	26.9	31
29.3	11.6	130.1	6.8	6.0	28.5	11.8	1.6	94.3	8.7	32
2.0	.6	11.8	.1	.3	5.6	.8	.1	15.1	1.1	33
56.4	16.7	279.8	11.6	5.4	34.2	17.6	4.1	138.7	17.9	34
8.2	4.6	36.6	1.5	2.1	10.9	3.2	.7	34.2	3.5	35
6.5	1.6	45.8	2.7	(S)	2.1	.7	(S)	11.8	.6	36
.6	(S)	4.7	(S)	(S)	.7	(Z)	(S)	3.4	(Z)	37
92.5	26.8	454.0	25.2	6.8	27.9	13.8	4.5	132.7	11.8	38
253.6	93.8	1 261.2	59.8	29.3	157.9	65.8	17.1	669.9	68.4	39
188.5	24.7	938.5	41.3	8.6	36.3	25.6	7.2	214.2	36.5	40
63.4	69.1	317.4	18.1	20.7	121.1	40.2	9.8	455.1	31.3	41
(S)	(Z)	1.4	(S)	(Z)	(S)	(Z)	(Z)	.5	.7	42
(S)	(Z)	3.7	(S)	(Z)	(Z)	(Z)	(S)	.2	(Z)	43
253.6	93.8	1 261.2	59.8	29.3	157.9	65.8	17.1	669.9	68.4	44
.7	(S)	8.7	(S)	(S)	1.1	(Z)	(S)	5.7	(S)	45
38.0	29.8	194.5	10.7	14.0	78.3	24.6	5.6	286.4	11.9	46
131.5	23.7	626.9	26.3	8.7	33.5	18.1	4.5	202.6	37.4	47
(Z)	(Z)	.8	(Z)	(Z)	(S)	(S)	(Z)	1.8	(S)	48
83.5	40.0	430.2	22.5	6.4	44.9	22.7	6.8	173.4	18.8	49
253.0	93.8	1 257.4	59.5	29.3	157.9	65.8	17.0	669.8	68.4	50
188.5	24.7	938.5	41.3	8.6	36.3	25.6	7.2	214.2	36.5	51
.8	(S)	8.7	(S)	(Z)	(Z)	(Z)	(Z)	1.2	(S)	52
17.8	1.0	97.9	4.9	(S)	1.3	2.2	.7	13.0	.7	53
30.3	2.0	140.3	5.9	1.5	7.1	4.6	.8	36.3	3.9	54
84.6	7.1	422.2	17.7	4.0	18.2	12.8	1.8	111.8	21.3	55
26.0	8.9	122.7	5.8	.8	4.2	2.8	1.1	24.8	6.5	56
29.0	5.6	146.7	6.7	1.8	5.4	3.3	3.0	27.1	4.0	57
63.4	69.1	317.4	18.1	20.7	121.1	40.2	9.8	455.1	31.3	58
11.1	7.7	54.7	3.0	2.2	10.6	4.5	1.1	59.2	3.1	59
19.4	12.3	69.3	2.7	3.4	22.2	7.9	.9	91.3	13.9	60
11.8	13.0	41.7	1.2	2.2	14.9	6.0	1.7	67.8	9.5	61
9.8	21.2	100.3	7.3	9.6	58.6	15.2	4.6	176.8	1.2	62
11.4	14.9	51.4	4.0	3.1	14.8	6.6	1.5	60.0	3.5	63
(S)	(Z)	1.4	(S)	(Z)	(S)	(Z)	(Z)	.5	.7	64
(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(S)	(S)	65
(Z)	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(S)	(S)	66
(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	67
253.0	93.8	1 257.4	59.5	29.3	157.9	65.8	17.0	669.8	68.4	68
188.5	24.7	938.5	41.3	8.6	36.3	25.6	7.2	214.2	36.5	69
3.3	(S)	23.0	2.1	(S)	(S)	(Z)	(S)	2.0	(Z)	70
99.8	9.9	542.4	20.7	4.9	19.7	13.4	2.6	129.6	18.2	71
39.5	5.6	156.6	6.5	1.1	8.2	7.7	1.5	45.3	12.0	72
12.4	3.7	60.1	4.2	(S)	2.8	1.2	(S)	9.6	1.8	73
33.6	5.2	156.5	7.8	2.0	5.4	3.3	2.8	27.8	4.4	74

Table 8. **Trucks by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Body type: Pickup	Mini-van	Panel or van	Utility	Station wagon	Multistop or walk-in
	ENGINE TYPE AND SIZE—Con.							
	Horsepower—Con.							
1	Diesel engines	2 733.0	722.5	(S)	51.5	51.3	44.0	42.7
2	Less than 250	1 356.4	536.0	(S)	41.3	49.2	30.8	26.4
3	250 to 349	534.4	4.1	(Z)	(S)	(S)	(S)	1.0
4	350 to 449	373.7	(S)	(Z)	(Z)	(Z)	(Z)	1.1
5	450 or more	11.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
6	Not reported[6]	457.3	182.2	(S)	9.9	(S)	(S)	14.2
7	Other engines	45.3	24.5	(S)	5.6	(S)	(Z)	(S)
8	Less than 250	32.1	15.2	(S)	5.6	(S)	(Z)	.7
9	250 or more	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
10	Not reported[6]	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(S)
	TRUCK TYPE AND AXLE ARRANGEMENT							
11	Single-unit trucks	42 916.5	27 362.0	1 713.0	5 152.8	3 760.5	1 341.4	477.4
12	2 axles	42 465.4	27 362.0	1 713.0	5 152.8	3 760.5	1 341.4	472.1
13	3 axles	398.0	(Z)	(Z)	(Z)	(Z)	(Z)	5.3
14	4 axles or more	53.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
15	Combinations	1 655.7	300.6	(S)	20.9	11.6	22.3	6.7
16	Single-unit truck with trailer	59.6	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
17	4 axles	29.0	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
18	5 axles or more	30.5	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
19	Single-unit truck with utility trailer	537.5	300.3	(S)	20.9	11.6	22.3	2.9
20	3 axles	232.2	162.2	(S)	13.3	5.3	(S)	(S)
21	4 axles	257.5	132.0	(Z)	7.6	6.3	20.8	2.4
22	5 axles or more	47.8	6.0	(Z)	(Z)	(Z)	(Z)	(Z)
23	Truck-tractor with single trailer	1 023.4	(Z)	(Z)	(Z)	(Z)	(Z)	2.2
24	3 axles	86.5	(Z)	(Z)	(Z)	(Z)	(Z)	.3
25	4 axles	230.8	(Z)	(Z)	(Z)	(Z)	(Z)	1.0
26	5 axles or more	706.1	(Z)	(Z)	(Z)	(Z)	(Z)	.9
27	Truck-tractor with double trailers	34.3	(Z)	(Z)	(Z)	(Z)	(Z)	.1
28	5 axles	26.7	(Z)	(Z)	(Z)	(Z)	(Z)	.1
29	6 axles	5.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
30	7 axles or more	2.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
31	Truck-tractor with triple trailers	.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
32	7 axles	.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
33	8 axles or more	.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
34	Trailer not specified	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
35	Powered axles	44 572.2	27 662.6	1 713.8	5 173.7	3 772.1	1 363.7	484.0
36	1	34 550.3	22 633.3	1 713.8	5 173.7	705.3	681.8	462.4
37	2	9 985.1	5 029.4	(Z)	(Z)	3 066.8	681.9	18.6
38	3 or more	36.7	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
39	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	CAB TYPE[7]							
40	Cab forward of engine	84.6	(Z)	(Z)	(Z)	(Z)	(Z)	9.1
41	Cab over engine	809.5	(Z)	(Z)	(Z)	(Z)	(Z)	116.6
42	Conventional cab	3 455.0	(Z)	(Z)	(Z)	(Z)	(Z)	121.9
43	Cab beside engine	40.0	(Z)	(Z)	(Z)	(Z)	(Z)	19.0
44	Other	109.2	(Z)	(Z)	(Z)	(Z)	(Z)	53.7
45	Not reported	388.1	(Z)	(Z)	(Z)	(Z)	(Z)	163.8

See footnotes at end of table.

Body type—Con.										
Platform with added devices	Low boy or depressed center	Basic platform	Livestock truck	Insulated nonrefrigerated van	Insulated refrigerated van	Drop-frame van	Open-top van	Basic enclosed van	Beverage	
63.4	69.1	317.4	18.1	20.7	121.1	40.2	9.8	455.1	31.3	1
33.2	18.0	110.2	4.1	5.1	29.0	11.3	1.7	147.3	26.2	2
14.3	23.3	79.5	4.0	5.8	30.1	14.2	3.4	157.9	1.5	3
5.1	17.2	79.8	7.6	6.7	44.1	8.9	3.4	90.1	.4	4
(Z)	1.0	2.2	.1	(S)	1.6	.3	(S)	2.3	(S)	5
10.8	9.6	45.8	2.1	3.1	16.3	5.4	1.2	57.5	3.1	6
(S)	(Z)	1.4	(S)	(Z)	(S)	(Z)	(Z)	.5	.7	7
(S)	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(S)	.7	8
(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	9
(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	10
231.0	4.8	970.2	37.1	13.2	68.6	28.3	8.8	315.8	52.5	11
195.4	3.9	912.1	35.1	12.3	61.8	27.7	6.8	307.0	51.5	12
31.8	.8	55.0	1.9	.9	6.6	.5	2.0	8.8	(S)	13
3.8	(S)	3.0	(S)	(Z)	(S)	(S)	(Z)	(Z)	(S)	14
22.6	89.0	291.0	22.6	16.1	89.2	37.5	8.3	354.1	16.0	15
1.5	4.9	19.4	2.4	(S)	.4	(S)	.4	3.2	(S)	16
.9	2.1	12.3	1.6	(Z)	(S)	(S)	(Z)	1.1	(S)	17
.6	2.8	7.1	(S)	(S)	(S)	.1	.3	2.1	(Z)	18
9.7	10.9	72.4	5.3	.3	.4	(S)	(S)	3.6	.4	19
2.9	1.9	17.3	(S)	(S)	(S)	(S)	(Z)	1.5	(S)	20
4.9	5.5	44.1	4.7	(Z)	(Z)	(Z)	(S)	1.3	(S)	21
1.9	3.5	11.0	.5	.2	(S)	(Z)	(Z)	.8	(Z)	22
11.3	72.8	195.1	14.9	15.6	88.0	34.6	7.8	326.9	15.3	23
.9	4.1	10.7	.8	.7	5.4	5.5	.2	38.7	11.1	24
2.4	20.9	41.3	3.0	3.0	10.6	14.8	1.0	87.2	3.5	25
8.0	47.8	143.0	11.0	11.9	72.0	14.2	6.6	201.0	.7	26
(S)	.3	4.1	(Z)	(S)	.3	1.9	.1	20.1	(S)	27
(S)	.1	2.9	(Z)	(S)	(S)	1.6	(Z)	16.5	(S)	28
(Z)	(S)	.7	(Z)	(Z)	(Z)	(S)	(Z)	3.4	(Z)	29
(Z)	(S)	.5	(Z)	(Z)	(Z)	.1	(Z)	.2	(Z)	30
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.3	(Z)	31
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.3	(Z)	32
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	33
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	34
253.6	93.8	1 261.2	59.8	29.3	157.9	65.8	17.1	669.9	68.4	35
206.5	40.7	1 033.2	46.2	15.6	78.6	52.1	8.1	453.1	65.8	36
45.3	52.0	222.8	13.3	13.6	78.1	13.6	8.7	213.4	2.2	37
1.9	1.1	5.1	.3	.1	1.2	(S)	.3	3.5	(S)	38
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	39
3.5	2.3	23.9	1.2	.4	2.0	.9	(S)	10.6	1.5	40
22.4	16.4	147.1	11.8	9.4	55.2	30.9	3.6	231.0	9.4	41
215.3	72.3	989.7	41.2	17.9	92.6	30.5	11.2	382.5	55.8	42
.8	.6	5.1	(S)	(S)	.7	(S)	(S)	3.5	.1	43
2.8	.4	18.8	.6	(S)	1.8	1.3	(S)	7.8	(Z)	44
8.8	1.8	76.6	4.3	.8	5.5	2.0	.6	34.5	1.6	45

Table 8. **Trucks by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Body type						
		Public utility	Winch or crane	Wrecker	Pole or logging	Auto transport	Service truck	Yard tractor
1	**Total trucks**	**121.4**	**51.4**	**116.0**	**52.1**	**20.4**	**102.7**	**7.4**
2	Relative standard error (percent)	4.6	6.0	5.8	4.1	7.0	4.8	10.7
	MAJOR USE							
3	Agriculture	(S)	2.9	(S)	1.0	(S)	2.8	(S)
4	Forestry and lumbering	.9	.7	(S)	38.8	(Z)	1.0	.3
5	Mining and quarrying	(S)	4.6	(S)	(S)	(Z)	3.5	(Z)
6	Construction	17.5	20.9	4.6	2.2	.7	58.3	.5
7	Manufacturing	(S)	3.6	(S)	.4	.5	1.5	1.9
8	Wholesale trade	(S)	2.6	2.3	(S)	1.6	1.7	1.0
9	Retail trade	1.1	2.5	45.6	(S)	2.8	6.3	.4
10	For-hire transportation	(S)	2.2	14.4	6.8	11.4	(S)	.7
11	Utilities	96.3	1.7	(S)	.6	(Z)	11.2	(Z)
12	Services	2.2	7.5	41.3	(S)	1.6	12.7	1.0
13	Daily rental	(S)	.5	(Z)	(Z)	(Z)	(S)	(Z)
14	One way rental	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
15	Personal transportation	(S)	.5	2.1	(S)	1.2	1.3	(Z)
16	Other	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
17	Not in use	(S)	1.3	3.6	.8	(S)	1.3	.7
18	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	ANNUAL MILES							
19	Less than 5,000	32.6	19.8	41.6	11.9	3.2	24.5	6.0
20	5,000 to 9,999	42.9	11.4	24.1	5.9	1.5	20.5	.4
21	10,000 to 19,999	37.0	7.9	30.0	8.3	1.9	30.2	.5
22	20,000 to 29,999	7.1	4.4	11.6	4.3	2.0	19.7	.3
23	30,000 to 49,999	1.5	5.3	5.3	8.4	3.2	6.6	.1
24	50,000 to 74,999	(S)	1.5	2.8	8.2	4.5	1.3	(Z)
25	75,000 or more	(Z)	1.1	.7	5.0	4.0	(Z)	(Z)
	RANGE OF OPERATION							
26	Local	96.6	34.4	95.8	28.9	4.6	72.4	1.4
27	Short-range	18.6	8.9	11.4	17.9	6.6	20.9	.2
28	Long-range	1.0	1.3	(S)	1.1	8.3	2.5	(Z)
29	Off-the-road	4.9	5.8	4.8	3.4	(S)	6.2	5.2
30	Not reported	(S)	1.1	3.4	.8	(S)	.7	.6
	BASE OF OPERATION							
	Percentage of miles traveled outside base-of-operation State:							
31	Less than 25 percent	109.7	44.6	100.0	42.4	6.7	87.9	6.9
32	25 to 49 percent	1.7	1.7	2.1	1.9	2.3	1.7	(Z)
33	50 to 74 percent	1.7	1.4	1.3	1.0	3.7	4.3	(Z)
34	75 to 100 percent	1.4	.7	(S)	1.1	5.8	2.7	(Z)
35	Not reported	7.0	3.0	10.0	5.7	1.9	6.2	.5
	VEHICLE SIZE							
36	Light	46.7	11.4	59.5	2.9	2.0	71.3	1.1
37	Medium	32.4	14.2	41.3	3.5	3.1	24.0	.8
38	Light-heavy	21.7	8.8	8.6	6.9	.9	4.7	1.5
39	Heavy-heavy	20.5	17.0	6.5	38.8	14.3	2.8	4.0
	AVERAGE WEIGHT (POUNDS)							
40	Less than 6,001	8.9	2.7	13.0	(S)	(S)	19.4	(S)
41	6,001 to 10,000	37.8	8.7	46.5	2.1	1.6	51.9	.7
42	10,001 to 14,000	17.7	6.7	32.4	1.5	2.1	16.1	.2
43	14,001 to 16,000	4.8	3.5	6.2	.9	(S)	4.0	.4
44	16,001 to 19,500	10.0	4.0	2.7	1.1	(S)	3.9	.2
45	19,501 to 26,000	21.7	8.8	8.6	6.9	.9	4.7	1.5
46	26,001 to 33,000	14.1	4.9	2.6	3.9	.2	1.5	1.1
47	33,001 to 40,000	3.6	3.9	1.3	2.5	.6	.4	1.0
48	40,001 to 50,000	1.4	3.9	1.5	3.3	1.1	.8	.5
49	50,001 to 60,000	(S)	2.1	.3	2.1	1.6	(S)	.3
50	60,001 to 80,000	(S)	1.5	.7	24.0	10.7	(Z)	1.0
51	80,001 to 100,000	(Z)	.6	(S)	2.9	(Z)	(Z)	(Z)
52	100,001 to 130,000	(Z)	(S)	(Z)	(S)	(S)	(Z)	(Z)
53	130,001 or more	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
54	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

See footnotes at end of table.

Body type—Con.									Relative stardard error of estimate (percent) for total	
Oilfield truck	Grain body	Garbage hauler	Dump truck	Tank truck (liquids or gases)	Tank truck (dry bulk)	Concrete mixer	Other	Not reported		
25.1	**278.1**	**50.8**	**581.6**	**213.0**	**31.5**	**56.4**	**17.5**	**(S)**		1
9.1	2.2	4.7	1.7	2.4	5.9	4.2	12.2	(S)		2
.6	257.1	.4	74.7	30.0	12.0	(S)	.4	(Z)	2.1	3
(Z)	(Z)	(S)	11.0	.8	(Z)	(Z)	(Z)	(Z)	7.4	4
17.5	(S)	(Z)	20.4	8.8	1.0	.2	(Z)	(Z)	7.1	5
3.1	(S)	4.8	312.6	26.6	3.2	45.4	1.4	(Z)	2.1	6
.1	.6	.9	13.3	12.1	2.0	6.8	1.2	(Z)	5.3	7
(S)	(S)	.5	3.5	32.7	.5	.2	(S)	(Z)	3.9	8
.6	.8	.4	10.7	50.2	1.5	2.6	1.8	(Z)	3.4	9
1.1	11.0	1.1	60.2	34.0	10.8	.3	6.7	(Z)	2.0	10
.6	(Z)	2.9	10.6	4.2	(Z)	(Z)	(Z)	(Z)	6.6	11
(S)	.6	38.5	29.2	9.5	(S)	(S)	4.7	(Z)	3.2	12
(Z)	.1	(Z)	4.0	.4	.1	(Z)	(S)	(Z)	11.8	13
(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	8.7	14
(Z)	2.8	(Z)	19.6	(S)	(Z)	(Z)	(S)	(Z)	.5	15
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	16
.9	4.0	1.0	11.6	2.7	.2	(S)	(S)	(S)	9.7	17
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	18
7.7	207.4	9.4	237.2	52.2	5.0	8.9	5.9	(S)	1.2	19
5.3	35.6	7.1	100.0	29.8	4.1	11.1	2.7	(Z)	1.3	20
7.1	12.6	12.8	97.6	46.4	4.1	22.1	2.5	(Z)	1.0	21
2.9	4.0	9.8	47.4	21.1	2.5	11.1	1.3	(Z)	2.2	22
1.4	6.1	7.8	48.3	18.0	3.4	2.4	2.4	(Z)	3.4	23
.5	5.9	2.4	31.8	18.4	5.0	.6	1.4	(Z)	4.9	24
(S)	6.6	1.5	19.5	27.0	7.5	(S)	1.3	(Z)	1.9	25
12.3	204.9	42.8	435.4	133.1	13.3	51.8	8.9	(Z)	.4	26
5.1	22.0	5.2	70.2	45.5	11.9	1.5	4.7	(Z)	1.8	27
.2	5.0	(S)	7.5	14.7	4.6	(S)	2.6	(Z)	3.2	28
6.7	42.6	1.9	59.4	17.4	1.6	2.7	1.3	(Z)	3.1	29
.9	3.6	.8	9.2	2.3	.2	(S)	(S)	(S)	8.5	30
19.6	244.6	46.2	516.0	171.5	21.2	51.4	12.3	(Z)	.4	31
.8	4.5	(S)	9.4	10.3	2.9	.5	(S)	(Z)	3.5	32
.6	3.9	.3	9.1	9.3	2.7	.2	.8	(Z)	3.7	33
.3	3.7	(S)	7.7	8.5	1.9	(S)	1.2	(Z)	3.3	34
3.9	21.5	3.5	39.4	13.4	2.9	4.1	2.0	(S)	2.3	35
5.0	18.1	1.1	89.9	10.6	(S)	(S)	2.1	(Z)	.1	36
6.2	59.5	5.3	95.6	29.3	2.0	.6	5.8	(Z)	2.0	37
3.5	87.0	5.6	113.8	56.1	5.1	1.6	3.3	(Z)	1.5	38
10.4	113.6	38.8	282.4	117.0	24.1	54.0	6.3	(Z)	.5	39
(S)	2.0	(S)	21.7	1.7	(Z)	(Z)	(S)	(Z)	.2	40
4.6	16.1	1.0	68.2	8.9	(S)	(S)	1.7	(Z)	2.4	41
3.2	19.5	2.0	41.7	9.5	(S)	(S)	1.0	(Z)	3.4	42
2.1	15.5	1.5	23.6	8.1	(S)	(Z)	2.0	(Z)	3.2	43
(S)	24.5	1.8	30.3	11.7	.9	(S)	(S)	(Z)	3.1	44
3.5	87.0	5.6	113.8	56.1	5.1	1.6	3.3	(Z)	1.5	45
1.7	42.0	7.9	51.1	26.5	3.1	1.4	2.7	(Z)	1.9	46
1.9	15.5	6.9	26.2	11.5	1.2	3.9	2.0	(Z)	2.2	47
2.0	24.0	12.3	61.9	11.5	2.2	16.5	.6	(Z)	1.6	48
1.7	5.4	8.4	33.6	6.2	.5	15.6	.2	(Z)	2.0	49
2.8	24.6	2.9	97.9	58.0	15.8	16.3	.7	(Z)	.8	50
.3	1.4	.4	7.4	2.3	.7	(S)	(Z)	(Z)	4.2	51
(Z)	.4	(Z)	2.3	.6	.4	(Z)	(Z)	(Z)	7.2	52
(Z)	(S)	(Z)	1.9	.5	.3	(Z)	(Z)	(Z)	12.8	53
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	40.5	54

Table 8. **Trucks by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Body type						
		Public utility	Winch or crane	Wrecker	Pole or logging	Auto transport	Service truck	Yard tractor
	TOTAL LENGTH (FEET)							
1	Less than 13.0	1.6	(S)	2.9	(S)	(Z)	3.0	(Z)
2	13.0 to 15.9	7.5	(S)	9.4	.6	(S)	7.3	.5
3	16.0 to 19.9	34.7	6.2	39.4	3.3	(S)	45.7	.2
4	20.0 to 27.9	54.2	23.9	54.0	13.9	4.0	42.6	(S)
5	28.0 to 35.9	17.2	14.0	6.9	5.0	1.2	2.8	.4
6	36.0 to 40.9	2.6	1.7	(S)	1.6	.2	.7	(S)
7	41.0 to 44.9	(S)	(S)	(S)	1.0	(Z)	(Z)	(Z)
8	45.0 or more	3.1	4.0	1.7	26.4	14.1	.7	5.5
9	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	YEAR MODEL							
10	1988	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
11	1987	9.1	1.6	3.1	1.4	1.0	4.6	(Z)
12	1986	11.1	2.9	6.7	1.6	.9	7.6	(S)
13	1985	9.4	3.0	4.0	1.9	1.3	7.6	(Z)
14	1984	8.9	1.8	3.8	1.1	2.2	7.4	(Z)
15	1983	9.2	1.0	3.8	.7	.6	4.9	(S)
16	1982	8.0	1.1	4.0	1.3	.5	7.0	(S)
17	1981	7.4	1.6	3.2	1.5	.6	6.3	(S)
18	1980	11.8	2.9	4.2	3.0	.8	6.7	.4
19	1979	10.2	3.9	9.9	3.9	2.4	7.8	.3
20	1978	8.3	3.0	6.2	3.4	2.1	5.9	.5
21	Pre-1978	27.9	28.6	67.1	32.2	8.0	36.8	5.8
22	Not reported	(Z)	(Z)	(Z)	(S)	(Z)	(S)	(Z)
	VEHICLE ACQUISITION							
23	Purchased new	87.5	18.9	35.6	13.8	10.7	54.9	1.4
24	Purchased used	20.5	30.0	76.5	36.9	9.2	43.8	5.8
25	Leased from someone else	12.1	1.8	1.2	.3	.5	3.4	(Z)
26	Not reported	1.4	.8	2.7	1.1	(S)	(S)	(S)
	LEASE CHARACTERISTICS[1 2]							
27	Leased without driver	11.2	3.8	1.7	.8	.6	4.9	.1
28	Leased with driver	.7	.7	(S)	.3	(S)	(Z)	(Z)
29	Leased with owner-operator	1.2	.5	(S)	.4	.5	1.5	(Z)
30	Not reported	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
	Provisions of lease:							
31	Financing	11.1	1.0	1.3	.2	(Z)	3.2	(S)
32	Full maintenance	(S)	(S)	(Z)	(S)	(S)	.7	(S)
33	Maintenance on specific parts	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)
34	Payment of taxes	(S)	.5	(S)	.1	.3	.6	(Z)
35	Obtaining licenses and permits	(S)	1.4	(S)	.3	.6	.6	(Z)
36	Record keeping for leased trucks	.5	(S)	(S)	.4	.5	(S)	(Z)
37	Other	(S)	(S)	(Z)	(S)	(Z)	(S)	(Z)
	OPERATOR CLASSIFICATION							
38	Not for hire	120.7	48.5	101.6	45.3	8.6	101.5	6.6
39	Business use	120.2	47.9	98.7	44.9	7.5	99.5	6.6
40	Personal transportation	(S)	.6	2.5	(S)	1.2	1.3	(Z)
41	Mixed-business use/personal transportation	(Z)	(Z)	(S)	(Z)	(Z)	(S)	(Z)
42	For hire	(S)	2.2	14.4	6.8	11.7	(S)	.8
43	Motor carrier	(S)	1.6	8.5	2.7	10.6	(S)	.3
44	Owner/operator	(S)	.6	5.8	3.8	1.2	(Z)	(S)
45	Independent	(S)	.3	5.8	3.5	.5	(Z)	(S)
46	Leased to a company	(Z)	(S)	(Z)	.4	.6	(Z)	(Z)
47	Not reported	(Z)	(Z)	(S)	.2	(Z)	(Z)	(Z)
48	Daily rental	(S)	.5	(Z)	(Z)	(Z)	(S)	(Z)
49	Mixed-not for hire/for hire	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
	For-hire jurisdiction:							
50	Interstate	(Z)	.7	(S)	1.0	8.0	(S)	(Z)
51	Intrastate	(Z)	.8	2.4	3.9	3.2	(S)	.2
52	Local	(S)	.7	10.8	1.9	.5	(S)	.5
53	Not reported	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
	Type of carrier (interstate only):							
54	Contract	(Z)	(S)	(S)	.2	4.1	(Z)	(Z)
55	Common	(Z)	(S)	(S)	.6	3.8	(Z)	(Z)
56	Exempt	(Z)	(S)	(Z)	.2	(Z)	(Z)	(Z)
57	Not reported	(Z)	(Z)	(S)	(S)	(S)	(S)	(Z)

See footnotes at end of table.

Body type—Con.									Relative stardard error of estimate (percent) for total	
Oilfield truck	Grain body	Garbage hauler	Dump truck	Tank truck (liquids or gases)	Tank truck (dry bulk)	Concrete mixer	Other	Not reported		
(S)	.9	(S)	4.9	1.4	(S)	(S)	(S)	(Z)	2.5	1
.4	3.7	.6	19.4	3.8	.8	(S)	(S)	(Z)	1.2	2
3.5	26.1	2.5	125.8	15.1	1.7	1.6	2.0	(Z)	.6	3
10.2	180.8	17.3	268.9	104.8	8.4	19.6	2.5	(Z)	1.0	4
5.1	35.0	26.1	62.7	19.0	2.4	27.6	1.1	(Z)	2.8	5
1.2	1.8	2.6	22.6	2.7	.3	6.1	.5	(Z)	7.7	6
.6	.5	(S)	8.5	1.1	(S)	(S)	(S)	(Z)	14.3	7
4.0	29.3	1.4	68.8	65.2	17.6	.5	9.6	(Z)	1.4	8
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	9
(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(Z)	(Z)	14.2	10
(S)	.7	1.6	15.9	8.5	1.5	2.6	(S)	(Z)	2.7	11
(S)	1.9	2.9	22.4	11.0	1.7	4.0	1.1	(Z)	2.2	12
2.1	1.0	3.7	26.5	14.0	1.8	2.9	.6	(Z)	2.3	13
.6	2.1	3.8	13.8	12.2	3.1	2.7	1.7	(Z)	2.5	14
.2	1.4	2.0	10.2	6.6	.7	1.8	.5	(Z)	3.1	15
2.5	1.7	2.1	12.8	9.3	1.3	.8	.7	(Z)	3.5	16
3.9	5.6	4.1	14.2	12.2	1.5	2.3	(S)	(Z)	3.6	17
1.9	6.9	3.5	22.5	13.7	2.2	2.2	.7	(Z)	3.4	18
3.5	10.2	4.6	39.4	14.9	2.3	5.3	.8	(Z)	2.6	19
1.8	7.7	3.9	39.5	12.9	2.3	5.8	(S)	(Z)	2.7	20
7.4	238.9	18.6	363.7	97.4	13.0	25.5	8.0	(S)	1.0	21
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(S)	22
16.1	63.7	26.4	183.4	103.2	19.3	33.6	5.8	(Z)	.8	23
8.4	208.6	22.8	384.1	98.5	10.4	21.5	11.0	(Z)	.7	24
.4	2.3	1.5	7.7	8.1	1.7	.8	.7	(Z)	5.6	25
(S)	3.4	.2	6.4	3.2	.1	.6	(Z)	(S)	7.1	26
.8	3.0	1.8	17.8	12.3	2.8	2.4	.8	(Z)	4.6	27
(Z)	.7	(S)	17.9	2.7	.4	.6	(S)	(Z)	9.2	28
(S)	1.3	.2	12.2	4.1	1.1	(S)	.9	(Z)	8.1	29
(Z)	.6	(Z)	1.6	.3	(S)	(S)	(Z)	(Z)	17.6	30
.5	.7	1.6	6.1	5.7	1.3	.9	(S)	(Z)	6.9	31
.3	1.0	(S)	5.8	4.6	1.2	1.0	(S)	(Z)	7.1	32
(Z)	.4	(Z)	1.1	.3	(S)	(Z)	(Z)	(Z)	17.8	33
(S)	1.1	.2	4.1	4.5	.8	.7	(S)	(Z)	9.1	34
.2	1.8	(S)	7.4	6.6	1.7	.9	1.6	(Z)	5.9	35
(S)	1.3	(Z)	4.5	3.9	.6	(S)	(S)	(Z)	6.7	36
(S)	(S)	(S)	3.3	.8	(S)	(S)	(S)	(Z)	18.1	37
24.0	266.6	49.7	516.3	178.4	20.6	55.9	10.5	(Z)	.1	38
24.0	263.4	49.5	493.2	177.6	20.6	55.9	10.0	(Z)	1.0	39
(Z)	3.1	(Z)	20.4	(S)	(Z)	(Z)	(S)	(Z)	.5	40
(Z)	(S)	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	7.1	41
1.1	11.0	1.1	60.3	34.0	10.8	.3	6.8	(Z)	1.9	42
.9	5.1	.6	26.7	25.5	9.2	(S)	2.8	(Z)	2.4	43
.2	5.9	.4	33.6	8.4	1.5	.2	3.9	(Z)	3.5	44
(S)	4.8	.4	25.6	3.9	.8	(S)	2.7	(Z)	5.2	45
(S)	1.0	(Z)	8.0	4.5	.7	(S)	1.2	(Z)	3.5	46
(Z)	(Z)	(Z)	(S)	(S)	(S)	(Z)	(Z)	(Z)	19.2	47
(Z)	.1	(Z)	4.0	.4	.1	(Z)	(S)	(Z)	11.7	48
(Z)	(S)	(Z)	.6	(Z)	(Z)	(Z)	(Z)	(Z)	19.1	49
.2	4.3	(Z)	9.7	15.7	6.2	(Z)	1.7	(Z)	1.8	50
.8	4.9	(S)	22.4	14.1	3.7	(Z)	2.3	(Z)	4.9	51
(S)	1.7	.8	28.1	4.1	.8	.3	2.8	(Z)	4.7	52
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	20.3	53
(Z)	.5	(Z)	3.0	5.2	1.2	(Z)	.7	(Z)	3.3	54
.1	1.4	(Z)	5.0	9.1	4.7	(Z)	1.0	(Z)	2.3	55
(Z)	2.3	(Z)	.9	.6	(S)	(Z)	(Z)	(Z)	7.9	56
(Z)	.1	(Z)	.7	.8	.1	(Z)	(Z)	(Z)	11.4	57

Table 8. **Trucks by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Body type						
		Public utility	Winch or crane	Wrecker	Pole or logging	Auto transport	Service truck	Yard tractor
	PRODUCTS CARRIED							
1	Farm products	(Z)	(S)	(Z)	(S)	(Z)	(Z)	(S)
2	Live animals	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)
3	Mining products	(S)	(S)	(Z)	(Z)	(Z)	(S)	(Z)
4	Logs and other forest products	2.7	(S)	(Z)	45.4	(Z)	(S)	(S)
5	Lumber and fabricated wood products	1.5	.9	(Z)	1.5	(Z)	(S)	(S)
6	Processed foods	(Z)	(Z)	(S)	(Z)	(Z)	(S)	.3
7	Textile mill products	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.2
8	Building materials	1.3	4.5	(Z)	.9	(Z)	2.9	.2
9	Household goods	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
10	Furniture or hardware	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
11	Paper products	(Z)	(S)	(Z)	(S)	(Z)	(Z)	(S)
12	Chemicals	(S)	(S)	(Z)	(Z)	(Z)	1.2	.3
13	Petroleum	(S)	.5	(Z)	(Z)	(Z)	2.2	(Z)
14	Plastics and/or rubber	(S)	(S)	(Z)	(Z)	(Z)	2.2	(S)
15	Primary metal products	1.3	.9	(Z)	1.7	(Z)	2.2	(Z)
16	Fabricated metal products	1.6	3.3	(S)	(S)	(S)	3.2	(S)
17	Machinery	10.4	5.7	(S)	(Z)	(S)	5.9	(Z)
18	Transportation equipment	(Z)	3.1	99.5	(Z)	17.7	1.5	2.3
19	Glass products	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)
20	Miscellaneous products of manufacturing	(S)	.5	(Z)	(Z)	(Z)	(S)	(Z)
21	Industrial water	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
22	Scrap, refuse, or garbage	(S)	6.4	(S)	(Z)	(S)	(S)	(Z)
23	Hazardous waste	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
24	Mixed cargoes	.9	(S)	(S)	(Z)	(Z)	(S)	.4
25	Craftsman's equipment	75.9	6.2	(S)	(Z)	(Z)	62.7	(Z)
26	Personal transportation	(S)	.5	2.1	(S)	1.2	1.3	(Z)
27	No load carried	21.3	15.5	8.0	.8	.5	13.3	2.1
28	Not in use	.5	1.2	3.6	.7	(S)	1.3	.7
29	Other	1.9	.6	(Z)	(Z)	(Z)	.8	(Z)
30	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	HAZARDOUS MATERIALS CARRIED							
31	Hazardous materials carried	2.4	.9	(S)	(Z)	(Z)	3.1	.3
32	Less than 10 percent of time	(S)	(S)	(S)	(Z)	(Z)	(S)	(S)
33	10 to 25 percent of time	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
34	26 to 49 percent of the time	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)
35	50 to 74 percent of the time	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
36	75 to 100 percent of the time	2.0	.5	(S)	(Z)	(Z)	2.1	(S)
37	No percent reported	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)
	Types of hazardous materials[2]:							
38	Flammable liquids	.6	(S)	(S)	(Z)	(Z)	.9	(S)
39	Combustible liquids	(Z)	(S)	(S)	(Z)	(Z)	(S)	(S)
40	Corrosive liquids	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
41	Poison B solids	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
42	Poison B liquids	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
43	Flammable solids	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
44	Oxidizers	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
45	Flammable gas	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
46	Nonflammable gas	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
47	Poison A	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
48	Corrosive solids	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
49	Explosives, A or B	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
50	Blasting agents	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
51	Radioactive materials	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
52	ORM-A, B, or C	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
53	ORM E	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
54	Hazardous materials not listed	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
55	Not reported	1.8	(S)	(Z)	(Z)	(Z)	2.2	(Z)
56	No hazardous materials carried	113.7	47.5	103.5	49.3	19.4	95.4	6.7
57	Not reported	5.4	3.0	12.2	2.8	.9	4.3	.5
	TRUCK FLEET SIZE[3]							
58	1	18.8	9.6	48.0	15.0	4.3	19.8	2.2
59	2 to 5	17.8	15.4	43.5	20.9	3.9	32.0	1.4
60	6 to 19	18.5	15.2	20.1	8.7	1.5	25.0	1.9
61	20 or more	66.3	11.2	4.4	7.5	10.7	25.9	1.9
	MILES PER GALLON							
62	Less than 5	22.4	8.4	4.1	15.2	7.2	2.7	1.7
63	5 to 6.9	29.7	18.0	23.3	24.5	8.4	13.4	3.0
64	7 to 8.9	23.4	13.1	29.2	5.9	.7	24.1	.8
65	9 to 11.9	28.0	8.4	35.1	5.3	2.5	35.7	1.0
66	12 to 14.9	11.6	2.6	13.8	(S)	1.0	18.3	(S)
67	15 to 19.9	3.3	(S)	7.8	(S)	.4	6.0	(Z)
68	20 or more	(S)	(Z)	(S)	(S)	(Z)	2.1	(Z)
69	Not reported	(S)	.8	2.1	(S)	(S)	.5	.3

See footnotes at end of table.

Body type—Con.									Relative standard error of estimate (percent) for total	
Oilfield truck	Grain body	Garbage hauler	Dump truck	Tank truck (liquids or gases)	Tank truck (dry bulk)	Concrete mixer	Other	Not reported		
(Z)	248.6	(S)	45.6	12.0	7.8	(Z)	(S)	(Z)	2.8	1
(S)	11.4	(Z)	1.4	.6	(Z)	(Z)	(S)	(Z)	5.6	2
1.0	(Z)	(Z)	24.4	2.4	.4	(Z)	(S)	(Z)	9.2	3
(S)	(S)	(Z)	11.6	(Z)	(Z)	(Z)	(Z)	(Z)	5.5	4
(Z)	(S)	(Z)	7.2	(Z)	(Z)	(Z)	7.5	(Z)	7.1	5
(Z)	1.2	(S)	1.0	4.3	2.0	(Z)	(S)	(Z)	3.9	6
(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	9.9	7
.1	(S)	(S)	353.7	1.4	10.0	55.6	(S)	(Z)	3.3	8
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.0	9
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	8.7	10
(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	8.8	11
.7	2.1	(Z)	4.3	31.9	8.6	(Z)	(Z)	(Z)	7.3	12
2.2	(Z)	(Z)	16.7	118.1	.3	(Z)	(S)	(Z)	4.5	13
(Z)	(Z)	(Z)	(S)	1.0	.9	(Z)	(Z)	(Z)	15.9	14
(S)	(S)	(Z)	1.3	(S)	(S)	(Z)	(Z)	(Z)	9.5	15
(S)	(Z)	(Z)	.4	(Z)	(Z)	(Z)	(S)	(Z)	8.1	16
2.5	(S)	(Z)	6.6	(S)	(S)	(Z)	(S)	(Z)	5.5	17
(Z)	(Z)	(Z)	1.3	(Z)	(Z)	(Z)	1.1	(Z)	6.0	18
(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	22.7	19
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	9.3	20
.7	(S)	(Z)	(S)	21.4	(Z)	(Z)	(Z)	(Z)	7.1	21
(Z)	1.5	48.7	41.7	10.3	(S)	(S)	(S)	(Z)	4.9	22
(Z)	(S)	(S)	.6	1.6	(S)	(Z)	(Z)	(Z)	21.6	23
(Z)	(S)	(Z)	1.9	(S)	.3	(Z)	.3	(Z)	4.6	24
8.4	(S)	(Z)	4.6	(Z)	(S)	(Z)	(S)	(Z)	3.0	25
(Z)	2.8	(Z)	19.7	(S)	(Z)	(Z)	(S)	(Z)	.5	26
6.7	4.7	(S)	24.8	3.4	(S)	.2	(S)	(Z)	2.4	27
.9	3.6	1.0	11.0	2.6	.2	(S)	(S)	(S)	9.7	28
.7	(S)	(Z)	.4	.5	(S)	(Z)	3.7	(Z)	9.7	29
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	30
3.0	2.3	(S)	3.3	100.9	3.0	(Z)	.2	(Z)	3.7	31
.2	1.0	(S)	.6	2.9	.9	(Z)	(S)	(Z)	3.6	32
(S)	(S)	(Z)	.6	2.9	.3	(Z)	(S)	(Z)	27.5	33
.5	(Z)	(Z)	.8	6.0	.3	(Z)	(Z)	(Z)	12.0	34
.3	(S)	(Z)	.2	14.6	.7	(Z)	(Z)	(Z)	8.4	35
1.4	(Z)	(Z)	.7	65.2	.4	(Z)	(Z)	(Z)	4.3	36
.4	1.0	(Z)	.4	9.2	.4	(Z)	(Z)	(Z)	13.0	37
1.6	(S)	(Z)	.5	65.6	1.3	(Z)	(S)	(Z)	4.8	38
.8	(S)	(Z)	.2	29.6	1.0	(Z)	(S)	(Z)	3.1	39
.6	(S)	(Z)	(Z)	7.6	.8	(Z)	(Z)	(Z)	5.0	40
(Z)	(Z)	(Z)	(Z)	.5	(S)	(Z)	(Z)	(Z)	5.0	41
(Z)	(Z)	(Z)	(Z)	.5	(Z)	(Z)	(Z)	(Z)	5.2	42
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	5.2	43
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	5.1	44
(Z)	(Z)	(Z)	(Z)	.1	(Z)	(Z)	(Z)	(Z)	5.3	45
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	5.4	46
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.0	47
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.9	48
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	14.4	49
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	24.3	50
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	26.7	51
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	23.4	52
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	47.3	53
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	54
1.4	2.1	(S)	2.8	35.0	1.7	(Z)	.1	(Z)	6.1	55
21.5	260.6	48.2	544.8	97.7	26.7	53.9	15.2	(Z)	.1	56
.6	15.3	2.4	33.4	14.4	1.8	2.4	2.1	(S)	3.8	57
4.7	54.2	6.9	137.7	33.3	3.5	8.0	6.0	(S)	.5	58
3.8	163.3	12.4	214.3	52.3	5.1	4.2	6.0	(Z)	1.3	59
8.4	52.3	11.5	133.2	71.7	7.4	18.7	2.6	(Z)	2.5	60
8.2	8.3	20.0	96.4	55.7	15.5	25.5	2.9	(Z)	2.5	61
5.4	34.1	21.3	97.9	48.0	8.5	26.4	2.0	(Z)	1.3	62
7.5	123.7	18.6	239.1	101.9	18.3	23.3	7.0	(Z)	1.2	63
5.6	70.9	4.5	108.7	38.4	3.3	3.7	4.6	(Z)	2.5	64
4.8	40.4	5.0	98.2	20.3	1.3	2.5	1.9	(S)	1.5	65
(S)	5.0	.8	26.0	1.5	(Z)	(Z)	1.4	(Z)	1.3	66
(S)	1.6	(S)	5.5	(S)	(Z)	(Z)	(S)	(Z)	1.3	67
(Z)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	1.5	68
.4	2.3	(S)	5.1	1.6	(Z)	(S)	(S)	(Z)	12.4	69

Table 8. **Trucks by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Body type						
		Public utility	Winch or crane	Wrecker	Pole or logging	Auto transport	Service truck	Yard tractor
	EQUIPMENT TYPE[4]							
1	Braking system	121.4	51.4	116.0	52.1	20.4	102.7	7.4
2	Hydraulic	32.6	10.3	30.4	7.9	2.2	33.9	(S)
3	Hydraulic (power)	56.0	16.8	49.9	7.1	3.3	58.8	(S)
4	Air	23.6	20.9	14.2	34.6	13.8	5.2	5.9
5	Not reported	9.3	3.4	21.5	2.5	1.0	4.8	.4
6	Power steering[2]	.7	.6	(S)	.6	(S)	.6	(Z)
7	Air conditioning[2]	(Z)	(S)	(S)	.4	(S)	(S)	(Z)
8	Engine retarder[2]	(Z)	(Z)	(S)	.3	(S)	(Z)	(Z)
9	Reflective materials[2]	(S)	(S)	(S)	.4	(S)	(S)	(Z)
10	Electronic vehicle management system[2]	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
11	Electronic vehicle identification device (transponder, etc.)[2]	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
12	Trip recorders[2]	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)
13	Navigational systems[2]	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
	FUEL CONSERVATION EQUIPMENT[2 4]							
14	Aerodynamic features	.6	.5	1.0	1.1	.3	.6	(S)
15	Axle or drive ratio	(S)	.4	(S)	.8	.2	(S)	(Z)
16	Fuel economy engine	(Z)	.3	(S)	.9	.4	(S)	(Z)
17	Radial tires	(S)	.4	(S)	.9	(S)	(S)	(Z)
18	Road speed governor	.1	.3	(S)	.5	(S)	(Z)	(Z)
19	Variable fan drives	.1	(Z)	(S)	.5	(S)	(Z)	(Z)
20	Other fuel conservation devices	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)
	MAINTENANCE[2]							
	General maintenance:							
21	Owner	17.5	19.0	64.7	31.5	6.4	43.8	1.7
22	Company's maintenance facilities	74.5	24.3	53.2	13.8	11.1	44.7	3.2
23	Dealership's service department	9.2	3.2	5.3	2.2	.4	7.8	.5
24	Leasing company	(S)	(S)	(Z)	(S)	(S)	(S)	(Z)
25	Independent garage	32.9	8.7	6.2	8.3	2.3	18.7	1.3
26	Component distributorship	2.7	.5	(S)	.8	.4	1.3	(Z)
27	No one	(Z)	(S)	(S)	.4	(Z)	(S)	(S)
28	Other	(Z)	(Z)	(Z)	.2	.3	(S)	(Z)
29	Not reported	4.0	1.6	6.0	3.1	1.5	2.4	.5
	Major overhauls:							
30	Owner	5.9	6.5	33.4	10.8	3.2	14.7	.8
31	Company's maintenance facilities	49.9	13.5	30.5	8.2	8.3	24.7	1.8
32	Dealership's service department	16.9	7.3	5.4	7.0	1.9	11.7	.8
33	Leasing company	(Z)	(S)	.2	(S)	(S)	(S)	(Z)
34	Independent garage	27.7	12.1	7.9	12.9	1.8	24.6	1.3
35	Component distributorship	7.4	3.1	.8	3.2	1.8	3.1	(Z)
36	No one	2.4	1.0	2.5	.8	(S)	2.3	(S)
37	Other	(Z)	(Z)	(Z)	(S)	(S)	(S)	(Z)
38	Not reported	24.0	12.9	44.0	14.3	4.5	30.0	2.2
	ENGINE TYPE AND SIZE							
39	Engine	121.4	51.4	116.0	52.1	20.4	102.7	7.4
40	Gasoline	97.8	30.5	98.4	18.8	4.0	87.3	3.1
41	Diesel	23.1	20.7	17.3	33.3	16.2	15.1	4.3
42	LPG or other	(S)	(Z)	(S)	(Z)	(S)	(S)	(Z)
43	Not reported	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)
44	Cylinders[5]	121.4	51.4	116.0	52.1	20.4	102.7	7.4
45	4	(Z)	(Z)	(S)	(Z)	(Z)	1.8	(Z)
46	6	16.9	8.2	9.9	18.2	9.4	11.0	1.9
47	8	88.4	23.7	83.7	12.0	5.9	78.6	2.0
48	Other	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
49	Not reported	16.2	19.6	22.2	21.9	5.0	11.4	3.5
50	Cubic inch displacement	121.4	51.2	115.9	52.1	20.2	102.7	7.4
51	Gasoline engines	97.8	30.5	98.4	18.8	4.0	87.3	3.1
52	Less than 200	(S)	(Z)	(Z)	(Z)	(S)	3.1	(Z)
53	200 to 299	9.7	2.0	4.4	1.9	(S)	4.4	(Z)
54	300 to 349	13.2	5.9	6.6	2.0	(S)	11.8	.8
55	350 to 399	56.9	13.9	54.6	9.0	2.0	44.8	.8
56	400 or more	13.0	6.0	25.6	2.5	.6	18.4	.5
57	Not reported[6]	4.2	2.6	7.2	3.4	.7	4.7	(S)
58	Diesel engines	23.1	20.7	17.3	33.3	16.2	15.1	4.3
59	Less than 400	2.0	3.6	3.4	2.9	1.4	4.8	.6
60	400 to 599	15.0	6.5	6.6	3.2	9.3	6.2	.5
61	600 to 799	4.4	5.1	2.2	8.1	.8	2.5	.9
62	800 or more	(S)	2.9	2.2	14.0	2.8	.3	.7
63	Not reported[6]	1.6	2.8	3.0	5.1	1.9	1.3	1.5
64	Other engines	(S)	(Z)	(S)	(Z)	(S)	(S)	(Z)
65	Less than 400	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)
66	400 or more	(S)	(Z)	(S)	(Z)	(S)	(Z)	(Z)
67	Not reported[6]	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
68	Horsepower	121.4	51.2	115.9	52.1	20.2	102.7	7.4
69	Gasoline engines	97.8	30.5	98.4	18.8	4.0	87.3	3.1
70	Less than 100	.7	(S)	(S)	(S)	(S)	.7	(Z)
71	100 to 199	68.9	16.3	54.7	7.9	1.9	59.7	1.6
72	200 to 249	18.8	7.8	24.0	4.3	.6	15.5	.4
73	250 or more	3.1	2.4	9.0	2.3	(S)	5.6	.2
74	Not reported[6]	6.3	3.9	10.0	3.9	.8	5.8	1.0

See footnotes at end of table.

Body type—Con.									Relative stardard error of estimate (percent) for total	
Oilfield truck	Grain body	Garbage hauler	Dump truck	Tank truck (liquids or gases)	Tank truck (dry bulk)	Concrete mixer	Other	Not reported		
25.1	278.1	50.8	581.6	213.0	31.5	56.4	17.5	(S)	.5	1
6.2	106.0	4.1	129.0	37.7	5.7	1.7	2.9	(Z)	1.0	2
7.5	89.2	6.2	139.7	46.8	2.8	1.8	6.2	(Z)	1.0	3
11.0	62.2	38.7	268.0	118.8	21.0	50.2	5.7	(Z)	.5	4
.5	20.8	1.8	44.9	9.7	2.0	2.8	(S)	(S)	4.6	5
.6	.4	(S)	2.8	1.9	.4	.6	(S)	(Z)	.8	6
.1	.3	(S)	1.1	1.1	(S)	(S)	(S)	(Z)	1.1	7
.1	(S)	(Z)	1.0	.6	(Z)	(S)	(Z)	(Z)	8.2	8
(Z)	.4	(S)	1.2	1.9	.5	.2	(S)	(Z)	3.7	9
(Z)	(Z)	(Z)	(S)	.2	(Z)	(S)	(Z)	(Z)	12.8	10
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	21.8	11
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	17.1	12
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	39.8	13
(S)	1.9	.9	6.7	5.3	1.5	1.0	(S)	(Z)	1.8	14
(Z)	1.4	.4	4.5	4.2	1.3	.9	(S)	(Z)	2.2	15
.3	1.2	.6	3.6	4.0	1.4	.6	(S)	(Z)	2.3	16
.5	.6	.5	2.7	2.7	.9	.4	(Z)	(Z)	.6	17
.1	.6	(S)	1.2	1.8	.4	.3	(Z)	(Z)	4.2	18
.4	.4	(S)	1.1	1.9	.6	.5	(Z)	(Z)	4.3	19
(Z)	(S)	(S)	.3	.7	.2	(S)	(Z)	(Z)	6.0	20
9.0	213.5	16.7	311.3	69.4	8.9	13.6	9.2	(Z)	.6	21
15.5	24.5	31.8	210.5	106.6	20.1	44.6	4.9	(Z)	1.9	22
.9	11.0	1.1	23.3	16.0	1.6	1.4	.9	(Z)	1.8	23
(Z)	.9	(S)	2.4	2.1	.5	.9	(S)	(Z)	9.1	24
2.7	33.5	5.9	84.6	42.6	3.4	2.3	3.5	(Z)	1.2	25
(S)	1.4	1.7	5.4	3.3	.5	.7	(Z)	(Z)	8.1	26
(S)	2.4	(Z)	2.9	(S)	(Z)	(S)	(S)	(Z)	6.8	27
(Z)	.6	(Z)	.8	1.6	(Z)	(S)	(S)	(Z)	12.4	28
.5	12.8	1.8	24.2	7.0	1.5	1.3	1.2	(S)	3.3	29
1.8	63.3	7.7	106.8	16.5	2.7	5.9	1.6	(Z)	1.8	30
7.9	11.3	21.6	122.2	54.4	11.6	28.1	2.7	(Z)	2.6	31
2.6	20.4	6.1	57.1	35.7	5.9	7.7	2.4	(Z)	2.1	32
(S)	1.0	.6	2.5	1.6	(S)	.9	(S)	(Z)	10.0	33
4.4	57.6	8.7	118.5	57.9	6.7	7.7	5.4	(Z)	1.5	34
1.0	4.6	4.0	21.8	12.0	3.1	4.8	(S)	(Z)	5.0	35
(S)	18.0	(S)	17.9	3.4	(S)	.8	(S)	(Z)	3.0	36
(Z)	1.2	(S)	1.4	1.4	(Z)	(S)	(Z)	(Z)	12.1	37
7.5	107.8	8.9	173.0	48.5	4.8	9.4	5.0	(S)	.8	38
25.1	278.1	50.8	581.6	213.0	31.5	56.4	17.5	(S)	.1	39
13.4	225.9	12.1	333.7	93.3	9.6	2.7	9.1	(Z)	.2	40
11.7	50.2	38.7	246.3	113.1	21.8	53.2	8.3	(Z)	1.8	41
(Z)	.3	(Z)	(S)	5.9	(Z)	(Z)	(Z)	(Z)	20.8	42
(Z)	1.8	(Z)	1.5	.6	(Z)	.5	(Z)	(S)	14.4	43
25.1	278.1	50.8	581.6	213.0	31.5	56.4	17.5	(S)	.1	44
(Z)	.3	(Z)	(S)	.2	(Z)	(Z)	(Z)	(Z)	1.7	45
5.6	33.7	21.0	133.2	61.9	14.0	25.1	4.3	(Z)	1.2	46
13.7	104.8	12.7	227.6	73.7	7.3	2.9	8.5	(Z)	.7	47
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	44.5	48
5.8	139.4	17.1	220.4	77.0	10.2	28.4	4.6	(S)	2.1	49
25.1	276.3	50.8	580.1	212.4	31.5	55.9	17.5	(Z)	.1	50
13.4	225.9	12.1	333.7	93.3	9.6	2.7	9.1	(Z)	.2	51
(Z)	1.6	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	1.4	52
(S)	34.5	(S)	29.6	5.2	(S)	(S)	(S)	(Z)	2.0	53
(S)	36.6	.7	49.6	12.6	1.4	(Z)	.5	(Z)	1.3	54
8.7	78.1	5.7	150.1	46.7	5.0	(S)	4.6	(Z)	1.2	55
2.9	23.6	3.7	48.1	14.8	1.7	1.4	1.8	(Z)	3.1	56
(S)	51.5	1.5	55.2	13.8	1.2	.6	2.2	(Z)	3.3	57
11.7	50.2	38.7	246.3	113.1	21.8	53.2	8.3	(Z)	1.8	58
1.1	7.2	2.2	27.4	10.7	1.3	4.3	1.0	(Z)	4.6	59
3.5	9.1	8.9	44.3	21.8	2.3	7.3	2.3	(Z)	4.3	60
2.6	7.3	18.3	77.3	30.5	6.8	25.2	1.2	(Z)	1.5	61
2.9	15.5	4.2	55.0	34.0	9.4	9.1	1.4	(Z)	.9	62
1.5	11.1	5.2	42.3	16.2	2.0	7.3	2.3	(Z)	5.1	63
(Z)	.3	(Z)	(S)	5.9	(Z)	(Z)	(Z)	(Z)	20.8	64
(Z)	(S)	(Z)	(S)	4.0	(Z)	(Z)	(Z)	(Z)	18.2	65
(Z)	(S)	(Z)	(Z)	1.3	(Z)	(Z)	(Z)	(Z)	28.1	66
(Z)	(S)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	67
25.1	276.3	50.8	580.1	212.4	31.5	55.9	17.5	(Z)	.1	68
13.4	225.9	12.1	333.7	93.3	9.6	2.7	9.1	(Z)	.2	69
(Z)	8.9	(Z)	5.7	1.0	(Z)	(Z)	(S)	(Z)	2.1	70
9.4	111.8	5.6	169.8	41.7	5.5	.6	4.5	(Z)	.5	71
2.8	40.5	3.7	71.7	28.2	1.8	1.2	1.6	(Z)	2.9	72
.7	13.0	1.2	21.9	7.0	1.1	.3	.8	(Z)	5.4	73
.5	51.7	1.6	64.7	15.5	1.2	.4	2.0	(Z)	2.6	74

Table 8. **Trucks by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Body type						
		Public utility	Winch or crane	Wrecker	Pole or logging	Auto transport	Service truck	Yard tractor
	ENGINE TYPE AND SIZE—Con.							
	Horsepower—Con.							
1	Diesel engines	23.1	20.7	17.3	33.3	16.2	15.1	4.3
2	Less than 250	19.9	11.0	9.3	6.6	6.7	12.3	1.7
3	250 to 349	1.4	5.6	3.6	10.5	6.2	.9	1.3
4	350 to 449	(S)	1.4	1.1	12.8	1.8	(Z)	.4
5	450 or more	(Z)	(Z)	(Z)	.6	(Z)	(Z)	(Z)
6	Not reported[6]	1.6	2.7	3.2	2.8	1.4	1.9	.9
7	Other engines	(S)	(Z)	(S)	(Z)	(S)	(S)	(Z)
8	Less than 250	(S)	(Z)	(Z)	(Z)	(S)	(S)	(Z)
9	250 or more	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
10	Not reported[6]	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
	TRUCK TYPE AND AXLE ARRANGEMENT							
11	Single-unit trucks	102.3	45.3	112.9	21.9	5.7	100.0	1.4
12	2 axles	96.5	31.6	107.4	14.3	5.6	97.9	1.2
13	3 axles	5.6	12.9	5.0	6.4	(S)	1.9	.2
14	4 axles or more	(S)	.8	(S)	1.2	(Z)	(S)	(Z)
15	Combinations	19.1	6.1	3.1	30.2	14.6	2.7	6.0
16	Single-unit truck with trailer	2.2	(S)	(S)	3.0	(S)	(S)	(Z)
17	4 axles	1.8	(S)	(S)	.6	(Z)	(Z)	(Z)
18	5 axles or more	.4	(S)	(S)	2.4	(S)	(S)	(Z)
19	Single-unit truck with utility trailer	16.0	2.2	1.5	3.3	.7	2.5	(S)
20	3 axles	10.7	.9	(S)	.5	(S)	(S)	(S)
21	4 axles	4.2	.5	(S)	.5	(S)	1.3	(S)
22	5 axles or more	1.1	.8	(S)	2.4	(S)	(S)	(Z)
23	Truck-tractor with single trailer	1.0	2.5	.8	23.9	13.8	(S)	5.8
24	3 axles	(S)	(Z)	(S)	.9	(S)	(Z)	.8
25	4 axles	(S)	.6	(S)	4.8	3.1	(Z)	3.0
26	5 axles or more	(S)	1.8	.2	18.1	10.4	(Z)	2.0
27	Truck-tractor with double trailers	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
28	5 axles	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
29	6 axles	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
30	7 axles or more	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
31	Truck-tractor with triple trailers	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
32	7 axles	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
33	8 axles or more	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
34	Trailer not specified	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
35	Powered axles	121.4	51.4	116.0	52.1	20.4	102.7	7.4
36	1	109.5	35.4	102.0	19.3	14.6	97.6	5.1
37	2	9.6	15.1	13.1	32.3	5.7	4.8	2.2
38	3 or more	2.3	.9	.8	.5	(Z)	(S)	(S)
39	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	CAB TYPE[7]							
40	Cab forward of engine	1.6	.5	1.2	1.2	.5	.6	(S)
41	Cab over engine	7.4	5.5	2.7	4.5	3.4	2.8	1.7
42	Conventional cab	102.0	41.7	91.4	43.3	14.9	94.0	4.7
43	Cab beside engine	(S)	.9	(S)	(S)	(Z)	(S)	(S)
44	Other	2.7	.5	2.0	.9	(S)	2.4	(Z)
45	Not reported	7.0	2.4	18.4	2.0	1.0	2.2	.4

Note: Some data cells may have high relative standard errors of estimate (RSE's). See appendix B for approximating the RSE's for the data cells. Some unpublished estimates can be derived from this table by subtracting published data from their respective totals. However, the figures obtained by such subtraction are subject to high sampling variability or poor response quality. These unpublished data are for internal use only. The U.S. data may vary from the sum of the State reports because of rounding.

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.
[2]Detail does not add to total because items were not applicable or multiple responses were possible.
[3]When no response was obtained, a fleet size of one truck was assumed.
[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.
[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.
[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.
[7]Pickups, panels, vans, and mini-vans are not included.

Body type—Con.									Relative stardard error of estimate (percent) for total	
Oilfield truck	Grain body	Garbage hauler	Dump truck	Tank truck (liquids or gases)	Tank truck (dry bulk)	Concrete mixer	Other	Not reported		
11.7	50.2	38.7	246.3	113.1	21.8	53.2	8.3	(Z)	1.8	1
4.3	14.3	25.7	97.6	36.4	3.8	30.9	4.4	(Z)	3.0	2
4.4	13.1	7.3	74.3	37.1	10.8	14.9	1.6	(Z)	1.1	3
1.5	13.6	1.4	42.1	25.6	5.8	1.3	.2	(Z)	1.2	4
(Z)	.3	(Z)	1.4	.8	(S)	(Z)	(Z)	(Z)	7.0	5
1.5	8.8	4.2	31.0	13.2	1.3	6.2	2.1	(Z)	5.9	6
(Z)	.3	(Z)	(S)	5.9	(Z)	(Z)	(Z)	(Z)	20.8	7
(Z)	(S)	(Z)	(Z)	4.8	(Z)	(Z)	(Z)	(Z)	17.1	8
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	9
(Z)	(S)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	10
20.3	244.7	49.1	457.3	143.9	13.3	54.3	6.5	(Z)	.1	11
14.4	199.4	22.2	316.2	123.5	9.5	4.0	6.1	(Z)	.1	12
5.4	43.1	25.9	116.1	19.4	3.4	38.3	.4	(Z)	1.7	13
.4	2.2	1.0	25.0	1.0	.4	12.0	(Z)	(Z)	4.1	14
4.9	33.4	1.6	124.3	69.1	18.2	2.1	11.0	(S)	2.0	15
(S)	1.4	(S)	10.7	2.2	.3	(S)	2.7	(Z)	5.7	16
(Z)	(S)	(Z)	3.1	(S)	(Z)	(S)	2.0	(Z)	9.4	17
(S)	1.3	(S)	7.6	1.7	.3	(Z)	.7	(Z)	6.6	18
1.3	1.9	(Z)	39.5	2.0	(S)	1.5	(S)	(Z)	6.2	19
(S)	.5	(Z)	7.0	.5	(Z)	(Z)	(S)	(Z)	10.7	20
(S)	1.0	(Z)	16.8	.4	(S)	(S)	(S)	(Z)	8.5	21
(S)	.5	(Z)	15.6	1.1	(S)	1.1	(S)	(Z)	8.0	22
3.5	28.1	1.5	71.3	63.8	16.3	.4	6.1	(Z)	.6	23
(S)	1.2	(S)	1.1	1.4	(S)	(Z)	.5	(Z)	3.3	24
.6	5.0	(S)	11.6	7.4	1.6	(S)	3.6	(Z)	1.7	25
2.6	21.9	1.2	58.6	55.1	14.7	(S)	2.0	(Z)	.8	26
(Z)	2.0	(Z)	2.8	1.0	1.3	(Z)	(Z)	(Z)	5.2	27
(Z)	1.3	(Z)	1.7	.9	.9	(Z)	(Z)	(Z)	6.0	28
(Z)	.4	(Z)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	15.0	29
(Z)	.3	(Z)	.9	(S)	.3	(Z)	(Z)	(Z)	11.0	30
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	21.7	31
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	25.3	32
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	41.5	33
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	34
25.1	278.1	50.8	581.6	213.0	31.5	56.4	17.5	(S)	.1	35
16.4	227.2	25.1	359.6	133.9	12.9	6.3	15.5	(Z)	.4	36
8.6	50.2	25.5	216.2	78.1	18.6	43.3	2.0	(Z)	1.2	37
.2	.7	(S)	5.7	1.0	(Z)	6.7	(Z)	(Z)	8.3	38
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	39
(S)	5.1	1.6	10.0	3.5	.2	1.7	(Z)	(Z)	4.7	40
2.4	31.7	21.4	27.2	36.7	4.0	2.3	2.1	(Z)	1.2	41
20.7	225.8	26.6	505.9	165.6	26.9	47.8	12.8	(Z)	.4	42
.3	.6	(S)	1.6	(S)	(S)	2.2	(Z)	(Z)	8.0	43
(S)	3.1	(S)	5.7	1.2	(Z)	.9	(S)	(Z)	4.6	44
(S)	11.8	.7	31.2	5.5	.3	1.4	(S)	(S)	5.5	45

Table 9. **Trucks by Principal Products Carried: 1987**

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

	Vehicular and operational characteristics	Total	Products carried					
			Farm products	Live animals	Mining products	Logs and other forest products	Lumber and fabricated wood products	Processed foods
1	**Total trucks**	**44 572.2**	**1 557.8**	**554.1**	**52.8**	**158.8**	**353.2**	**629.5**
2	Relative standard error (percent)	.1	2.8	5.6	9.2	5.5	7.1	3.9
	MAJOR USE							
3	Agriculture	3 536.9	1 365.5	513.8	1.0	15.2	(S)	52.6
4	Forestry and lumbering	282.2	(S)	(S)	(Z)	100.0	40.7	(Z)
5	Mining and quarrying	204.6	(Z)	(Z)	30.9	(Z)	(S)	(Z)
6	Construction	4 478.5	18.0	(Z)	3.5	17.7	198.8	.6
7	Manufacturing	581.2	3.6	(S)	1.2	(S)	14.8	44.6
8	Wholesale trade	969.5	39.7	7.4	1.2	1.3	15.0	266.7
9	Retail trade	1 537.1	33.4	3.3	1.7	1.7	43.9	189.8
10	For-hire transportation	796.1	43.0	11.8	12.6	12.0	15.7	53.3
11	Utilities	472.4	(S)	(Z)	(S)	2.6	1.4	(Z)
12	Services	1 980.8	53.0	8.9	(S)	5.5	7.6	19.4
13	Daily rental	147.6	.5	(S)	(Z)	(Z)	.3	2.3
14	One way rental	33.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
15	Personal transportation	29 291.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
16	Other	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)
17	Not in use	258.5	(S)	(S)	(Z)	(S)	(Z)	(Z)
18	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	BODY TYPE							
19	Pickup	27 662.6	716.4	389.1	11.6	40.8	195.2	99.9
20	Mini-van	1 713.8	6.2	(S)	(Z)	(Z)	(S)	16.0
21	Panel or van	5 173.7	55.1	(S)	(Z)	(S)	28.2	86.2
22	Utility	3 772.1	9.6	(S)	(S)	(S)	(S)	21.4
23	Station wagon	1 363.7	(S)	5.6	(S)	(Z)	(S)	(S)
24	Multistop or walk-in	484.0	16.3	1.5	(S)	(S)	2.3	88.6
25	Platform with added devices	253.6	61.6	7.1	3.2	6.0	7.4	4.1
26	Low boy or depressed center	93.8	3.7	1.4	.4	2.0	1.6	1.0
27	Basic platform	1 261.2	295.7	55.4	5.6	33.2	81.0	15.6
28	Livestock truck	59.8	5.1	50.1	(Z)	(S)	(Z)	(Z)
29	Insulated nonrefrigerated van	29.3	6.9	1.5	(Z)	(S)	(S)	11.2
30	Insulated refrigerated van	157.9	26.4	4.8	(Z)	(Z)	(Z)	115.7
31	Drop-frame van	65.8	(S)	.3	(Z)	(Z)	(S)	2.9
32	Open-top van	17.1	8.1	.4	(S)	3.5	.5	(S)
33	Basic enclosed van	669.9	28.7	2.5	.6	3.2	10.9	78.0
34	Beverage	68.4	(S)	(Z)	(Z)	(Z)	(Z)	66.8
35	Public utility	121.4	(Z)	(Z)	(S)	2.7	1.5	(Z)
36	Winch or crane	51.4	(S)	(Z)	(S)	(S)	.9	(Z)
37	Wrecker	116.0	(Z)	(S)	(Z)	(Z)	(Z)	(S)
38	Pole or logging	52.1	(S)	(S)	(Z)	45.4	1.5	(Z)
39	Auto transport	20.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
40	Service truck	102.7	(Z)	(Z)	(S)	(S)	(S)	(S)
41	Yard tractor	7.4	(S)	(Z)	(Z)	(S)	(S)	.3
42	Oilfield truck	25.1	(Z)	(S)	1.0	(S)	(Z)	(Z)
43	Grain body	278.1	248.6	11.4	(Z)	(S)	(S)	1.2
44	Garbage hauler	50.8	(S)	(Z)	(Z)	(Z)	(Z)	(S)
45	Dump truck	581.6	45.6	1.4	24.4	11.6	7.2	1.0
46	Tank truck (liquids or gases)	213.0	12.0	.6	2.4	(Z)	(Z)	4.3
47	Tank truck (dry bulk)	31.5	7.8	(Z)	.4	(Z)	(Z)	2.0
48	Concrete mixer	56.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
49	Other	17.5	(S)	(S)	(S)	(Z)	7.5	(S)
50	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	ANNUAL MILES							
51	Less than 5,000	11 288.3	732.8	156.6	11.9	43.8	45.5	61.8
52	5,000 to 9,999	10 447.3	319.3	124.0	6.6	26.8	70.2	105.8
53	10,000 to 19,999	15 376.7	314.8	175.7	7.9	37.6	106.0	214.5
54	20,000 to 29,999	4 755.1	63.9	44.2	4.7	14.9	81.5	94.2
55	30,000 to 49,999	1 870.3	61.7	31.4	9.2	13.4	27.5	61.7
56	50,000 to 74,999	421.6	32.1	10.1	6.5	12.2	9.6	30.9
57	75,000 or more	412.9	33.2	12.0	5.9	9.9	12.9	60.5
	RANGE OF OPERATION							
58	Local	33 684.8	1 111.5	332.1	28.5	102.8	255.2	403.5
59	Short-range	6 612.0	176.5	141.1	15.1	37.1	60.9	152.0
60	Long-range	1 997.3	49.2	29.8	2.2	6.8	30.1	64.7
61	Off-the-road	1 933.7	220.0	50.8	7.0	12.0	6.9	9.2
62	Not reported	344.4	.6	(S)	(Z)	(S)	(Z)	(S)
	BASE OF OPERATION							
	Percentage of miles traveled outside base-of-operation State:							
63	Less than 25 percent	36 048.0	1 287.6	462.4	42.2	130.4	290.8	495.5
64	25 to 49 percent	1 669.5	18.7	13.7	2.1	8.6	12.4	20.6
65	50 to 74 percent	1 325.8	34.7	15.9	3.2	5.4	6.4	25.3
66	75 to 100 percent	1 595.7	41.8	17.6	2.3	3.7	17.7	42.8
67	Not reported	3 933.2	174.9	44.6	2.9	10.7	25.8	45.3

See footnotes at end of table.

Products carried—Con.									
Textile mill products	Building materials	Household goods	Furniture or hardware	Paper products	Chemicals	Petroleum	Plastics and/or rubber	Primary metal products	
215.0	**1 140.6**	**138.6**	**180.3**	**198.8**	**375.6**	**242.9**	**95.1**	**169.1**	1
9.9	3.3	6.0	8.7	8.8	7.3	4.5	15.9	9.5	2
(S)	47.9	4.5	(S)	(S)	85.9	28.1	.5	(S)	3
(Z)	5.9	(Z)	(S)	2.2	(Z)	4.1	(Z)	(S)	4
(Z)	11.8	(Z)	(Z)	(Z)	5.7	6.2	(S)	3.4	5
42.6	888.4	(S)	22.2	(S)	135.7	58.1	13.1	86.5	6
23.6	19.0	(Z)	21.8	45.9	13.2	8.2	19.9	22.0	7
21.6	18.2	(S)	12.7	34.9	30.1	51.0	27.8	12.0	8
69.9	36.6	4.3	91.4	44.8	26.2	56.8	17.5	3.7	9
10.6	69.6	49.8	10.8	26.1	16.2	19.2	8.0	31.1	10
(Z)	8.4	(S)	(S)	(Z)	(S)	4.3	(S)	3.9	11
43.9	28.9	17.5	19.5	32.5	60.7	6.6	(S)	5.4	12
.3	5.7	25.8	1.3	(S)	.4	(S)	(S)	.3	13
(Z)	(S)	31.3	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	14
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	15
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	16
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	17
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	18
31.2	410.7	16.9	62.0	39.4	170.9	63.6	44.0	57.0	19
11.3	(S)	(S)	3.9	6.5	5.2	(Z)	(S)	(S)	20
100.8	66.8	17.9	37.8	71.7	74.9	(S)	8.2	19.8	21
(S)	17.2	(Z)	(S)	9.4	7.2	(S)	(Z)	(S)	22
(Z)	(S)	(Z)	(S)	(S)	(S)	(Z)	(Z)	(Z)	23
22.4	10.7	16.3	15.2	10.9	7.9	(S)	2.9	1.3	24
(S)	33.1	(S)	1.5	.8	11.3	7.3	1.0	2.3	25
(Z)	9.4	.2	(S)	(Z)	.4	.4	(S)	.9	26
6.1	138.3	6.4	6.3	8.1	26.5	17.7	9.1	61.5	27
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	28
1.5	(Z)	(Z)	.2	.6	.4	(S)	.5	(Z)	29
(S)	(S)	(Z)	(S)	.4	.4	(S)	(S)	(Z)	30
.3	.8	32.8	11.1	(S)	(S)	(S)	.3	(S)	31
(Z)	.2	(Z)	(Z)	(S)	(S)	(Z)	(Z)	.5	32
28.3	16.3	45.3	37.7	45.8	15.9	5.4	15.4	6.1	33
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	34
(Z)	1.3	(S)	(Z)	(Z)	(S)	(S)	(S)	1.3	35
(Z)	4.5	(Z)	(Z)	(S)	(S)	.5	(S)	.9	36
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	37
(Z)	.9	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	1.7	38
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	39
(Z)	2.9	(Z)	(Z)	(Z)	1.2	2.2	2.2	2.2	40
.2	.2	(S)	(S)	(S)	.3	(Z)	(S)	(Z)	41
(Z)	.1	(Z)	(Z)	(Z)	.7	2.2	(Z)	(S)	42
(Z)	(S)	(Z)	(Z)	(Z)	2.1	(Z)	(Z)	(S)	43
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	44
(S)	353.7	(Z)	(Z)	(S)	4.3	16.7	(S)	1.3	45
(Z)	1.4	(Z)	(Z)	(Z)	31.9	118.1	1.0	(S)	46
(Z)	10.0	(Z)	(Z)	(Z)	8.6	.3	.9	(S)	47
(Z)	55.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	48
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	49
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	50
32.1	267.3	11.1	42.7	20.6	68.1	55.8	20.1	24.3	51
28.9	203.1	24.5	38.5	35.8	57.1	43.9	8.8	29.6	52
73.8	355.8	60.6	40.7	48.9	141.8	67.7	16.7	40.7	53
35.8	138.0	16.6	27.9	41.6	53.8	26.2	31.3	25.2	54
31.9	105.8	10.5	16.7	28.2	30.6	21.6	7.0	20.4	55
(S)	41.1	10.2	5.3	9.8	11.9	11.5	3.6	13.3	56
7.4	29.5	5.3	8.6	13.7	12.3	16.2	7.5	15.6	57
133.7	844.9	63.4	135.4	121.5	265.9	164.7	64.8	95.2	58
50.0	196.7	18.5	25.2	49.6	72.3	58.8	20.1	38.6	59
23.7	31.2	23.5	16.5	22.2	13.4	10.3	9.0	29.1	60
(S)	67.6	(S)	3.2	5.4	24.0	9.1	1.2	6.1	61
(Z)	(S)	30.5	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	62
164.4	959.2	70.0	133.7	158.2	315.3	208.6	71.9	121.3	63
12.0	37.2	3.9	9.0	7.7	7.1	7.9	3.5	10.5	64
7.2	29.6	4.4	6.8	11.1	8.3	7.5	3.5	10.8	65
17.0	38.3	16.6	10.7	13.5	10.4	6.1	6.2	17.9	66
14.4	76.4	43.7	20.2	8.3	34.5	12.9	(S)	8.6	67

Table 9. **Trucks by Principal Products Carried: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Products carried					
			Farm products	Live animals	Mining products	Logs and other forest products	Lumber and fabricated wood products	Processed foods
	VEHICLE SIZE							
1	Light	40 947.3	903.3	430.8	15.9	65.6	257.5	337.2
2	Medium	1 029.6	166.3	53.3	3.6	17.2	25.5	53.2
3	Light-heavy	766.1	208.5	29.8	2.9	15.5	22.7	57.6
4	Heavy-heavy	1 828.8	279.7	40.2	30.4	60.6	47.4	181.5
	AVERAGE WEIGHT (POUNDS)							
5	Less than 6,001	38 056.6	747.0	339.2	12.0	38.8	209.0	238.7
6	6,001 to 10,000	2 890.6	156.2	91.6	3.9	26.7	48.5	98.5
7	10,001 to 14,000	524.9	65.1	24.8	(S)	7.2	11.1	20.2
8	14,001 to 16,000	242.0	45.1	15.7	.9	4.5	8.2	15.2
9	16,001 to 19,500	262.7	56.0	12.9	(S)	5.5	6.2	17.9
10	19,501 to 26,000	766.1	208.5	29.8	2.9	15.5	22.7	57.6
11	26,001 to 33,000	376.9	93.5	11.3	3.7	6.4	9.3	45.0
12	33,001 to 40,000	208.5	37.7	4.1	.8	4.0	7.3	16.9
13	40,001 to 50,000	292.2	51.4	4.6	2.8	5.8	6.1	18.9
14	50,001 to 60,000	187.9	13.9	2.3	2.3	4.1	3.0	12.1
15	60,001 to 80,000	722.7	78.4	17.5	17.5	35.6	20.9	87.8
16	80,001 to 100,000	28.2	3.1	.4	2.6	4.3	.5	.6
17	100,001 to 130,000	7.8	.9	(Z)	.6	.4	.3	.1
18	130,001 or more	4.4	.7	(Z)	(S)	(S)	(Z)	(Z)
19	Not reported	.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
	TOTAL LENGTH (FEET)							
20	Less than 13.0	3 607.8	46.3	23.7	(S)	(S)	(S)	30.5
21	13.0 to 15.9	11 615.3	124.5	60.1	(S)	11.6	44.0	101.0
22	16.0 to 19.9	25 180.1	712.9	319.0	17.1	47.9	187.8	180.5
23	20.0 to 27.9	2 050.1	456.0	69.6	10.1	37.2	52.9	122.8
24	28.0 to 35.9	659.5	99.9	25.8	7.1	11.5	13.0	59.3
25	36.0 to 40.9	292.6	8.3	27.3	2.0	3.8	2.4	8.8
26	41.0 to 44.9	70.9	2.3	2.4	1.1	1.1	(S)	5.2
27	45.0 or more	1 095.6	107.5	26.2	13.7	42.1	39.5	121.5
28	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	YEAR MODEL							
29	1988	86.8	(S)	(Z)	(Z)	(Z)	(S)	.3
30	1987	2 862.1	47.3	18.7	(S)	4.5	17.8	46.1
31	1986	4 729.2	58.8	43.6	3.0	8.7	41.9	60.0
32	1985	3 939.2	78.7	31.7	4.2	5.8	20.4	60.5
33	1984	3 398.7	54.4	39.7	4.5	4.2	35.0	58.1
34	1983	2 484.7	32.5	18.8	2.0	2.2	26.1	34.0
35	1982	2 102.9	37.8	36.3	2.4	2.2	(S)	36.5
36	1981	1 820.6	53.5	28.7	3.7	12.1	15.8	31.8
37	1980	1 800.0	51.2	17.1	(S)	13.2	10.8	29.5
38	1979	3 187.2	101.8	62.9	5.0	11.0	20.9	55.0
39	1978	2 898.9	107.1	36.6	3.0	12.2	31.2	50.3
40	Pre-1978	15 248.2	930.2	220.0	17.7	82.4	117.5	167.6
41	Not reported	(S)	(S)	(Z)	(S)	(S)	(Z)	(Z)
	VEHICLE ACQUISITION							
42	Purchased new	21 087.4	599.4	292.8	27.6	48.3	180.0	373.2
43	Purchased used	22 324.7	925.5	248.1	24.3	105.6	163.1	214.9
44	Leased from someone else	749.6	16.2	7.3	.4	(S)	6.5	35.7
45	Not reported	410.5	16.7	5.9	.4	1.5	(S)	5.7
	LEASE CHARACTERISTICS[1 2]							
46	Leased without driver	974.8	29.3	6.8	1.2	5.6	11.4	46.9
47	Leased with driver	123.2	4.9	.7	1.9	.8	2.1	8.4
48	Leased with owner-operator	264.4	7.7	3.6	2.5	1.3	3.3	16.3
49	Not reported	82.5	1.7	(S)	(Z)	(S)	.2	1.0
	Provisions of lease:							
50	Financing	489.3	16.3	5.7	.6	.7	6.4	18.3
51	Full maintenance	190.3	7.7	.9	1.1	1.0	3.4	19.3
52	Maintenance on specific parts	76.1	1.2	(S)	(S)	(S)	.3	1.8
53	Payment of taxes	208.0	6.6	.5	(S)	.8	2.3	15.0
54	Obtaining licenses and permits	231.2	11.2	2.5	(S)	1.3	5.2	25.5
55	Record keeping for leased trucks	121.6	4.7	.7	(S)	.9	2.6	13.5
56	Other	66.2	(S)	(S)	.3	.3	(S)	5.1

See footnotes at end of table.

Products carried—Con.									
Textile mill products	Building materials	Household goods	Furniture or hardware	Paper products	Chemicals	Petroleum	Plastics and/or rubber	Primary metal products	
181.0	598.3	64.9	134.2	144.3	285.4	84.9	68.4	101.9	1
14.2	95.3	27.6	19.4	11.3	19.9	25.2	6.8	10.4	2
5.6	99.3	14.3	8.4	10.8	23.3	49.2	3.7	7.2	3
14.2	347.7	31.8	18.3	32.5	47.0	83.7	16.2	49.6	4
150.6	473.9	32.7	105.5	122.8	245.2	58.7	47.6	78.0	5
30.3	124.3	32.1	28.6	21.5	40.3	26.2	20.8	23.8	6
7.3	42.1	8.2	9.3	6.1	6.8	7.8	5.0	4.3	7
2.5	25.1	7.9	5.7	1.4	4.6	7.5	.7	2.7	8
4.4	28.2	11.5	4.4	3.9	8.4	9.8	1.0	3.4	9
5.6	99.3	14.3	8.4	10.8	23.3	49.2	3.7	7.2	10
2.3	49.2	6.3	3.1	4.1	10.4	21.9	2.2	3.8	11
1.6	31.2	4.2	4.1	2.6	3.9	10.1	1.4	3.3	12
1.6	79.1	8.3	3.7	4.0	4.8	7.7	2.4	3.9	13
2.5	50.7	6.9	3.1	2.7	3.1	4.8	1.6	2.9	14
6.2	127.3	6.1	4.4	18.8	24.2	36.5	8.6	34.7	15
(Z)	6.7	(Z)	(Z)	.1	.2	1.8	(Z)	.4	16
(Z)	1.9	(Z)	(Z)	(S)	.3	.5	(Z)	(S)	17
(Z)	1.7	(Z)	(Z)	(Z)	(S)	.4	(Z)	.5	18
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	19
13.2	32.6	(S)	(S)	19.3	33.8	4.8	(S)	(S)	20
58.3	113.2	11.9	23.6	41.6	71.6	14.4	(S)	22.5	21
100.6	474.4	37.6	95.3	80.1	177.9	73.4	47.6	61.8	22
22.5	280.5	45.7	26.2	20.1	50.7	91.0	10.9	17.3	23
6.1	102.0	13.6	14.3	6.8	9.3	15.5	4.5	9.8	24
(S)	32.3	1.0	1.2	(S)	1.6	2.5	.2	1.9	25
(Z)	7.1	.4	(S)	(S)	(S)	.9	(Z)	.5	26
13.5	98.5	27.4	17.4	29.6	30.6	40.4	15.2	43.1	27
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	28
(Z)	(S)	(Z)	(Z)	.1	.1	(S)	(Z)	.1	29
27.1	58.1	8.9	9.8	22.9	26.8	16.1	1.9	8.9	30
16.5	85.2	12.2	13.1	32.7	34.5	15.7	22.0	23.8	31
26.9	86.0	12.9	24.4	30.1	39.4	15.4	9.6	8.4	32
23.4	56.4	6.2	12.6	11.1	39.4	12.3	6.8	13.9	33
6.2	46.4	4.4	8.0	8.2	19.8	6.7	(S)	5.1	34
10.1	60.1	7.1	6.3	3.7	27.2	9.9	(S)	6.7	35
12.6	46.4	9.1	18.1	5.3	19.7	13.6	(S)	7.8	36
6.7	53.1	7.6	4.6	16.0	18.7	13.2	2.3	8.8	37
10.8	84.8	9.3	16.5	25.6	29.4	18.8	3.4	13.4	38
31.6	75.0	8.0	20.9	7.9	21.8	15.0	6.6	13.6	39
43.2	488.2	52.1	46.0	35.0	98.9	105.0	25.4	58.6	40
(Z)	(S)	(S)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	41
124.8	502.7	82.3	108.7	128.3	186.5	126.7	52.3	87.2	42
80.7	601.3	46.6	64.4	58.4	166.2	107.2	29.3	69.0	43
8.9	22.4	6.0	5.8	10.3	18.6	5.9	(S)	9.3	44
(S)	14.2	(S)	(S)	1.8	(S)	3.1	(S)	(S)	45
9.2	43.8	59.4	13.3	13.8	13.7	9.5	3.7	9.5	46
(S)	18.5	3.7	.4	1.5	2.3	1.9	(S)	4.4	47
(S)	20.9	5.7	1.1	4.7	(S)	3.4	(S)	8.2	48
(S)	3.0	(S)	(S)	(S)	.3	.8	(Z)	.4	49
2.1	19.1	.8	5.3	3.9	8.7	4.8	(S)	4.5	50
5.7	11.6	3.4	6.7	8.1	4.6	3.9	(S)	4.2	51
(S)	1.6	.6	(S)	.3	(S)	.4	(S)	.3	52
2.1	8.1	3.9	5.2	5.1	4.0	3.2	1.6	4.2	53
2.6	14.5	8.1	5.9	9.5	7.4	5.3	3.8	10.2	54
2.1	8.3	3.5	3.3	4.2	4.2	2.9	1.6	4.5	55
.5	3.9	1.7	(S)	1.0	.6	.5	.5	2.5	56

Table 9. **Trucks by Principal Products Carried: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Products carried					
			Farm products	Live animals	Mining products	Logs and other forest products	Lumber and fabricated wood products	Processed foods
	OPERATOR CLASSIFICATION							
1	Not for hire	43 597.9	1 513.4	541.8	40.2	146.3	336.1	567.1
2	Business use	13 703.5	1 469.8	513.6	38.8	143.8	308.6	561.5
3	Personal transportation	29 348.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
4	Mixed-business use/personal transportation	545.9	43.6	28.2	(S)	(S)	27.5	(S)
5	For hire	793.4	42.9	11.8	12.5	12.0	15.7	53.3
6	Motor carrier	534.9	21.5	5.5	7.2	5.3	8.2	37.2
7	Owner/operator	257.0	21.4	6.2	5.3	6.6	7.5	16.0
8	Independent	161.9	16.5	5.4	3.2	5.7	4.5	5.9
9	Leased to a company	95.1	4.9	.8	2.1	.8	3.0	10.1
10	Not reported	1.5	.1	(S)	(Z)	.2	(Z)	.1
11	Daily rental	147.9	.5	(S)	(Z)	(Z)	.3	2.3
12	Mixed-not for hire/for hire	2.9	.5	(Z)	(Z)	(Z)	(S)	(S)
	For-hire jurisdiction:							
13	Interstate	372.8	24.1	6.7	3.1	2.5	8.8	41.0
14	Intrastate	207.6	13.5	3.8	5.3	6.3	5.1	9.5
15	Local	211.6	5.4	1.3	4.1	3.2	1.9	2.7
16	Not reported	1.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	Type of carrier (interstate only):							
17	Contract	78.0	4.8	.8	.9	.8	2.7	10.9
18	Common	261.1	10.4	1.7	2.0	1.0	5.8	26.0
19	Exempt	18.9	7.1	3.6	(Z)	.5	.1	2.3
20	Not reported	14.7	1.9	.7	(S)	.3	.2	1.8
	HAZARDOUS MATERIALS CARRIED							
21	Hazardous materials carried	340.1	6.5	(S)	3.2	.6	1.3	10.4
22	Less than 10 percent of time	114.2	3.6	(S)	.5	(S)	.8	7.5
23	10 to 25 percent of time	27.5	.4	(Z)	(S)	(Z)	(S)	.8
24	26 to 49 percent of the time	17.9	(S)	(Z)	.7	(Z)	(S)	.2
25	50 to 74 percent of the time	24.7	(Z)	(Z)	(S)	(S)	(Z)	(S)
26	75 to 100 percent of the time	94.4	(S)	(Z)	1.0	(Z)	(S)	(Z)
27	No percent reported	61.4	2.1	(S)	(S)	(S)	(S)	1.2
	Types of hazardous materials[2]:							
28	Flammable liquids	197.6	2.0	(Z)	1.6	(S)	1.0	5.2
29	Combustible liquids	95.2	.9	(Z)	(S)	(Z)	.4	1.6
30	Corrosive liquids	70.0	.7	(Z)	(S)	(Z)	.4	1.6
31	Poison B solids	30.8	(S)	(Z)	(Z)	(Z)	(Z)	.5
32	Poison B liquids	29.2	(S)	(Z)	(Z)	(Z)	(Z)	.5
33	Flammable solids	28.7	(S)	(Z)	(Z)	(Z)	(Z)	.5
34	Oxidizers	28.0	(S)	(Z)	(Z)	(Z)	(Z)	.5
35	Flammable gas	26.2	(S)	(Z)	(Z)	(Z)	(Z)	.5
36	Nonflammable gas	26.1	(S)	(Z)	(Z)	(Z)	(Z)	.5
37	Poison A	20.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
38	Corrosive solids	21.4	(S)	(Z)	(Z)	(Z)	(Z)	.5
39	Explosives, A or B	4.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
40	Blasting agents	1.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
41	Radioactive materials	1.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
42	ORM-A, B, or C	2.0	(S)	(Z)	(Z)	(Z)	(Z)	(S)
43	ORM E	3.4	(S)	(Z)	(Z)	(Z)	(Z)	(S)
44	Hazardous materials not listed	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
45	Not reported	139.0	4.5	(S)	1.6	(S)	.3	5.0
46	No hazardous materials carried	43 281.5	1 430.5	518.7	48.1	150.5	339.5	582.0
47	Not reported	950.6	120.8	33.2	1.5	7.7	12.4	37.1
	TRUCK FLEET SIZE[3]							
48	1	29 026.2	539.3	236.3	13.2	55.1	150.2	193.3
49	2 to 5	11 094.4	730.5	256.6	13.7	66.6	138.3	121.8
50	6 to 19	2 397.2	233.2	49.2	14.9	21.5	42.8	105.3
51	20 or more	2 054.4	54.8	11.9	10.9	15.6	21.9	209.1
	MILES PER GALLON							
52	Less than 5	640.8	92.0	17.7	13.7	25.8	14.8	63.6
53	5 to 6.9	1 823.1	307.3	62.5	16.6	46.1	44.2	153.0
54	7 to 8.9	2 470.5	260.8	77.5	4.1	18.4	36.7	97.6
55	9 to 11.9	8 593.1	376.3	142.3	5.2	36.4	69.9	124.7
56	12 to 14.9	10 747.9	252.9	121.2	4.2	23.8	77.7	75.9
57	15 to 19.9	11 096.5	188.3	100.5	8.0	6.1	76.4	73.5
58	20 or more	9 032.2	79.8	32.2	(S)	(S)	33.3	41.3
59	Not reported	168.1	(S)	(S)	(Z)	(Z)	(Z)	(Z)

See footnotes at end of table.

Products carried—Con.									
Textile mill products	Building materials	Household goods	Furniture or hardware	Paper products	Chemicals	Petroleum	Plastics and/or rubber	Primary metal products	
204.1	1 064.5	63.3	168.2	170.0	358.7	223.4	86.2	137.7	1
198.4	1 036.0	61.6	164.7	165.5	332.9	222.1	86.2	131.6	2
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3
(S)	28.5	(S)	(S)	(S)	25.8	(S)	(Z)	(S)	4
10.5	69.4	49.5	10.8	26.0	16.2	19.1	8.0	31.1	5
9.1	37.1	37.3	7.2	14.2	11.9	13.3	5.0	16.8	6
1.4	32.2	12.1	3.4	11.8	4.4	5.7	3.0	14.3	7
.6	23.6	6.8	(S)	4.9	1.8	2.3	(S)	3.6	8
.8	8.7	5.3	1.1	6.9	2.5	3.4	2.6	10.6	9
(Z)	.1	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	10
.3	5.7	25.7	1.3	(S)	.4	(S)	(S)	.3	11
(S)	.4	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	12
6.0	20.3	21.7	5.3	14.8	10.3	8.3	6.2	22.8	13
2.1	23.6	6.1	2.5	5.1	4.2	7.9	1.2	6.1	14
2.4	25.5	21.7	(S)	6.1	1.7	2.8	.6	2.2	15
(Z)	(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	16
1.4	6.3	2.8	2.1	3.6	3.1	2.6	1.6	4.8	17
4.5	12.9	18.1	3.0	11.1	6.7	5.2	4.6	17.0	18
(Z)	.5	(S)	(S)	(S)	(S)	(S)	(Z)	(Z)	19
(Z)	.6	(S)	(S)	(Z)	.4	(S)	(Z)	1.0	20
3.3	6.2	(S)	.9	5.2	47.0	98.9	5.3	2.7	21
2.7	1.4	(S)	.8	4.1	4.6	2.8	4.2	1.9	22
.1	.4	(Z)	(S)	.7	(S)	2.6	(S)	(S)	23
(S)	.3	(Z)	(Z)	(S)	4.9	4.4	(S)	(S)	24
(Z)	(S)	(Z)	(Z)	(S)	6.4	12.1	(S)	(Z)	25
(Z)	(S)	(Z)	(Z)	(Z)	15.4	65.1	.3	(Z)	26
.3	(S)	(S)	(S)	(S)	6.2	11.9	(S)	(S)	27
1.3	2.1	(S)	.7	3.9	25.4	62.6	2.5	.7	28
.8	.9	(S)	(S)	2.0	11.8	25.3	.6	.4	29
.7	(S)	(Z)	(S)	2.1	9.7	4.4	.5	.4	30
(S)	(Z)	(Z)	(Z)	.4	1.1	(S)	(S)	(Z)	31
(S)	(Z)	(Z)	(Z)	.4	.9	(S)	(Z)	(Z)	32
(S)	(Z)	(Z)	(Z)	.4	.7	(S)	(Z)	(Z)	33
(S)	(Z)	(Z)	(Z)	.4	.5	(S)	(Z)	(Z)	34
(S)	(Z)	(Z)	(Z)	(S)	.2	.3	(Z)	(Z)	35
(S)	(Z)	(Z)	(Z)	(S)	.3	(S)	(Z)	(Z)	36
(S)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	37
(S)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	38
(Z)	(Z)	(Z)	(Z)	(Z)	.2	(Z)	(Z)	(Z)	39
(Z)	(Z)	(Z)	(Z)	(Z)	.2	(Z)	(Z)	(Z)	40
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	41
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	42
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	43
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	44
1.9	4.1	(S)	(S)	1.2	21.2	36.1	2.8	2.0	45
195.4	1 056.3	98.7	172.6	171.5	315.3	126.0	87.2	162.3	46
16.3	78.1	38.2	6.8	22.1	13.3	17.9	2.6	4.1	47
108.7	368.9	35.7	64.4	81.9	129.2	44.7	31.8	51.8	48
52.0	361.7	22.3	78.3	58.7	127.7	71.3	33.6	54.2	49
13.6	230.8	16.8	20.6	20.1	72.9	80.0	20.3	31.2	50
40.7	179.3	63.9	17.0	38.2	45.8	46.8	9.4	31.9	51
4.2	117.6	9.0	4.1	9.3	14.9	37.4	6.3	18.3	52
21.0	268.2	38.4	26.1	28.6	47.9	78.0	11.8	34.0	53
21.0	153.1	17.1	24.2	17.7	41.4	40.4	11.8	19.9	54
52.6	212.8	36.3	46.4	45.9	64.9	43.4	19.7	36.1	55
51.0	173.5	21.9	39.6	43.5	63.1	19.8	18.0	41.8	56
44.6	129.3	12.5	30.7	36.5	85.9	13.9	(S)	6.4	57
20.7	85.9	3.4	9.3	17.2	57.5	9.9	(S)	(S)	58
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	59

Table 9. **Trucks by Principal Products Carried: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Products carried: Farm products	Live animals	Mining products	Logs and other forest products	Lumber and fabricated wood products	Processed foods
	EQUIPMENT TYPE[4]							
1	Braking system	4 886.2	768.6	139.6	39.4	109.3	124.3	393.3
2	Hydraulic	1 332.0	290.9	54.0	3.5	22.9	36.9	83.5
3	Hydraulic (power)	1 389.3	245.1	47.7	3.8	25.4	37.8	110.5
4	Air	1 695.2	178.1	30.9	27.7	54.3	44.0	171.6
5	Not reported	469.8	54.5	7.0	4.4	6.7	5.6	27.7
6	Power steering[2]	20 530.8	292.6	163.3	9.9	21.4	112.4	135.5
7	Air conditioning[2]	13 571.5	166.6	103.4	7.8	8.2	56.6	91.8
8	Engine retarder[2]	8.9	.8	(S)	(S)	.4	.3	1.6
9	Reflective materials[2]	97.5	2.9	.7	.3	.8	1.1	13.1
10	Electronic vehicle management system[2]	4.1	.2	(Z)	(Z)	(S)	.2	1.1
11	Electronic vehicle identification device (transponder, etc.)[2]	1.5	(S)	(Z)	(Z)	(Z)	.1	.5
12	Trip recorders[2]	3.0	(S)	(Z)	(Z)	(Z)	.1	1.3
13	Navigational systems[2]	.7	(S)	(Z)	(Z)	(Z)	(Z)	.1
	FUEL CONSERVATION EQUIPMENT[2 4]							
14	Aerodynamic features	340.7	16.0	3.5	1.4	2.9	5.7	52.4
15	Axle or drive ratio	226.7	9.9	2.5	1.4	2.2	3.6	36.6
16	Fuel economy engine	191.6	8.1	2.0	.9	2.2	2.8	30.5
17	Radial tires	26 069.1	340.7	199.4	10.7	25.4	147.4	171.7
18	Road speed governor	43.1	2.6	.7	.3	.8	1.0	9.5
19	Variable fan drives	39.4	2.1	.7	(S)	.7	.8	9.3
20	Other fuel conservation devices	20.7	1.1	.1	(S)	.2	.5	5.0
	MAINTENANCE[2]							
	General maintenance:							
21	Owner	26 385.0	1 004.5	343.9	24.2	97.5	179.1	153.0
22	Company's maintenance facilities	3 684.1	160.0	33.0	22.3	30.4	41.9	228.2
23	Dealership's service department	6 294.0	138.6	63.9	5.1	11.0	42.4	96.1
24	Leasing company	179.9	9.1	1.8	(S)	(S)	3.5	13.1
25	Independent garage	12 138.2	347.5	158.5	12.5	29.0	124.6	224.1
26	Component distributorship	396.4	10.4	2.9	1.2	(S)	(S)	9.1
27	No one	540.7	10.7	(S)	(S)	.6	(S)	.8
28	Other	166.5	5.3	.6	(S)	.2	.3	1.4
29	Not reported	1 922.1	86.7	23.7	1.4	5.6	8.1	18.5
	Major overhauls:							
30	Owner	6 591.6	257.3	81.9	9.1	32.8	48.4	34.0
31	Company's maintenance facilities	2 034.6	67.5	12.1	11.2	16.7	20.5	167.1
32	Dealership's service department	4 702.1	156.8	42.3	9.2	19.0	44.9	87.8
33	Leasing company	170.5	5.9	(S)	.1	(S)	2.2	9.8
34	Independent garage	8 489.8	347.5	116.3	13.8	38.9	117.7	157.3
35	Component distributorship	868.3	33.6	8.8	3.1	6.8	8.2	21.8
36	No one	2 623.4	80.1	29.3	.3	3.7	9.0	12.7
37	Other	209.1	6.2	(S)	(S)	(S)	.4	(S)
38	Not reported	20 373.2	673.6	267.1	13.0	48.5	125.2	186.2
	ENGINE TYPE AND SIZE							
39	Engine	44 572.2	1 557.8	554.1	52.8	158.8	353.2	629.5
40	Gasoline	41 768.3	1 359.7	497.3	22.4	102.3	295.5	415.7
41	Diesel	2 733.0	192.0	55.6	30.4	56.2	57.0	212.3
42	LPG or other	45.3	(S)	(S)	(Z)	(Z)	(S)	1.4
43	Not reported	25.6	4.0	(S)	(Z)	(S)	(Z)	(S)
44	Cylinders[5]	44 572.2	1 557.8	554.1	52.8	158.8	353.2	629.5
45	4	7 744.0	38.3	25.4	(S)	(S)	45.9	48.9
46	6	10 527.3	255.0	71.4	20.6	37.3	80.1	189.8
47	8	22 521.5	862.4	394.3	15.9	70.2	181.1	283.9
48	Other	17.8	.5	(S)	(Z)	(S)	(S)	(S)
49	Not reported	3 761.6	401.7	62.9	15.8	47.2	45.7	106.6
50	Cubic inch displacement	44 546.6	1 553.8	553.9	52.8	158.5	353.1	629.4
51	Gasoline engines	41 768.3	1 359.7	497.3	22.4	102.3	295.5	415.7
52	Less than 200	10 542.7	66.6	29.6	(S)	(S)	51.1	59.0
53	200 to 299	4 975.5	161.4	40.6	(S)	8.7	26.7	45.5
54	300 to 349	10 342.5	276.7	107.7	3.3	21.6	89.0	89.0
55	350 to 399	11 765.4	546.7	200.3	12.0	45.8	91.1	165.6
56	400 or more	2 379.5	139.2	84.9	1.1	9.7	25.6	26.7
57	Not reported[6]	1 762.8	169.0	34.2	.9	12.2	11.9	29.9
58	Diesel engines	2 733.0	192.0	55.6	30.4	56.2	57.0	212.3
59	Less than 400	789.6	41.4	14.7	4.0	6.0	10.3	32.9
60	400 to 599	633.0	44.1	17.3	2.5	6.8	12.0	47.8
61	600 to 799	365.2	23.3	2.6	9.3	11.6	8.9	33.3
62	800 or more	560.6	52.9	11.7	9.5	22.9	16.7	71.7
63	Not reported[6]	384.8	30.3	9.4	5.1	8.8	9.1	26.6
64	Other engines	45.3	(S)	(S)	(Z)	(Z)	(S)	1.4
65	Less than 400	30.5	(S)	(S)	(Z)	(Z)	(Z)	1.0
66	400 or more	4.0	(S)	(S)	(Z)	(Z)	(Z)	(S)
67	Not reported[6]	(S)	(S)	(S)	(Z)	(Z)	(S)	(S)
68	Horsepower	44 546.6	1 553.8	553.9	52.8	158.5	353.1	629.4
69	Gasoline engines	41 768.3	1 359.7	497.3	22.4	102.3	295.5	415.7
70	Less than 100	5 073.2	59.6	23.6	(S)	(S)	35.9	35.9
71	100 to 199	30 201.3	890.9	360.7	17.8	63.4	204.8	299.6
72	200 to 249	2 734.6	169.6	64.4	3.3	16.2	33.7	44.4
73	250 or more	469.3	39.8	14.9	.4	4.7	4.9	9.2
74	Not reported[6]	3 289.8	199.8	33.8	.7	13.7	16.2	26.5

See footnotes at end of table.

Products carried—Con.									
Textile mill products	Building materials	Household goods	Furniture or hardware	Paper products	Chemicals	Petroleum	Plastics and/or rubber	Primary metal products	
59.7	640.3	101.8	72.6	69.0	113.1	172.0	34.5	81.3	1
18.7	130.2	46.3	21.3	13.8	33.1	31.9	7.0	16.4	2
22.7	137.8	23.0	25.8	16.1	29.3	48.0	9.9	14.1	3
15.5	328.0	29.1	21.0	35.0	44.0	83.8	16.0	47.9	4
2.9	44.3	3.4	4.6	4.1	6.7	8.3	1.6	2.9	5
101.2	250.4	18.4	57.8	79.2	136.1	32.5	35.6	44.8	6
54.6	137.8	9.5	40.7	57.3	83.8	19.2	22.4	30.8	7
.2	.7	(Z)	.4	.3	.1	.4	(S)	.2	8
2.7	3.4	31.6	2.1	3.9	1.1	1.6	.6	1.6	9
(Z)	(S)	(Z)	(S)	.2	(Z)	(S)	(S)	(S)	10
(Z)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	11
(Z)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	12
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	13
7.4	12.8	47.1	11.9	15.7	5.0	5.2	4.6	5.5	14
5.6	8.5	33.2	7.4	9.5	3.6	3.1	2.7	3.5	15
5.2	7.7	33.2	5.9	8.5	2.8	2.8	2.5	3.2	16
115.2	305.7	21.1	71.3	90.3	179.3	35.3	39.6	50.0	17
1.3	2.2	.3	1.4	2.7	.8	.9	.3	.6	18
1.0	2.1	.8	1.4	2.7	1.0	.7	.3	.7	19
.5	.8	(S)	.6	1.9	.5	.5	.2	.3	20
52.9	532.6	31.6	53.2	46.3	164.8	92.1	19.2	55.8	21
44.9	358.2	70.4	29.3	37.6	74.9	108.6	34.4	44.9	22
22.1	115.7	20.1	38.2	33.1	45.1	18.3	18.4	17.4	23
(S)	7.3	.8	5.1	6.7	1.5	1.3	.7	3.9	24
96.8	254.7	29.6	83.5	98.0	153.7	49.3	30.3	63.3	25
(S)	10.7	(S)	(S)	3.3	3.2	2.7	(S)	1.6	26
(Z)	(S)	(S)	(S)	(S)	(S)	(Z)	(Z)	(S)	27
(S)	1.9	(S)	(S)	(S)	.9	.8	(S)	(S)	28
12.2	45.7	4.4	5.6	(S)	9.2	8.5	1.6	6.0	29
10.1	159.1	10.2	11.2	11.8	21.2	27.4	6.6	12.1	30
24.4	198.5	51.6	10.6	23.5	37.9	53.0	16.4	20.5	31
36.1	153.6	19.0	21.3	27.5	46.7	34.7	13.6	24.2	32
(S)	8.1	.2	2.9	3.5	(S)	1.6	(S)	2.7	33
70.3	258.4	30.4	57.1	63.0	103.6	67.1	23.3	51.0	34
(S)	30.4	5.6	3.9	5.1	18.2	9.4	2.3	7.3	35
1.5	31.1	4.8	6.7	5.7	13.5	5.4	(S)	3.2	36
(S)	2.5	(S)	(S)	(S)	(S)	(S)	(S)	(S)	37
68.4	358.7	26.6	76.9	69.6	147.4	56.9	29.0	57.6	38
215.0	1 140.6	138.6	180.3	198.8	375.6	242.9	95.1	169.1	39
191.0	782.5	102.9	145.3	152.2	314.6	149.9	72.2	114.3	40
23.6	357.0	35.7	34.3	46.5	60.5	86.9	22.9	54.6	41
(S)	.1	(Z)	(S)	(Z)	(S)	5.9	(Z)	(S)	42
(Z)	1.1	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	43
215.0	1 140.6	138.6	180.3	198.8	375.6	242.9	95.1	169.1	44
23.5	66.3	(S)	10.5	10.9	58.9	(S)	(S)	3.9	45
64.2	299.7	37.9	46.9	69.4	91.9	57.4	23.2	49.9	46
113.7	522.1	63.3	105.7	98.6	174.8	121.7	51.9	87.4	47
(Z)	(Z)	(S)	(S)	(S)	(Z)	(Z)	(S)	(Z)	48
13.6	252.6	34.6	16.9	19.4	50.0	60.7	7.7	27.8	49
215.0	1 139.6	138.6	180.3	198.7	375.2	242.7	95.1	169.1	50
191.0	782.5	102.9	145.3	152.2	314.6	149.9	72.2	114.3	51
24.0	80.2	(S)	11.5	19.7	76.4	(S)	(S)	14.1	52
31.3	93.8	6.5	(S)	17.0	33.8	7.4	12.6	5.9	53
65.2	192.5	31.5	42.3	45.2	58.2	29.5	24.3	22.5	54
62.2	280.9	43.2	58.6	51.9	103.9	72.9	18.5	59.1	55
(S)	80.7	6.8	11.2	6.0	25.7	18.8	3.7	10.3	56
3.8	54.5	10.2	7.8	(S)	16.6	14.8	3.6	2.4	57
23.6	357.0	35.7	34.3	46.5	60.5	86.9	22.9	54.6	58
4.7	60.1	6.8	11.6	8.7	10.4	12.6	2.5	5.8	59
5.4	63.6	7.3	6.9	8.4	17.7	20.0	5.7	9.8	60
2.4	102.2	3.3	3.1	6.7	9.2	20.9	2.5	7.1	61
7.9	75.5	12.7	8.1	15.6	15.5	22.3	7.5	24.1	62
3.3	55.6	5.6	4.5	7.1	7.7	11.2	4.8	7.9	63
(S)	.1	(Z)	(S)	(Z)	(S)	5.9	(Z)	(S)	64
(S)	(S)	(Z)	(S)	(Z)	(S)	4.1	(Z)	(Z)	65
(S)	(Z)	(Z)	(Z)	(Z)	(Z)	1.2	(Z)	(S)	66
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	67
215.0	1 139.6	138.6	180.3	198.7	375.2	242.7	95.1	169.1	68
191.0	782.5	102.9	145.3	152.2	314.6	149.9	72.2	114.3	69
21.3	52.8	(S)	5.0	7.8	27.5	(S)	(S)	(S)	70
148.2	520.1	66.6	116.6	118.1	230.3	92.9	54.1	94.0	71
8.9	113.2	22.1	7.2	13.8	29.5	29.0	5.3	11.8	72
(Z)	26.5	2.2	2.4	.4	5.5	6.5	.8	3.2	73
(S)	69.9	11.4	14.2	(S)	21.7	19.8	3.6	3.3	74

Table 9. **Trucks by Principal Products Carried: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Products carried: Farm products	Live animals	Mining products	Logs and other forest products	Lumber and fabricated wood products	Processed foods
	ENGINE TYPE AND SIZE—Con.							
	Horsepower—Con.							
1	Diesel engines	2 733.0	192.0	55.6	30.4	56.2	57.0	212.3
2	Less than 250	1 356.4	73.8	26.4	5.9	12.5	21.6	85.5
3	250 to 349	534.4	42.7	8.4	11.0	17.1	13.3	51.5
4	350 to 449	373.7	45.2	11.8	9.8	20.3	13.5	45.3
5	450 or more	11.2	1.5	.3	.3	.8	.1	1.1
6	Not reported[6]	457.3	28.8	8.6	3.5	5.5	8.5	28.8
7	Other engines	45.3	(S)	(S)	(Z)	(Z)	(S)	1.4
8	Less than 250	32.1	(S)	(S)	(Z)	(Z)	(Z)	1.3
9	250 or more	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)
10	Not reported[6]	(S)	(S)	(S)	(Z)	(Z)	(S)	(S)
	TRUCK TYPE AND AXLE ARRANGEMENT							
11	Single-unit trucks	42 916.5	1 424.3	480.3	34.4	104.3	309.4	491.1
12	2 axles	42 465.4	1 328.6	474.8	23.6	92.6	303.6	480.9
13	3 axles	398.0	91.3	5.2	7.3	9.8	5.5	8.9
14	4 axles or more	53.1	4.5	(S)	3.6	1.9	(S)	1.2
15	Combinations	1 655.7	133.5	73.9	18.4	54.5	43.8	138.5
16	Single-unit truck with trailer	59.6	4.2	4.2	.5	3.5	4.7	2.1
17	4 axles	29.0	(S)	2.2	(S)	.6	3.0	1.3
18	5 axles or more	30.5	3.1	2.0	.3	2.9	1.7	.7
19	Single-unit truck with utility trailer	537.5	30.6	44.8	(S)	12.2	4.0	(S)
20	3 axles	232.2	(S)	13.9	(Z)	6.9	1.1	(S)
21	4 axles	257.5	13.3	30.0	(S)	1.4	2.0	.5
22	5 axles or more	47.8	2.9	(S)	.4	3.9	.9	.6
23	Truck-tractor with single trailer	1 023.4	94.4	24.4	15.6	38.5	34.7	130.3
24	3 axles	86.5	4.2	1.2	(S)	1.6	1.7	19.1
25	4 axles	230.8	18.3	5.0	1.8	6.8	10.2	22.4
26	5 axles or more	706.1	72.0	18.2	13.6	30.1	22.7	88.8
27	Truck-tractor with double trailers	34.3	4.2	(S)	.3	.3	.4	1.3
28	5 axles	26.7	3.1	(S)	(S)	(S)	(S)	1.1
29	6 axles	5.0	.6	(Z)	(Z)	(Z)	(Z)	(S)
30	7 axles or more	2.7	.5	(Z)	.1	.1	.1	.1
31	Truck-tractor with triple trailers	.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
32	7 axles	.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
33	8 axles or more	.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
34	Trailer not specified	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
35	Powered axles	44 572.2	1 557.8	554.1	52.8	158.8	353.2	629.5
36	1	34 550.3	1 242.3	404.1	22.8	90.9	296.5	498.7
37	2	9 985.1	310.5	149.1	29.0	67.2	55.8	129.5
38	3 or more	36.7	4.9	1.0	1.0	.7	.8	1.3
39	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	CAB TYPE[7]							
40	Cab forward of engine	84.6	16.0	3.4	.7	1.8	1.6	6.0
41	Cab over engine	809.5	95.6	22.2	2.9	12.0	23.0	115.1
42	Conventional cab	3 455.0	605.0	102.4	31.1	90.1	95.3	218.7
43	Cab beside engine	40.0	2.8	1.1	(S)	(S)	(Z)	9.1
44	Other	109.2	9.3	2.0	.6	1.6	(S)	18.7
45	Not reported	388.1	39.7	8.4	(S)	3.6	3.1	25.7
	PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS							
46	Total	39 686.0	789.2	414.5	13.4	49.5	228.8	236.2
47	Pickups	27 662.6	716.4	389.1	11.6	40.8	195.2	99.9
48	Mini-vans	1 713.8	6.2	(S)	(Z)	(Z)	(S)	16.0
49	Panels or vans	5 173.7	55.1	(S)	(Z)	(S)	28.2	86.2
50	Utilities	3 772.1	9.6	(S)	(S)	(S)	(S)	21.4
51	Station wagons	1 363.7	(S)	5.6	(S)	(Z)	(S)	(S)
52	Driving wheels	39 686.0	789.2	414.5	13.4	49.5	228.8	236.2
53	4-wheel drive	8 778.1	169.5	124.5	4.4	17.5	27.5	26.9
54	2-wheel drive	30 907.9	619.8	290.0	8.9	32.0	201.4	209.3
55	Front-wheel drive	1 215.3	24.2	11.0	(Z)	(S)	(S)	11.9
56	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

See footnotes at end of table.

Products carried—Con.									
Textile mill products	Building materials	Household goods	Furniture or hardware	Paper products	Chemicals	Petroleum	Plastics and/or rubber	Primary metal products	
23.6	357.0	35.7	34.3	46.5	60.5	86.9	22.9	54.6	1
9.0	164.4	12.5	15.5	16.5	25.8	37.1	7.1	12.7	2
5.8	98.8	10.3	8.1	16.7	13.9	24.9	4.7	16.3	3
4.2	47.3	7.5	3.8	8.1	12.0	14.7	5.8	18.8	4
(S)	1.2	.3	(S)	.3	.3	.7	(S)	(S)	5
4.5	45.2	5.2	6.6	4.9	8.6	9.5	5.2	6.6	6
(S)	.1	(Z)	(S)	(Z)	(S)	5.9	(Z)	(S)	7
(S)	(Z)	(Z)	(S)	(Z)	(S)	4.9	(Z)	(Z)	8
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	9
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	10
200.5	976.3	110.0	161.5	167.9	340.2	198.2	78.5	122.2	11
200.3	797.3	109.5	161.1	167.0	333.4	183.6	77.7	118.2	12
(S)	144.7	.5	.4	.8	6.5	13.2	.9	3.8	13
(Z)	34.3	(Z)	(Z)	(S)	(S)	1.4	(Z)	(S)	14
14.5	164.3	28.6	18.9	30.9	35.4	44.7	16.5	46.9	15
(S)	11.6	(S)	(S)	(Z)	.2	2.0	(S)	1.6	16
(Z)	3.6	(S)	(S)	(Z)	(S)	(S)	(S)	.9	17
(S)	7.9	(Z)	(S)	(Z)	(Z)	1.6	(S)	.7	18
(S)	55.2	.6	.8	(S)	4.0	3.7	(S)	2.1	19
(Z)	15.8	(S)	.7	(S)	3.0	2.4	(S)	(S)	20
(S)	20.5	(S)	(S)	(S)	.8	.5	(S)	1.5	21
(Z)	18.9	(Z)	(Z)	(S)	.2	.8	(S)	.4	22
13.4	93.9	27.9	17.6	29.1	30.5	38.8	13.4	42.9	23
1.4	1.7	2.3	3.7	1.9	1.4	.8	.6	.6	24
3.6	15.2	11.6	6.2	6.4	4.6	4.2	2.7	5.5	25
8.4	77.0	13.9	7.8	20.8	24.4	33.8	10.1	36.9	26
.1	3.6	.1	(S)	.7	.8	(S)	(S)	(S)	27
(S)	2.4	.1	(S)	.4	.6	(S)	(Z)	(S)	28
(Z)	(S)	(Z)	(S)	.3	(S)	(Z)	(S)	(Z)	29
(Z)	.9	(Z)	(Z)	(S)	.1	(S)	(Z)	(S)	30
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	31
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	32
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	33
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	34
215.0	1 140.6	138.6	180.3	198.8	375.6	242.9	95.1	169.1	35
198.5	791.1	122.2	166.4	161.9	310.5	176.5	80.2	125.9	36
16.4	337.4	14.8	13.4	36.8	64.7	65.9	14.8	42.1	37
(S)	12.1	(S)	(S)	(S)	.4	.5	(Z)	1.0	38
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	39
2.3	11.6	.8	2.0	2.1	3.1	2.7	.8	1.1	40
17.1	47.7	26.8	28.6	28.0	19.6	27.0	9.9	22.7	41
26.8	538.0	69.9	35.9	32.6	81.7	137.5	20.9	53.0	42
2.5	5.5	(S)	.7	1.6	(Z)	(S)	(S)	(S)	43
6.7	5.6	(S)	2.7	2.3	2.1	(S)	(S)	(S)	44
4.4	32.0	3.6	2.6	2.4	6.6	3.8	1.5	3.5	45
155.3	500.3	36.9	107.8	129.8	262.5	70.9	60.6	87.8	46
31.2	410.7	16.9	62.0	39.4	170.9	63.6	44.0	57.0	47
11.3	(S)	(S)	3.9	6.5	5.2	(Z)	(S)	(S)	48
100.8	66.8	17.9	37.8	71.7	74.9	(S)	8.2	19.8	49
(S)	17.2	(Z)	(S)	9.4	7.2	(S)	(Z)	(S)	50
(Z)	(S)	(Z)	(S)	(S)	(S)	(Z)	(Z)	(Z)	51
155.3	500.3	36.9	107.8	129.8	262.5	70.9	60.6	87.8	52
7.5	66.4	(S)	4.5	14.1	32.0	17.0	(S)	2.5	53
147.8	434.0	36.0	103.3	115.7	230.5	53.9	57.5	85.3	54
(S)	8.7	(S)	(S)	(S)	(S)	(S)	(Z)	(Z)	55
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	56

Table 9. **Trucks by Principal Products Carried: 1987**—Con.

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

	Vehicular and operational characteristics	Products carried—Con.						
		Fabricated metal products	Machinery	Transportation equipment	Glass products	Miscellaneous products of manufacturing	Industrial water	Scrap, refuse, or garbage
1	**Total trucks**	**292.4**	**406.6**	**420.0**	**55.3**	**299.1**	**30.6**	**242.1**
2	Relative standard error (percent)	8.1	5.5	6.0	22.7	9.3	7.1	4.9
	MAJOR USE							
3	Agriculture	3.6	32.0	16.3	(Z)	(S)	8.9	26.5
4	Forestry and lumbering	(S)	2.4	.6	(Z)	(Z)	.4	(S)
5	Mining and quarrying	.8	16.4	.3	(S)	(Z)	5.6	(S)
6	Construction	126.0	149.6	28.8	33.6	23.0	10.0	57.8
7	Manufacturing	65.3	21.2	12.2	5.6	34.0	.9	17.0
8	Wholesale trade	37.7	20.1	70.1	7.1	45.7	(S)	5.9
9	Retail trade	28.3	48.5	146.7	6.8	101.4	(S)	12.6
10	For-hire transportation	12.8	14.3	36.9	1.8	11.0	2.2	5.6
11	Utilities	3.7	41.6	4.1	(Z)	(S)	(S)	4.9
12	Services	13.6	59.8	102.2	(S)	76.5	1.4	108.2
13	Daily rental	.4	.6	(S)	(Z)	1.2	(S)	(S)
14	One way rental	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
15	Personal transportation	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
16	Other	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
17	Not in use	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(S)
18	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	BODY TYPE							
19	Pickup	134.0	127.4	195.0	26.4	87.7	(S)	72.7
20	Mini-van	9.7	16.3	(S)	(Z)	37.8	(Z)	(Z)
21	Panel or van	39.0	73.1	25.2	9.8	79.0	(Z)	(S)
22	Utility	5.9	9.6	5.2	(Z)	38.1	(Z)	(S)
23	Station wagon	(S)	(S)	(S)	(Z)	(S)	(Z)	(Z)
24	Multistop or walk-in	6.4	8.4	3.5	(S)	11.2	(Z)	(S)
25	Platform with added devices	6.5	15.3	8.9	1.2	2.1	1.8	11.6
26	Low boy or depressed center	2.9	50.0	10.8	.2	.2	(Z)	.5
27	Basic platform	57.9	55.3	25.9	3.2	11.3	5.1	35.5
28	Livestock truck	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
29	Insulated nonrefrigerated van	(Z)	(S)	(Z)	(S)	.7	(Z)	(Z)
30	Insulated refrigerated van	(Z)	(S)	(Z)	(S)	(S)	(Z)	.3
31	Drop-frame van	.7	1.0	.3	(S)	1.2	(Z)	(S)
32	Open-top van	.2	(Z)	(S)	(S)	(Z)	(Z)	.6
33	Basic enclosed van	16.2	11.6	11.6	4.2	24.7	(S)	3.0
34	Beverage	(Z)	(Z)	(S)	(Z)	(S)	(Z)	(S)
35	Public utility	1.6	10.4	(Z)	(Z)	(S)	(S)	(S)
36	Winch or crane	3.3	5.7	3.1	(Z)	.5	(Z)	6.4
37	Wrecker	(S)	(S)	99.5	(Z)	(Z)	(Z)	(S)
38	Pole or logging	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
39	Auto transport	(S)	(S)	17.7	(Z)	(Z)	(Z)	(S)
40	Service truck	3.2	5.9	1.5	(S)	(S)	(Z)	(S)
41	Yard tractor	(S)	(Z)	2.3	(Z)	(Z)	(Z)	(Z)
42	Oilfield truck	(S)	2.5	(Z)	(Z)	(Z)	.7	(Z)
43	Grain body	(Z)	(S)	(Z)	(Z)	(Z)	(S)	1.5
44	Garbage hauler	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	48.7
45	Dump truck	.4	6.6	1.3	(S)	(S)	(S)	41.7
46	Tank truck (liquids or gases)	(Z)	(S)	(Z)	(Z)	(S)	21.4	10.3
47	Tank truck (dry bulk)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(S)
48	Concrete mixer	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
49	Other	(S)	(S)	1.1	(Z)	(Z)	(Z)	(S)
50	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	ANNUAL MILES							
51	Less than 5,000	43.4	83.0	87.5	(S)	41.6	15.6	101.5
52	5,000 to 9,999	48.4	91.7	73.0	(S)	39.1	4.5	33.8
53	10,000 to 19,999	104.8	124.4	147.7	17.9	78.8	5.2	51.5
54	20,000 to 29,999	51.6	52.0	49.0	8.3	74.3	2.4	24.1
55	30,000 to 49,999	25.7	36.9	37.2	5.0	51.4	1.5	21.1
56	50,000 to 74,999	8.0	10.6	13.0	1.7	7.1	1.0	5.8
57	75,000 or more	10.6	8.0	12.6	2.3	6.8	.4	4.2
	RANGE OF OPERATION							
58	Local	203.1	280.4	283.8	35.5	167.4	18.0	197.4
59	Short-range	60.0	94.1	88.7	15.8	101.0	3.5	21.2
60	Long-range	20.0	20.9	27.2	3.3	21.4	.3	3.5
61	Off-the-road	9.4	11.0	20.4	(S)	7.1	8.8	19.8
62	Not reported	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(S)
	BASE OF OPERATION							
	Percentage of miles traveled outside base-of-operation State:							
63	Less than 25 percent	238.2	331.9	332.2	46.9	225.2	27.3	218.6
64	25 to 49 percent	12.3	18.2	11.3	1.9	20.5	.4	(S)
65	50 to 74 percent	12.8	13.5	13.8	.7	16.5	.5	2.6
66	75 to 100 percent	17.4	13.3	23.5	2.3	10.9	.7	2.6
67	Not reported	11.7	29.8	39.2	(S)	26.0	1.7	13.3

See footnotes at end of table.

Products carried—Con.									
Hazardous waste	Mixed cargoes	Craftsman's equipment	Personal transpotation	No load carried	Not in use	Other	Not reported	Relative standard error of estimate (percent) for total	
6.5	**685.6**	**2 476.3**	**29 289.6**	**3 792.1**	**257.5**	**256.1**	**(S)**		**1**
21.6	4.6	3.0	.5	2.4	9.7	9.7	(S)		2
(Z)	66.9	154.5	(Z)	1 066.8	(S)	19.5	(S)	2.1	3
(Z)	6.2	48.1	(Z)	63.9	(Z)	(S)	(Z)	7.4	4
.3	2.0	41.5	(Z)	73.2	(S)	5.1	(Z)	7.1	5
1.1	36.9	1 447.3	(S)	1 055.3	(S)	9.0	(Z)	2.1	6
.3	28.5	35.1	(Z)	107.6	(Z)	4.8	(Z)	5.3	7
(S)	51.1	31.5	(Z)	153.2	(Z)	4.9	(Z)	3.9	8
(S)	72.7	104.8	(Z)	380.4	(Z)	9.6	(Z)	3.4	9
2.6	257.9	(S)	(Z)	16.8	(Z)	29.1	(Z)	2.0	10
(S)	(S)	276.7	(Z)	101.7	(Z)	(S)	(Z)	6.6	11
(S)	100.3	319.1	(S)	738.2	(S)	141.0	(Z)	3.2	12
(Z)	59.1	2.1	(Z)	26.7	(Z)	(S)	(Z)	11.8	13
(Z)	1.1	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	8.7	14
(Z)	(Z)	(Z)	29 289.2	(S)	(Z)	(S)	(Z)	.5	15
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(S)	16
(Z)	(Z)	(S)	(Z)	4.6	250.3	(Z)	(Z)	9.7	17
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	18
(S)	209.2	1 433.9	20 265.5	2 606.1	116.9	38.1	(Z)	.2	19
(Z)	12.2	66.3	1 342.6	133.1	(S)	12.6	(Z)	3.6	20
(S)	113.3	521.4	3 190.7	360.8	25.6	147.3	(Z)	1.7	21
(Z)	18.5	106.1	3 134.3	311.1	19.7	14.8	(Z)	2.2	22
(Z)	7.9	29.3	1 105.6	156.4	(S)	15.6	(Z)	4.2	23
(S)	50.5	53.1	108.0	17.8	10.7	4.7	(Z)	4.3	24
(Z)	3.7	24.8	4.6	20.9	3.2	1.5	(Z)	2.7	25
(S)	1.3	2.0	.9	1.6	1.2	.3	(Z)	3.1	26
1.0	35.5	62.4	100.6	67.5	30.3	3.2	(Z)	1.1	27
(Z)	(S)	(Z)	2.0	1.7	(S)	(Z)	(Z)	5.1	28
(Z)	4.1	.2	(S)	(S)	.4	(Z)	(Z)	6.2	29
(S)	5.1	.5	(Z)	1.6	1.0	.2	(Z)	2.8	30
(Z)	8.4	.2	(S)	(S)	.7	(Z)	(Z)	4.6	31
(Z)	(Z)	(S)	(S)	(S)	(S)	(Z)	(Z)	7.5	32
.6	211.1	17.0	4.3	9.4	7.4	8.7	(Z)	1.4	33
(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(Z)	5.0	34
(Z)	.9	75.9	(S)	21.3	.5	1.9	(Z)	4.6	35
(S)	(S)	6.2	.5	15.5	1.2	.6	(Z)	6.0	36
(Z)	(S)	(S)	2.1	8.0	3.6	(Z)	(Z)	5.8	37
(Z)	(Z)	(Z)	(S)	.8	.7	(Z)	(Z)	4.1	38
(Z)	(Z)	(Z)	1.2	.5	(S)	(Z)	(Z)	7.0	39
(Z)	(S)	62.7	1.3	13.3	1.3	.8	(Z)	4.8	40
(Z)	.4	(Z)	(Z)	2.1	.7	(Z)	(Z)	10.7	41
(Z)	(Z)	8.4	(Z)	6.7	.9	.7	(Z)	9.1	42
(S)	(S)	(S)	2.8	4.7	3.6	(S)	(S)	2.2	43
(S)	(Z)	(Z)	(Z)	(S)	1.0	(Z)	(Z)	4.7	44
.6	1.9	4.6	19.7	24.8	11.0	.4	(Z)	1.7	45
1.6	(S)	(Z)	(S)	3.4	2.6	.5	(Z)	2.4	46
(S)	.3	(S)	(Z)	(S)	.2	(S)	(Z)	5.9	47
(Z)	(Z)	(Z)	(Z)	.2	(S)	(Z)	(Z)	4.2	48
(Z)	.3	(S)	(S)	(S)	(S)	3.7	(Z)	12.2	49
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(S)	50
(S)	74.5	405.7	7 740.5	815.7	250.1	31.3	(S)	1.2	51
(S)	102.0	509.8	7 538.0	805.1	4.2	57.2	(Z)	1.3	52
1.1	199.0	891.4	10 628.5	1 333.4	(S)	86.5	(Z)	1.0	53
(S)	99.0	452.6	2 665.4	531.0	(Z)	45.0	(Z)	2.2	54
.5	86.3	183.4	653.0	272.3	(S)	18.2	(Z)	3.4	55
(S)	38.8	31.8	49.2	29.4	(Z)	(S)	(Z)	4.9	56
2.1	85.9	1.6	15.0	5.3	(Z)	7.4	(Z)	1.9	57
2.9	401.8	1 911.3	23 021.6	2 831.7	35.2	171.4	(S)	.4	58
1.4	165.7	425.3	3 900.5	566.1	(S)	46.9	(Z)	1.8	59
2.1	101.1	43.9	1 276.2	98.3	(S)	17.4	(Z)	3.2	60
(S)	15.7	95.8	998.5	283.9	9.6	20.3	(Z)	3.1	61
(Z)	1.4	(Z)	92.9	(S)	203.3	(Z)	(Z)	8.5	62
3.4	475.7	2 131.3	23 422.7	3 266.0	200.5	216.3	(S)	.4	63
.4	31.4	59.5	1 207.7	118.7	(S)	7.4	(Z)	3.5	64
1.2	41.0	41.8	902.1	91.5	.2	7.5	(Z)	3.7	65
.9	60.0	67.6	1 013.0	109.6	1.1	10.1	(Z)	3.3	66
.6	77.6	176.1	2 744.1	206.3	55.5	14.8	(Z)	2.3	67

Table 9. **Trucks by Principal Products Carried: 1987**—Con.

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

	Vehicular and operational characteristics	Products carried—Con.						
		Fabricated metal products	Machinery	Transportation equipment	Glass products	Miscellaneous products of manufacturing	Industrial water	Scrap, refuse, or garbage
	VEHICLE SIZE							
1	Light	223.6	262.8	297.3	47.1	265.1	3.9	114.4
2	Medium	24.0	34.6	56.9	2.7	11.9	7.7	35.0
3	Light-heavy	12.4	25.9	18.2	.8	6.6	5.8	23.2
4	Heavy-heavy	32.5	83.3	47.6	4.7	15.5	13.1	69.4
	AVERAGE WEIGHT (POUNDS)							
5	Less than 6,001	186.9	208.7	220.1	32.4	234.7	(S)	76.3
6	6,001 to 10,000	36.7	54.1	77.2	(S)	30.4	2.3	38.2
7	10,001 to 14,000	13.7	17.3	41.2	(S)	6.1	3.5	16.8
8	14,001 to 16,000	5.9	5.8	8.6	(S)	4.1	1.6	8.6
9	16,001 to 19,500	4.4	11.5	7.0	(S)	1.7	2.6	9.6
10	19,501 to 26,000	12.4	25.9	18.2	.8	6.6	5.8	23.2
11	26,001 to 33,000	5.3	12.7	8.7	1.0	2.0	3.3	14.5
12	33,001 to 40,000	4.8	12.7	4.7	.4	2.5	2.2	11.9
13	40,001 to 50,000	5.0	12.3	7.2	.3	1.8	3.3	18.4
14	50,001 to 60,000	2.6	11.9	5.9	1.0	3.2	1.6	12.0
15	60,001 to 80,000	14.6	28.3	20.2	2.0	5.9	2.5	11.4
16	80,001 to 100,000	.2	3.8	.6	(Z)	(S)	(S)	1.0
17	100,001 to 130,000	(Z)	1.1	.2	(Z)	(Z)	(Z)	.2
18	130,001 or more	(Z)	.5	(S)	(Z)	(Z)	(Z)	(Z)
19	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	TOTAL LENGTH (FEET)							
20	Less than 13.0	17.7	22.2	36.8	(S)	31.5	(S)	5.2
21	13.0 to 15.9	54.2	63.5	68.5	(S)	101.3	(S)	22.6
22	16.0 to 19.9	137.3	164.3	176.0	30.9	124.6	4.2	77.7
23	20.0 to 27.9	37.5	36.7	69.1	(S)	16.1	16.7	75.6
24	28.0 to 35.9	13.8	32.1	13.5	1.0	9.5	5.0	42.7
25	36.0 to 40.9	(S)	14.1	7.6	(S)	(S)	.5	5.2
26	41.0 to 44.9	(S)	6.0	(S)	(S)	(Z)	(Z)	1.8
27	45.0 or more	27.9	67.8	45.2	4.6	14.3	3.6	11.3
28	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	YEAR MODEL							
29	1988	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
30	1987	17.0	16.2	26.9	(S)	22.6	(S)	8.5
31	1986	27.3	58.9	38.1	3.9	62.8	(S)	11.5
32	1985	23.9	34.7	25.9	(S)	55.0	1.1	16.1
33	1984	29.5	21.1	35.8	(S)	43.6	.6	12.8
34	1983	11.5	24.4	12.8	(S)	12.6	(S)	4.2
35	1982	11.8	24.9	36.8	(S)	16.3	1.1	7.5
36	1981	9.0	21.9	21.2	(S)	11.8	1.0	8.2
37	1980	26.4	23.3	15.8	.4	11.2	1.6	9.5
38	1979	32.0	39.3	28.9	4.5	14.4	1.1	15.6
39	1978	20.7	23.5	27.3	(S)	9.3	1.9	14.6
40	Pre-1978	83.2	118.4	148.7	17.3	39.6	20.7	133.3
41	Not reported	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(S)
	VEHICLE ACQUISITION							
42	Purchased new	159.9	208.0	173.7	18.8	187.3	9.3	88.6
43	Purchased used	114.0	179.3	227.1	33.8	88.5	19.6	146.6
44	Leased from someone else	17.3	17.6	10.9	(S)	20.3	(S)	4.7
45	Not reported	1.2	1.7	8.3	(S)	(S)	.4	(S)
	LEASE CHARACTERISTICS[1 2]							
46	Leased without driver	19.1	19.7	15.6	2.1	31.7	2.4	7.6
47	Leased with driver	1.7	4.5	1.7	(S)	1.2	.2	(S)
48	Leased with owner-operator	2.9	5.7	3.5	(S)	1.1	(S)	1.4
49	Not reported	(S)	(S)	(S)	(Z)	(S)	(Z)	(Z)
	Provisions of lease:							
50	Financing	14.7	10.8	5.4	(S)	(S)	.8	4.9
51	Full maintenance	3.6	3.4	4.7	1.0	8.0	.5	.9
52	Maintenance on specific parts	(S)	(S)	(S)	(S)	(S)	(Z)	(S)
53	Payment of taxes	5.6	5.5	2.6	.9	(S)	(S)	.7
54	Obtaining licenses and permits	4.0	7.5	4.6	1.1	5.4	(S)	.7
55	Record keeping for leased trucks	3.2	3.6	4.1	.5	5.3	(S)	(S)
56	Other	(S)	.4	(S)	(Z)	(S)	(Z)	(S)

See footnotes at end of table.

Products carried—Con.									
Hazardous waste	Mixed cargoes	Craftsman's equipment	Personal transpotation	No load carried	Not in use	Other	Not reported	Relative standard error of estimate (percent) for total	
(S)	403.2	2 338.3	29 185.4	3 672.7	225.0	233.2	(S)	.1	1
(S)	55.3	81.0	86.9	59.8	14.9	9.2	(Z)	2.0	2
(S)	30.8	30.2	11.5	28.0	9.0	4.7	(Z)	1.5	3
3.9	196.3	26.7	5.7	31.5	8.6	8.9	(Z)	.5	4
(S)	342.2	1 999.1	28 086.2	3 405.3	194.8	166.8	(Z)	.2	5
(S)	61.0	339.2	1 099.1	267.4	30.2	66.4	(S)	2.4	6
(S)	26.5	49.5	74.1	35.1	7.2	4.6	(Z)	3.4	7
(Z)	18.1	15.4	7.2	11.6	4.0	2.3	(Z)	3.2	8
(S)	10.7	16.0	5.6	13.1	3.6	2.3	(Z)	3.1	9
(S)	30.8	30.2	11.5	28.0	9.0	4.7	(Z)	1.5	10
.3	22.7	16.0	2.7	10.6	2.9	1.7	(Z)	1.9	11
(S)	22.5	4.0	1.2	5.9	.9	1.3	(Z)	2.2	12
(S)	25.8	2.7	.9	6.1	2.0	1.3	(Z)	1.6	13
(S)	27.3	1.3	(S)	2.8	.6	1.6	(Z)	2.0	14
3.1	96.8	2.4	.5	5.4	2.0	3.0	(Z)	.8	15
(Z)	.6	.2	(Z)	.4	(S)	(Z)	(Z)	4.2	16
(Z)	.5	(S)	(Z)	(S)	(Z)	(Z)	(Z)	7.2	17
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	12.8	18
(Z)	(Z)	(Z)	(S)	(S)	(S)	(Z)	(Z)	40.5	19
(Z)	23.8	143.9	2 758.7	303.5	7.9	15.8	(Z)	2.5	20
(Z)	99.2	532.1	8 911.9	927.3	66.5	48.4	(Z)	1.2	21
(S)	273.1	1 611.4	17 277.8	2 392.7	124.9	169.8	(Z)	.6	22
1.1	63.9	134.0	114.2	106.7	41.2	12.4	(S)	1.0	23
.5	32.1	27.3	47.1	27.9	5.7	3.0	(Z)	2.8	24
(S)	11.6	15.3	120.1	15.3	(S)	.4	(Z)	7.7	25
(Z)	4.5	(S)	27.7	(S)	(S)	(S)	(Z)	14.3	26
3.3	177.5	9.5	31.9	16.8	9.4	6.4	(Z)	1.4	27
(Z)	(Z)	(Z)	(S)	(Z)	(S)	(Z)	(Z)	(S)	28
(Z)	(S)	(S)	51.1	20.7	(Z)	(S)	(Z)	14.2	29
(S)	60.9	167.9	1 881.8	301.0	(Z)	35.8	(Z)	2.7	30
1.0	65.3	291.4	3 141.9	507.9	(S)	44.9	(Z)	2.2	31
.5	95.7	279.4	2 487.6	422.6	(S)	37.3	(Z)	2.3	32
.3	69.3	197.7	2 232.3	342.3	(S)	29.2	(Z)	2.5	33
.6	58.7	183.9	1 727.6	195.7	4.2	19.4	(Z)	3.1	34
.7	27.5	145.4	1 322.3	219.7	(S)	7.4	(Z)	3.5	35
.5	34.7	151.6	1 060.3	187.0	(S)	10.6	(Z)	3.6	36
(S)	23.3	129.8	1 132.7	158.1	3.0	7.2	(Z)	3.4	37
.3	57.1	189.4	2 071.8	237.9	10.2	16.0	(Z)	2.6	38
(S)	40.4	123.6	1 964.6	204.0	(S)	(S)	(Z)	2.7	39
.4	150.6	612.3	10 205.6	995.0	199.7	35.5	(S)	1.0	40
(Z)	(S)	(S)	(S)	(S)	(S)	(Z)	(Z)	(S)	41
4.6	423.7	1 391.9	13 102.7	2 185.6	51.0	161.6	(Z)	.8	42
1.8	220.4	975.1	15 663.8	1 483.0	194.4	72.5	(S)	.7	43
(S)	33.8	93.7	251.1	103.1	(S)	17.0	(Z)	5.6	44
(Z)	7.7	15.6	272.0	20.4	4.2	(S)	(Z)	7.1	45
.5	107.1	98.4	193.6	155.8	(S)	35.7	(Z)	4.6	46
(S)	10.2	4.5	26.6	9.3	(S)	(S)	(Z)	9.2	47
(S)	16.4	20.6	88.8	20.3	.5	(S)	(Z)	8.1	48
(Z)	1.1	7.1	57.0	4.0	(Z)	(S)	(Z)	17.6	49
(S)	16.0	78.8	145.0	77.3	(S)	(S)	(Z)	6.9	50
(S)	25.7	11.0	23.0	20.7	(S)	(S)	(Z)	7.1	51
(Z)	8.3	3.8	25.4	18.3	(Z)	(S)	(Z)	17.8	52
(S)	24.0	7.3	39.6	36.9	(Z)	(S)	(Z)	9.1	53
(S)	32.1	9.3	22.3	18.7	(S)	(S)	(Z)	5.9	54
(S)	16.9	4.5	8.9	12.5	(S)	(S)	(Z)	6.7	55
(Z)	3.4	(S)	19.7	5.4	(Z)	(S)	(Z)	18.1	56

Table 9. **Trucks by Principal Products Carried: 1987**—Con.

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

	Vehicular and operational characteristics	Products carried—Con.						
		Fabricated metal products	Machinery	Transportation equipment	Glass products	Miscellaneous products of manufacturing	Industrial water	Scrap, refuse, or garbage
	OPERATOR CLASSIFICATION							
1	Not for hire	279.1	391.4	381.4	53.4	286.6	28.1	235.9
2	Business use	278.4	383.6	373.3	52.3	264.5	28.1	231.7
3	Personal transportation	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
4	Mixed-business use/personal transportation	(S)	7.8	8.1	(S)	22.2	(Z)	(S)
5	For hire	12.8	14.2	36.9	1.8	11.0	2.2	5.6
6	Motor carrier	7.6	9.3	23.5	1.2	10.0	1.7	2.8
7	Owner/operator	5.1	4.9	13.3	.6	1.0	.5	2.8
8	Independent	1.8	1.5	10.7	.2	.6	.4	2.6
9	Leased to a company	3.3	3.4	2.6	.4	.4	(Z)	(S)
10	Not reported	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
11	Daily rental	.4	.6	(S)	(Z)	1.2	(S)	(S)
12	Mixed-not for hire/for hire	(S)	(S)	(Z)	(Z)	(Z)	(S)	(Z)
	For-hire jurisdiction:							
13	Interstate	8.6	7.7	16.2	1.2	5.7	(S)	1.1
14	Intrastate	2.1	3.9	7.9	.5	2.8	1.2	1.1
15	Local	2.0	2.7	12.9	(S)	2.5	.7	3.4
16	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	Type of carrier (interstate only):							
17	Contract	2.7	1.7	5.4	(S)	.8	(S)	(S)
18	Common	5.6	5.5	10.3	.9	4.7	(S)	(S)
19	Exempt	.1	(S)	(Z)	(S)	(Z)	(Z)	(S)
20	Not reported	.2	(S)	.4	(S)	(S)	(Z)	(S)
	HAZARDOUS MATERIALS CARRIED							
21	Hazardous materials carried	2.8	4.5	2.5	(S)	5.1	1.5	1.3
22	Less than 10 percent of time	1.8	1.6	1.6	(S)	3.0	(S)	.8
23	10 to 25 percent of time	(S)	(S)	(S)	(S)	.2	(S)	(Z)
24	26 to 49 percent of the time	(S)	(S)	(Z)	(Z)	(S)	(S)	(S)
25	50 to 74 percent of the time	(Z)	(S)	.1	(Z)	(S)	(Z)	(S)
26	75 to 100 percent of the time	(S)	.8	.7	(Z)	(S)	(S)	(Z)
27	No percent reported	.5	.2	(Z)	(Z)	(S)	(S)	(S)
	Types of hazardous materials[2]:							
28	Flammable liquids	1.6	1.7	1.2	(S)	3.2	1.1	(S)
29	Combustible liquids	.4	.8	.6	(S)	2.7	(S)	(S)
30	Corrosive liquids	.3	.7	.5	(S)	2.6	.1	(S)
31	Poison B solids	(S)	(Z)	.3	(S)	1.7	(Z)	(Z)
32	Poison B liquids	(S)	(Z)	.3	(S)	1.7	(Z)	(Z)
33	Flammable solids	(S)	(Z)	.3	(S)	1.7	(Z)	(S)
34	Oxidizers	(S)	(Z)	.3	(S)	1.7	(Z)	(Z)
35	Flammable gas	(S)	(Z)	.3	(S)	1.7	(Z)	(Z)
36	Nonflammable gas	(S)	(Z)	.3	(S)	1.7	(Z)	(Z)
37	Poison A	(Z)	(Z)	.3	(Z)	(Z)	(Z)	(Z)
38	Corrosive solids	(Z)	(Z)	.3	(Z)	(Z)	(Z)	(S)
39	Explosives, A or B	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
40	Blasting agents	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
41	Radioactive materials	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
42	ORM-A, B, or C	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
43	ORM E	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
44	Hazardous materials not listed	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
45	Not reported	1.2	2.8	1.3	(Z)	1.8	.3	.9
46	No hazardous materials carried	284.9	369.5	393.5	53.2	284.0	27.4	229.9
47	Not reported	4.7	32.7	23.9	1.8	10.0	1.7	10.9
	TRUCK FLEET SIZE[3]							
48	1	81.6	120.4	170.7	14.6	134.7	5.8	72.6
49	2 to 5	111.1	123.3	166.8	15.6	109.4	7.5	84.6
50	6 to 19	53.9	87.0	46.2	(S)	23.9	8.6	44.5
51	20 or more	45.9	75.9	36.3	3.6	31.0	8.6	40.4
	MILES PER GALLON							
52	Less than 5	10.3	30.7	18.4	1.2	4.3	6.1	33.7
53	5 to 6.9	35.7	77.1	59.2	4.2	15.5	12.0	60.2
54	7 to 8.9	43.3	45.6	56.3	4.7	17.1	7.5	42.0
55	9 to 11.9	75.7	89.8	101.4	19.1	58.8	3.7	45.4
56	12 to 14.9	64.4	58.4	72.5	18.2	61.7	1.1	27.8
57	15 to 19.9	41.7	60.3	61.4	3.8	74.3	(S)	24.0
58	20 or more	21.1	44.7	50.7	(S)	67.3	(Z)	8.9
59	Not reported	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)

See footnotes at end of table.

Products carried—Con.									
Hazardous waste	Mixed cargoes	Craftsman's equipment	Personal transpotation	No load carried	Not in use	Other	Not reported	Relative standard error of estimate (percent) for total	
3.9	369.8	2 455.8	29 289.6	3 737.4	254.0	210.3	(S)	.1	1
3.9	350.7	2 395.5	5.4	3 525.2	172.3	203.2	(S)	1.0	2
(Z)	(Z)	(Z)	29 276.6	(S)	71.3	(S)	(Z)	.5	3
(Z)	19.1	60.3	(S)	212.0	(S)	6.5	(Z)	7.1	4
2.6	255.5	(S)	(Z)	14.7	2.7	29.1	(Z)	1.9	5
2.0	212.7	(S)	(Z)	6.6	1.7	9.5	(Z)	2.4	6
.6	42.8	5.9	(Z)	8.0	.7	19.5	(Z)	3.5	7
(S)	25.9	5.8	(Z)	5.8	.5	18.2	(Z)	5.2	8
(S)	16.9	(S)	(Z)	(S)	.2	(S)	(Z)	3.5	9
(Z)	(S)	(Z)	(Z)	(Z)	.4	(S)	(Z)	19.2	10
(Z)	59.1	2.1	(Z)	26.7	(S)	(S)	(Z)	11.7	11
(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	19.1	12
1.5	117.8	(S)	(Z)	4.1	1.1	3.8	(Z)	1.8	13
.7	68.1	(S)	(Z)	2.2	.3	6.8	(Z)	4.9	14
.4	69.3	5.9	(Z)	8.3	.5	18.5	(Z)	4.7	15
(Z)	(S)	(Z)	(Z)	(Z)	.8	(Z)	(Z)	20.3	16
.7	14.5	(S)	(Z)	.7	.2	1.4	(Z)	3.3	17
.4	97.6	(S)	(Z)	2.2	.9	(S)	(Z)	2.3	18
.4	1.3	(Z)	(Z)	(S)	(Z)	.7	(Z)	7.9	19
(Z)	4.5	(S)	(Z)	(S)	(Z)	.7	(Z)	11.4	20
4.0	87.7	17.7	(Z)	16.8	(S)	.2	(Z)	3.7	21
(S)	63.5	3.3	(Z)	2.3	(Z)	.1	(Z)	3.6	22
(S)	8.7	(S)	(Z)	(S)	(Z)	(Z)	(Z)	27.5	23
.3	2.3	(S)	(Z)	(S)	(Z)	(Z)	(Z)	12.0	24
.9	.7	(S)	(Z)	(S)	(Z)	(Z)	(Z)	8.4	25
2.4	.5	4.8	(Z)	.9	(Z)	(S)	(Z)	4.3	26
(S)	12.0	7.4	(Z)	11.0	(S)	(Z)	(Z)	13.0	27
2.4	68.8	3.4	(Z)	3.7	(Z)	(S)	(Z)	4.8	28
2.1	42.0	(S)	(Z)	.4	(Z)	(S)	(Z)	3.1	29
1.5	41.6	(Z)	(Z)	.2	(Z)	(S)	(Z)	5.0	30
1.2	23.9	(Z)	(Z)	.1	(Z)	(Z)	(Z)	5.0	31
.8	23.2	(Z)	(Z)	.1	(Z)	(Z)	(Z)	5.2	32
.9	22.7	(Z)	(Z)	.1	(Z)	(Z)	(Z)	5.2	33
.6	22.8	(Z)	(Z)	.1	(Z)	(Z)	(Z)	5.1	34
.2	22.1	(S)	(Z)	.1	(Z)	(Z)	(Z)	5.3	35
.2	22.1	.1	(Z)	.1	(Z)	(Z)	(Z)	5.4	36
.2	19.5	(Z)	(Z)	.1	(Z)	(Z)	(Z)	6.0	37
.3	19.4	(Z)	(Z)	.1	(Z)	(Z)	(Z)	5.9	38
(Z)	4.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	14.4	39
(S)	.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	24.3	40
(Z)	1.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	26.7	41
(Z)	1.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	23.4	42
(S)	1.0	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	47.3	43
(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(S)	44
1.4	18.8	12.8	(Z)	12.6	(S)	.1	(Z)	6.1	45
(S)	544.1	2 333.0	29 289.6	3 564.6	201.4	249.2	(S)	.1	46
(S)	53.8	125.6	(Z)	210.7	55.7	6.7	(Z)	3.8	47
.5	221.4	926.6	23 118.1	1 804.9	159.0	90.7	(S)	.5	48
1.1	159.8	795.8	5 968.2	1 221.7	59.1	83.0	(Z)	1.3	49
(S)	73.4	362.0	134.2	511.0	26.4	29.3	(Z)	2.5	50
3.1	231.1	392.0	69.1	254.4	(S)	53.0	(Z)	2.5	51
1.4	41.8	20.2	2.0	17.5	1.8	2.6	(Z)	1.3	52
2.3	166.0	71.3	50.3	55.3	11.9	18.2	(Z)	1.2	53
.3	73.1	205.4	864.8	223.9	14.9	29.9	(Z)	2.5	54
(S)	125.2	661.1	5 149.8	846.8	38.7	63.9	(S)	1.5	55
(S)	116.7	631.2	7 585.8	999.2	25.1	56.2	(Z)	1.3	56
(S)	100.6	539.5	8 321.6	957.9	24.0	59.9	(Z)	1.3	57
(Z)	62.1	346.0	7 278.0	689.1	(S)	25.4	(Z)	1.5	58
(Z)	(Z)	(S)	37.3	(S)	125.5	(Z)	(Z)	12.4	59

Table 9. **Trucks by Principal Products Carried: 1987**—Con.

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

	Vehicular and operational characteristics	Products carried—Con.						
		Fabricated metal products	Machinery	Transportation equipment	Glass products	Miscellaneous products of manufacturing	Industrial water	Scrap, refuse, or garbage
	EQUIPMENT TYPE[4]							
1	Braking system	100.1	176.5	187.8	19.1	53.6	29.8	164.5
2	Hydraulic	28.2	29.6	41.2	5.0	14.7	5.4	46.4
3	Hydraulic (power)	33.4	45.6	65.9	1.0	16.8	8.0	39.4
4	Air	34.9	84.6	54.4	4.7	14.8	14.1	70.1
5	Not reported	3.5	16.7	26.4	(S)	7.3	2.3	8.7
6	Power steering[2]	91.2	141.1	132.3	28.1	181.3	.7	26.8
7	Air conditioning[2]	49.7	72.0	79.3	(S)	135.8	.3	8.9
8	Engine retarder[2]	.3	.2	(S)	(S)	(S)	.1	(S)
9	Reflective materials[2]	1.1	1.5	1.0	.4	1.1	(S)	.5
10	Electronic vehicle management system[2]	(S)	(Z)	(S)	(Z)	(S)	(Z)	(Z)
11	Electronic vehicle identification device (transponder, etc.)[2]	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
12	Trip recorders[2]	(Z)	(Z)	(S)	(Z)	(S)	(Z)	(Z)
13	Navigational systems[2]	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
	FUEL CONSERVATION EQUIPMENT[2 4]							
14	Aerodynamic features	6.7	5.2	6.6	1.7	7.8	(S)	1.8
15	Axle or drive ratio	4.0	3.7	3.2	1.2	5.5	(S)	1.4
16	Fuel economy engine	3.1	2.9	2.5	1.0	4.7	.3	1.4
17	Radial tires	111.6	174.1	153.6	30.1	199.2	.6	32.5
18	Road speed governor	.7	(S)	.9	(S)	.6	(S)	.6
19	Variable fan drives	.6	1.4	.5	(S)	.6	.2	.3
20	Other fuel conservation devices	.5	(S)	(S)	(S)	(S)	(Z)	(S)
	MAINTENANCE[2]							
	General maintenance:							
21	Owner	100.9	151.9	180.0	22.0	91.1	14.0	108.3
22	Company's maintenance facilities	82.2	137.5	184.3	5.8	38.1	14.8	77.0
23	Dealership's service department	54.9	46.8	29.5	(S)	82.3	.7	20.2
24	Leasing company	7.5	7.3	1.1	.2	9.9	(Z)	(S)
25	Independent garage	109.1	126.9	71.2	31.7	110.3	3.1	61.4
26	Component distributorship	(S)	3.1	2.0	(S)	(S)	.1	3.7
27	No one	(S)	(S)	(S)	(Z)	(S)	(S)	(S)
28	Other	(S)	(S)	.5	(Z)	(Z)	(Z)	(S)
29	Not reported	1.6	12.4	15.2	(S)	7.1	1.3	6.7
	Major overhauls:							
30	Owner	41.5	32.1	83.5	(S)	21.8	4.7	33.5
31	Company's maintenance facilities	28.8	73.7	97.8	3.0	19.3	8.6	43.2
32	Dealership's service department	48.2	49.5	26.4	(S)	51.3	3.0	24.0
33	Leasing company	(S)	5.0	(S)	.4	10.0	(Z)	.7
34	Independent garage	66.0	93.7	43.2	15.3	66.9	5.5	50.8
35	Component distributorship	(S)	9.2	5.9	.4	2.0	.7	9.7
36	No one	2.7	17.9	7.5	(S)	17.9	.7	8.5
37	Other	.6	.9	.5	(Z)	(Z)	(S)	.8
38	Not reported	109.1	141.4	178.1	20.6	115.2	9.0	85.4
	ENGINE TYPE AND SIZE							
39	Engine	292.4	406.6	420.0	55.3	299.1	30.6	242.1
40	Gasoline	246.6	318.1	349.5	49.7	260.9	16.7	167.3
41	Diesel	45.8	88.1	69.5	5.5	36.9	13.7	74.7
42	LPG or other	(Z)	(S)	(S)	(Z)	(S)	(S)	(Z)
43	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)
44	Cylinders[5]	292.4	406.6	420.0	55.3	299.1	30.6	242.1
45	4	19.0	35.6	45.7	(S)	53.4	(Z)	(S)
46	6	68.4	110.3	71.4	10.7	96.9	7.0	68.0
47	8	173.8	199.5	258.1	31.1	131.0	10.2	103.2
48	Other	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
49	Not reported	31.1	60.8	44.8	(S)	17.8	13.4	66.8
50	Cubic inch displacement	292.4	406.6	420.0	55.3	299.1	30.5	242.1
51	Gasoline engines	246.6	318.1	349.5	49.7	260.9	16.7	167.3
52	Less than 200	23.6	49.3	58.4	(S)	85.5	(Z)	6.7
53	200 to 299	26.9	37.4	18.7	(S)	35.0	1.4	25.4
54	300 to 349	60.5	75.1	64.9	7.0	74.8	2.8	35.6
55	350 to 399	110.8	105.7	127.9	32.2	53.6	6.9	59.7
56	400 or more	12.3	39.8	65.9	(S)	7.2	2.5	18.9
57	Not reported[6]	12.4	10.8	13.7	(S)	4.9	3.2	21.1
58	Diesel engines	45.8	88.1	69.5	5.5	36.9	13.7	74.7
59	Less than 400	9.7	14.8	13.7	(S)	10.0	1.9	8.0
60	400 to 599	13.2	20.8	25.1	.9	(S)	3.2	17.5
61	600 to 799	5.8	14.4	6.7	.7	2.5	3.9	28.5
62	800 or more	13.0	23.0	13.8	2.3	7.9	2.1	10.2
63	Not reported[6]	4.1	15.0	10.2	1.1	3.3	2.6	10.6
64	Other engines	(Z)	(S)	(S)	(Z)	(S)	(S)	(Z)
65	Less than 400	(Z)	(S)	(S)	(Z)	(S)	(S)	(Z)
66	400 or more	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
67	Not reported[6]	(Z)	(Z)	(S)	(Z)	(S)	(Z)	(Z)
68	Horsepower	292.4	406.6	420.0	55.3	299.1	30.5	242.1
69	Gasoline engines	246.6	318.1	349.5	49.7	260.9	16.7	167.3
70	Less than 100	11.8	28.5	34.2	(S)	26.4	(S)	(S)
71	100 to 199	163.7	219.1	217.7	38.4	206.6	7.0	108.8
72	200 to 249	40.4	32.5	59.1	(S)	9.4	4.0	24.0
73	250 or more	6.6	9.4	18.9	(Z)	2.4	.7	6.3
74	Not reported[6]	24.2	28.6	19.6	(S)	16.1	4.5	21.4

See footnotes at end of table.

Products carried—Con.									
Hazardous waste	Mixed cargoes	Craftsman's equipment	Personal transpotation	No load carried	Not in use	Other	Not reported	Relative standard error of estimate (percent) for total	
5.0	324.6	319.2	250.8	224.5	84.2	27.7	(S)	.5	1
(S)	45.9	107.3	87.4	75.9	26.9	6.5	(Z)	1.0	2
(S)	63.1	146.8	64.1	86.6	11.6	9.9	(S)	1.0	3
3.9	185.8	32.7	5.3	38.2	15.2	9.8	(Z)	.5	4
(S)	29.8	32.3	94.0	23.9	30.5	1.5	(Z)	4.6	5
(S)	229.4	1 089.1	14 886.2	2 059.1	31.8	141.0	(Z)	.8	6
(S)	140.5	551.9	10 047.6	1 450.8	19.8	120.7	(Z)	1.1	7
(Z)	.8	(S)	(S)	(S)	(Z)	(S)	(Z)	8.2	8
.1	21.2	(S)	1.0	.4	(Z)	(S)	(Z)	3.7	9
(Z)	.4	(S)	(S)	(S)	(Z)	(Z)	(Z)	12.8	10
(Z)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	21.8	11
(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	17.1	12
(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	39.8	13
.3	91.7	4.8	7.8	3.6	.7	4.8	(Z)	1.8	14
.5	64.2	.9	3.7	1.7	.2	3.0	(Z)	2.2	15
.3	50.8	.6	1.4	1.5	.1	2.6	(Z)	2.3	16
(S)	288.8	1 371.2	19 276.9	2 423.7	48.7	153.2	(Z)	.6	17
(S)	11.4	.4	(S)	.7	.1	.3	(Z)	4.2	18
(S)	9.6	(S)	(S)	.7	.1	.2	(Z)	4.3	19
(Z)	5.1	(S)	(S)	.2	(Z)	.2	(Z)	6.0	20
1.2	199.2	1 105.0	19 594.8	1 797.1	107.5	61.4	(Z)	.6	21
3.1	286.5	580.2	244.1	607.6	29.8	74.0	(Z)	1.9	22
.5	93.6	310.8	4 272.0	639.3	4.6	48.4	(Z)	1.8	23
.5	11.5	10.0	51.5	16.7	(S)	(S)	(Z)	9.1	24
(S)	176.9	793.7	7 533.0	1 229.7	27.5	106.6	(Z)	1.2	25
(S)	9.4	18.4	230.6	43.9	.5	(S)	(Z)	8.1	26
(Z)	(S)	16.0	406.5	49.5	21.4	(Z)	(Z)	6.8	27
(Z)	3.3	(S)	131.0	10.4	(S)	(S)	(Z)	12.4	28
(S)	19.6	55.4	1 371.3	108.6	77.2	(S)	(S)	3.3	29
.8	57.8	283.8	4 840.3	375.5	63.9	16.5	(S)	1.8	30
2.2	192.9	348.7	151.8	271.7	28.7	32.8	(Z)	2.6	31
.9	88.8	289.5	2 766.1	530.9	6.1	68.2	(Z)	2.1	32
(S)	6.8	3.4	75.7	(S)	(S)	(S)	(Z)	10.0	33
(S)	146.0	640.1	5 035.3	721.5	17.5	70.7	(Z)	1.5	34
.7	27.1	70.1	479.7	65.3	.8	5.2	(Z)	5.0	35
(Z)	28.0	123.6	1 961.8	208.4	20.7	12.6	(Z)	3.0	36
(Z)	3.0	7.2	166.9	5.8	(Z)	(Z)	(Z)	12.1	37
1.1	180.1	855.9	14 557.3	1 724.7	122.5	67.8	(Z)	.8	38
6.5	685.6	2 476.3	29 289.6	3 792.1	257.5	256.1	(S)	.1	39
(S)	450.1	2 335.8	28 791.7	3 595.5	236.6	229.9	(S)	.2	40
4.5	233.0	135.7	463.7	195.0	16.9	24.5	(Z)	1.8	41
(Z)	(S)	4.7	19.9	(S)	(S)	(S)	(Z)	20.8	42
(Z)	(S)	(S)	14.3	.4	4.0	(Z)	(Z)	14.4	43
6.5	685.6	2 476.3	29 289.6	3 792.1	257.5	256.1	(S)	.1	44
(S)	54.0	325.7	6 256.9	539.5	36.3	16.1	(Z)	1.7	45
2.9	291.9	698.2	6 786.5	858.3	28.6	33.4	(Z)	1.2	46
(S)	243.3	1 320.6	14 390.2	2 208.5	108.9	194.0	(S)	.7	47
(Z)	.5	(S)	(S)	(S)	(Z)	(Z)	(Z)	44.5	48
1.1	96.0	131.5	1 843.6	184.5	83.8	12.6	(Z)	2.1	49
6.5	685.4	2 476.2	29 275.3	3 791.7	253.5	256.1	(S)	.1	50
(S)	450.1	2 335.8	28 791.7	3 595.5	236.6	229.9	(S)	.2	51
(Z)	69.2	436.9	8 456.8	822.3	47.3	23.8	(Z)	1.4	52
(S)	71.3	349.4	3 532.5	322.4	32.0	9.2	(Z)	2.0	53
(Z)	155.0	639.9	7 019.9	1 017.2	32.9	58.3	(Z)	1.3	54
(S)	115.4	705.1	7 367.6	1 108.6	53.8	104.8	(S)	1.2	55
(S)	21.8	136.7	1 343.0	230.9	16.2	27.1	(Z)	3.1	56
(Z)	17.4	67.6	1 071.9	94.0	54.4	6.7	(Z)	3.3	57
4.5	233.0	135.7	463.7	195.0	16.9	24.5	(Z)	1.8	58
.6	26.6	71.6	293.1	98.3	3.4	4.9	(Z)	4.6	59
(S)	45.7	48.3	85.9	69.7	1.8	(S)	(Z)	4.3	60
1.0	37.1	7.4	.3	6.3	1.6	2.7	(Z)	1.5	61
2.1	95.9	2.9	.2	6.8	2.9	3.0	(Z)	.9	62
.2	27.6	5.5	84.3	13.9	7.2	2.1	(Z)	5.1	63
(Z)	(S)	4.7	19.9	(S)	(S)	(S)	(Z)	20.8	64
(Z)	(S)	4.5	12.0	(S)	(Z)	(S)	(Z)	18.2	65
(Z)	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	28.1	66
(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	67
6.5	685.4	2 476.2	29 275.3	3 791.7	253.5	256.1	(S)	.1	68
(S)	450.1	2 335.8	28 791.7	3 595.5	236.6	229.9	(S)	.2	69
(Z)	34.7	235.3	4 049.2	322.9	29.7	6.1	(Z)	2.1	70
(S)	353.4	1 773.9	20 793.9	2 760.0	106.5	173.7	(S)	.5	71
(S)	24.4	165.6	1 459.4	276.5	19.2	37.8	(Z)	2.9	72
(Z)	2.8	18.6	249.4	27.5	4.7	.6	(Z)	5.4	73
(S)	34.8	142.4	2 239.8	208.5	76.5	11.7	(Z)	2.6	74

Table 9. **Trucks by Principal Products Carried: 1987**—Con.

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

	Vehicular and operational characteristics	Products carried—Con.						
		Fabricated metal products	Machinery	Transportation equipment	Glass products	Miscellaneous products of manufacturing	Industrial water	Scrap, refuse, or garbage
	ENGINE TYPE AND SIZE—Con.							
	Horsepower—Con.							
1	Diesel engines	45.8	88.1	69.5	5.5	36.9	13.7	74.7
2	Less than 250	19.5	35.0	31.5	1.2	21.5	5.7	42.2
3	250 to 349	9.8	23.8	17.4	1.4	6.3	3.7	17.0
4	350 to 449	10.8	16.6	9.9	1.6	4.1	1.6	5.6
5	450 or more	.3	1.2	.2	(Z)	(Z)	(Z)	(S)
6	Not reported[6]	5.3	11.4	10.4	1.3	5.0	2.6	9.8
7	Other engines	(Z)	(S)	(S)	(Z)	(S)	(S)	(Z)
8	Less than 250	(Z)	(S)	(S)	(Z)	(S)	(S)	(Z)
9	250 or more	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
10	Not reported[6]	(Z)	(Z)	(S)	(Z)	(S)	(Z)	(Z)
	TRUCK TYPE AND AXLE ARRANGEMENT							
11	Single-unit trucks	259.0	303.8	363.3	50.4	281.4	26.2	220.3
12	2 axles	255.8	295.9	357.5	50.4	279.1	19.0	178.3
13	3 axles	3.2	7.6	5.5	(Z)	2.3	6.9	40.1
14	4 axles or more	(Z)	.3	(S)	(Z)	(Z)	.3	1.9
15	Combinations	33.5	102.9	56.7	4.9	17.7	4.4	21.7
16	Single-unit truck with trailer	1.2	6.8	3.7	(S)	(S)	.4	.8
17	4 axles	.9	4.2	2.0	(S)	(S)	(S)	(S)
18	5 axles or more	(S)	2.5	1.6	(S)	(S)	(S)	.5
19	Single-unit truck with utility trailer	5.5	29.0	12.9	(S)	3.6	(S)	8.5
20	3 axles	1.8	6.2	(S)	(S)	(S)	(Z)	(S)
21	4 axles	(S)	17.2	7.3	(Z)	(S)	(S)	4.5
22	5 axles or more	.6	5.6	.7	(Z)	(Z)	(S)	1.1
23	Truck-tractor with single trailer	26.6	67.0	40.1	3.9	13.6	3.6	12.3
24	3 axles	1.5	5.3	3.6	(S)	.8	(S)	.9
25	4 axles	6.1	19.0	11.3	.8	4.3	.8	1.7
26	5 axles or more	19.0	42.7	25.1	2.9	8.5	2.7	9.7
27	Truck-tractor with double trailers	(S)	(S)	(Z)	(S)	(S)	(Z)	(S)
28	5 axles	(S)	(Z)	(Z)	(S)	(S)	(Z)	(Z)
29	6 axles	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
30	7 axles or more	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
31	Truck-tractor with triple trailers	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
32	7 axles	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
33	8 axles or more	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
34	Trailer not specified	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
35	Powered axles	292.4	406.6	420.0	55.3	299.1	30.6	242.1
36	1	246.9	322.5	354.3	48.7	238.9	18.9	174.7
37	2	44.9	83.1	64.7	6.6	60.2	11.4	67.2
38	3 or more	.6	1.1	.9	(Z)	(S)	(S)	(S)
39	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	CAB TYPE[7]							
40	Cab forward of engine	2.0	2.0	1.8	(S)	(S)	(S)	3.2
41	Cab over engine	22.7	26.1	18.2	2.6	15.4	3.1	32.7
42	Conventional cab	71.1	135.5	140.9	8.7	31.6	25.0	121.3
43	Cab beside engine	(S)	1.7	(S)	(Z)	(S)	(Z)	(S)
44	Other	(S)	1.4	3.2	(Z)	(S)	(S)	1.3
45	Not reported	2.4	9.7	23.1	(S)	5.4	1.4	5.8
	PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS							
46	Total	192.4	230.2	232.2	36.2	245.5	(S)	77.5
47	Pickups	134.0	127.4	195.0	26.4	87.7	(S)	72.7
48	Mini-vans	9.7	16.3	(S)	(Z)	37.8	(Z)	(Z)
49	Panels or vans	39.0	73.1	25.2	9.8	79.0	(Z)	(S)
50	Utilities	5.9	9.6	5.2	(Z)	38.1	(Z)	(S)
51	Station wagons	(S)	(S)	(S)	(Z)	(S)	(Z)	(Z)
52	Driving wheels	192.4	230.2	232.2	36.2	245.5	(S)	77.5
53	4-wheel drive	21.4	26.0	32.9	(S)	48.8	(S)	17.0
54	2-wheel drive	171.0	204.2	199.3	32.5	196.8	(Z)	60.5
55	Front-wheel drive	(S)	8.3	(S)	(Z)	26.1	(Z)	(S)
56	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Note: Some data cells may have high relative standard errors of estimate (RSE's). See appendix B for approximating the RSE's for the data cells. Some unpublished estimates can be derived from this table by subtracting published data from their respective totals. However, the figures obtained by such subtraction are subject to high sampling variability or poor response quality. These unpublished data are for internal use only. The U.S. data may vary from the sum of the State reports because of rounding.

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.
[2]Detail does not add to total because items were not applicable or multiple responses were possible.
[3]When no response was obtained, a fleet size of one truck was assumed.
[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.
[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.
[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.
[7]Pickups, panels, vans, and mini-vans are not included.

Products carried—Con.									
Hazardous waste	Mixed cargoes	Craftsman's equipment	Personal transpotation	No load carried	Not in use	Other	Not reported	Relative standard error of estimate (percent) for total	
4.5	233.0	135.7	463.7	195.0	16.9	24.5	(Z)	1.8	1
.9	76.7	100.8	323.8	150.6	4.7	16.0	(Z)	3.0	2
1.2	83.9	5.6	1.4	11.4	3.7	4.1	(Z)	1.1	3
2.0	43.6	1.8	.3	4.5	1.5	1.5	(Z)	1.2	4
.1	1.4	(Z)	(Z)	.1	(S)	(Z)	(Z)	7.0	5
.3	27.3	27.4	138.3	28.3	7.0	2.9	(Z)	5.9	6
(Z)	(S)	4.7	19.9	(S)	(S)	(S)	(Z)	20.8	7
(Z)	(S)	4.7	12.0	(S)	(Z)	(S)	(Z)	17.1	8
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(S)	9
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(S)	10
2.7	485.1	2 431.1	29 057.9	3 743.8	245.2	247.2	(S)	.1	11
(S)	482.3	2 421.3	29 056.5	3 728.7	239.8	246.2	(S)	.1	12
(S)	2.8	9.5	.7	14.0	5.2	1.0	(Z)	1.7	13
(S)	(S)	(S)	(S)	1.1	(S)	(Z)	(Z)	4.1	14
3.8	200.5	45.2	231.7	48.3	12.4	8.9	(Z)	2.0	15
(S)	1.1	3.8	(S)	1.8	.8	.1	(Z)	5.7	16
(Z)	.7	2.7	(S)	1.4	(S)	(Z)	(Z)	9.4	17
(S)	.4	(S)	(S)	.5	(S)	.1	(Z)	6.6	18
(S)	4.3	36.4	229.2	34.3	2.7	(S)	(Z)	6.2	19
(S)	.6	17.8	114.2	16.6	(S)	(S)	(Z)	10.7	20
(Z)	(S)	16.5	111.7	14.8	(S)	(S)	(Z)	8.5	21
(S)	.4	2.1	(S)	(S)	.4	(Z)	(Z)	8.0	22
3.3	174.0	5.1	1.6	12.1	8.6	6.3	(Z)	.6	23
(Z)	28.0	.5	.8	.9	1.3	.3	(Z)	3.3	24
.5	52.1	1.2	(S)	4.4	2.8	1.0	(Z)	1.7	25
2.8	94.0	3.4	.4	6.8	4.5	4.9	(Z)	.8	26
(Z)	20.8	(Z)	(Z)	(Z)	(S)	(S)	(Z)	5.2	27
(Z)	17.4	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	6.0	28
(Z)	3.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	15.0	29
(Z)	.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	11.0	30
(Z)	.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	21.7	31
(Z)	.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	25.3	32
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	41.5	33
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(S)	34
6.5	685.6	2 476.3	29 289.6	3 792.1	257.5	256.1	(S)	.1	35
3.2	521.6	2 088.9	22 556.8	2 846.0	213.0	227.2	(S)	.4	36
3.3	162.2	386.1	6 732.6	942.9	43.6	28.8	(Z)	1.2	37
(Z)	1.8	1.2	(S)	3.2	.8	.1	(Z)	8.3	38
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(S)	39
(S)	5.8	4.2	2.8	4.8	1.6	.1	(Z)	4.7	40
1.2	109.8	27.9	21.1	15.7	10.1	4.6	(Z)	1.2	41
3.4	174.0	242.3	117.2	174.6	50.4	19.8	(S)	.4	42
(S)	2.5	3.5	1.6	3.2	.5	(S)	(Z)	8.0	43
(Z)	8.9	11.6	13.3	7.1	2.9	1.3	(Z)	4.6	44
(S)	23.6	29.7	94.9	19.1	18.7	1.6	(Z)	5.5	45
(S)	361.0	2 157.1	29 038.8	3 567.6	173.4	228.4	(Z)	.1	46
(S)	209.2	1 433.9	20 265.5	2 606.1	116.9	38.1	(Z)	.2	47
(Z)	12.2	66.3	1 342.6	133.1	(S)	12.6	(Z)	3.6	48
(S)	113.3	521.4	3 190.7	360.8	25.6	147.3	(Z)	1.7	49
(Z)	18.5	106.1	3 134.3	311.1	19.7	14.8	(Z)	2.2	50
(Z)	7.9	29.3	1 105.6	156.4	(S)	15.6	(Z)	4.2	51
(S)	361.0	2 157.1	29 038.8	3 567.6	173.4	228.4	(Z)	.1	52
(Z)	64.8	365.2	6 712.6	911.6	32.6	22.6	(Z)	1.4	53
(S)	296.3	1 791.9	22 326.2	2 655.9	140.7	205.8	(Z)	.4	54
(Z)	(Z)	37.8	906.8	136.1	(S)	7.7	(Z)	4.6	55
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	56

Table 10. **Truck Miles by Major Use: 1987**

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

	Vehicular and operational characteristics	Total	Major use						
			Agriculture	Forestry and lumbering	Mining and quarrying	Construction	Manufacturing	Wholesale trade	Retail trade
1	**Total trucks**	**529 315.3**	**34 022.0**	**5 004.3**	**3 353.5**	**63 689.2**	**12 468.8**	**20 633.3**	**22 673.4**
2	Relative standard error (percent)	.5	3.7	7.3	8.1	2.7	5.2	4.1	4.1
	BODY TYPE								
3	Pickup	284 929.0	24 075.2	2 069.0	1 508.1	36 157.7	2 519.4	4 084.3	8 571.6
4	Mini-van	23 027.2	(S)	(Z)	(Z)	1 141.1	382.1	740.0	1 528.3
5	Panel or van	61 035.5	800.6	(S)	83.2	10 044.5	1 354.3	3 720.3	3 998.6
6	Utility	43 199.9	1 139.2	52.5	98.5	2 770.4	794.1	692.7	1 263.3
7	Station wagon	14 804.4	425.5	(S)	(S)	665.1	(S)	252.5	585.2
8	Multistop or walk-in	6 614.1	194.9	(S)	(S)	855.3	431.4	1 391.7	964.9
9	Platform with added devices	2 507.6	369.8	79.9	84.2	692.5	156.6	291.1	284.7
10	Low boy or depressed center	1 926.7	153.0	65.2	55.2	738.3	142.2	41.5	88.7
11	Basic platform	19 299.3	2 177.0	998.5	290.0	3 267.2	1 429.6	1 571.1	1 021.5
12	Livestock truck	1 226.0	533.6	(S)	(Z)	(S)	(S)	(S)	(S)
13	Insulated nonrefrigerated van	1 341.9	97.0	(S)	(Z)	2.9	91.9	228.8	108.9
14	Insulated refrigerated van	8 783.1	790.4	(S)	(Z)	(S)	591.3	2 126.7	438.3
15	Drop-frame van	2 466.6	38.5	(S)	(Z)	21.8	293.0	143.2	162.1
16	Open-top van	546.1	105.2	148.5	(S)	(S)	57.7	19.5	(S)
17	Basic enclosed van	29 086.1	607.5	130.5	38.2	474.2	2 942.4	3 246.3	1 791.8
18	Beverage	941.6	(S)	(Z)	(Z)	(S)	95.4	696.1	135.9
19	Public utility	1 117.0	(S)	(S)	(S)	137.6	(S)	(S)	18.0
20	Winch or crane	678.0	14.3	(S)	34.0	250.8	48.2	46.6	39.8
21	Wrecker	1 294.6	(S)	(S)	(S)	25.1	(S)	30.6	516.9
22	Pole or logging	1 576.0	(S)	1 169.4	(S)	27.0	11.3	(S)	(S)
23	Auto transport	863.0	(S)	(Z)	(Z)	(S)	(S)	73.7	57.0
24	Service truck	1 329.9	17.6	9.3	40.8	750.2	22.8	29.8	83.6
25	Yard tractor	30.0	(S)	1.1	(Z)	(S)	6.1	6.1	4.3
26	Oilfield truck	316.2	(S)	(Z)	186.8	46.4	1.9	(S)	8.1
27	Grain body	1 974.6	1 311.3	(S)	(S)	(S)	21.3	(S)	8.2
28	Garbage hauler	1 025.1	(S)	(S)	(Z)	96.6	15.0	(S)	(S)
29	Dump truck	8 888.3	439.4	115.0	592.5	4 340.1	203.6	88.0	130.2
30	Tank truck (liquids or gases)	5 937.5	516.7	3.7	212.5	331.0	548.5	1 029.8	762.0
31	Tank truck (dry bulk)	1 364.0	163.8	(S)	57.9	166.4	103.5	30.4	31.5
32	Concrete mixer	778.1	(S)	(Z)	(S)	638.0	87.6	2.6	34.8
33	Other	408.1	(S)	(Z)	(Z)	9.1	36.9	(S)	14.3
34	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	ANNUAL MILES								
35	Less than 5,000	23 142.4	2 558.7	131.0	91.2	1 801.0	254.0	243.7	522.9
36	5,000 to 9,999	70 863.1	5 355.1	310.0	287.4	5 697.8	627.2	882.5	1 988.4
37	10,000 to 19,999	196 821.1	11 235.0	980.4	694.2	20 678.0	2 289.8	4 197.8	7 592.1
38	20,000 to 29,999	106 067.9	4 978.8	982.8	703.8	18 155.5	1 953.9	4 673.2	5 483.6
39	30,000 to 49,999	64 849.4	5 505.6	823.6	917.0	12 021.8	2 477.5	5 046.3	4 903.5
40	50,000 to 74,999	24 126.0	2 592.9	804.8	327.5	3 689.8	1 393.6	2 506.9	998.6
41	75,000 or more	43 445.3	1 795.8	971.7	332.4	1 645.2	3 472.7	3 082.9	1 184.3
	RANGE OF OPERATION								
42	Local	350 883.5	21 895.6	2 435.1	1 681.3	44 762.9	4 954.3	9 486.0	15 282.7
43	Short-range	108 276.4	6 715.0	1 940.2	1 116.4	15 221.9	3 957.8	8 122.4	5 814.8
44	Long-range	56 016.8	2 139.4	314.6	174.0	2 131.5	3 344.9	2 942.8	1 171.0
45	Off-the-road	13 466.9	3 263.6	(S)	381.8	1 572.8	211.6	80.3	404.5
46	Not reported	671.8	(S)	(Z)	(Z)	(Z)	(S)	(S)	(S)
	BASE OF OPERATION								
	Percentage of miles traveled outside base-of-operation State:								
47	Less than 25 percent	393 197.2	27 258.5	3 981.7	2 580.2	53 241.9	7 059.1	14 967.9	17 938.0
48	25 to 49 percent	28 037.5	1 036.4	318.7	178.4	2 338.2	1 422.4	1 228.7	1 163.3
49	50 to 74 percent	26 102.3	1 208.7	227.1	148.1	1 675.6	1 365.6	1 456.1	1 104.1
50	75 to 100 percent	39 073.0	1 511.6	216.3	132.7	2 361.7	1 963.2	1 578.0	543.6
51	Not reported	42 905.3	3 006.8	260.5	314.0	4 071.7	658.5	1 402.6	1 924.5
	VEHICLE SIZE								
52	Light	439 342.0	27 080.5	2 359.2	1 842.1	54 020.6	5 727.3	11 383.2	17 730.6
53	Medium	10 767.7	1 297.5	157.0	140.0	1 829.8	566.3	1 495.3	1 396.8
54	Light-heavy	7 581.3	1 064.0	164.9	142.3	1 195.2	455.6	1 570.3	877.5
55	Heavy-heavy	71 623.8	4 579.5	2 323.2	1 229.1	6 643.6	5 719.6	6 184.6	2 668.5
	AVERAGE WEIGHT (POUNDS)								
56	Less than 6,001	406 921.3	23 319.6	1 911.8	1 474.6	47 687.3	4 850.0	8 710.6	15 138.0
57	6,001 to 10,000	32 420.7	3 760.9	447.5	367.5	6 333.3	877.3	2 672.6	2 592.6
58	10,001 to 14,000	5 439.6	610.8	42.7	77.3	1 070.7	233.3	715.4	655.2
59	14,001 to 16,000	2 738.2	390.2	57.5	28.1	342.0	148.9	383.0	415.2
60	16,001 to 19,500	2 590.0	296.6	56.8	34.6	417.2	184.2	396.9	326.4
61	19,501 to 26,000	7 581.0	1 064.0	164.9	142.3	1 195.2	455.4	1 570.3	877.5
62	26,001 to 33,000	5 410.7	605.4	70.5	106.7	737.4	488.6	1 088.9	480.8
63	33,001 to 40,000	4 113.1	345.7	77.2	58.7	450.7	564.0	638.8	239.5
64	40,001 to 50,000	7 624.9	566.4	161.3	96.4	1 270.0	734.9	805.4	263.6
65	50,001 to 60,000	7 156.9	295.7	96.0	94.8	877.9	567.0	634.5	279.9

See footnotes at end of table.

Major use—Con.									Relative standard error of estimate (percent) for total	
For-hire transportation	Utilities	Services	Daily rental	One way rental	Personal transportation	Other	Not in use	Not reported		
43 239.8	**5 829.4**	**27 207.3**	**3 607.3**	**545.4**	**286 955.7**	**(S)**	**50.7**	**(Z)**		**1**
1.4	8.2	3.9	7.8	9.7	.9	(S)	28.7	(Z)		2
863.3	2 397.3	10 872.0	63.1	(S)	191 662.3	(S)	28.0	(Z)	.8	3
(S)	294.2	1 566.9	(S)	(Z)	17 113.4	(Z)	(Z)	(Z)	4.2	4
968.1	1 035.6	6 472.0	666.5	(S)	31 771.0	(Z)	(S)	(Z)	2.5	5
86.0	431.8	2 145.3	66.1	(Z)	33 659.7	(Z)	(S)	(Z)	3.3	6
(S)	(S)	1 584.7	(S)	(Z)	11 098.6	(Z)	(Z)	(Z)	5.4	7
813.9	49.1	567.1	128.8	94.6	1 107.8	(Z)	(S)	(Z)	5.3	8
215.3	92.1	222.1	7.9	(S)	10.3	(S)	(S)	(Z)	3.8	9
573.7	37.0	16.2	(S)	(Z)	4.0	(Z)	(Z)	(Z)	5.5	10
6 880.7	169.1	688.3	345.2	22.7	425.6	(S)	12.4	(Z)	1.7	11
640.0	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	7.0	12
729.3	(Z)	(S)	50.3	(Z)	(Z)	(Z)	(S)	(Z)	6.8	13
4 699.8	5.4	57.3	69.1	(Z)	(Z)	(Z)	(S)	(Z)	2.6	14
1 577.5	(Z)	101.2	75.8	48.6	(S)	(Z)	(S)	(Z)	4.9	15
182.9	(Z)	10.0	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	8.6	16
17 156.3	36.3	621.5	1 690.2	329.0	15.8	(S)	(S)	(Z)	1.5	17
(S)	(Z)	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	5.6	18
(S)	902.7	28.7	(S)	(Z)	(S)	(Z)	(S)	(Z)	6.3	19
69.5	14.9	154.5	3.7	(Z)	(S)	(Z)	(S)	(Z)	8.8	20
204.1	(S)	503.9	(Z)	(Z)	(S)	(S)	(S)	(Z)	8.1	21
343.3	(S)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	4.6	22
651.2	(Z)	45.7	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	8.3	23
(S)	141.4	190.1	(S)	(Z)	17.8	(Z)	.3	(Z)	6.4	24
3.6	(Z)	2.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	17.4	25
31.2	3.8	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	12.7	26
589.5	(Z)	13.4	.5	(Z)	4.4	(Z)	(S)	(Z)	3.9	27
36.2	54.1	788.1	(S)	(Z)	(Z)	(S)	(S)	(Z)	6.4	28
2 500.3	101.7	258.8	66.1	(S)	41.7	(Z)	1.6	(Z)	2.1	29
2 312.5	54.2	147.6	(S)	(S)	(S)	(S)	(S)	(Z)	2.9	30
795.2	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	6.6	31
5.1	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.3	32
240.2	(S)	69.7	(S)	(Z)	(S)	(S)	(Z)	(Z)	15.2	33
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	34
83.8	210.5	802.8	(S)	(S)	16 346.2	(Z)	26.5	(Z)	1.6	35
447.5	887.9	3 107.6	126.0	49.9	51 084.9	(S)	(S)	(Z)	1.3	36
1 699.5	2 681.5	9 296.0	588.8	277.6	134 600.5	(S)	(S)	(Z)	1.1	37
1 815.3	1 346.6	6 526.8	632.2	84.8	58 729.7	(Z)	(S)	(Z)	2.2	38
4 521.1	622.5	5 262.2	660.7	89.9	21 963.5	(S)	(S)	(Z)	3.4	39
7 143.6	41.4	1 419.7	482.1	14.1	2 707.7	(S)	(Z)	(Z)	4.6	40
27 529.1	39.0	792.2	1 049.1	27.6	1 523.2	(Z)	(Z)	(Z)	1.8	41
6 723.8	4 116.8	19 727.9	1 009.9	(S)	218 742.1	.7	19.2	(Z)	.8	42
10 699.6	1 455.3	5 154.3	1 261.3	21.3	46 758.6	(S)	3.0	(Z)	2.0	43
25 654.4	199.4	1 568.8	1 255.4	15.4	15 104.6	(Z)	(S)	(Z)	2.0	44
148.1	57.9	756.3	6.9	(Z)	6 266.7	(Z)	2.1	(Z)	5.5	45
14.0	(Z)	(Z)	73.9	463.6	(S)	(Z)	25.7	(Z)	11.5	46
13 323.7	5 247.6	21 327.6	1 735.5	84.0	224 399.9	(S)	46.8	(Z)	.7	47
3 515.8	209.9	1 100.2	302.3	(S)	15 187.0	(S)	(S)	(Z)	3.8	48
6 124.3	90.9	1 142.9	538.3	(S)	11 013.0	(S)	(S)	(Z)	3.4	49
16 778.5	139.4	1 459.2	433.8	17.6	11 937.2	(Z)	(S)	(Z)	2.4	50
3 497.5	141.7	2 177.4	597.3	431.5	24 418.6	(Z)	(S)	(Z)	2.8	51
2 551.1	4 795.8	24 010.6	1 286.6	258.2	286 224.7	(S)	40.9	(Z)	.6	52
1 355.7	387.2	992.3	297.5	180.4	670.2	(Z)	1.7	(Z)	3.2	53
1 149.6	261.0	406.7	222.9	39.0	29.9	(S)	(S)	(Z)	2.3	54
38 183.5	385.4	1 797.6	1 800.3	67.7	30.8	(S)	(S)	(Z)	.7	55
1 659.5	3 972.5	21 325.0	901.4	(S)	275 877.3	(S)	30.7	(Z)	.7	56
891.6	823.3	2 685.6	385.2	225.0	10 347.4	(S)	10.2	(Z)	3.5	57
593.6	178.6	563.0	67.1	41.3	589.9	(Z)	.7	(Z)	4.9	58
441.4	97.5	215.4	137.8	43.1	37.2	(Z)	(S)	(Z)	6.9	59
320.7	111.2	213.9	92.7	96.0	43.0	(Z)	.1	(Z)	4.6	60
1 149.6	261.0	406.7	222.9	39.0	29.8	(S)	(S)	(Z)	2.3	61
1 110.8	161.2	251.2	278.7	18.6	7.2	(S)	(S)	(Z)	2.9	62
1 355.4	61.0	220.8	91.9	(S)	3.8	(S)	.2	(Z)	3.1	63
3 113.5	66.0	400.6	130.0	(S)	4.0	(S)	(S)	(Z)	2.4	64
3 686.6	30.1	336.7	243.9	(S)	(S)	(Z)	(S)	(Z)	2.7	65

Table 10. **Truck Miles by Major Use: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Major use						
			Agriculture	Forestry and lumbering	Mining and quarrying	Construction	Manufacturing	Wholesale trade	Retail trade
	AVERAGE WEIGHT (POUNDS)—Con.								
1	60,001 to 80,000	45 438.8	2 621.7	1 704.4	728.6	2 964.4	3 295.9	2 917.3	1 363.3
2	80,001 to 100,000	1 254.0	92.8	192.5	113.2	198.5	43.6	63.9	36.1
3	100,001 to 130,000	439.8	40.3	16.9	30.7	84.0	18.2	(S)	2.6
4	130,001 or more	185.0	11.1	(S)	(Z)	60.6	(S)	14.1	(S)
5	Not reported	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	TOTAL LENGTH (FEET)								
6	Less than 13.0	41 064.0	1 737.8	73.6	(S)	3 656.4	951.3	667.1	2 012.9
7	13.0 to 15.9	135 251.1	4 288.6	569.8	335.7	12 935.1	1 392.8	2 928.1	5 527.7
8	16.0 to 19.9	257 550.5	20 047.6	1 691.9	1 485.0	36 343.1	3 075.8	7 488.4	9 647.2
9	20.0 to 27.9	20 213.7	2 531.6	382.4	399.5	5 000.3	1 030.7	3 013.8	2 542.8
10	28.0 to 35.9	10 211.9	1 145.6	189.6	295.7	1 928.4	736.2	1 565.3	736.9
11	36.0 to 40.9	4 277.7	832.6	79.3	99.3	711.4	131.4	255.8	86.4
12	41.0 to 44.9	1 204.3	143.6	26.6	29.1	250.7	23.4	113.9	(S)
13	45.0 or more	59 541.5	3 294.6	1 991.1	687.3	2 863.7	5 127.2	4 600.9	2 064.3
14	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	YEAR MODEL								
15	1988	688.4	57.1	(Z)	5.4	(S)	(S)	(S)	87.8
16	1987	43 253.1	2 245.0	301.6	194.1	4 980.5	1 150.4	1 986.5	2 152.5
17	1986	79 690.9	3 843.3	596.9	455.2	10 571.1	1 717.1	2 978.9	3 887.2
18	1985	65 859.2	3 019.9	412.0	575.1	7 518.9	2 093.0	3 104.5	3 409.2
19	1984	54 613.5	2 682.2	546.9	403.1	5 806.2	1 724.6	2 983.7	2 656.1
20	1983	34 797.7	1 933.2	484.1	182.6	4 003.8	793.5	1 169.6	1 262.3
21	1982	29 340.7	2 230.3	211.6	257.4	3 517.7	545.7	1 591.8	1 597.0
22	1981	24 916.4	2 071.2	212.7	256.5	3 127.7	639.3	1 174.1	953.8
23	1980	22 756.6	1 635.5	290.9	210.2	3 082.7	665.9	965.9	907.3
24	1979	36 289.1	2 975.4	360.5	166.6	4 583.2	914.8	1 243.3	1 457.2
25	1978	30 917.0	2 391.5	289.3	144.0	3 470.7	450.1	1 010.9	1 065.5
26	Pre-1978	106 038.1	8 924.1	1 297.6	503.4	12 951.4	1 759.9	2 393.6	3 237.4
27	Not reported	154.4	(S)	(S)	(Z)	11.1	(S)	(S)	(S)
	VEHICLE ACQUISITION								
28	Purchased new	292 290.7	18 787.6	2 660.6	2 137.3	37 174.4	7 763.3	14 063.3	14 278.0
29	Purchased used	215 230.7	14 483.9	2 200.8	1 139.7	24 210.7	2 996.0	5 028.6	6 991.1
30	Leased from someone else	17 354.0	469.1	111.7	62.2	1 752.8	1 666.3	1 197.6	1 133.6
31	Not reported	4 439.9	281.3	31.2	14.3	551.3	43.3	343.7	270.7
	LEASE CHARACTERISTICS[1 2]								
32	Leased without driver	23 062.1	841.8	241.8	85.4	2 038.0	2 379.8	2 280.9	1 629.6
33	Leased with driver	4 302.1	135.3	48.9	54.3	527.4	122.6	127.2	135.5
34	Leased with owner-operator	7 794.2	184.7	43.5	79.6	902.7	96.2	224.9	200.6
35	Not reported	861.6	16.4	(S)	(S)	105.1	(S)	56.3	40.8
	Provisions of lease:								
36	Financing	10 206.1	312.0	57.9	33.6	1 480.7	1 110.1	1 053.7	768.9
37	Full maintenance	7 561.2	234.4	107.9	36.8	499.5	1 149.8	1 013.7	584.9
38	Maintenance on specific parts	1 334.9	35.1	(S)	(S)	178.7	64.4	73.1	192.2
39	Payment of taxes	6 955.0	172.6	104.3	(S)	471.8	786.4	623.7	470.1
40	Obtaining licenses and permits	9 924.5	315.1	113.9	70.1	592.9	825.4	799.4	505.9
41	Record keeping for leased trucks	5 756.7	200.9	94.7	41.6	293.1	641.4	490.9	299.6
42	Other	1 504.3	75.8	(S)	(S)	114.1	36.6	103.6	28.1
	OPERATOR CLASSIFICATION								
43	Not for hire	482 013.7	33 964.3	4 998.1	3 352.8	63 537.4	12 459.8	20 620.0	22 481.7
44	Business use	188 046.1	32 668.2	4 761.8	3 318.6	61 184.1	12 375.4	20 211.6	21 518.0
45	Personal transportation	286 834.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
46	Mixed-business use/personal transportation	7 133.4	1 296.1	(S)	(S)	2 353.3	(S)	408.4	963.6
47	For hire	43 124.8	(S)	(S)	(Z)	(S)	(Z)	(S)	(S)
48	Motor carrier	30 655.1	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)
49	Owner/operator	12 413.1	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
50	Independent	5 944.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
51	Leased to a company	6 468.2	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
52	Not reported	56.5	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)
53	Daily rental	3 621.9	(Z)	(Z)	(Z)	(S)	(Z)	(S)	(S)
54	Mixed-not for hire/for hire	102.1	29.4	(S)	(S)	21.4	(S)	5.2	(S)
	For-hire jurisdiction:								
55	Interstate	28 891.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
56	Intrastate	9 396.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
57	Local	4 807.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
58	Not reported	30.0	(S)	(S)	(Z)	(S)	(Z)	(S)	(S)
	Type of carrier (interstate only):								
59	Contract	6 295.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
60	Common	20 149.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
61	Exempt	1 539.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
62	Not reported	907.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

See footnotes at end of table.

Major use—Con.									Relative standard error of estimate (percent) for total	
For-hire transportation	Utilities	Services	Daily rental	One way rental	Personal transportation	Other	Not in use	Not reported		
28 151.3	60.6	556.0	1 039.0	23.3	12.4	(Z)	(S)	(Z)	1.0	1
465.9	(S)	31.4	13.5	(Z)	(S)	(Z)	(Z)	(Z)	4.8	2
217.3	(S)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	8.1	3
82.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	14.2	4
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(S)	5
(S)	436.6	2 339.7	96.0	(Z)	28 933.6	(Z)	(S)	(Z)	3.4	6
554.0	1 732.0	7 161.3	415.3	(S)	97 342.6	(S)	(S)	(Z)	1.7	7
1 997.4	2 615.1	13 941.2	783.0	62.4	158 344.5	(S)	27.1	(Z)	1.1	8
1 872.5	624.2	1 440.0	450.1	360.3	554.9	(S)	9.8	(Z)	1.5	9
1 629.1	222.3	1 000.6	314.6	52.3	393.8	(S)	(S)	(Z)	3.3	10
687.5	50.5	340.0	18.5	(Z)	984.9	(Z)	(Z)	(Z)	7.9	11
249.9	18.8	52.8	(S)	(Z)	221.3	(Z)	(Z)	(Z)	11.2	12
36 113.0	129.9	931.6	1 510.6	38.2	179.6	(S)	(S)	(Z)	.8	13
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(S)	14
58.0	(Z)	(S)	(S)	(S)	338.0	(Z)	(Z)	(Z)	14.3	15
3 644.6	523.9	2 820.3	749.5	53.3	22 451.0	(Z)	(Z)	(Z)	3.2	16
4 953.9	757.5	4 673.1	470.3	71.4	44 682.0	(S)	(Z)	(Z)	2.5	17
6 346.9	1 424.6	4 471.7	779.9	39.4	32 663.9	(S)	(Z)	(Z)	2.5	18
5 126.1	671.6	3 426.3	583.7	40.1	27 962.8	(Z)	(Z)	(Z)	2.6	19
2 150.4	390.1	1 850.2	398.7	7.4	20 166.5	(Z)	(S)	(Z)	3.5	20
1 914.7	338.2	1 748.6	101.5	(S)	15 281.8	(Z)	(S)	(Z)	3.9	21
2 925.5	525.0	1 197.1	80.8	36.0	11 714.9	(S)	(S)	(Z)	3.8	22
2 769.4	329.6	905.8	57.5	8.2	10 927.2	(Z)	(S)	(Z)	3.5	23
3 358.2	216.5	1 656.5	82.9	25.5	19 245.3	(S)	(S)	(Z)	2.8	24
2 601.2	205.8	1 114.8	88.1	23.5	18 061.8	(Z)	(Z)	(Z)	3.4	25
7 359.7	446.6	3 319.9	197.2	235.6	63 369.8	(S)	40.7	(Z)	1.5	26
31.3	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	49.8	27
23 660.1	4 449.0	16 533.2	2 961.1	533.9	147 245.6	(S)	(S)	(Z)	1.0	28
13 454.5	622.3	9 193.1	444.0	(S)	134 412.5	(S)	41.5	(Z)	1.1	29
5 645.0	746.2	1 305.2	(S)	(Z)	3 136.1	(S)	(S)	(Z)	4.5	30
480.2	12.0	175.7	74.6	(Z)	2 161.6	(Z)	(Z)	(Z)	7.8	31
4 619.2	738.5	1 550.5	3 605.3	498.7	2 551.5	(S)	(S)	(Z)	3.8	32
2 698.9	(S)	102.2	(Z)	(S)	341.6	(Z)	(Z)	(Z)	6.2	33
4 752.5	(S)	191.8	(Z)	(Z)	1 006.0	(Z)	(Z)	(Z)	4.7	34
208.9	(S)	(S)	(Z)	(S)	326.9	(Z)	(Z)	(Z)	12.8	35
1 930.9	613.7	915.3	53.5	(Z)	1 875.2	(S)	(Z)	(Z)	7.0	36
2 551.8	(S)	251.9	656.7	20.4	296.7	(S)	(Z)	(Z)	4.1	37
266.2	(S)	184.8	36.0	(Z)	289.8	(Z)	(Z)	(Z)	14.6	38
3 030.7	81.0	440.2	271.6	19.4	451.6	(S)	(Z)	(Z)	5.7	39
5 550.7	(S)	276.0	528.6	20.4	281.6	(S)	(Z)	(Z)	3.1	40
2 941.4	(S)	116.6	414.2	(S)	92.5	(S)	(Z)	(Z)	3.9	41
847.7	(S)	64.1	20.1	6.2	169.3	(Z)	(Z)	(Z)	8.2	42
98.1	5 828.4	27 087.2	(S)	544.8	286 955.7	(S)	49.2	(Z)	.6	43
(S)	5 752.8	25 516.2	(S)	544.8	(S)	(S)	35.8	(Z)	1.4	44
(Z)	(Z)	(Z)	(Z)	(Z)	286 821.3	(Z)	(S)	(Z)	.9	45
(S)	(S)	1 571.0	(Z)	(Z)	(S)	(Z)	(S)	(Z)	8.8	46
43 112.9	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	1.4	47
30 649.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	1.7	48
12 411.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	2.5	49
5 944.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	4.1	50
6 466.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	3.2	51
51.7	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	20.8	52
(S)	(Z)	(Z)	3 606.3	(Z)	(Z)	(Z)	(S)	(Z)	7.7	53
19.2	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	22.2	54
28 891.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	1.6	55
9 395.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	3.3	56
4 807.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.5	57
18.6	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	34.9	58
6 295.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.5	59
20 149.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	2.0	60
1 538.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	6.9	61
907.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	8.9	62

Table 10. **Truck Miles by Major Use: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Major use: Agriculture	Forestry and lumbering	Mining and quarrying	Construction	Manufacturing	Wholesale trade	Retail trade
	PRODUCTS CARRIED								
1	Farm products	16 210.4	10 591.2	(S)	(S)	287.1	134.0	959.8	612.8
2	Live animals	7 213.6	5 769.5	(S)	(Z)	(S)	(S)	(S)	40.3
3	Mining products	1 574.9	11.9	(Z)	658.4	86.6	49.2	18.9	13.5
4	Logs and other forest products	3 295.7	110.4	2 059.3	(Z)	251.9	35.3	43.1	38.7
5	Lumber and fabricated wood products	6 684.8	(S)	1 010.1	(S)	2 914.5	304.7	433.5	491.5
6	Processed foods	16 322.5	1 216.7	(S)	(S)	10.7	1 524.1	5 804.2	2 959.9
7	Textile mill products	4 329.9	(S)	(Z)	(Z)	867.4	528.5	416.3	930.1
8	Building materials	18 599.5	282.0	72.0	330.2	12 723.4	420.9	431.6	539.4
9	Household goods	2 873.8	55.1	(Z)	(Z)	(S)	(Z)	(S)	53.5
10	Furniture or hardware	3 353.2	(S)	(S)	(Z)	193.0	527.1	302.5	1 340.5
11	Paper products	4 900.9	(S)	62.1	(Z)	(S)	1 121.5	764.6	649.0
12	Chemicals	6 676.1	972.3	.1	72.5	1 990.0	476.2	665.0	382.6
13	Petroleum	5 078.0	246.6	46.7	165.1	737.0	308.7	1 295.1	830.6
14	Plastics and/or rubber	2 313.0	(S)	(Z)	(S)	206.5	505.3	515.9	(S)
15	Primary metal products	4 348.1	(S)	(S)	31.3	1 246.4	489.6	305.9	72.4
16	Fabricated metal products	5 543.0	48.5	(S)	10.6	1 959.7	1 248.7	615.8	429.8
17	Machinery	6 298.3	328.6	22.0	185.3	2 108.4	412.0	356.4	758.7
18	Transportation equipment	6 994.6	150.8	3.8	(S)	317.2	425.4	1 269.1	2 031.2
19	Glass products	1 040.0	(Z)	(Z)	(S)	395.6	217.6	153.7	140.6
20	Miscellaneous products of manufacturing	6 183.2	(S)	(Z)	(S)	337.9	944.1	1 045.5	2 036.0
21	Industrial water	337.2	25.1	.9	81.8	80.2	18.2	(S)	(S)
22	Scrap, refuse, or garbage	3 104.9	137.4	7.6	(S)	585.7	227.5	106.1	87.9
23	Hazardous waste	351.3	(Z)	(Z)	24.2	31.8	20.6	(S)	(S)
24	Mixed cargoes	21 077.0	659.9	(S)	12.4	514.1	439.1	1 235.6	1 343.7
25	Craftsman's equipment	34 490.2	2 033.8	571.5	580.6	20 824.7	559.5	491.6	1 485.1
26	Personal transportation	286 920.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
27	No load carried	48 298.2	10 311.3	981.8	1 143.3	14 685.6	1 343.5	3 030.0	4 952.9
28	Not in use	111.6	(S)	(Z)	(S)	(S)	(Z)	(Z)	(Z)
29	Other	4 790.5	(S)	(S)	(S)	106.7	(S)	(S)	144.0
30	Not reported	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	HAZARDOUS MATERIALS CARRIED								
31	Hazardous materials carried	14 523.1	354.4	35.0	246.3	660.6	1 055.1	1 432.4	800.7
32	Less than 10 percent of time	7 220.4	95.4	(S)	23.0	96.9	391.6	274.0	54.7
33	10 to 25 percent of time	1 244.2	36.7	(Z)	10.1	(S)	60.3	(S)	16.2
34	26 to 49 percent of the time	652.2	13.1	(S)	27.7	(S)	79.6	54.9	24.7
35	50 to 74 percent of the time	974.3	39.5	(S)	27.6	29.6	152.8	265.3	98.2
36	75 to 100 percent of the time	2 771.5	99.0	(S)	118.7	110.5	291.0	596.6	488.4
37	No percent reported	1 660.4	70.6	(S)	(S)	375.6	79.8	63.9	118.5
	Types of hazardous materials[2]:								
38	Flammable liquids	9 287.0	180.3	(S)	108.3	178.4	712.8	1 049.4	398.5
39	Combustible liquids	5 812.3	41.7	(S)	49.4	50.9	337.8	530.7	133.1
40	Corrosive liquids	4 591.6	21.6	(S)	25.6	(S)	220.8	177.1	(S)
41	Poison B solids	2 437.9	17.3	(Z)	(S)	(S)	40.3	48.9	(S)
42	Poison B liquids	2 346.3	(S)	(Z)	(S)	(S)	32.4	43.6	(Z)
43	Flammable solids	2 324.3	(S)	(Z)	(S)	(S)	(S)	43.6	(S)
44	Oxidizers	2 316.6	(S)	(Z)	(S)	(S)	(S)	46.8	(Z)
45	Flammable gas	2 173.3	(S)	(Z)	(S)	(S)	(S)	38.3	(S)
46	Nonflammable gas	2 168.5	(S)	(Z)	(S)	(S)	(S)	39.1	(S)
47	Poison A	1 844.0	(S)	(Z)	(S)	(S)	(S)	(S)	(Z)
48	Corrosive solids	1 906.5	(S)	(Z)	(S)	(S)	(S)	(S)	(Z)
49	Explosives, A or B	321.3	(S)	(Z)	(S)	(Z)	(S)	(S)	(S)
50	Blasting agents	60.1	(S)	(Z)	(S)	(S)	(S)	(S)	(S)
51	Radioactive materials	69.9	(S)	(Z)	(S)	(S)	(S)	(Z)	(Z)
52	ORM-A, B, or C	128.4	(S)	(Z)	(S)	(S)	(S)	(Z)	(Z)
53	ORM E	148.9	(S)	(Z)	(S)	(S)	(S)	(Z)	(Z)
54	Hazardous materials not listed	16.1	(S)	(Z)	(S)	(Z)	(S)	(Z)	(Z)
55	Not reported	5 128.0	168.3	(S)	126.7	467.0	334.5	380.6	400.0
56	No hazardous materials carried	501 460.0	31 428.2	4 687.4	3 011.9	60 224.8	10 863.0	18 201.2	20 621.5
57	Not reported	13 332.2	2 239.4	282.0	95.4	2 803.7	550.7	999.8	1 251.2
	TRUCK FLEET SIZE[3]								
58	1	308 699.4	12 920.0	1 293.2	814.0	24 850.8	3 042.9	5 506.1	9 766.6
59	2 to 5	122 944.4	13 576.7	1 369.2	759.2	19 539.7	2 581.7	5 321.1	7 310.2
60	6 to 19	40 121.6	5 308.7	1 261.5	800.7	11 410.3	2 413.2	4 710.4	2 994.9
61	20 or more	57 549.8	2 216.5	1 080.4	979.6	7 888.3	4 431.0	5 095.7	2 601.6
	MILES PER GALLON								
62	Less than 5	20 509.9	1 567.0	845.0	494.3	1 994.1	1 162.8	1 419.6	554.7
63	5 to 6.9	52 726.2	3 861.0	1 401.1	789.8	4 956.8	4 367.4	4 939.5	2 821.3
64	7 to 8.9	25 367.8	3 187.4	331.1	345.3	5 243.2	993.6	2 543.7	1 899.7
65	9 to 11.9	78 482.0	7 526.2	705.8	575.0	13 532.9	1 869.3	3 187.4	4 300.2
66	12 to 14.9	105 379.3	6 631.0	825.2	352.9	14 734.4	1 936.3	2 971.1	4 434.2
67	15 to 19.9	126 944.8	7 177.3	643.6	469.8	13 255.8	1 369.8	3 327.8	4 889.3
68	20 or more	119 873.6	4 058.1	252.5	326.5	9 969.8	769.6	2 244.3	3 773.9
69	Not reported	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)

See footnotes at end of table.

Major use—Con.									Relative standard error of estimate (percent) for total	
For-hire transportation	Utilities	Services	Daily rental	One way rental	Personal transportation	Other	Not in use	Not reported		
3 074.6	(Z)	530.1	(S)	(S)	(Z)	(Z)	(S)	(Z)	4.7	1
875.3	(Z)	117.5	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	7.2	2
716.4	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	6.9	3
694.2	18.2	39.2	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	4.5	4
1 018.2	12.6	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	7.9	5
4 459.4	(S)	244.1	99.2	(S)	(Z)	(S)	(Z)	(Z)	2.7	6
735.9	(Z)	794.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	10.3	7
3 373.7	78.7	232.7	103.3	(S)	(Z)	(Z)	(S)	(Z)	3.3	8
1 555.0	(S)	220.4	479.5	455.2	(Z)	(Z)	(Z)	(Z)	4.6	9
653.1	(S)	236.7	71.0	(S)	(Z)	(Z)	(Z)	(Z)	6.6	10
1 471.3	(Z)	582.6	17.3	(S)	(Z)	(S)	(Z)	(Z)	8.2	11
1 140.1	(S)	940.4	24.0	(Z)	(Z)	(Z)	(Z)	(Z)	6.9	12
1 310.5	62.9	63.1	(S)	(S)	(Z)	(S)	(Z)	(Z)	4.2	13
663.5	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	12.1	14
2 057.3	(S)	49.5	15.6	(Z)	(Z)	(Z)	(Z)	(Z)	7.3	15
900.1	44.0	269.5	13.1	(Z)	(Z)	(Z)	(Z)	(Z)	8.0	16
822.9	409.1	878.7	16.1	(Z)	(Z)	(Z)	(Z)	(Z)	5.9	17
1 417.8	45.4	1 304.1	(S)	(S)	(Z)	(S)	(Z)	(Z)	6.5	18
123.7	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	14.5	19
721.1	(S)	990.0	35.8	(S)	(Z)	(Z)	(Z)	(Z)	10.9	20
86.3	(S)	33.2	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	10.2	21
178.7	79.2	1 686.1	3.7	(Z)	(Z)	(S)	(S)	(Z)	5.8	22
182.2	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	20.1	23
13 208.6	(S)	1 647.8	1 867.6	27.1	(Z)	(Z)	(Z)	(Z)	2.9	24
237.6	3 453.7	4 212.7	(S)	(Z)	(Z)	(S)	(Z)	(Z)	4.0	25
(Z)	(Z)	(Z)	(Z)	(Z)	286 920.5	(Z)	(Z)	(Z)	.9	26
431.6	1 274.5	9 643.8	411.8	(S)	(S)	(S)	(S)	(Z)	3.2	27
(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	50.1	(Z)	32.6	28
1 130.3	(S)	2 167.4	(S)	(Z)	(S)	(Z)	(Z)	(Z)	12.9	29
(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	30
9 594.7	108.5	150.0	77.3	(S)	(Z)	(S)	(S)	(Z)	2.6	31
6 144.6	(S)	55.2	39.4	(Z)	(Z)	(Z)	(Z)	(Z)	3.5	32
919.2	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	13.1	33
403.5	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	9.4	34
335.2	12.9	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	7.6	35
944.6	53.6	44.4	(S)	(S)	(Z)	(S)	(S)	(Z)	4.7	36
847.6	(S)	33.5	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	10.7	37
6 473.5	34.6	73.6	41.0	(S)	(Z)	(S)	(S)	(Z)	3.1	38
4 623.6	(S)	37.1	(S)	(Z)	(Z)	(S)	(Z)	(Z)	3.7	39
4 053.8	(Z)	31.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	4.3	40
2 304.8	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.2	41
2 239.8	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.4	42
2 230.0	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.4	43
2 215.7	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.4	44
2 105.8	.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.7	45
2 099.6	.5	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.7	46
1 799.5	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	7.4	47
1 861.1	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	7.3	48
293.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	15.8	49
39.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	25.7	50
61.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	25.9	51
119.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	26.9	52
125.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	25.5	53
(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	43.7	54
3 057.8	73.9	76.3	36.3	(Z)	(Z)	(Z)	(Z)	(Z)	4.9	55
31 468.4	5 450.2	25 277.6	3 020.8	166.0	286 955.7	(S)	48.5	(Z)	.6	56
2 176.7	270.7	1 779.7	509.1	371.6	(Z)	(S)	2.0	(Z)	4.3	57
8 822.7	1 049.9	13 414.0	897.7	110.4	226 149.5	(S)	31.6	(Z)	.9	58
5 009.6	754.9	7 578.4	346.7	(S)	58 774.6	(S)	12.2	(Z)	1.7	59
5 963.7	885.2	2 816.1	307.5	(S)	1 240.2	(S)	(S)	(Z)	2.9	60
23 443.9	3 139.4	3 398.8	2 055.4	424.4	791.4	1.9	(S)	(Z)	1.9	61
11 309.8	308.5	702.3	125.6	(S)	14.9	(S)	(S)	(Z)	1.6	62
25 960.1	448.2	1 542.6	1 338.7	84.5	204.7	(S)	9.9	(Z)	1.0	63
2 057.7	495.2	1 523.6	494.9	31.4	6 213.3	(S)	(S)	(Z)	3.6	64
2 164.9	1 141.0	4 639.3	735.6	258.4	37 839.1	(S)	5.8	(Z)	2.0	65
779.2	1 248.8	5 587.3	217.2	85.5	65 565.2	(Z)	(S)	(Z)	1.8	66
657.4	1 640.9	6 844.8	398.1	45.0	86 218.1	(Z)	(S)	(Z)	1.8	67
310.0	546.9	6 367.2	297.1	(S)	90 885.7	(S)	(S)	(Z)	1.9	68
(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(S)	69

Table 10. **Truck Miles by Major Use: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Major use						
			Agriculture	Forestry and lumbering	Mining and quarrying	Construction	Manufacturing	Wholesale trade	Retail trade
	EQUIPMENT TYPE[4]								
1	Braking system	102 319.4	7 567.2	2 746.6	1 626.2	12 910.3	7 383.5	11 143.5	6 726.4
2	Hydraulic	12 039.2	1 554.8	211.0	190.7	2 638.6	706.0	1 859.2	1 390.2
3	Hydraulic (power)	15 492.9	1 688.1	261.8	187.2	3 064.9	859.1	2 508.4	2 167.9
4	Air	68 118.9	3 964.2	2 186.4	1 159.1	6 315.1	5 528.7	6 057.3	2 635.3
5	Not reported	6 668.4	360.1	87.4	89.1	891.8	289.7	718.5	533.0
6	Power steering[2]	259 245.5	15 022.7	1 258.8	1 354.7	29 824.1	4 097.2	7 037.7	11 006.5
7	Air conditioning[2]	178 771.8	9 958.1	524.6	943.9	18 093.7	3 088.8	5 112.1	7 666.0
8	Engine retarder[2]	717.2	27.1	16.9	11.7	20.0	101.7	38.8	12.4
9	Reflective materials[2]	5 965.2	141.3	48.8	22.2	95.0	483.5	433.9	140.3
10	Electronic vehicle management system[2]	326.5	(S)	(S)	(S)	(S)	50.8	16.5	(S)
11	Electronic vehicle identification device (transponder, etc.)[2]	97.2	(Z)	(S)	(S)	(S)	(S)	(S)	(S)
12	Trip recorders[2]	190.5	(S)	(S)	(S)	(S)	(S)	14.6	(S)
13	Navigational systems[2]	27.6	(Z)	(Z)	(S)	(S)	(S)	(S)	(Z)
	FUEL CONSERVATION EQUIPMENT[2 4]								
14	Aerodynamic features	21 336.0	617.5	194.7	45.2	362.4	1 965.4	1 700.3	873.2
15	Axle or drive ratio	15 505.0	413.2	140.9	35.9	193.4	1 438.1	1 107.9	559.3
16	Fuel economy engine	14 071.7	369.9	135.1	43.0	170.0	1 290.6	1 006.8	444.5
17	Radial tires	322 416.6	16 613.6	1 433.8	1 564.7	36 098.9	4 519.1	8 326.0	12 596.2
18	Road speed governor	3 209.8	107.5	41.0	30.1	86.4	348.0	262.0	83.5
19	Variable fan drives	3 190.3	103.1	39.9	26.7	65.5	317.8	241.0	85.8
20	Other fuel conservation devices	1 806.4	42.4	14.2	(S)	25.9	206.0	152.8	24.4
	MAINTENANCE[2]								
	General maintenance:								
21	Owner	281 195.2	19 222.2	2 351.8	1 333.6	28 785.3	2 456.6	4 478.0	6 994.8
22	Company's maintenance facilities	79 912.9	5 333.2	1 912.8	1 589.3	14 398.9	5 171.2	7 466.4	5 608.9
23	Dealership's service department	84 748.2	5 394.1	468.9	379.8	8 874.8	2 018.2	3 084.4	5 002.0
24	Leasing company	5 092.9	268.0	31.6	28.5	401.3	705.6	681.9	327.8
25	Independent garage	146 529.2	9 228.1	999.4	651.2	20 611.5	3 718.7	7 575.9	7 933.8
26	Component distributorship	6 614.9	313.0	107.4	71.2	899.9	198.5	443.7	165.9
27	No one	3 744.5	229.8	(S)	(S)	351.0	(S)	18.3	32.5
28	Other	2 117.4	66.8	6.4	(S)	(S)	22.0	32.7	12.6
29	Not reported	18 013.9	964.0	101.1	56.0	1 623.3	229.4	485.4	769.3
	Major overhauls:								
30	Owner	67 696.4	4 331.1	863.3	336.0	6 478.5	765.9	1 084.3	1 730.0
31	Company's maintenance facilities	47 910.0	2 371.7	1 078.2	808.4	7 881.4	2 693.2	3 976.8	2 945.9
32	Dealership's service department	74 169.2	5 284.1	669.1	553.4	8 659.3	2 784.7	3 833.0	4 141.8
33	Leasing company	3 953.7	327.3	23.3	34.0	260.8	486.7	584.5	203.7
34	Independent garage	102 513.3	7 877.4	1 073.8	463.9	16 462.8	2 745.1	4 835.3	4 805.1
35	Component distributorship	16 041.6	1 005.8	237.0	130.5	2 017.1	630.7	820.6	490.9
36	No one	28 534.6	2 023.0	75.3	308.9	2 729.5	174.4	610.6	835.3
37	Other	2 696.1	104.1	(S)	(S)	94.3	30.8	(S)	10.0
38	Not reported	211 650.2	12 804.6	1 305.0	975.3	22 837.6	2 918.8	6 012.9	8 391.8
	ENGINE TYPE AND SIZE								
39	Engine	529 315.3	34 022.0	5 004.3	3 353.5	63 689.2	12 468.8	20 633.3	22 673.4
40	Gasoline	437 802.7	26 371.2	2 548.1	1 963.6	54 514.6	6 070.3	11 971.2	18 538.2
41	Diesel	90 859.0	7 586.7	2 456.2	1 387.1	9 151.8	6 393.4	8 567.5	3 992.7
42	LPG or other	548.2	50.9	(Z)	(S)	(S)	(S)	(S)	136.7
43	Not reported	105.4	13.2	(Z)	(S)	(S)	(S)	(S)	(S)
44	Cylinders[5]	529 315.3	34 022.0	5 004.3	3 353.5	63 689.2	12 468.8	20 633.3	22 673.4
45	4	97 768.5	2 466.1	288.2	(S)	8 864.6	651.8	1 996.0	3 420.8
46	6	159 267.5	6 473.3	2 026.8	1 162.7	17 213.7	5 637.9	6 997.9	6 323.1
47	8	234 029.6	21 996.8	1 708.2	1 558.6	33 024.3	4 394.8	9 100.8	11 315.9
48	Other	178.9	(S)	(S)	(Z)	(S)	(S)	23.4	(S)
49	Not reported	38 070.9	3 078.5	978.7	514.3	4 569.4	1 778.1	2 515.3	1 585.1
50	Cubic inch displacement	529 209.9	34 008.7	5 004.3	3 352.9	63 683.5	12 466.6	20 632.0	22 667.6
51	Gasoline engines	437 802.7	26 371.2	2 548.1	1 963.6	54 514.6	6 070.3	11 971.2	18 538.2
52	Less than 200	135 134.4	3 409.4	424.7	294.4	12 419.6	976.1	2 380.5	4 972.0
53	200 to 299	45 539.2	1 837.3	174.7	(S)	5 119.6	588.4	1 103.7	1 733.3
54	300 to 349	113 137.0	6 363.7	894.9	669.8	16 604.2	1 938.3	3 244.4	4 879.7
55	350 to 399	110 157.4	10 041.2	836.3	680.8	15 755.3	2 026.3	4 349.1	5 214.6
56	400 or more	24 088.4	3 843.3	118.8	174.1	3 538.8	327.4	689.0	1 160.8
57	Not reported[6]	9 746.3	876.3	98.7	42.7	1 077.0	213.7	204.4	577.8
58	Diesel engines	90 859.0	7 586.7	2 456.2	1 387.1	9 151.8	6 393.4	8 567.5	3 992.7
59	Less than 400	14 609.8	2 013.9	220.5	122.2	2 103.5	644.6	1 507.7	704.0
60	400 to 599	16 143.7	2 383.9	338.6	245.8	2 042.0	899.9	2 108.3	1 216.0
61	600 to 799	13 204.2	666.2	506.7	383.6	2 183.3	1 059.0	1 156.8	553.5
62	800 or more	36 730.9	1 780.5	1 099.1	468.7	1 791.0	3 139.5	2 842.0	1 085.8
63	Not reported[6]	10 170.4	742.2	291.2	166.7	1 031.9	650.5	952.7	433.5
64	Other engines	548.2	50.9	(Z)	(S)	(S)	(S)	(S)	136.7
65	Less than 400	463.9	(S)	(Z)	(S)	(S)	(Z)	(S)	111.1
66	400 or more	57.1	(S)	(Z)	(S)	(S)	(S)	(S)	19.1
67	Not reported[6]	27.3	(S)	(Z)	(Z)	.4	(S)	(S)	(S)
68	Horsepower	529 209.9	34 008.7	5 004.3	3 352.9	63 683.5	12 466.6	20 632.0	22 667.6
69	Gasoline engines	437 802.7	26 371.2	2 548.1	1 963.6	54 514.6	6 070.3	11 971.2	18 538.2
70	Less than 100	58 109.7	1 229.1	(S)	(S)	5 584.3	226.7	1 218.8	1 718.6
71	100 to 199	324 699.6	19 992.4	1 936.0	1 558.7	41 454.8	4 863.3	8 465.3	13 977.4
72	200 to 249	27 055.7	3 394.0	239.1	252.4	4 231.4	435.8	1 502.5	1 539.2
73	250 or more	3 375.2	354.4	48.3	(S)	557.2	94.2	250.1	216.7
74	Not reported[6]	24 562.3	1 401.4	122.3	50.2	2 686.8	450.3	534.6	1 086.4

See footnotes at end of table.

Major use—Con.									Relative standard error of estimate (percent) for total	
For-hire transportation	Utilities	Services	Daily rental	One way rental	Personal transportation	Other	Not in use	Not reported		
41 281.7	1 666.2	4 566.5	2 512.0	512.5	1 650.7	(S)	20.6	(Z)	.6	1
1 072.6	386.3	1 030.9	380.7	313.5	297.7	(S)	6.1	(Z)	2.0	2
1 917.5	728.3	1 286.4	347.4	140.1	330.1	(S)	(S)	(Z)	1.7	3
36 372.8	402.2	1 812.8	1 592.0	47.4	34.8	(S)	(S)	(Z)	.7	4
1 918.8	149.5	436.4	191.9	(S)	988.1	(Z)	(S)	(Z)	5.6	5
2 766.7	2 523.5	14 666.8	857.3	(Z)	168 824.0	(S)	(S)	(Z)	1.1	6
2 217.1	1 084.9	11 032.6	825.1	(S)	118 219.8	(Z)	(S)	(Z)	1.5	7
478.2	(S)	(S)	5.5	(S)	(S)	(Z)	(Z)	(Z)	8.7	8
3 797.0	(S)	100.2	368.1	322.5	7.8	(Z)	(S)	(Z)	3.4	9
239.1	(S)	(Z)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	14.4	10
69.8	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	19.9	11
147.5	(Z)	(S)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	21.0	12
(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	39.6	13
13 811.9	19.2	315.9	929.6	444.0	55.4	(Z)	(S)	(Z)	1.8	14
10 266.0	6.3	206.5	765.3	333.7	38.1	(Z)	(S)	(Z)	2.1	15
9 367.4	(S)	163.3	728.7	334.3	14.8	(Z)	(S)	(Z)	2.2	16
5 637.3	3 153.5	17 172.4	1 045.3	(S)	214 175.2	(S)	(S)	(Z)	.9	17
2 094.6	4.3	81.3	68.6	(S)	(S)	(Z)	(S)	(Z)	4.3	18
2 163.5	(S)	73.5	68.5	(Z)	(S)	(Z)	(S)	(Z)	4.4	19
1 262.7	(S)	(S)	47.7	(Z)	(S)	(Z)	(Z)	(Z)	5.7	20
12 613.7	875.0	9 098.0	836.4	(S)	192 115.6	(S)	19.8	(Z)	1.0	21
24 885.2	2 778.7	4 894.9	2 514.5	538.4	2 811.9	(S)	4.1	(Z)	1.7	22
3 406.4	923.1	5 338.5	439.7	20.2	49 362.7	(S)	(S)	(Z)	2.3	23
1 273.6	(S)	545.2	199.8	(Z)	536.1	(S)	(Z)	(Z)	7.4	24
7 517.9	2 047.6	10 346.4	158.6	(S)	75 703.5	(S)	6.1	(Z)	1.6	25
1 210.9	57.5	688.1	22.3	(S)	2 435.6	(Z)	(Z)	(Z)	8.4	26
38.3	(S)	277.2	(S)	(Z)	2 625.0	(Z)	(S)	(Z)	9.0	27
525.7	(S)	(S)	(S)	(Z)	1 137.4	(Z)	(Z)	(Z)	13.0	28
1 641.9	68.8	786.7	128.0	(S)	11 139.7	(Z)	(S)	(Z)	3.8	29
4 790.0	182.7	2 059.2	427.7	(S)	44 631.5	(S)	(S)	(Z)	2.3	30
17 534.3	1 915.5	2 813.7	1 439.3	527.9	1 919.2	(S)	(S)	(Z)	2.2	31
6 946.3	1 088.9	5 234.9	674.8	20.2	34 272.7	(Z)	(S)	(Z)	2.3	32
824.9	26.5	148.0	152.1	(Z)	881.9	(Z)	(Z)	(Z)	8.4	33
7 701.9	1 203.1	6 135.5	331.8	(S)	48 865.0	(Z)	(S)	(Z)	1.9	34
4 013.1	204.9	689.5	307.5	(S)	5 490.9	(S)	(S)	(Z)	4.4	35
707.0	187.9	1 312.7	(S)	(Z)	19 505.2	(S)	(S)	(Z)	4.0	36
446.8	(S)	(S)	(S)	(Z)	1 716.0	(Z)	(Z)	(Z)	13.1	37
6 303.3	1 392.0	9 835.5	602.6	(S)	138 208.1	(S)	15.5	(Z)	1.2	38
43 239.8	5 829.4	27 207.3	3 607.3	545.4	286 955.7	(S)	50.7	(Z)	.5	39
3 842.2	5 192.2	24 091.1	1 581.7	490.3	280 553.3	(S)	43.6	(Z)	.6	40
39 379.6	581.8	3 071.3	2 025.3	55.0	6 199.1	(S)	(S)	(Z)	1.3	41
(S)	(S)	44.2	(Z)	(Z)	140.0	(Z)	(Z)	(Z)	18.3	42
(S)	(Z)	(S)	(S)	(Z)	63.2	(Z)	(Z)	(Z)	24.3	43
43 239.8	5 829.4	27 207.3	3 607.3	545.4	286 955.7	(S)	50.7	(Z)	.5	44
251.6	818.6	4 848.8	101.3	(S)	73 865.5	(S)	(S)	(Z)	2.1	45
27 844.1	2 431.8	7 931.3	1 902.3	95.5	73 219.5	(S)	3.9	(Z)	1.4	46
3 871.2	2 333.1	13 140.8	1 246.4	249.0	130 069.1	(S)	18.9	(Z)	1.1	47
18.9	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	28.6	48
11 254.1	245.9	1 286.2	356.2	169.6	9 727.4	(S)	11.8	(Z)	2.0	49
43 227.3	5 829.4	27 206.7	3 607.1	545.4	286 892.5	(S)	50.7	(Z)	.5	50
3 842.2	5 192.2	24 091.1	1 581.7	490.3	280 553.3	(S)	43.6	(Z)	.6	51
492.1	1 643.4	6 720.3	221.0	(S)	101 107.0	(S)	(S)	(Z)	1.8	52
515.6	890.2	2 655.4	134.9	(S)	30 673.1	(Z)	(S)	(Z)	2.8	53
1 139.6	1 032.2	6 056.3	556.5	149.5	69 607.1	(Z)	(S)	(Z)	1.8	54
952.9	1 235.0	6 942.1	395.9	202.0	61 516.7	(S)	8.1	(Z)	1.8	55
484.2	321.5	1 329.7	(S)	31.1	11 827.1	(Z)	(S)	(Z)	4.4	56
257.9	(S)	387.3	37.0	75.7	5 822.4	(Z)	5.3	(Z)	5.8	57
39 379.6	581.8	3 071.3	2 025.3	55.0	6 199.1	(S)	(S)	(Z)	1.3	58
2 133.3	(S)	886.4	169.9	(S)	3 996.3	(Z)	.1	(Z)	4.7	59
4 355.2	261.8	692.7	299.2	(Z)	1 295.9	(S)	(S)	(Z)	4.8	60
5 560.9	91.1	699.6	324.5	(S)	(S)	(S)	(S)	(Z)	1.9	61
22 804.4	62.0	522.2	1 095.2	29.8	9.1	(S)	(S)	(Z)	1.1	62
4 525.9	63.7	270.4	136.6	(S)	895.3	(Z)	(S)	(Z)	3.5	63
(S)	(S)	44.2	(Z)	(Z)	140.0	(Z)	(Z)	(Z)	18.3	64
(S)	(S)	35.6	(Z)	(Z)	135.0	(Z)	(Z)	(Z)	21.3	65
(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	25.6	66
(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	32.9	67
43 227.3	5 829.4	27 206.7	3 607.1	545.4	286 892.5	(S)	50.7	(Z)	.5	68
3 842.2	5 192.2	24 091.1	1 581.7	490.3	280 553.3	(S)	43.6	(Z)	.6	69
(S)	834.8	2 587.8	62.4	(Z)	44 296.6	(S)	(S)	(Z)	2.8	70
2 677.3	3 767.5	18 615.8	1 009.5	282.7	206 070.6	(S)	27.2	(Z)	.9	71
501.5	387.3	1 715.5	314.1	126.1	12 411.0	(Z)	(S)	(Z)	4.3	72
105.7	55.2	206.1	(S)	(Z)	1 392.4	(Z)	.1	(Z)	6.4	73
458.8	147.4	965.8	(S)	81.5	16 382.7	(Z)	9.7	(Z)	4.0	74

Table 10. Truck Miles by Major Use: 1987—Con.

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

	Vehicular and operational characteristics	Total	Major use						
			Agriculture	Forestry and lumbering	Mining and quarrying	Construction	Manufacturing	Wholesale trade	Retail trade
	ENGINE TYPE AND SIZE—Con.								
	Horsepower—Con.								
1	Diesel engines	90 859.0	7 586.7	2 456.2	1 387.1	9 151.8	6 393.4	8 567.5	3 992.7
2	Less than 250	27 209.6	3 625.6	460.0	401.0	4 607.2	1 267.9	3 425.5	1 800.3
3	250 to 349	27 416.5	1 202.6	825.6	465.4	2 194.2	2 303.1	2 403.1	1 015.7
4	350 to 449	25 290.2	1 564.0	937.2	412.6	1 236.7	2 069.1	1 575.3	570.1
5	450 or more	718.6	57.1	(S)	8.2	46.5	36.0	46.6	19.0
6	Not reported[6]	10 224.1	1 137.4	192.8	99.8	1 067.1	717.4	1 116.9	587.5
7	Other engines	548.2	50.9	(Z)	(S)	(S)	(S)	(S)	136.7
8	Less than 250	465.5	44.8	(Z)	(Z)	(S)	(Z)	(S)	89.7
9	250 or more	(S)	(S)	(Z)	(S)	(Z)	(S)	(S)	(S)
10	Not reported[6]	36.5	(S)	(Z)	(S)	(S)	(S)	(S)	(S)
	TRUCK TYPE AND AXLE ARRANGEMENT								
11	Single-unit trucks	462 035.2	29 343.2	2 848.7	2 471.1	59 341.7	7 120.8	15 623.2	20 412.4
12	2 axles	454 822.5	28 589.0	2 664.9	2 101.7	56 583.9	6 762.0	15 156.3	20 176.9
13	3 axles	5 946.0	680.8	144.9	290.1	2 244.3	314.6	450.6	196.9
14	4 axles or more	1 266.7	73.4	38.9	79.2	513.5	44.2	(S)	38.6
15	Combinations	67 280.1	4 678.8	2 155.6	882.4	4 347.4	5 348.1	5 010.1	2 261.0
16	Single-unit truck with trailer	1 476.1	112.9	138.8	63.2	291.8	113.0	124.8	100.7
17	4 axles	519.6	45.2	29.3	(S)	93.9	42.1	54.9	34.7
18	5 axles or more	956.5	67.8	109.5	59.8	197.9	70.9	69.9	(S)
19	Single-unit truck with utility trailer	6 053.6	1 394.0	160.9	113.2	1 265.4	132.7	64.8	221.2
20	3 axles	2 227.0	521.8	29.3	(S)	276.9	(S)	29.7	(S)
21	4 axles	2 992.9	796.7	25.0	95.4	696.8	23.3	14.2	131.7
22	5 axles or more	833.6	75.6	106.7	13.7	291.7	32.9	20.9	11.9
23	Truck-tractor with single trailer	57 056.1	3 050.6	1 839.6	678.7	2 723.2	5 028.8	4 776.3	1 912.8
24	3 axles	2 455.8	77.2	38.4	(S)	65.2	274.1	484.0	147.5
25	4 axles	10 008.7	595.0	361.2	109.8	431.1	1 192.4	971.9	346.3
26	5 axles or more	44 591.6	2 378.4	1 440.0	555.3	2 226.8	3 562.4	3 320.4	1 419.1
27	Truck-tractor with double trailers	2 653.7	118.6	(S)	(S)	66.5	73.5	43.2	26.2
28	5 axles	2 181.8	76.9	(S)	(S)	39.8	29.1	31.9	24.9
29	6 axles	304.2	18.5	(S)	(S)	(S)	37.5	(S)	(Z)
30	7 axles or more	167.6	23.1	(S)	(S)	25.8	(S)	5.2	(S)
31	Truck-tractor with triple trailers	38.5	(S)	(S)	(S)	(S)	(Z)	(S)	(Z)
32	7 axles	34.7	(Z)	(Z)	(Z)	(S)	(Z)	(S)	(Z)
33	8 axles or more	3.9	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)
34	Trailer not specified	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
35	Powered axles	529 315.3	34 022.0	5 004.3	3 353.5	63 689.2	12 468.8	20 633.3	22 673.4
36	1	379 426.0	23 147.1	2 182.9	1 634.3	50 708.5	7 248.1	15 572.9	18 468.9
37	2	148 979.8	10 804.7	2 792.6	1 677.6	12 785.6	5 162.3	4 995.2	4 170.8
38	3 or more	909.4	70.1	28.8	41.6	195.1	58.4	65.2	33.7
39	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	CAB TYPE[7]								
40	Cab forward of engine	1 243.0	135.9	42.4	(S)	213.7	113.5	137.8	101.7
41	Cab over engine	32 020.3	1 943.4	432.6	118.2	1 308.6	3 019.2	3 331.8	1 659.4
42	Conventional cab	61 442.0	5 010.2	2 188.3	1 368.2	10 481.1	3 880.0	6 723.9	4 287.3
43	Cab beside engine	494.7	50.1	(S)	.8	89.4	55.9	118.3	70.4
44	Other	1 382.6	105.0	13.9	22.7	171.8	118.8	202.7	244.4
45	Not reported	5 736.7	322.6	65.0	90.1	645.8	196.2	628.9	363.1
	PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS								
46	Total	426 995.9	26 454.7	2 257.7	1 727.4	50 778.8	5 085.3	9 489.8	15 947.0
47	Pickups	284 929.0	24 075.2	2 069.0	1 508.1	36 157.7	2 519.4	4 084.3	8 571.6
48	Mini-vans	23 027.2	(S)	(Z)	(Z)	1 141.1	382.1	740.0	1 528.3
49	Panels or vans	61 035.5	800.6	(S)	83.2	10 044.5	1 354.3	3 720.3	3 998.6
50	Utilities	43 199.9	1 139.2	52.5	98.5	2 770.4	794.1	692.7	1 263.3
51	Station wagons	14 804.4	425.5	(S)	(S)	665.1	(S)	252.5	585.2
52	Driving wheels	426 995.9	26 454.7	2 257.7	1 727.4	50 778.8	5 085.3	9 489.8	15 947.0
53	4-wheel drive	96 241.2	7 573.4	824.1	665.6	7 556.2	1 103.5	1 134.3	2 613.4
54	2-wheel drive	330 754.7	18 881.3	1 433.6	1 061.8	43 222.6	3 981.8	8 355.5	13 333.6
55	Front-wheel drive	16 633.2	995.0	(S)	(S)	857.7	292.3	529.7	839.9
56	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Note: Some data cells may have high relative standard errors of estimate (RSE's). See appendix B for approximating the RSE's for the data cells. Some unpublished estimates can be derived from this table by subtracting published data from their respective totals. However, the figures obtained by such subtraction are subject to high sampling variability or poor response quality. These unpublished data are for internal use only. The U.S. data may vary from the sum of the State reports because of rounding.

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.
[2]Detail does not add to total because items were not applicable or multiple responses were possible.
[3]When no response was obtained, a fleet size of one truck was assumed.
[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.
[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.
[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.
[7]Pickups, panels, vans, and mini-vans are not included.

Major use—Con.									Relative standard error of estimate (percent) for total	
For-hire transportation	Utilities	Services	Daily rental	One way rental	Personal transportation	Other	Not in use	Not reported		
39 379.6	581.8	3 071.3	2 025.3	55.0	6 199.1	(S)	(S)	(Z)	1.3	1
4 331.2	402.5	1 709.4	598.4	(S)	4 575.8	(S)	(S)	(Z)	3.4	2
15 788.0	90.5	550.7	531.4	31.6	9.5	(S)	(S)	(Z)	1.4	3
15 762.1	39.1	369.8	727.7	12.2	9.5	(Z)	(S)	(Z)	1.4	4
422.1	(Z)	21.3	21.3	(Z)	(Z)	(Z)	(Z)	(Z)	8.7	5
3 076.2	49.7	420.2	146.4	(S)	1 604.3	(S)	(S)	(Z)	5.2	6
(S)	(S)	44.2	(Z)	(Z)	140.0	(Z)	(Z)	(Z)	18.3	7
(S)	(S)	35.6	(Z)	(Z)	135.0	(Z)	(Z)	(Z)	20.0	8
(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	9
(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	28.6	10
5 768.3	5 485.5	25 757.6	2 067.7	507.2	285 211.5	(S)	44.7	(Z)	.6	11
4 668.9	5 351.3	24 977.0	2 011.6	497.9	285 205.4	(S)	44.2	(Z)	.6	12
703.8	129.3	735.9	41.9	(S)	2.8	(S)	.5	(Z)	2.4	13
395.6	(S)	44.7	(S)	(Z)	(S)	(Z)	(Z)	(Z)	5.3	14
37 471.6	343.9	1 449.7	1 539.6	38.2	1 744.2	(S)	(S)	(Z)	1.0	15
407.8	45.0	38.5	(S)	(Z)	(S)	(Z)	(S)	(Z)	7.3	16
132.8	39.8	34.4	(S)	(Z)	(S)	(Z)	(Z)	(Z)	13.2	17
275.1	5.3	4.1	(S)	(Z)	(S)	(Z)	(S)	(Z)	8.6	18
268.2	196.7	514.9	7.0	(S)	1 714.2	(Z)	(Z)	(Z)	7.1	19
11.4	104.9	297.5	(Z)	(Z)	797.3	(Z)	(Z)	(Z)	12.9	20
48.2	68.4	183.7	(S)	(S)	903.1	(Z)	(Z)	(Z)	10.4	21
208.6	23.3	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	7.4	22
34 491.0	100.4	896.3	1 493.1	37.9	18.1	(S)	(S)	(Z)	.8	23
1 211.3	(S)	(S)	21.4	(Z)	(S)	(Z)	(Z)	(Z)	5.3	24
5 397.4	28.9	210.5	342.8	14.4	(S)	(S)	(S)	(Z)	2.3	25
27 882.2	67.3	569.0	1 128.9	23.4	10.6	(S)	(S)	(Z)	1.0	26
2 270.3	(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	6.1	27
1 930.7	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	7.0	28
238.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	17.4	29
101.5	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	11.4	30
34.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	24.8	31
33.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	27.1	32
(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	47.6	33
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	34
43 239.8	5 829.4	27 207.3	3 607.3	545.4	286 955.7	(S)	50.7	(Z)	.5	35
13 724.1	4 748.6	21 638.8	2 414.3	484.3	217 380.1	(S)	41.4	(Z)	.8	36
29 186.4	1 072.2	5 531.6	1 176.4	40.0	69 574.7	(S)	(S)	(Z)	1.3	37
329.3	8.6	36.9	16.6	(S)	(S)	(S)	(Z)	(Z)	6.9	38
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	39
314.4	11.1	88.3	35.9	(S)	9.6	(S)	(Z)	(Z)	6.3	40
18 050.8	141.3	1 010.1	871.1	17.3	110.6	(S)	(S)	(Z)	1.3	41
20 965.1	1 356.3	2 865.5	1 395.1	447.5	458.8	2.0	12.9	(Z)	.8	42
54.4	1.8	42.5	(S)	(Z)	2.8	(Z)	(Z)	(Z)	10.8	43
206.2	37.8	174.2	6.9	(S)	74.6	(Z)	(Z)	(Z)	6.6	44
1 690.8	118.0	386.0	199.0	34.8	994.3	(Z)	(S)	(Z)	6.4	45
1 958.2	4 163.2	22 640.8	1 095.3	(S)	285 305.0	(S)	30.1	(Z)	.7	46
863.3	2 397.3	10 872.0	63.1	(S)	191 662.3	(S)	28.0	(Z)	.8	47
(S)	294.2	1 566.9	(S)	(Z)	17 113.4	(Z)	(Z)	(Z)	4.2	48
968.1	1 035.6	6 472.0	666.5	(S)	31 771.0	(Z)	(S)	(Z)	2.5	49
86.0	431.8	2 145.3	66.1	(Z)	33 659.7	(Z)	(S)	(Z)	3.3	50
(S)	(S)	1 584.7	(S)	(Z)	11 098.6	(Z)	(Z)	(Z)	5.4	51
1 958.2	4 163.2	22 640.8	1 095.3	(S)	285 305.0	(S)	30.1	(Z)	.7	52
312.4	814.8	4 229.6	83.5	(Z)	69 327.0	(Z)	(S)	(Z)	2.0	53
1 645.8	3 348.4	18 411.2	1 011.8	(S)	215 977.9	(S)	26.8	(Z)	.9	54
(S)	(Z)	1 367.1	(S)	(Z)	11 448.8	(Z)	(Z)	(Z)	5.5	55
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	56

Table 11. **Truck Miles by Vehicle Size: 1987**

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

Vehicular and operational characteristics	Total	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of estimate (percent) for total
Total trucks	**529 315.3**	**439 342.0**	**10 767.7**	**7 581.3**	**71 623.8**	
Relative standard error (percent)	.5	.6	3.2	2.3	.7	
MAJOR USE						
Agriculture	34 022.0	27 080.5	1 297.5	1 064.0	4 579.5	3.7
Forestry and lumbering	5 004.3	2 359.2	157.0	164.9	2 323.2	7.3
Mining and quarrying	3 353.5	1 842.1	140.0	142.3	1 229.1	8.1
Construction	63 689.2	54 020.6	1 829.8	1 195.2	6 643.6	2.7
Manufacturing	12 468.8	5 727.3	566.3	455.6	5 719.6	5.2
Wholesale trade	20 633.3	11 383.2	1 495.3	1 570.3	6 184.6	4.1
Retail trade	22 673.4	17 730.6	1 396.8	877.5	2 668.5	4.1
For-hire transportation	43 239.8	2 551.1	1 355.7	1 149.6	38 183.5	1.4
Utilities	5 829.4	4 795.8	387.2	261.0	385.4	8.2
Services	27 207.3	24 010.6	992.3	406.7	1 797.6	3.9
Daily rental	3 607.3	1 286.6	297.5	222.9	1 800.3	7.8
One way rental	545.4	258.2	180.4	39.0	67.7	9.7
Personal transportation	286 955.7	286 224.7	670.2	29.9	30.8	.9
Other	(S)	(S)	(Z)	(S)	(S)	(S)
Not in use	50.7	40.9	1.7	(S)	(S)	28.7
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
BODY TYPE						
Pickup	284 929.0	283 987.1	929.6	(S)	(S)	.8
Mini-van	23 027.2	23 026.2	(S)	(Z)	(S)	4.2
Panel or van	61 035.5	60 922.1	(S)	(S)	(S)	2.5
Utility	43 199.9	43 190.2	(S)	(Z)	(Z)	3.3
Station wagon	14 804.4	14 782.9	(S)	(Z)	(Z)	5.4
Multistop or walk-in	6 614.1	4 976.2	1 220.2	203.2	214.4	5.3
Platform with added devices	2 507.6	377.2	519.8	498.6	1 112.0	3.8
Low boy or depressed center	1 926.7	29.5	72.9	84.8	1 739.4	5.5
Basic platform	19 299.3	3 607.5	2 178.6	1 576.6	11 936.6	1.7
Livestock truck	1 226.0	66.3	88.3	95.7	975.8	7.0
Insulated nonrefrigerated van	1 341.9	44.8	65.5	77.4	1 154.1	6.8
Insulated refrigerated van	8 783.1	161.0	339.9	481.4	7 800.7	2.6
Drop-frame van	2 466.6	98.4	228.0	191.9	1 948.3	4.9
Open-top van	546.1	(S)	13.0	10.6	514.1	8.6
Basic enclosed van	29 086.1	1 211.0	2 418.9	1 890.6	23 565.7	1.5
Beverage	941.6	23.0	106.8	205.0	606.7	5.6
Public utility	1 117.0	485.3	296.7	177.4	157.7	6.3
Winch or crane	678.0	85.2	127.0	75.7	390.1	8.8
Wrecker	1 294.6	682.5	429.5	76.3	106.3	8.1
Pole or logging	1 576.0	24.0	(S)	47.1	1 465.6	4.6
Auto transport	863.0	16.8	38.9	24.9	782.4	8.3
Service truck	1 329.9	872.0	355.6	70.4	31.8	6.4
Yard tractor	30.0	(S)	1.7	3.1	24.6	17.4
Oilfield truck	316.2	56.5	77.5	35.3	146.9	12.7
Grain body	1 974.6	31.6	144.0	220.3	1 578.7	3.9
Garbage hauler	1 025.1	11.1	48.1	73.0	892.8	6.4
Dump truck	8 888.3	410.4	512.4	739.1	7 226.3	2.1
Tank truck (liquids or gases)	5 937.5	79.6	267.6	600.2	4 990.0	2.9
Tank truck (dry bulk)	1 364.0	(S)	14.5	35.3	1 312.1	6.6
Concrete mixer	778.1	(Z)	(S)	13.8	760.3	5.3
Other	408.1	(S)	96.0	60.9	179.0	15.2
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
ANNUAL MILES						
Less than 5,000	23 142.4	21 145.2	678.3	598.4	720.0	1.6
5,000 to 9,999	70 863.1	67 295.8	1 266.8	983.6	1 316.8	1.3
10,000 to 19,999	196 821.1	187 932.3	3 239.3	1 971.2	3 678.4	1.1
20,000 to 29,999	106 067.9	98 152.7	2 099.6	1 464.2	4 351.3	2.2
30,000 to 49,999	64 849.4	52 751.4	2 032.7	1 368.7	8 696.6	3.4
50,000 to 74,999	24 126.0	9 259.7	825.3	636.3	13 404.7	4.6
75,000 or more	43 445.3	2 804.8	625.8	558.9	39 455.9	1.8
RANGE OF OPERATION						
Local	350 883.5	324 459.1	6 316.3	4 392.1	15 715.5	.8
Short-range	108 276.4	82 123.0	2 884.6	2 214.4	21 054.4	2.0
Long-range	56 016.8	20 296.3	1 078.4	653.3	33 988.9	2.0
Off-the-road	13 466.9	12 098.3	283.2	285.7	799.7	5.5
Not reported	671.8	365.4	205.1	35.9	65.4	11.5
BASE OF OPERATION						
Percentage of miles traveled outside base-of-operation State:						
Less than 25 percent	393 197.2	349 534.9	8 288.2	5 883.4	29 490.7	.7
25 to 49 percent	28 037.5	21 124.2	479.6	381.5	6 052.3	3.8
50 to 74 percent	26 102.3	15 254.7	719.2	356.9	9 771.4	3.4
75 to 100 percent	39 073.0	17 384.5	499.9	352.8	20 835.8	2.4
Not reported	42 905.3	36 043.6	780.7	606.8	5 473.6	2.8

See footnotes at end of table.

Table 11. **Truck Miles by Vehicle Size: 1987**—Con.

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

Vehicular and operational characteristics	Total	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of estimate (percent) for total
AVERAGE WEIGHT (POUNDS)						
Less than 6,001	406 921.3	406 921.2	(Z)	(S)	(Z)	.7
6,001 to 10,000	32 420.7	32 420.7	(Z)	(Z)	(Z)	3.5
10,001 to 14,000	5 439.6	(Z)	5 439.6	(Z)	(Z)	4.9
14,001 to 16,000	2 738.2	(Z)	2 738.2	(Z)	(Z)	6.9
16,001 to 19,500	2 590.0	(Z)	2 589.9	(Z)	(S)	4.6
19,501 to 26,000	7 581.0	(Z)	(Z)	7 581.0	(Z)	2.3
26,001 to 33,000	5 410.7	(Z)	(Z)	(Z)	5 410.7	2.9
33,001 to 40,000	4 113.1	(Z)	(Z)	(Z)	4 113.1	3.1
40,001 to 50,000	7 624.9	(Z)	(Z)	(S)	7 624.7	2.4
50,001 to 60,000	7 156.9	(Z)	(Z)	(Z)	7 156.9	2.7
60,001 to 80,000	45 438.8	(Z)	(Z)	(Z)	45 438.8	1.0
80,001 to 100,000	1 254.0	(Z)	(Z)	(Z)	1 254.0	4.8
100,001 to 130,000	439.8	(Z)	(Z)	(Z)	439.8	8.1
130,001 or more	185.0	(Z)	(Z)	(Z)	185.0	14.2
Not reported	(S)	(Z)	(Z)	(Z)	(S)	(S)
TOTAL LENGTH (FEET)						
Less than 13.0	41 064.0	40 860.9	147.8	18.5	36.8	3.4
13.0 to 15.9	135 251.1	134 629.5	407.8	119.4	94.3	1.7
16.0 to 19.9	257 550.5	254 187.6	2 195.1	591.2	576.1	1.1
20.0 to 27.9	20 213.7	5 806.7	5 292.3	3 922.2	5 192.5	1.5
28.0 to 35.9	10 211.9	1 284.7	1 704.6	1 877.1	5 345.5	3.3
36.0 to 40.9	4 277.7	1 967.6	379.1	213.6	1 717.5	7.9
41.0 to 44.9	1 204.3	280.6	(S)	66.1	698.0	11.2
45.0 or more	59 541.5	323.8	481.4	773.2	57 963.1	.8
Not reported	(S)	(S)	(Z)	(Z)	(Z)	(S)
YEAR MODEL						
1988	688.4	596.8	(S)	(S)	86.0	14.3
1987	43 253.1	36 852.2	698.6	462.9	5 239.4	3.2
1986	79 690.9	70 067.0	1 220.7	698.6	7 704.7	2.5
1985	65 859.2	54 481.7	1 107.5	791.0	9 479.0	2.5
1984	54 613.5	44 803.0	1 026.8	674.5	8 109.2	2.6
1983	34 797.7	30 263.2	770.2	334.5	3 429.8	3.5
1982	29 340.7	25 151.2	540.2	276.7	3 372.5	3.9
1981	24 916.4	19 273.5	632.7	478.3	4 532.0	3.8
1980	22 756.6	16 858.8	518.7	478.0	4 901.1	3.5
1979	36 289.1	29 205.6	669.6	526.3	5 887.6	2.8
1978	30 917.0	25 451.3	535.3	427.1	4 503.4	3.4
Pre-1978	106 038.1	86 233.7	3 041.1	2 428.0	14 334.8	1.5
Not reported	154.4	(S)	.9	(S)	44.4	49.8
VEHICLE ACQUISITION						
Purchased new	292 290.7	241 735.1	6 500.1	4 367.9	39 687.2	1.0
Purchased used	215 230.7	184 955.4	3 787.6	2 830.9	23 656.7	1.1
Leased from someone else	17 354.0	9 222.8	329.3	313.1	7 488.8	4.5
Not reported	4 439.9	3 428.7	150.7	69.4	791.2	7.8
LEASE CHARACTERISTICS[1 2]						
Leased without driver	23 062.1	11 070.2	1 001.8	889.4	10 100.7	3.8
Leased with driver	4 302.1	803.2	61.1	115.3	3 322.5	6.2
Leased with owner-operator	7 794.2	2 411.8	113.9	49.3	5 219.3	4.7
Not reported	861.6	526.1	27.5	13.6	294.4	12.8
Provisions of lease:						
Financing	10 206.1	6 655.3	307.8	293.2	2 949.7	7.0
Full maintenance	7 561.2	1 603.9	180.3	330.7	5 446.2	4.1
Maintenance on specific parts	1 334.9	852.0	20.9	25.2	436.8	14.6
Payment of taxes	6 955.0	2 140.6	136.1	251.0	4 427.2	5.7
Obtaining licenses and permits	9 924.5	1 497.9	191.4	321.0	7 914.2	3.1
Record keeping for leased trucks	5 756.7	708.7	99.9	224.0	4 724.1	3.9
Other	1 504.3	406.0	28.7	28.3	1 041.4	8.2
OPERATOR CLASSIFICATION						
Not for hire	482 013.7	435 136.1	9 104.4	6 209.4	31 563.3	.6
Business use	188 046.1	141 934.7	8 408.7	6 173.3	31 529.1	1.4
Personal transportation	286 834.2	286 108.5	666.8	29.0	29.7	.9
Mixed-business use/personal transportation	7 133.4	7 092.9	(S)	7.1	(S)	8.8
For hire	43 124.8	2 490.7	1 355.7	1 147.4	38 130.9	1.4
Motor carrier	30 655.1	1 594.8	1 142.6	825.3	27 092.5	1.7
Owner/operator	12 413.1	895.4	210.7	316.6	10 990.4	2.5
Independent	5 944.9	752.1	163.1	225.3	4 804.4	4.1
Leased to a company	6 468.2	143.3	47.6	91.3	6 186.0	3.2
Not reported	56.5	(S)	(S)	(S)	48.0	20.8
Daily rental	3 621.9	1 286.5	296.6	222.9	1 815.8	7.7
Mixed-not for hire/for hire	102.1	(S)	(Z)	(S)	100.7	22.2

See footnotes at end of table.

Table 11. **Truck Miles by Vehicle Size: 1987**—Con.

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

Vehicular and operational characteristics	Total	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of estimate (percent) for total
OPERATOR CLASSIFICATION—Con.						
For-hire jurisdiction:						
Interstate	28 891.7	459.6	213.5	470.6	27 748.0	1.6
Intrastate	9 396.0	897.7	425.2	295.8	7 777.3	3.3
Local	4 807.0	1 132.6	716.8	371.4	2 586.2	5.5
Not reported	30.0	(S)	(S)	(S)	19.5	34.9
Type of carrier (interstate only):						
Contract	6 295.3	(S)	36.9	86.2	6 151.3	3.5
Common	20 149.8	406.2	158.1	357.2	19 228.3	2.0
Exempt	1 539.2	(S)	(S)	(S)	1 502.2	6.9
Not reported	907.4	(S)	(S)	16.7	866.1	8.9
PRODUCTS CARRIED						
Farm products	16 210.4	8 398.7	706.5	805.2	6 300.0	4.7
Live animals	7 213.6	4 975.3	438.2	209.0	1 591.1	7.2
Mining products	1 574.9	197.2	22.6	24.9	1 330.2	6.9
Logs and other forest products	3 295.7	629.4	134.1	103.9	2 428.3	4.5
Lumber and fabricated wood products	6 684.8	3 830.9	267.5	339.2	2 247.2	7.9
Processed foods	16 322.5	4 640.3	973.5	978.2	9 730.5	2.7
Textile mill products	4 329.9	2 913.8	255.1	112.1	1 049.0	10.3
Building materials	18 599.5	7 732.7	727.5	847.7	9 291.5	3.3
Household goods	2 873.8	805.1	422.1	234.5	1 412.0	4.6
Furniture or hardware	3 353.2	1 569.7	445.8	182.3	1 155.4	6.6
Paper products	4 900.9	2 389.8	200.7	257.7	2 052.6	8.2
Chemicals	6 676.1	4 132.3	217.5	196.5	2 129.8	6.9
Petroleum	5 078.0	979.0	251.5	575.4	3 272.2	4.2
Plastics and/or rubber	2 313.0	1 040.6	131.6	65.2	1 075.7	12.1
Primary metal products	4 348.1	1 356.6	137.1	148.7	2 705.7	7.3
Fabricated metal products	5 543.0	3 300.5	304.7	159.8	1 778.0	8.0
Machinery	6 298.3	3 754.6	306.4	314.9	1 922.4	5.9
Transportation equipment	6 994.6	4 068.6	758.7	261.1	1 906.3	6.5
Glass products	1 040.0	631.3	48.1	39.3	321.3	14.5
Miscellaneous products of manufacturing	6 183.2	4 903.1	188.1	127.1	964.9	10.9
Industrial water	337.2	15.1	43.9	29.8	248.4	10.2
Scrap, refuse, or garbage	3 104.9	852.7	306.1	213.0	1 733.2	5.8
Hazardous waste	351.3	(S)	(S)	(S)	268.3	20.1
Mixed cargoes	21 077.0	6 026.0	1 208.7	740.8	13 101.4	2.9
Craftsman's equipment	34 490.2	32 938.5	914.9	292.4	344.4	4.0
Personal transportation	286 920.5	286 189.5	670.2	29.9	30.8	.9
No load carried	48 298.2	46 993.3	504.1	191.2	609.3	3.2
Not in use	111.6	102.0	1.7	(S)	(S)	32.6
Other	4 790.5	3 905.4	168.6	98.5	617.9	12.9
Not reported	(S)	(S)	(Z)	(Z)	(S)	(S)
HAZARDOUS MATERIALS CARRIED						
Hazardous materials carried	14 523.1	1 174.5	497.5	730.7	12 120.5	2.6
Less than 10 percent of time	7 220.4	146.0	229.3	201.3	6 643.7	3.5
10 to 25 percent of time	1 244.2	(S)	(S)	(S)	977.8	13.1
26 to 49 percent of the time	652.2	36.1	5.9	27.5	582.7	9.4
50 to 74 percent of the time	974.3	29.6	21.6	55.2	868.0	7.6
75 to 100 percent of the time	2 771.5	163.0	173.0	317.6	2 118.0	4.7
No percent reported	1 660.4	643.9	40.7	45.5	930.3	10.7
Types of hazardous materials[2]:						
Flammable liquids	9 287.0	390.0	320.1	440.8	8 136.0	3.1
Combustible liquids	5 812.3	57.9	120.7	185.5	5 448.2	3.7
Corrosive liquids	4 591.6	93.0	94.9	128.3	4 275.4	4.3
Poison B solids	2 437.9	(S)	16.9	75.8	2 333.3	6.2
Poison B liquids	2 346.3	(S)	16.7	69.9	2 247.8	6.4
Flammable solids	2 324.3	(S)	16.7	68.9	2 226.9	6.4
Oxidizers	2 316.6	(S)	16.7	71.7	2 225.4	6.4
Flammable gas	2 173.3	(S)	13.8	70.2	2 086.1	6.7
Nonflammable gas	2 168.5	(S)	13.6	70.3	2 081.4	6.7
Poison A	1 844.0	(S)	5.8	59.1	1 776.5	7.4
Corrosive solids	1 906.5	(S)	5.8	40.1	1 858.1	7.3
Explosives, A or B	321.3	(S)	(S)	(S)	294.9	15.8
Blasting agents	60.1	(S)	(S)	3.1	52.3	25.7
Radioactive materials	69.9	(S)	(S)	2.6	51.4	25.9
ORM-A, B, or C	128.4	(S)	(S)	3.0	109.5	26.9
ORM E	148.9	(S)	(S)	2.5	126.9	25.5
Hazardous materials not listed	16.1	(S)	(S)	1.0	(S)	43.7
Not reported	5 128.0	764.0	175.6	287.0	3 901.4	4.9
No hazardous materials carried	501 460.0	429 738.7	9 597.1	6 402.9	55 721.1	.6
Not reported	13 332.2	8 428.7	673.1	447.7	3 782.3	4.3
TRUCK FLEET SIZE[3]						
1	308 699.4	291 981.5	2 563.5	1 335.8	12 818.3	.9
2 to 5	122 944.4	108 235.1	3 190.7	2 197.1	9 321.3	1.7
6 to 19	40 121.6	22 789.5	2 351.2	2 068.1	12 912.9	2.9
20 or more	57 549.8	16 335.9	2 662.4	1 980.3	36 571.3	1.9

See footnotes at end of table.

Table 11. **Truck Miles by Vehicle Size: 1987**—Con.

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

Vehicular and operational characteristics	Total	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of estimate (percent) for total
MILES PER GALLON						
Less than 5	20 509.9	(Z)	631.0	822.4	19 056.5	1.6
5 to 6.9	52 726.2	2 002.0	2 482.9	2 920.9	45 320.5	1.0
7 to 8.9	25 367.8	16 406.4	2 900.6	2 193.7	3 867.1	3.6
9 to 11.9	78 482.0	70 287.6	3 174.6	1 644.0	3 375.6	2.0
12 to 14.9	105 379.3	104 196.0	1 182.1	(S)	.9	1.8
15 to 19.9	126 944.8	126 549.1	394.8	(Z)	(S)	1.8
20 or more	119 873.6	119 872.2	(Z)	(Z)	(S)	1.9
Not reported	(S)	(S)	(S)	(S)	(S)	(S)
EQUIPMENT TYPE[4]						
Braking system	102 319.4	13 433.4	9 704.9	7 568.3	71 612.7	.6
Hydraulic	12 039.2	5 307.6	3 229.1	1 781.5	1 721.0	2.0
Hydraulic (power)	15 492.9	5 427.6	4 683.8	2 941.0	2 440.4	1.7
Air	68 118.9	231.7	1 118.7	2 354.5	64 414.0	.7
Not reported	6 668.4	2 466.5	673.3	491.3	3 037.3	5.6
Power steering[2]	259 245.5	255 996.5	870.3	49.5	2 329.2	1.1
Air conditioning[2]	178 771.8	175 721.6	763.0	21.6	2 265.6	1.5
Engine retarder[2]	717.2	(S)	(S)	(S)	695.0	8.7
Reflective materials[2]	5 965.2	319.1	193.6	137.2	5 315.4	3.4
Electronic vehicle management system[2]	326.5	(S)	(S)	(S)	318.1	14.4
Electronic vehicle identification device (transponder, etc.)[2]	97.2	(S)	(Z)	(Z)	94.9	19.9
Trip recorders[2]	190.5	(S)	(S)	(Z)	184.1	21.0
Navigational systems[2]	27.6	(S)	(S)	(Z)	24.6	39.6
FUEL CONSERVATION EQUIPMENT[2 4]						
Aerodynamic features	21 336.0	809.4	948.1	512.6	19 065.9	1.8
Axle or drive ratio	15 505.0	502.0	423.1	316.8	14 263.0	2.1
Fuel economy engine	14 071.7	349.9	284.0	252.8	13 184.9	2.2
Radial tires	322 416.6	315 418.4	931.0	94.3	5 972.9	.9
Road speed governor	3 209.8	(S)	34.8	40.8	3 108.7	4.3
Variable fan drives	3 190.3	8.5	(S)	38.6	3 120.1	4.4
Other fuel conservation devices	1 806.4	(S)	(S)	25.8	1 773.8	5.7
MAINTENANCE[2]						
General maintenance:						
Owner	281 195.2	254 474.0	3 390.4	2 472.9	20 857.8	1.0
Company's maintenance facilities	79 912.9	31 230.1	4 181.7	3 093.2	41 408.0	1.7
Dealership's service department	84 748.2	76 845.7	1 674.4	798.9	5 429.3	2.3
Leasing company	5 092.9	1 937.1	64.3	204.9	2 886.6	7.4
Independent garage	146 529.2	131 194.3	2 670.2	1 796.0	10 868.6	1.6
Component distributorship	6 614.9	4 655.0	92.1	84.0	1 783.8	8.4
No one	3 744.5	3 614.1	22.4	19.3	88.6	9.0
Other	2 117.4	1 495.7	(S)	8.0	575.7	13.0
Not reported	18 013.9	15 005.3	324.2	288.3	2 395.8	3.8
Major overhauls:						
Owner	67 696.4	57 978.9	1 010.9	775.3	7 931.3	2.3
Company's maintenance facilities	47 910.0	16 054.0	2 522.6	1 813.1	27 520.3	2.2
Dealership's service department	74 169.2	58 904.6	1 797.6	1 301.1	12 165.9	2.3
Leasing company	3 953.7	1 724.9	82.9	172.6	1 973.4	8.4
Independent garage	102 513.3	85 399.4	2 461.5	1 839.8	12 812.5	1.9
Component distributorship	16 041.6	8 939.9	274.5	265.7	6 561.5	4.4
No one	28 534.6	27 289.8	191.0	135.0	918.7	4.0
Other	2 696.1	2 114.1	(S)	18.1	520.2	13.1
Not reported	211 650.2	196 407.0	3 055.7	1 894.7	10 292.5	1.2
ENGINE TYPE AND SIZE						
Engine	529 315.3	439 342.0	10 767.7	7 581.3	71 623.8	.5
Gasoline	437 802.7	423 294.5	7 492.9	3 888.7	3 126.2	.6
Diesel	90 859.0	15 585.4	3 227.7	3 618.4	68 427.6	1.3
LPG or other	548.2	385.8	44.2	71.7	46.6	18.3
Not reported	105.4	76.4	3.0	(S)	23.5	24.3
Cylinders[5]	529 315.3	439 342.0	10 767.7	7 581.3	71 623.8	.5
4	97 768.5	97 579.7	143.9	29.8	15.0	2.1
6	159 267.5	110 755.5	1 559.8	1 925.0	45 027.2	1.4
8	234 029.6	216 983.0	7 158.3	3 732.4	6 156.0	1.1
Other	178.9	116.4	16.3	(S)	39.8	28.6
Not reported	38 070.9	13 907.4	1 889.4	1 887.8	20 385.8	2.0
Cubic inch displacement	529 209.9	439 265.6	10 764.7	7 578.7	71 600.3	.5
Gasoline engines	437 802.7	423 294.5	7 492.9	3 888.7	3 126.2	.6
Less than 200	135 134.4	135 105.3	11.7	(S)	(S)	1.8
200 to 299	45 539.2	44 809.8	468.3	169.4	91.7	2.8
300 to 349	113 137.0	111 175.9	1 078.6	548.8	333.7	1.8

See footnotes at end of table.

Table 11. **Truck Miles by Vehicle Size: 1987**—Con.

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

Vehicular and operational characteristics	Total	Vehicle size: Light	Medium	Light-heavy	Heavy-heavy	Relative standard error of estimate (percent) for total
ENGINE TYPE AND SIZE—Con.						
Cubic inch displacement—Con.						
Gasoline engines—Con.						
350 to 399	110 157.4	102 904.8	3 840.9	2 114.5	1 297.2	1.8
400 or more	24 088.4	20 875.7	1 595.0	639.9	977.8	4.4
Not reported[6]	9 746.3	8 423.0	498.4	406.1	418.2	5.8
Diesel engines	90 859.0	15 585.4	3 227.7	3 618.4	68 427.6	1.3
Less than 400	14 609.8	8 955.4	939.3	691.4	4 023.7	4.7
400 to 599	16 143.7	5 241.8	1 565.4	1 549.1	7 787.4	4.8
600 to 799	13 204.2	(S)	281.6	549.0	12 346.7	1.9
800 or more	36 730.9	11.7	122.4	289.0	36 307.8	1.1
Not reported[6]	10 170.4	1 349.6	318.9	539.9	7 962.0	3.5
Other engines	548.2	385.8	44.2	71.7	46.6	18.3
Less than 400	463.9	359.3	33.4	46.3	24.8	21.3
400 or more	57.1	(S)	(S)	17.5	18.6	25.6
Not reported[6]	27.3	(S)	(S)	(S)	(S)	32.9
Horsepower	529 209.9	439 265.6	10 764.7	7 578.7	71 600.3	.5
Gasoline engines	437 802.7	423 294.5	7 492.9	3 888.7	3 126.2	.6
Less than 100	58 109.7	57 990.2	43.5	54.8	21.3	2.8
100 to 199	324 699.6	316 871.0	4 595.6	2 057.9	1 175.2	.9
200 to 249	27 055.7	23 104.2	1 784.8	1 049.5	1 117.3	4.3
250 or more	3 375.2	2 331.9	467.2	260.7	315.5	6.4
Not reported[6]	24 562.3	22 997.2	601.9	465.8	496.9	4.0
Diesel engines	90 859.0	15 585.4	3 227.7	3 618.4	68 427.6	1.3
Less than 250	27 209.6	12 178.7	2 315.6	2 497.4	10 217.9	3.4
250 to 349	27 416.5	73.9	168.1	368.3	26 806.2	1.4
350 to 449	25 290.2	17.5	83.1	111.2	25 078.5	1.4
450 or more	718.6	(Z)	(S)	(S)	712.2	8.7
Not reported[6]	10 224.1	3 315.3	657.8	638.2	5 612.8	5.2
Other engines	548.2	385.8	44.2	71.7	46.6	18.3
Less than 250	465.5	338.0	40.3	54.4	32.8	20.0
250 or more	(S)	(S)	(Z)	(S)	(S)	(S)
Not reported[6]	36.5	(S)	(S)	14.2	(S)	28.6
TRUCK TYPE AND AXLE ARRANGEMENT						
Single-unit trucks	462 035.2	435 610.2	9 365.6	6 329.7	10 729.1	.6
2 axles	454 822.5	435 515.1	9 232.3	5 987.2	4 087.4	.6
3 axles	5 946.0	(S)	122.1	325.8	5 417.9	2.4
4 axles or more	1 266.7	15.0	(S)	16.7	1 223.8	5.3
Combinations	67 280.1	3 731.7	1 402.1	1 251.6	60 894.7	1.0
Single-unit truck with trailer	1 476.1	37.4	126.9	158.4	1 153.3	7.3
4 axles	519.6	22.9	107.2	123.8	265.8	13.2
5 axles or more	956.5	(S)	19.7	34.7	887.6	8.6
Single-unit truck with utility trailer	6 053.6	3 598.5	939.7	403.5	1 111.9	7.1
3 axles	2 227.0	1 868.1	158.1	109.3	91.5	12.9
4 axles	2 992.9	1 701.2	703.7	228.6	359.4	10.4
5 axles or more	833.6	29.1	77.9	65.7	661.0	7.4
Truck-tractor with single trailer	57 056.1	95.8	331.5	679.1	55 949.6	.8
3 axles	2 455.8	(S)	(S)	169.1	2 169.2	5.3
4 axles	10 008.7	(S)	91.4	292.4	9 561.7	2.3
5 axles or more	44 591.6	(S)	131.8	217.6	44 218.7	1.0
Truck-tractor with double trailers	2 653.7	(Z)	(S)	(S)	2 642.7	6.1
5 axles	2 181.8	(Z)	(Z)	(S)	2 171.3	7.0
6 axles	304.2	(Z)	(S)	(Z)	303.8	17.4
7 axles or more	167.6	(Z)	(Z)	(Z)	167.6	11.4
Truck-tractor with triple trailers	38.5	(Z)	(S)	(Z)	37.1	24.8
7 axles	34.7	(Z)	(Z)	(Z)	34.7	27.1
8 axles or more	3.9	(Z)	(S)	(Z)	(S)	47.6
Trailer not specified	(S)	(Z)	(S)	(Z)	(Z)	(S)
Powered axles	529 315.3	439 342.0	10 767.7	7 581.3	71 623.8	.5
1	379 426.0	342 639.4	10 085.4	7 001.8	19 698.9	.8
2	148 979.8	96 661.7	657.0	547.7	51 113.4	1.3
3 or more	909.4	40.8	(S)	31.9	811.5	6.9
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
CAB TYPE[7]						
Cab forward of engine	1 243.0	220.5	183.4	168.1	670.9	6.3
Cab over engine	32 020.3	1 660.7	1 547.4	1 254.9	27 557.2	1.3
Conventional cab	61 442.0	7 908.0	7 114.7	5 734.7	40 684.6	.8
Cab beside engine	494.7	303.9	74.7	22.9	93.3	10.8
Other	1 382.6	910.4	223.1	83.0	166.1	6.6
Not reported	5 736.7	2 429.9	561.7	304.6	2 440.5	6.4

See footnotes at end of table.

Table 11. **Truck Miles by Vehicle Size: 1987**—Con.

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

Vehicular and operational characteristics	Total	Vehicle size				Relative standard error of estimate (percent) for total
		Light	Medium	Light-heavy	Heavy-heavy	
PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS						
Total	426 995.9	425 908.6	1 062.8	(S)	11.1	.7
Pickups	284 929.0	283 987.1	929.6	(S)	(S)	.8
Mini-vans	23 027.2	23 026.2	(S)	(Z)	(S)	4.2
Panels or vans	61 035.5	60 922.1	(S)	(S)	(S)	2.5
Utilities	43 199.9	43 190.2	(S)	(Z)	(Z)	3.3
Station wagons	14 804.4	14 782.9	(S)	(Z)	(Z)	5.4
Driving wheels	426 995.9	425 908.6	1 062.8	(S)	11.1	.7
4-wheel drive	96 241.2	96 065.2	173.6	(S)	(S)	2.0
2-wheel drive	330 754.7	329 843.4	889.2	(S)	(S)	.9
Front-wheel drive	16 633.2	16 628.9	(S)	(Z)	(Z)	5.5
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Note: Some data cells may have high relative standard errors of estimate (RSE's). See appendix B for approximating the RSE's for the data cells. Some unpublished estimates can be derived from this table by subtracting published data from their respective totals. However, the figures obtained by such subtraction are subject to high sampling variability or poor response quality. These unpublished data are for internal use only. The U.S. data may vary from the sum of the State reports because of rounding.

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.
[2]Detail does not add to total because items were not applicable or multiple responses were possible.
[3]When no response was obtained, a fleet size of one truck was assumed.
[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.
[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.
[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.
[7]Pickups, panels, vans, and mini-vans are not included.

Table 12. Truck Miles by Range of Operation: 1987

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

Vehicular and operational characteristics	Total	Range of operation					Relative standard error of estimate (percent) for total
		Local	Short-range	Long-range	Off-the-road	Not reported	
Total trucks	**529 315.3**	**350 883.5**	**108 276.4**	**56 016.8**	**13 466.9**	**671.8**	
Relative standard error (percent)	.5	.8	2.0	2.0	5.5	11.5	
MAJOR USE							
Agriculture	34 022.0	21 895.6	6 715.0	2 139.4	3 263.6	(S)	3.7
Forestry and lumbering	5 004.3	2 435.1	1 940.2	314.6	(S)	(Z)	7.3
Mining and quarrying	3 353.5	1 681.3	1 116.4	174.0	381.8	(Z)	8.1
Construction	63 689.2	44 762.9	15 221.9	2 131.5	1 572.8	(Z)	2.7
Manufacturing	12 468.8	4 954.3	3 957.8	3 344.9	211.6	(S)	5.2
Wholesale trade	20 633.3	9 486.0	8 122.4	2 942.8	80.3	(S)	4.1
Retail trade	22 673.4	15 282.7	5 814.8	1 171.0	404.5	(S)	4.1
For-hire transportation	43 239.8	6 723.8	10 699.6	25 654.4	148.1	14.0	1.4
Utilities	5 829.4	4 116.8	1 455.3	199.4	57.9	(Z)	8.2
Services	27 207.3	19 727.9	5 154.3	1 568.8	756.3	(Z)	3.9
Daily rental	3 607.3	1 009.9	1 261.3	1 255.4	6.9	73.9	7.8
One way rental	545.4	(S)	21.3	15.4	(Z)	463.6	9.7
Personal transportation	286 955.7	218 742.1	46 758.6	15 104.6	6 266.7	(S)	.9
Other	(S)	(S)	(S)	(Z)	(Z)	(Z)	(S)
Not in use	50.7	19.2	3.0	(S)	2.1	25.7	28.7
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
BODY TYPE							
Pickup	284 929.0	211 674.6	53 439.6	10 790.0	8 939.8	(S)	.8
Mini-van	23 027.2	17 800.5	3 702.2	1 103.8	394.1	(S)	4.2
Panel or van	61 035.5	43 312.6	11 404.6	5 367.9	945.2	(S)	2.5
Utility	43 199.9	32 629.9	7 782.8	1 691.9	1 085.0	(S)	3.3
Station wagon	14 804.4	10 659.5	2 769.9	1 051.6	323.4	(Z)	5.4
Multistop or walk-in	6 614.1	3 777.6	1 955.1	728.0	47.8	105.6	5.3
Platform with added devices	2 507.6	1 479.5	751.0	141.6	135.4	(Z)	3.8
Low boy or depressed center	1 926.7	696.8	596.3	582.7	50.8	(Z)	5.5
Basic platform	19 299.3	6 781.5	5 208.7	6 823.0	456.6	29.6	1.7
Livestock truck	1 226.0	234.3	421.0	558.0	12.7	(Z)	7.0
Insulated nonrefrigerated van	1 341.9	204.4	293.2	824.4	18.7	(S)	6.8
Insulated refrigerated van	8 783.1	890.0	2 096.2	5 775.9	(S)	(Z)	2.6
Drop-frame van	2 466.6	473.7	531.3	1 420.2	(S)	32.9	4.9
Open-top van	546.1	113.8	324.6	97.2	10.5	(Z)	8.6
Basic enclosed van	29 086.1	4 828.6	7 968.0	15 864.3	66.5	358.8	1.5
Beverage	941.6	638.6	290.5	(S)	(S)	(Z)	5.6
Public utility	1 117.0	872.6	196.4	6.7	41.4	(Z)	6.3
Winch or crane	678.0	411.4	192.4	50.1	24.1	(Z)	8.8
Wrecker	1 294.6	1 122.3	142.7	(S)	17.3	(S)	8.1
Pole or logging	1 576.0	635.9	823.5	66.4	50.2	(Z)	4.6
Auto transport	863.0	54.8	282.0	525.2	1.1	(Z)	8.3
Service truck	1 329.9	808.2	404.1	70.4	47.2	(Z)	6.4
Yard tractor	30.0	12.8	2.4	(S)	14.8	(Z)	17.4
Oilfield truck	316.2	153.8	83.1	6.8	72.6	(Z)	12.7
Grain body	1 974.6	884.3	651.3	341.5	89.5	(S)	3.9
Garbage hauler	1 025.1	849.4	157.7	(S)	12.2	(Z)	6.4
Dump truck	8 888.3	5 644.5	2 460.8	405.1	377.6	(S)	2.1
Tank truck (liquids or gases)	5 937.5	2 175.3	2 444.3	1 152.3	157.7	(S)	2.9
Tank truck (dry bulk)	1 364.0	240.6	710.7	402.2	10.4	(Z)	6.6
Concrete mixer	778.1	726.5	24.5	(S)	25.2	(Z)	5.3
Other	408.1	95.1	165.7	138.3	(S)	(Z)	15.2
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
ANNUAL MILES							
Less than 5,000	23 142.4	18 509.4	2 354.4	702.9	1 534.9	(S)	1.6
5,000 to 9,999	70 863.1	56 584.7	8 696.0	2 760.6	2 710.5	111.2	1.3
10,000 to 19,999	196 821.1	154 138.3	30 870.1	6 863.9	4 664.3	284.6	1.1
20,000 to 29,999	106 067.9	73 914.9	24 072.7	5 663.7	2 288.7	127.8	2.2
30,000 to 49,999	64 849.4	36 031.7	22 106.1	5 219.3	1 429.1	63.1	3.4
50,000 to 74,999	24 126.0	7 934.7	9 638.7	5 854.7	(S)	(S)	4.6
75,000 or more	43 445.3	3 769.8	10 538.4	28 951.7	158.3	27.1	1.8
BASE OF OPERATION							
Percentage of miles traveled outside base-of-operation State:							
Less than 25 percent	393 197.2	293 291.2	77 848.2	10 572.9	11 303.1	181.8	.7
25 to 49 percent	28 037.5	14 316.9	8 455.2	4 927.9	331.0	(S)	3.8
50 to 74 percent	26 102.3	7 167.7	6 599.0	12 007.6	318.7	(S)	3.4
75 to 100 percent	39 073.0	8 299.8	6 257.9	23 852.3	649.5	13.5	2.4
Not reported	42 905.3	27 807.9	9 116.3	4 655.9	864.5	460.7	2.8
VEHICLE SIZE							
Light	439 342.0	324 459.1	82 123.0	20 296.3	12 098.3	365.4	.6
Medium	10 767.7	6 316.3	2 884.6	1 078.4	283.2	205.1	3.2
Light-heavy	7 581.3	4 392.1	2 214.4	653.3	285.7	35.9	2.3
Heavy-heavy	71 623.8	15 715.5	21 054.4	33 988.9	799.7	65.4	.7

See footnotes at end of table.

Table 12. **Truck Miles by Range of Operation: 1987**—Con.

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

Vehicular and operational characteristics	Total	Range of operation: Local	Short-range	Long-range	Off-the-road	Not reported	Relative standard error of estimate (percent) for total
AVERAGE WEIGHT (POUNDS)							
Less than 6,001	406 921.3	302 408.2	75 057.4	18 499.3	10 829.4	127.1	.7
6,001 to 10,000	32 420.7	22 051.0	7 065.6	1 797.0	1 268.9	238.2	3.5
10,001 to 14,000	5 439.6	3 227.4	1 326.0	725.0	121.8	39.4	4.9
14,001 to 16,000	2 738.2	1 562.3	868.4	178.8	65.2	63.5	6.9
16,001 to 19,500	2 590.0	1 526.7	690.2	174.6	96.3	102.2	4.6
19,501 to 26,000	7 581.0	4 391.8	2 214.4	653.3	285.7	35.9	2.3
26,001 to 33,000	5 410.7	2 689.6	1 793.4	791.5	130.0	(S)	2.9
33,001 to 40,000	4 113.1	1 645.2	1 321.3	1 044.5	98.0	(S)	3.1
40,001 to 50,000	7 624.9	2 804.5	2 248.4	2 378.1	187.0	(S)	2.4
50,001 to 60,000	7 156.9	1 883.6	1 813.7	3 350.4	99.8	9.4	2.7
60,001 to 80,000	45 438.8	6 088.2	13 003.9	26 081.0	227.3	38.4	1.0
80,001 to 100,000	1 254.0	444.4	588.3	179.2	42.2	(Z)	4.8
100,001 to 130,000	439.8	102.8	181.3	142.9	12.8	(Z)	8.1
130,001 or more	185.0	56.8	104.0	21.5	(S)	(Z)	14.2
Not reported	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(S)
TOTAL LENGTH (FEET)							
Less than 13.0	41 064.0	30 846.0	7 199.4	1 780.0	1 228.3	(S)	3.4
13.0 to 15.9	135 251.1	103 517.0	24 466.0	4 582.0	2 654.4	(S)	1.7
16.0 to 19.9	257 550.5	187 111.7	49 062.7	13 089.4	8 149.9	136.8	1.1
20.0 to 27.9	20 213.7	13 121.3	5 078.0	881.5	760.6	372.3	1.5
28.0 to 35.9	10 211.9	5 858.5	3 151.1	884.0	259.1	59.3	3.3
36.0 to 40.9	4 277.7	2 354.3	1 183.9	658.7	80.8	(Z)	7.9
41.0 to 44.9	1 204.3	532.7	422.7	237.8	(S)	(Z)	11.2
45.0 or more	59 541.5	7 542.1	17 712.8	33 903.2	322.7	60.7	.8
Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(S)
YEAR MODEL							
1988	688.4	429.7	105.2	142.8	(S)	(S)	14.3
1987	43 253.1	27 105.8	10 092.6	5 376.9	605.5	72.2	3.2
1986	79 690.9	51 849.7	17 260.8	8 570.4	1 950.7	59.4	2.5
1985	65 859.2	42 624.6	12 962.9	9 215.2	1 019.4	37.0	2.5
1984	54 613.5	33 523.4	11 756.8	7 874.9	1 386.5	71.9	2.6
1983	34 797.7	22 789.8	7 352.2	3 746.2	899.4	10.1	3.5
1982	29 340.7	19 300.5	7 011.6	2 359.0	664.9	(S)	3.9
1981	24 916.4	16 253.1	5 380.1	2 707.0	544.8	31.4	3.8
1980	22 756.6	14 868.8	4 546.1	2 833.2	500.8	7.8	3.5
1979	36 289.1	25 240.2	6 797.6	3 289.2	933.6	28.4	2.8
1978	30 917.0	21 103.5	6 156.1	2 700.6	919.5	37.4	3.4
Pre-1978	106 038.1	75 663.4	18 832.4	7 201.3	4 030.2	310.8	1.5
Not reported	154.4	(S)	22.1	(Z)	(S)	(Z)	49.8
VEHICLE ACQUISITION							
Purchased new	292 290.7	189 708.1	62 574.7	32 695.0	6 744.9	568.1	1.0
Purchased used	215 230.7	151 160.9	40 829.1	16 787.8	6 349.2	(S)	1.1
Leased from someone else	17 354.0	7 235.9	3 739.6	6 081.8	296.7	(Z)	4.5
Not reported	4 439.9	2 778.5	1 133.1	452.1	76.1	(Z)	7.8
LEASE CHARACTERISTICS[1 2]							
Leased without driver	23 062.1	9 207.0	6 476.5	6 506.6	322.2	549.8	3.8
Leased with driver	4 302.1	1 065.3	789.1	2 191.6	(S)	(S)	6.2
Leased with owner-operator	7 794.2	2 028.4	1 506.4	4 214.7	44.8	(Z)	4.7
Not reported	861.6	471.8	168.8	214.0	6.7	(S)	12.8
Provisions of lease:							
Financing	10 206.1	5 401.0	2 684.9	1 960.7	(S)	(Z)	7.0
Full maintenance	7 561.2	1 717.5	2 145.1	3 601.0	72.4	25.2	4.1
Maintenance on specific parts	1 334.9	690.1	344.3	287.4	13.0	(Z)	14.6
Payment of taxes	6 955.0	2 261.1	1 411.9	3 206.1	56.1	19.7	5.7
Obtaining licenses and permits	9 924.5	1 905.9	2 116.6	5 832.7	46.6	22.7	3.1
Record keeping for leased trucks	5 756.7	925.2	1 339.5	3 437.0	35.3	19.7	3.9
Other	1 504.3	384.5	361.1	737.5	(S)	6.2	8.2
OPERATOR CLASSIFICATION							
Not for hire	482 013.7	342 948.1	96 077.3	29 094.1	13 310.8	583.4	.6
Business use	188 046.1	119 084.9	47 789.5	13 745.6	6 936.5	489.6	1.4
Personal transportation	286 834.2	218 615.8	46 758.1	15 101.6	6 265.0	(S)	.9
Mixed-business use/personal transportation	7 133.4	5 247.4	1 529.7	246.9	(S)	(S)	8.8
For hire	43 124.8	6 659.2	10 691.9	25 614.0	148.1	11.5	1.4
Motor carrier	30 655.1	4 560.7	7 852.5	18 161.4	69.5	(S)	1.7
Owner/operator	12 413.1	2 084.1	2 815.3	7 435.2	78.5	(Z)	2.5
Independent	5 944.9	1 635.1	1 668.8	2 575.6	65.4	(Z)	4.1
Leased to a company	6 468.2	448.9	1 146.5	4 859.6	13.1	(Z)	3.2
Not reported	56.5	14.5	24.1	17.3	(S)	(S)	20.8
Daily rental	3 621.9	1 009.5	1 268.7	1 259.9	6.9	76.8	7.7
Mixed-not for hire/for hire	102.1	19.5	42.4	40.0	(S)	(Z)	22.2

See footnotes at end of table.

Table 12. **Truck Miles by Range of Operation: 1987**—Con.

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

Vehicular and operational characteristics	Total	Range of operation					Relative standard error of estimate (percent) for total
		Local	Short-range	Long-range	Off-the-road	Not reported	
OPERATOR CLASSIFICATION—Con.							
For-hire jurisdiction:							
Interstate	28 891.7	980.6	4 533.6	23 344.7	24.9	(S)	1.6
Intrastate	9 396.0	1 986.7	5 157.6	2 215.6	36.1	(Z)	3.3
Local	4 807.0	3 683.7	990.8	45.5	87.1	(Z)	5.5
Not reported	30.0	(S)	(S)	(S)	(Z)	(S)	34.9
Type of carrier (interstate only):							
Contract	6 295.3	201.2	975.3	5 114.4	(S)	(Z)	3.5
Common	20 149.8	688.5	3 143.4	16 296.8	13.2	(S)	2.0
Exempt	1 539.2	65.1	279.8	1 190.4	(S)	(Z)	6.9
Not reported	907.4	25.8	135.1	743.1	(S)	(Z)	8.9
PRODUCTS CARRIED							
Farm products	16 210.4	8 681.4	3 437.3	3 085.8	1 004.9	(S)	4.7
Live animals	7 213.6	3 053.2	2 554.3	1 334.2	264.0	(S)	7.2
Mining products	1 574.9	721.4	583.6	159.4	110.3	(S)	6.9
Logs and other forest products	3 295.7	1 484.7	1 473.2	250.7	87.1	(Z)	4.5
Lumber and fabricated wood products	6 684.8	3 507.1	1 604.1	1 499.4	74.2	(Z)	7.9
Processed foods	16 322.5	5 853.7	4 660.7	5 735.7	68.1	(S)	2.7
Textile mill products	4 329.9	1 855.1	1 140.0	1 271.8	63.0	(Z)	10.3
Building materials	18 599.5	11 439.9	4 748.9	1 747.1	663.6	(S)	3.3
Household goods	2 873.8	767.8	337.5	1 286.8	13.3	468.5	4.6
Furniture or hardware	3 353.2	1 757.2	535.5	1 045.3	(S)	(S)	6.6
Paper products	4 900.9	2 078.3	1 251.7	1 434.6	(S)	(S)	8.2
Chemicals	6 676.1	3 448.7	2 000.9	1 044.3	182.2	(Z)	6.9
Petroleum	5 078.0	2 383.1	2 043.6	586.1	57.5	(S)	4.2
Plastics and/or rubber	2 313.0	946.1	550.3	811.3	5.3	(Z)	12.1
Primary metal products	4 348.1	1 137.3	1 145.6	2 009.7	55.5	(Z)	7.3
Fabricated metal products	5 543.0	2 677.0	1 519.3	1 251.7	95.0	(Z)	8.0
Machinery	6 298.3	3 299.4	1 990.4	953.8	54.7	(Z)	5.9
Transportation equipment	6 994.6	3 604.1	1 702.8	1 524.5	163.2	(Z)	6.5
Glass products	1 040.0	522.3	247.9	260.5	(S)	(Z)	14.5
Miscellaneous products of manufacturing	6 183.2	2 646.4	2 455.9	1 025.8	53.0	(S)	10.9
Industrial water	337.2	187.3	75.8	1.4	72.7	(Z)	10.2
Scrap, refuse, or garbage	3 104.9	2 309.2	487.5	198.8	109.4	(Z)	5.8
Hazardous waste	351.3	(S)	87.9	168.1	(S)	(Z)	20.1
Mixed cargoes	21 077.0	6 440.9	5 601.5	8 834.8	158.8	41.1	2.9
Craftsman's equipment	34 490.2	24 754.4	7 992.0	861.4	882.4	(Z)	4.0
Personal transportation	286 920.5	218 707.0	46 758.6	15 104.6	6 266.7	(S)	.9
No load carried	48 298.2	33 902.1	10 185.7	1 893.8	2 293.6	(S)	3.2
Not in use	111.6	71.9	2.8	(S)	(S)	25.7	32.6
Other	4 790.5	2 552.8	1 101.1	634.6	(S)	(Z)	12.9
Not reported	(S)	(S)	(S)	(Z)	(Z)	(Z)	(S)
HAZARDOUS MATERIALS CARRIED							
Hazardous materials carried	14 523.1	3 106.0	4 028.3	7 280.3	100.5	(S)	2.6
Less than 10 percent of time	7 220.4	928.7	1 227.9	5 029.8	34.0	(Z)	3.5
10 to 25 percent of time	1 244.2	272.4	299.5	671.7	(S)	(Z)	13.1
26 to 49 percent of the time	652.2	165.0	223.8	258.7	(S)	(Z)	9.4
50 to 74 percent of the time	974.3	251.2	436.8	278.7	7.7	(Z)	7.6
75 to 100 percent of the time	2 771.5	1 077.0	1 103.1	548.6	35.0	(S)	4.7
No percent reported	1 660.4	411.6	737.3	492.8	(S)	(S)	10.7
Types of hazardous materials[2]:							
Flammable liquids	9 287.0	1 966.0	2 551.4	4 709.7	52.1	(S)	3.1
Combustible liquids	5 812.3	892.4	1 490.7	3 408.5	20.7	(Z)	3.7
Corrosive liquids	4 591.6	470.6	921.7	3 189.5	(S)	(Z)	4.3
Poison B solids	2 437.9	220.2	281.7	1 933.4	(S)	(Z)	6.2
Poison B liquids	2 346.3	213.1	259.6	1 870.9	(S)	(Z)	6.4
Flammable solids	2 324.3	189.7	259.7	1 872.3	(S)	(Z)	6.4
Oxidizers	2 316.6	185.4	234.9	1 893.7	(S)	(Z)	6.4
Flammable gas	2 173.3	180.7	207.0	1 782.7	(S)	(Z)	6.7
Nonflammable gas	2 168.5	180.5	203.5	1 781.9	(S)	(Z)	6.7
Poison A	1 844.0	118.7	170.2	1 552.6	(S)	(Z)	7.4
Corrosive solids	1 906.5	117.4	179.9	1 606.6	(S)	(Z)	7.3
Explosives, A or B	321.3	25.4	(S)	278.1	(S)	(Z)	15.8
Blasting agents	60.1	9.0	(S)	45.2	(S)	(Z)	25.7
Radioactive materials	69.9	9.3	(S)	45.9	(S)	(Z)	25.9
ORM-A, B, or C	128.4	9.0	(S)	102.9	(S)	(Z)	26.9
ORM E	148.9	(S)	(S)	111.5	(S)	(Z)	25.5
Hazardous materials not listed	16.1	(S)	(S)	(S)	(S)	(Z)	43.7
Not reported	5 128.0	1 114.5	1 451.2	2 514.6	47.5	(S)	4.9
No hazardous materials carried	501 460.0	340 709.5	101 028.1	46 507.7	12 912.2	302.6	.6
Not reported	13 332.2	7 068.0	3 220.1	2 228.8	454.1	361.3	4.3
TRUCK FLEET SIZE[3]							
1	308 699.4	222 857.9	55 629.9	22 159.6	7 810.3	241.7	.9
2 to 5	122 944.4	85 393.6	25 785.7	8 128.9	3 618.4	(S)	1.7
6 to 19	40 121.6	23 056.3	10 828.3	5 072.8	1 159.2	(S)	2.9
20 or more	57 549.8	19 575.7	16 032.7	20 655.5	879.0	407.1	1.9

See footnotes at end of table.

Table 12. **Truck Miles by Range of Operation: 1987**—Con.

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

Vehicular and operational characteristics	Total	Range of operation					Relative standard error of estimate (percent) for total
		Local	Short-range	Long-range	Off-the-road	Not reported	
MILES PER GALLON							
Less than 5	20 509.9	5 647.4	5 672.6	8 857.0	332.5	(S)	1.6
5 to 6.9	52 726.2	13 133.3	14 932.2	23 862.4	706.8	91.5	1.0
7 to 8.9	25 367.8	16 021.9	6 168.5	2 374.7	771.7	31.2	3.6
9 to 11.9	78 482.0	55 425.8	14 670.7	5 043.2	3 034.7	307.6	2.0
12 to 14.9	105 379.3	78 907.7	18 742.0	4 796.3	2 802.9	130.4	1.8
15 to 19.9	126 944.8	92 315.3	25 302.2	5 848.0	3 405.5	73.7	1.8
20 or more	119 873.6	89 407.2	22 787.9	5 228.7	2 412.8	(S)	1.9
Not reported	(S)	(S)	(S)	(S)	(Z)	(Z)	(S)
EQUIPMENT TYPE[4]							
Braking system	102 319.4	34 806.3	29 177.4	36 011.6	1 779.4	544.7	.6
Hydraulic	12 039.2	7 330.8	3 030.6	899.2	468.3	310.2	2.0
Hydraulic (power)	15 492.9	9 401.4	4 123.1	1 347.6	459.4	161.3	1.7
Air	68 118.9	15 284.4	20 232.0	31 776.6	767.8	58.1	.7
Not reported	6 668.4	2 789.6	1 791.8	1 988.1	83.8	15.1	5.6
Power steering[2]	259 245.5	186 019.3	51 220.1	15 788.3	6 191.0	(S)	1.1
Air conditioning[2]	178 771.8	125 610.1	35 964.9	13 190.3	3 979.8	(S)	1.5
Engine retarder[2]	717.2	56.3	102.4	544.4	14.0	(Z)	8.7
Reflective materials[2]	5 965.2	307.7	976.6	4 371.7	7.2	302.0	3.4
Electronic vehicle management system[2]	326.5	11.9	24.7	285.7	(S)	(Z)	14.4
Electronic vehicle identification device (transponder, etc.)[2]	97.2	(S)	(S)	82.6	(S)	(Z)	19.9
Trip recorders[2]	190.5	11.1	55.2	122.0	(S)	(Z)	21.0
Navigational systems[2]	27.6	2.5	(S)	(S)	(S)	(Z)	39.6
FUEL CONSERVATION EQUIPMENT[2 4]							
Aerodynamic features	21 336.0	1 681.1	4 320.2	14 830.6	40.4	463.7	1.8
Axle or drive ratio	15 505.0	920.7	3 062.8	11 193.1	19.4	308.9	2.1
Fuel economy engine	14 071.7	658.8	2 769.3	10 313.1	21.7	308.9	2.2
Radial tires	322 416.6	231 984.0	62 340.1	20 728.7	7 326.5	(S)	.9
Road speed governor	3 209.8	237.7	588.4	2 372.8	11.0	(Z)	4.3
Variable fan drives	3 190.3	205.5	603.8	2 370.4	10.5	(Z)	4.4
Other fuel conservation devices	1 806.4	85.4	238.1	1 477.8	(S)	(Z)	5.7
MAINTENANCE[2]							
General maintenance:							
Owner	281 195.2	199 151.5	53 656.0	20 820.7	7 474.1	(S)	1.0
Company's maintenance facilities	79 912.9	33 792.8	21 953.4	21 166.1	2 462.3	538.3	1.7
Dealership's service department	84 748.2	58 121.2	17 032.0	7 706.3	1 815.9	72.8	2.3
Leasing company	5 092.9	1 595.1	1 454.5	1 984.6	58.0	(S)	7.4
Independent garage	146 529.2	103 357.3	27 569.4	12 071.0	3 518.8	(S)	1.6
Component distributorship	6 614.9	3 438.9	1 660.6	1 332.6	182.8	(Z)	8.4
No one	3 744.5	2 645.2	662.3	277.4	156.6	(S)	9.0
Other	2 117.4	1 253.9	250.9	543.6	(S)	(Z)	13.0
Not reported	18 013.9	11 849.8	3 267.8	2 297.1	573.3	(S)	3.8
Major overhauls:							
Owner	67 696.4	46 373.5	12 584.1	6 673.0	2 036.5	(S)	2.3
Company's maintenance facilities	47 910.0	18 524.2	12 538.7	14 820.6	1 515.7	510.8	2.2
Dealership's service department	74 169.2	47 615.0	16 479.6	8 627.9	1 377.3	69.4	2.3
Leasing company	3 953.7	1 524.6	1 128.9	1 269.4	(S)	(S)	8.4
Independent garage	102 513.3	70 679.0	20 464.8	8 869.3	2 421.9	(S)	1.9
Component distributorship	16 041.6	8 060.7	3 580.9	4 029.1	369.9	(S)	4.4
No one	28 534.6	21 851.0	4 840.8	1 355.0	481.4	(S)	4.0
Other	2 696.1	1 650.6	532.4	462.7	(S)	(Z)	13.1
Not reported	211 650.2	148 413.5	41 817.5	15 411.7	5 962.9	(S)	1.2
ENGINE TYPE AND SIZE							
Engine	529 315.3	350 883.5	108 276.4	56 016.8	13 466.9	671.8	.5
Gasoline	437 802.7	323 936.3	80 885.0	20 398.7	11 979.5	603.2	.6
Diesel	90 859.0	26 492.6	27 242.0	35 597.0	1 458.7	68.6	1.3
LPG or other	548.2	385.0	132.8	(S)	(S)	(Z)	18.3
Not reported	105.4	69.6	(S)	(S)	4.7	(Z)	24.3
Cylinders[5]	529 315.3	350 883.5	108 276.4	56 016.8	13 466.9	671.8	.5
4	97 768.5	75 140.4	17 324.3	3 252.6	2 014.3	(S)	2.1
6	159 267.5	92 695.0	34 169.1	29 061.8	3 179.5	162.2	1.4
8	234 029.6	164 154.6	47 384.2	14 868.0	7 331.8	291.0	1.1
Other	178.9	62.5	78.2	(S)	(S)	(Z)	28.6
Not reported	38 070.9	18 831.0	9 320.7	8 833.5	903.9	181.8	2.0
Cubic inch displacement	529 209.9	350 813.9	108 259.8	56 002.2	13 462.2	671.8	.5
Gasoline engines	437 802.7	323 936.3	80 885.0	20 398.7	11 979.5	603.2	.6
Less than 200	135 134.4	102 766.9	24 929.2	4 935.9	2 466.1	(S)	1.8
200 to 299	45 539.2	35 648.5	7 247.7	1 445.7	1 175.9	(S)	2.8
300 to 349	113 137.0	81 135.8	22 722.1	5 766.1	3 368.0	145.0	1.8

See footnotes at end of table.

Table 12. **Truck Miles by Range of Operation: 1987**—Con.

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

Vehicular and operational characteristics	Total	Range of operation					Relative standard error of estimate (percent) for total
		Local	Short-range	Long-range	Off-the-road	Not reported	
ENGINE TYPE AND SIZE—Con.							
Cubic inch displacement—Con.							
Gasoline engines—Con.							
350 to 399	110 157.4	80 491.2	20 108.2	5 595.0	3 740.1	223.1	1.8
400 or more	24 088.4	16 457.7	4 734.8	2 009.3	836.5	50.1	4.4
Not reported[6]	9 746.3	7 436.2	1 143.0	646.7	393.1	127.3	5.8
Diesel engines	90 859.0	26 492.6	27 242.0	35 597.0	1 458.7	68.6	1.3
Less than 400	14 609.8	7 575.9	4 470.9	2 242.1	314.8	6.0	4.7
400 to 599	16 143.7	6 836.6	5 162.0	3 558.6	(S)	(Z)	4.8
600 to 799	13 204.2	4 632.2	5 027.9	3 340.9	196.3	(S)	1.9
800 or more	36 730.9	4 105.4	9 466.8	22 893.3	224.0	41.4	1.1
Not reported[6]	10 170.4	3 342.4	3 114.5	3 562.1	137.1	14.3	3.5
Other engines	548.2	385.0	132.8	(S)	(S)	(Z)	18.3
Less than 400	463.9	324.0	(S)	(S)	(S)	(Z)	21.3
400 or more	57.1	38.7	17.1	(S)	(Z)	(Z)	25.6
Not reported[6]	27.3	22.3	(S)	(S)	(S)	(Z)	32.9
Horsepower	529 209.9	350 813.9	108 259.8	56 002.2	13 462.2	671.8	.5
Gasoline engines	437 802.7	323 936.3	80 885.0	20 398.7	11 979.5	603.2	.6
Less than 100	58 109.7	44 254.6	10 417.8	2 079.1	1 344.1	(S)	2.8
100 to 199	324 699.6	240 379.9	60 632.9	14 452.9	8 911.6	322.3	.9
200 to 249	27 055.7	18 748.7	5 244.1	2 124.5	807.9	130.5	4.3
250 or more	3 375.2	2 436.1	519.5	219.7	199.8	(S)	6.4
Not reported[6]	24 562.3	18 116.9	4 070.7	1 522.4	716.1	136.3	4.0
Diesel engines	90 859.0	26 492.6	27 242.0	35 597.0	1 458.7	68.6	1.3
Less than 250	27 209.6	14 304.4	8 975.9	3 035.7	887.0	(S)	3.4
250 to 349	27 416.5	4 946.4	8 652.5	13 555.1	234.2	28.3	1.4
350 to 449	25 290.2	2 683.6	6 564.2	15 870.8	151.2	20.4	1.4
450 or more	718.6	102.7	226.7	386.2	2.5	(S)	8.7
Not reported[6]	10 224.1	4 455.6	2 822.6	2 749.2	183.8	12.8	5.2
Other engines	548.2	385.0	132.8	(S)	(S)	(Z)	18.3
Less than 250	465.5	315.1	(S)	(S)	(S)	(Z)	20.0
250 or more	(S)	(S)	(S)	(S)	(Z)	(Z)	(S)
Not reported[6]	36.5	30.2	(S)	(S)	(S)	(Z)	28.6
TRUCK TYPE AND AXLE ARRANGEMENT							
Single-unit trucks	462 035.2	339 539.8	88 147.4	20 731.1	13 005.7	611.0	.6
2 axles	454 822.5	334 326.0	86 722.1	20 515.4	12 648.1	611.0	.6
3 axles	5 946.0	4 263.2	1 168.6	196.1	318.0	(S)	2.4
4 axles or more	1 266.7	950.6	256.8	19.7	39.6	(Z)	5.3
Combinations	67 280.1	11 343.6	20 129.0	35 285.6	461.1	60.7	1.0
Single-unit truck with trailer	1 476.1	567.0	519.8	368.7	20.6	(Z)	7.3
4 axles	519.6	212.4	196.9	102.3	8.0	(Z)	13.2
5 axles or more	956.5	354.5	322.9	266.4	12.6	(Z)	8.6
Single-unit truck with utility trailer	6 053.6	2 930.6	1 591.7	1 375.2	156.0	(Z)	7.1
3 axles	2 227.0	1 238.7	557.7	365.7	65.0	(Z)	12.9
4 axles	2 992.9	1 312.3	709.0	910.7	60.9	(Z)	10.4
5 axles or more	833.6	379.7	325.0	98.8	30.1	(Z)	7.4
Truck-tractor with single trailer	57 056.1	7 697.2	17 241.6	31 792.6	271.9	52.8	.8
3 axles	2 455.8	808.6	851.7	782.5	13.0	(S)	5.3
4 axles	10 008.7	1 769.2	3 500.4	4 653.8	68.4	16.9	2.3
5 axles or more	44 591.6	5 119.4	12 889.5	26 356.4	190.6	35.8	1.0
Truck-tractor with double trailers	2 653.7	145.4	771.9	1 716.0	(S)	(S)	6.1
5 axles	2 181.8	96.5	577.3	1 488.4	(S)	(S)	7.0
6 axles	304.2	12.7	112.7	178.8	(S)	(Z)	17.4
7 axles or more	167.6	36.2	81.9	48.8	(S)	(Z)	11.4
Truck-tractor with triple trailers	38.5	(S)	4.0	33.2	(Z)	(Z)	24.8
7 axles	34.7	(S)	2.9	31.0	(Z)	(Z)	27.1
8 axles or more	3.9	(S)	(S)	(S)	(Z)	(Z)	47.6
Trailer not specified	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(S)
Powered axles	529 315.3	350 883.5	108 276.4	56 016.8	13 466.9	671.8	.5
1	379 426.0	267 422.5	76 558.3	24 909.9	9 936.5	598.8	.8
2	148 979.8	83 074.2	31 536.2	30 819.3	3 498.5	51.5	1.3
3 or more	909.4	386.7	181.9	287.5	31.9	(S)	6.9
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
CAB TYPE[7]							
Cab forward of engine	1 243.0	572.6	403.7	224.1	42.6	(Z)	6.3
Cab over engine	32 020.3	5 339.0	8 234.2	18 215.7	195.7	35.6	1.3
Conventional cab	61 442.0	25 469.6	18 574.9	15 511.7	1 415.3	470.6	.8
Cab beside engine	494.7	313.1	104.4	48.0	(S)	(Z)	10.8
Other	1 382.6	841.5	421.4	85.4	30.6	(S)	6.6
Not reported	5 736.7	2 270.4	1 438.8	1 926.7	66.0	34.8	6.4

See footnotes at end of table.

Table 12. **Truck Miles by Range of Operation: 1987**—Con.

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

Vehicular and operational characteristics	Total	Range of operation					Relative standard error of estimate (percent) for total
		Local	Short-range	Long-range	Off-the-road	Not reported	
PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS							
Total	426 995.9	316 077.2	79 099.0	20 005.2	11 687.5	127.1	.7
Pickups	284 929.0	211 674.6	53 439.6	10 790.0	8 939.8	(S)	.8
Mini-vans	23 027.2	17 800.5	3 702.2	1 103.8	394.1	(S)	4.2
Panels or vans	61 035.5	43 312.6	11 404.6	5 367.9	945.2	(S)	2.5
Utilities	43 199.9	32 629.9	7 782.8	1 691.9	1 085.0	(S)	3.3
Station wagons	14 804.4	10 659.5	2 769.9	1 051.6	323.4	(Z)	5.4
Driving wheels	426 995.9	316 077.2	79 099.0	20 005.2	11 687.5	127.1	.7
4-wheel drive	96 241.2	72 364.9	16 719.6	4 246.5	2 899.9	(S)	2.0
2-wheel drive	330 754.7	243 712.3	62 379.4	15 758.7	8 787.6	116.8	.9
Front-wheel drive	16 633.2	11 489.3	3 750.1	806.0	564.8	(S)	5.5
Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Note: Some data cells may have high relative standard errors of estimate (RSE's). See appendix B for approximating the RSE's for the data cells. Some unpublished estimates can be derived from this table by subtracting published data from their respective totals. However, the figures obtained by such subtraction are subject to high sampling variability or poor response quality. These unpublished data are for internal use only. The U.S. data may vary from the sum of the State reports because of rounding.

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.
[2]Detail does not add to total because items were not applicable or multiple responses were possible.
[3]When no response was obtained, a fleet size of one truck was assumed.
[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.
[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.
[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.
[7]Pickups, panels, vans, and mini-vans are not included.

Table 13. Truck Miles by Truck Type and Axle Arrangement: 1987

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

	Vehicular and operational characteristics	Total	Truck type and axle arrangement						
			Single-unit trucks				Combinations		
								Single-unit truck with trailer	
		Total	Total	2 axles	3 axles	4 axles or more	Total	4 axles	5 axles or more
1	**Total trucks**	**529 315.3**	**462 035.2**	**454 822.5**	**5 946.0**	**1 266.7**	**67 280.1**	**519.6**	**956.5**
2	Relative standard error (percent)	.5	.6	.6	2.4	5.3	1.0	13.2	8.6
	MAJOR USE								
3	Agriculture	34 022.0	29 343.2	28 589.0	680.8	73.4	4 678.8	45.2	67.8
4	Forestry and lumbering	5 004.3	2 848.7	2 664.9	144.9	38.9	2 155.6	29.3	109.5
5	Mining and quarrying	3 353.5	2 471.1	2 101.7	290.1	79.2	882.4	(S)	59.8
6	Construction	63 689.2	59 341.7	56 583.9	2 244.3	513.5	4 347.4	93.9	197.9
7	Manufacturing	12 468.8	7 120.8	6 762.0	314.6	44.2	5 348.1	42.1	70.9
8	Wholesale trade	20 633.3	15 623.2	15 156.3	450.6	(S)	5 010.1	54.9	69.9
9	Retail trade	22 673.4	20 412.4	20 176.9	196.9	38.6	2 261.0	34.7	(S)
10	For-hire transportation	43 239.8	5 768.3	4 668.9	703.8	395.6	37 471.6	132.8	275.1
11	Utilities	5 829.4	5 485.5	5 351.3	129.3	(S)	343.9	39.8	5.3
12	Services	27 207.3	25 757.6	24 977.0	735.9	44.7	1 449.7	34.4	4.1
13	Daily rental	3 607.3	2 067.7	2 011.6	41.9	(S)	1 539.6	(S)	(S)
14	One way rental	545.4	507.2	497.9	(S)	(Z)	38.2	(Z)	(Z)
15	Personal transportation	286 955.7	285 211.5	285 205.4	2.8	(S)	1 744.2	(S)	(S)
16	Other	(S)	(S)	(S)	(S)	(Z)	(S)	(Z)	(Z)
17	Not in use	50.7	44.7	44.2	.5	(Z)	(S)	(Z)	(S)
18	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	BODY TYPE								
19	Pickup	284 929.0	281 790.2	281 790.2	(Z)	(Z)	3 138.7	(Z)	(Z)
20	Mini-van	23 027.2	23 027.2	23 027.2	(Z)	(Z)	(Z)	(Z)	(Z)
21	Panel or van	61 035.5	60 777.0	60 777.0	(Z)	(Z)	258.6	(Z)	(Z)
22	Utility	43 199.9	43 079.1	43 079.1	(Z)	(Z)	120.7	(Z)	(Z)
23	Station wagon	14 804.4	14 592.0	14 592.0	(Z)	(Z)	212.4	(Z)	(Z)
24	Multistop or walk-in	6 614.1	6 393.1	6 342.7	50.1	(S)	221.0	(S)	(S)
25	Platform with added devices	2 507.6	1 992.1	1 503.4	389.2	99.5	515.5	(S)	9.0
26	Low boy or depressed center	1 926.7	71.3	53.3	14.2	(S)	1 855.3	32.4	44.8
27	Basic platform	19 299.3	7 552.7	6 929.4	560.3	63.0	11 746.6	219.1	176.1
28	Livestock truck	1 226.0	219.3	200.1	14.8	(S)	1 006.7	16.6	(S)
29	Insulated nonrefrigerated van	1 341.9	224.0	205.8	18.2	(Z)	1 117.9	(S)	(S)
30	Insulated refrigerated van	8 783.1	1 530.7	1 312.2	213.9	(S)	7 252.4	(S)	(S)
31	Drop-frame van	2 466.6	455.2	446.0	8.4	(S)	2 011.4	(S)	8.6
32	Open-top van	546.1	52.5	35.9	15.6	(S)	493.6	(S)	15.0
33	Basic enclosed van	29 086.1	5 875.1	5 654.8	220.1	(S)	23 211.0	29.8	102.2
34	Beverage	941.6	636.8	626.2	(S)	(S)	304.8	(S)	(Z)
35	Public utility	1 117.0	965.7	900.2	(S)	(S)	151.3	14.1	(S)
36	Winch or crane	678.0	528.0	284.5	235.8	7.8	150.0	(S)	(S)
37	Wrecker	1 294.6	1 262.4	1 205.0	55.5	(S)	(S)	(S)	(S)
38	Pole or logging	1 576.0	203.3	95.7	76.7	30.9	1 372.7	20.0	100.1
39	Auto transport	863.0	64.8	64.3	(S)	(Z)	798.2	(Z)	(S)
40	Service truck	1 329.9	1 278.5	1 254.2	19.6	(S)	51.4	(Z)	(S)
41	Yard tractor	30.0	2.9	2.8	(Z)	(Z)	27.1	(S)	(Z)
42	Oilfield truck	316.2	246.2	169.3	68.8	(S)	70.0	(Z)	1.4
43	Grain body	1 974.6	750.3	501.9	218.7	29.7	1 224.3	(S)	17.0
44	Garbage hauler	1 025.1	956.2	298.8	624.0	33.5	68.9	(S)	(S)
45	Dump truck	8 888.3	4 743.4	1 874.0	2 139.1	730.3	4 144.9	50.0	242.2
46	Tank truck (liquids or gases)	5 937.5	1 730.9	1 340.3	340.3	50.3	4 206.6	(S)	123.4
47	Tank truck (dry bulk)	1 364.0	150.9	75.9	63.2	(S)	1 213.0	(Z)	10.1
48	Concrete mixer	778.1	739.5	42.3	526.3	170.9	38.6	(Z)	(Z)
49	Other	408.1	143.9	137.9	(S)	(Z)	264.2	28.4	(S)
50	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	ANNUAL MILES								
51	Less than 5,000	23 142.4	22 533.4	22 249.8	266.0	17.7	609.0	12.8	11.6
52	5,000 to 9,999	70 863.1	69 541.8	69 031.6	463.1	47.2	1 321.3	42.9	34.5
53	10,000 to 19,999	196 821.1	193 254.0	191 964.0	1 120.7	169.3	3 567.1	96.4	71.7
54	20,000 to 29,999	106 067.9	102 851.9	101 520.4	1 115.8	215.7	3 216.0	85.8	64.5
55	30,000 to 49,999	64 849.4	57 691.9	55 815.9	1 483.7	392.3	7 157.5	106.4	162.7
56	50,000 to 74,999	24 126.0	11 841.5	10 616.0	932.6	292.8	12 284.5	57.5	247.3
57	75,000 or more	43 445.3	4 320.6	3 624.8	564.1	131.8	39 124.7	117.8	364.2
	RANGE OF OPERATION								
58	Local	350 883.5	339 539.8	334 326.0	4 263.2	950.6	11 343.6	212.4	354.5
59	Short-range	108 276.4	88 147.4	86 722.1	1 168.6	256.8	20 129.0	196.9	322.9
60	Long-range	56 016.8	20 731.1	20 515.4	196.1	19.7	35 285.6	102.3	266.4
61	Off-the-road	13 466.9	13 005.7	12 648.1	318.0	39.6	461.1	8.0	12.6
62	Not reported	671.8	611.0	611.0	(S)	(Z)	60.7	(Z)	(Z)

See footnotes at end of table.

Truck type and axle arrangement—Con.													
Combinations—Con.													
Single-unit truck with utility trailer			Truck-tractor with single trailer			Truck-tractor with double trailers			Truck-tractor with triple trailers			Relative standard error of estimate (percent) for total	
3 axles	4 axles	5 axles or more	3 axles	4 axles	5 axles or more	5 axles	6 axles	7 axles or more	7 axles	8 axles or more	Trailer not specified		
2 227.0	**2 992.9**	**833.6**	**2 455.8**	**10 008.7**	**44 591.6**	**2 181.8**	**304.2**	**167.6**	**34.7**	**3.9**	**(S)**		1
12.9	10.4	7.4	5.3	2.3	1.0	7.0	17.4	11.4	27.1	47.6	(S)		2
521.8	796.7	75.6	77.2	595.0	2 378.4	76.9	18.5	23.1	(Z)	(S)	(S)	3.7	3
29.3	25.0	106.7	38.4	361.2	1 440.0	(S)	(S)	(S)	(Z)	(S)	(Z)	7.3	4
(S)	95.4	13.7	(S)	109.8	555.3	(S)	(S)	(S)	(Z)	(S)	(Z)	8.1	5
276.9	696.8	291.7	65.2	431.1	2 226.8	39.8	(S)	25.8	(S)	(S)	(Z)	2.7	6
(S)	23.3	32.9	274.1	1 192.4	3 562.4	29.1	37.5	(S)	(Z)	(Z)	(Z)	5.2	7
29.7	14.2	20.9	484.0	971.9	3 320.4	31.9	(S)	5.2	(S)	(Z)	(Z)	4.1	8
(S)	131.7	11.9	147.5	346.3	1 419.1	24.9	(Z)	(S)	(Z)	(Z)	(Z)	4.1	9
11.4	48.2	208.6	1 211.3	5 397.4	27 882.2	1 930.7	238.1	101.5	33.2	(S)	(Z)	1.4	10
104.9	68.4	23.3	(S)	28.9	67.3	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	8.2	11
297.5	183.7	(S)	(S)	210.5	569.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.9	12
(Z)	(S)	(S)	21.4	342.8	1 128.9	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	7.8	13
(Z)	(S)	(Z)	(Z)	14.4	23.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	9.7	14
797.3	903.1	(S)	(S)	(S)	10.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.9	15
(Z)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	16
(Z)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	28.7	17
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	18
1 521.5	1 572.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.8	19
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.2	20
(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.5	21
(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.3	22
(S)	204.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.4	23
(S)	(S)	(Z)	23.9	53.6	71.8	14.0	(Z)	(Z)	(Z)	(Z)	(Z)	5.3	24
19.7	38.8	39.7	16.0	56.6	315.2	(S)	(Z)	(S)	(Z)	(Z)	(Z)	3.8	25
18.7	73.0	31.9	25.2	340.2	1 271.2	10.3	(S)	(S)	(S)	(S)	(Z)	5.5	26
212.1	541.8	158.0	302.9	1 463.1	8 406.6	199.6	31.8	34.4	(Z)	(S)	(Z)	1.7	27
(S)	37.1	4.6	6.5	124.7	780.2	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	7.0	28
(S)	(Z)	(S)	21.6	139.3	931.8	(S)	(Z)	(Z)	(S)	(Z)	(Z)	6.8	29
(S)	(S)	(S)	190.3	724.9	6 259.5	(S)	(S)	2.9	(Z)	(Z)	(Z)	2.6	30
(S)	(S)	(S)	213.9	692.4	918.4	134.6	(S)	14.8	(S)	(Z)	(Z)	4.9	31
(Z)	(S)	.7	(S)	41.4	422.4	(S)	(S)	(S)	(Z)	(Z)	(Z)	8.6	32
30.2	26.6	22.9	1 295.7	4 690.8	15 266.9	1 479.5	216.7	17.3	32.3	(Z)	(Z)	1.5	33
(S)	(S)	(Z)	187.0	76.7	33.0	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	5.6	34
82.2	30.7	9.6	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.3	35
8.1	5.9	16.8	(S)	3.0	85.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	8.8	36
(S)	(S)	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	8.1	37
(S)	12.4	118.0	29.2	202.7	886.7	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	4.6	38
(S)	9.0	(S)	(S)	171.2	593.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	8.3	39
(S)	25.0	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.4	40
(S)	(S)	(Z)	(S)	12.0	10.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	17.4	41
(S)	(S)	(S)	(S)	8.5	43.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	12.7	42
(S)	16.7	4.4	7.0	129.5	929.7	77.7	22.6	17.5	(Z)	(Z)	(Z)	3.9	43
(Z)	(Z)	(Z)	(S)	(S)	56.5	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	6.4	44
43.9	164.8	225.6	51.7	475.0	2 766.0	76.5	(S)	43.8	(S)	(S)	(Z)	2.1	45
(S)	10.0	82.5	35.9	373.6	3 469.6	66.8	(S)	(S)	(Z)	(Z)	(Z)	2.9	46
(S)	(S)	(S)	(S)	91.7	981.4	88.4	(S)	16.2	(Z)	(Z)	(Z)	6.6	47
(Z)	(S)	19.2	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.3	48
(S)	(S)	(S)	10.7	127.3	76.6	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	15.2	49
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	50
135.0	219.7	26.0	26.3	71.2	104.8	(S)	(S)	(Z)	(Z)	(S)	(Z)	1.6	51
437.3	334.0	57.4	65.0	133.8	211.3	(S)	(S)	(S)	(Z)	(S)	(S)	1.3	52
761.9	1 061.0	148.9	305.2	407.2	691.2	18.6	1.8	(S)	(S)	(S)	(Z)	1.1	53
436.9	362.5	85.1	313.1	535.5	1 268.2	52.7	(S)	4.8	(S)	(S)	(Z)	2.2	54
336.6	601.0	131.7	425.4	1 392.2	3 703.9	188.1	87.4	19.4	(S)	(S)	(Z)	3.4	55
(S)	266.5	162.2	448.8	2 059.3	8 644.7	244.8	53.8	47.3	(S)	(S)	(Z)	4.6	56
(S)	(S)	222.2	872.0	5 409.5	29 967.5	1 674.6	153.8	93.4	31.3	(S)	(Z)	1.8	57
1 238.7	1 312.3	379.7	808.6	1 769.2	5 119.4	96.5	12.7	36.2	(S)	(S)	(S)	.8	58
557.7	709.0	325.0	851.7	3 500.4	12 889.5	577.3	112.7	81.9	2.9	(S)	(Z)	2.0	59
365.7	910.7	98.8	782.5	4 653.8	26 356.4	1 488.4	178.8	48.8	31.0	(S)	(Z)	2.0	60
65.0	60.9	30.1	13.0	68.4	190.6	(S)	(S)	(S)	(Z)	(Z)	(Z)	5.5	61
(Z)	(Z)	(Z)	(S)	16.9	35.8	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	11.5	62

Table 13. **Truck Miles by Truck Type and Axle Arrangement: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Truck type and axle arrangement						
			Single-unit trucks				Combinations		
								Single-unit truck with trailer	
			Total	2 axles	3 axles	4 axles or more	Total	4 axles	5 axles or more
	BASE OF OPERATION								
	Percentage of miles traveled outside base-of-operation State:								
1	Less than 25 percent	393 197.2	368 960.8	362 750.0	5 087.0	1 123.9	24 236.4	357.7	681.5
2	25 to 49 percent	28 037.5	21 888.7	21 617.7	220.4	50.7	6 148.8	(S)	58.2
3	50 to 74 percent	26 102.3	15 674.2	15 508.7	146.2	19.3	10 428.1	34.7	30.9
4	75 to 100 percent	39 073.0	17 679.6	17 490.2	171.3	18.1	21 393.4	23.3	113.4
5	Not reported	42 905.3	37 831.8	37 456.0	321.0	54.8	5 073.5	25.5	72.5
	VEHICLE SIZE								
6	Light	439 342.0	435 610.2	435 515.1	(S)	15.0	3 731.7	22.9	(S)
7	Medium	10 767.7	9 365.6	9 232.3	122.1	(S)	1 402.1	107.2	19.7
8	Light-heavy	7 581.3	6 329.7	5 987.2	325.8	16.7	1 251.6	123.8	34.7
9	Heavy-heavy	71 623.8	10 729.1	4 087.4	5 417.9	1 223.8	60 894.7	265.8	887.6
	AVERAGE WEIGHT (POUNDS)								
10	Less than 6,001	406 921.3	404 390.3	404 337.0	(S)	(S)	2 531.0	(S)	(S)
11	6,001 to 10,000	32 420.7	31 220.0	31 178.1	32.6	(S)	1 200.7	19.4	(S)
12	10,001 to 14,000	5 439.6	4 743.7	4 721.1	22.1	(S)	695.9	22.3	(S)
13	14,001 to 16,000	2 738.2	2 325.1	2 287.3	33.3	(S)	413.1	71.8	(S)
14	16,001 to 19,500	2 590.0	2 296.8	2 223.9	66.7	(S)	293.2	13.0	(S)
15	19,501 to 26,000	7 581.0	6 329.6	5 987.1	325.8	16.7	1 251.4	123.8	34.7
16	26,001 to 33,000	5 410.7	3 448.4	2 968.7	460.0	19.7	1 962.4	64.2	36.2
17	33,001 to 40,000	4 113.1	1 428.3	577.8	811.7	38.8	2 684.8	33.4	25.3
18	40,001 to 50,000	7 624.9	2 647.6	311.7	2 259.2	76.8	4 977.3	36.9	31.0
19	50,001 to 60,000	7 156.9	1 535.8	127.4	1 136.2	272.2	5 621.1	18.8	60.5
20	60,001 to 80,000	45 438.8	1 576.4	71.8	698.9	805.7	43 862.4	106.2	645.9
21	80,001 to 100,000	1 254.0	77.2	26.5	43.0	(S)	1 176.8	(S)	57.4
22	100,001 to 130,000	439.8	14.3	(S)	(S)	(S)	425.5	(Z)	16.8
23	130,001 or more	185.0	(S)	(S)	(Z)	(Z)	184.5	(Z)	14.5
24	Not reported	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)
	TOTAL LENGTH (FEET)								
25	Less than 13.0	41 064.0	41 062.6	41 043.0	(S)	(S)	1.4	(S)	(Z)
26	13.0 to 15.9	135 251.1	135 244.0	135 204.3	28.4	(S)	(S)	(S)	(S)
27	16.0 to 19.9	257 550.5	257 531.0	257 199.1	283.8	48.1	19.5	(S)	(Z)
28	20.0 to 27.9	20 213.7	19 616.0	16 500.2	2 586.8	529.1	597.7	(S)	(S)
29	28.0 to 35.9	10 211.9	8 074.4	4 706.5	2 799.5	568.5	2 137.5	73.6	40.6
30	36.0 to 40.9	4 277.7	393.5	105.6	190.2	97.7	3 884.2	52.9	54.6
31	41.0 to 44.9	1 204.3	54.1	28.4	(S)	(S)	1 150.2	18.5	23.2
32	45.0 or more	59 541.5	59.0	(S)	16.7	7.5	59 482.5	366.9	822.8
33	Not reported	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
	YEAR MODEL								
34	1988	688.4	603.1	597.1	(S)	(S)	85.4	(Z)	(Z)
35	1987	43 253.1	38 031.4	37 636.2	293.9	101.3	5 221.7	32.4	34.1
36	1986	79 690.9	72 253.9	71 783.8	373.8	96.3	7 437.0	50.2	58.5
37	1985	65 859.2	56 939.8	56 282.8	513.3	143.7	8 919.3	(S)	124.5
38	1984	54 613.5	46 551.3	46 121.5	349.3	80.6	8 062.2	37.5	48.4
39	1983	34 797.7	31 302.8	31 104.0	181.1	17.7	3 494.9	43.1	17.3
40	1982	29 340.7	26 084.0	25 834.5	218.3	31.2	3 256.7	15.8	30.3
41	1981	24 916.4	20 634.3	20 259.3	333.8	41.2	4 282.1	48.1	42.6
42	1980	22 756.6	18 314.0	17 823.9	394.3	95.7	4 442.6	19.3	90.6
43	1979	36 289.1	30 851.4	30 079.7	638.2	133.5	5 437.7	70.8	84.8
44	1978	30 917.0	26 830.3	26 271.0	430.9	128.3	4 086.8	17.3	40.1
45	Pre-1978	106 038.1	93 505.7	90 913.7	2 209.8	382.2	12 532.5	111.8	385.4
46	Not reported	154.4	(S)	(S)	7.7	(S)	21.2	(Z)	(Z)
	VEHICLE ACQUISITION								
47	Purchased new	292 290.7	255 365.1	251 698.4	2 971.9	694.9	36 925.6	310.0	464.6
48	Purchased used	215 230.7	192 869.5	189 650.6	2 709.1	509.8	22 361.3	179.2	463.6
49	Leased from someone else	17 354.0	10 036.5	9 802.8	189.9	43.8	7 317.5	(S)	20.4
50	Not reported	4 439.9	3 764.1	3 670.7	75.2	18.2	675.8	(S)	(S)

See footnotes at end of table.

Truck type and axle arrangement—Con.													
Combinations—Con.													
Single-unit truck with utility trailer			Truck-tractor with single trailer			Truck-tractor with double trailers			Truck-tractor with triple trailers			Relative standard error of estimate (percent) for total	
3 axles	4 axles	5 axles or more	3 axles	4 axles	5 axles or more	5 axles	6 axles	7 axles or more	7 axles	8 axles or more	Trailer not specified		
1 477.6	1 706.1	611.6	1 556.1	3 877.7	13 095.2	669.4	106.2	91.1	2.4	(S)	(S)	.7	1
(S)	242.7	22.1	102.9	1 003.6	4 320.1	151.6	(S)	33.5	(Z)	(Z)	(Z)	3.8	2
211.0	632.2	49.4	275.7	1 677.9	7 271.1	198.5	(S)	13.9	(S)	(S)	(Z)	3.4	3
232.6	316.7	93.9	370.2	2 408.7	16 857.4	802.6	119.0	23.1	31.0	(S)	(Z)	2.4	4
(S)	95.3	56.5	151.0	1 040.8	3 047.8	359.7	(S)	(S)	(S)	(Z)	(Z)	2.8	5
1 868.1	1 701.2	29.1	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.6	6
158.1	703.7	77.9	(S)	91.4	131.8	(Z)	(S)	(Z)	(Z)	(S)	(S)	3.2	7
109.3	228.6	65.7	169.1	292.4	217.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	2.3	8
91.5	359.4	661.0	2 169.2	9 561.7	44 218.7	2 171.3	303.8	167.6	34.7	(S)	(Z)	.7	9
1 179.9	1 303.4	(S)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.7	10
688.2	397.8	10.3	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.5	11
85.6	446.5	6.0	(S)	26.1	18.2	(Z)	(S)	(Z)	(Z)	(Z)	(S)	4.9	12
(S)	165.0	17.1	13.3	45.0	48.7	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	6.9	13
26.9	92.1	(S)	11.8	20.5	64.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.6	14
109.3	228.6	65.7	168.9	292.4	217.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	2.3	15
42.2	136.9	65.1	407.2	598.0	602.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	2.9	16
24.8	63.8	43.5	541.4	1 016.9	919.2	(S)	(S)	(S)	(S)	(Z)	(Z)	3.1	17
11.6	18.6	68.1	410.1	1 758.9	2 589.2	42.6	(S)	(S)	(Z)	(Z)	(Z)	2.4	18
(S)	41.0	61.2	275.4	1 230.0	3 683.4	231.6	(S)	(S)	(S)	(Z)	(Z)	2.7	19
(S)	91.4	378.9	509.8	4 817.0	35 175.9	1 847.5	258.8	27.0	(S)	(S)	(Z)	1.0	20
(S)	4.5	30.5	(S)	123.8	860.5	15.2	23.7	28.0	(S)	(Z)	(Z)	4.8	21
(Z)	(S)	(S)	(Z)	11.3	292.9	(S)	(S)	43.3	32.0	(S)	(Z)	8.1	22
(Z)	(Z)	(S)	(Z)	(S)	94.8	(Z)	(S)	61.9	(Z)	(Z)	(Z)	14.2	23
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	24
(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.4	25
(S)	(Z)	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.7	26
4.9	(S)	(S)	(Z)	(S)	7.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.1	27
267.2	262.5	15.8	(S)	(S)	19.5	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	1.5	28
451.3	766.9	137.4	203.8	265.4	191.6	6.9	(Z)	(Z)	(Z)	(Z)	(Z)	3.3	29
1 166.5	1 182.2	151.3	322.4	225.6	716.5	(S)	(Z)	(S)	(Z)	(Z)	(S)	7.9	30
(S)	376.2	28.3	116.2	188.5	305.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	11.2	31
243.3	400.2	498.3	1 812.5	9 314.3	43 349.9	2 167.3	304.2	164.4	34.7	3.9	(Z)	.8	32
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	33
(Z)	(Z)	(Z)	(S)	10.0	68.8	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	14.3	34
213.4	319.3	38.6	148.6	591.5	3 623.0	191.1	(S)	17.7	8.5	(S)	(Z)	3.2	35
219.0	270.0	83.6	214.4	831.2	5 403.9	272.3	(S)	10.5	(S)	(Z)	(Z)	2.5	36
98.5	201.7	70.0	330.3	1 470.0	6 022.7	418.0	89.6	10.9	(S)	(S)	(Z)	2.5	37
419.0	217.2	17.8	307.0	1 187.2	5 367.9	401.1	(S)	19.9	16.0	(S)	(Z)	2.6	38
42.2	198.0	34.5	156.8	520.1	2 424.8	(S)	(S)	(S)	(Z)	(Z)	(Z)	3.5	39
129.4	188.3	(S)	123.3	436.1	2 220.9	66.8	(S)	10.8	(Z)	(Z)	(Z)	3.9	40
107.3	163.4	48.0	143.3	639.9	2 945.1	110.1	(S)	15.9	(Z)	(Z)	(Z)	3.8	41
(S)	118.0	59.2	166.4	629.8	3 140.0	40.8	56.5	13.0	(S)	(Z)	(Z)	3.5	42
129.2	299.6	66.4	198.4	858.9	3 537.5	148.7	16.0	27.1	(S)	(Z)	(Z)	2.8	43
125.2	175.0	65.8	180.4	712.6	2 688.9	60.7	(S)	(S)	(Z)	(Z)	(Z)	3.4	44
634.8	842.2	328.5	486.4	2 121.0	7 128.2	423.4	40.1	26.7	(S)	(S)	(S)	1.5	45
(Z)	(S)	(Z)	(S)	(S)	20.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	49.8	46
1 156.8	1 407.2	371.5	1 636.5	5 622.3	23 821.9	1 782.8	225.8	88.9	33.8	(S)	(Z)	1.0	47
1 044.9	1 464.6	438.8	683.5	3 500.4	14 123.8	331.6	65.9	62.1	(S)	(S)	(S)	1.1	48
13.2	(S)	17.2	117.4	737.1	6 194.2	48.6	12.6	16.7	(S)	(Z)	(Z)	4.5	49
(S)	(S)	(S)	(S)	148.9	451.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	7.8	50

Table 13. **Truck Miles by Truck Type and Axle Arrangement: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Truck type and axle arrangement						
			Single-unit trucks				Combinations		
								Single-unit truck with trailer	
			Total	2 axles	3 axles	4 axles or more	Total	4 axles	5 axles or more
	LEASE CHARACTERISTICS[1 2]								
1	Leased without driver	23 062.1	13 829.9	13 398.6	327.0	104.4	9 232.2	25.1	82.7
2	Leased with driver	4 302.1	1 207.6	950.6	172.0	85.0	3 094.5	(S)	39.3
3	Leased with owner-operator	7 794.2	2 592.7	2 416.7	122.0	54.0	5 201.5	(S)	20.2
4	Not reported	861.6	586.8	566.0	18.6	(S)	274.8	(S)	(S)
	Provisions of lease:								
5	Financing	10 206.1	7 355.1	7 199.6	130.1	25.5	2 851.0	(S)	19.9
6	Full maintenance	7 561.2	2 438.9	2 288.2	104.9	45.8	5 122.2	(S)	(S)
7	Maintenance on specific parts	1 334.9	946.7	915.5	19.5	(S)	388.2	(Z)	(S)
8	Payment of taxes	6 955.0	2 617.6	2 494.4	90.0	33.2	4 337.4	(S)	14.3
9	Obtaining licenses and permits	9 924.5	2 248.5	2 077.5	127.1	43.9	7 676.0	(S)	51.3
10	Record keeping for leased trucks	5 756.7	1 155.5	1 035.6	80.1	39.8	4 601.2	(S)	(S)
11	Other	1 504.3	533.7	496.2	24.3	13.2	970.6	(S)	(S)
	OPERATOR CLASSIFICATION								
12	Not for hire	482 013.7	453 814.0	447 763.3	5 192.6	858.1	28 199.7	380.7	655.5
13	Business use	188 046.1	161 650.5	155 606.7	5 188.9	854.9	26 395.7	374.4	645.4
14	Personal transportation	286 834.2	285 091.0	285 085.7	(S)	(S)	1 743.2	(S)	(S)
15	Mixed-business use/personal transportation	7 133.4	7 072.6	7 070.9	(S)	(Z)	60.8	(S)	(S)
16	For hire	43 124.8	5 705.1	4 607.0	703.8	394.3	37 419.7	132.8	274.6
17	Motor carrier	30 655.1	3 814.0	3 285.1	367.5	161.4	26 841.1	(S)	146.0
18	Owner/operator	12 413.1	1 886.1	1 317.1	336.3	232.7	10 527.1	42.9	128.6
19	Independent	5 944.9	1 620.7	1 127.7	303.6	189.3	4 324.3	26.6	81.4
20	Leased to a company	6 468.2	265.4	189.3	32.7	43.4	6 202.8	(S)	47.2
21	Not reported	56.5	5.0	4.8	(Z)	(S)	51.5	(Z)	(Z)
22	Daily rental	3 621.9	2 067.0	2 010.8	42.0	(S)	1 554.8	(S)	(S)
23	Mixed-not for hire/for hire	102.1	(S)	(S)	(S)	(Z)	94.7	(Z)	(S)
	For-hire jurisdiction:								
24	Interstate	28 891.7	987.3	871.1	75.4	40.8	27 904.4	(S)	136.6
25	Intrastate	9 396.0	1 933.2	1 543.6	237.4	152.2	7 462.8	31.2	84.6
26	Local	4 807.0	2 777.5	2 185.2	391.0	201.4	2 029.5	(S)	52.6
27	Not reported	30.0	(S)	(S)	(Z)	(Z)	23.0	(Z)	(S)
	Type of carrier (interstate only):								
28	Contract	6 295.3	167.7	133.2	21.1	13.4	6 127.7	(S)	(S)
29	Common	20 149.8	722.4	670.2	32.4	19.8	19 427.4	(S)	35.2
30	Exempt	1 539.2	54.9	33.1	14.2	(S)	1 484.3	(S)	61.3
31	Not reported	907.4	42.4	34.7	(S)	(Z)	865.0	(S)	(S)
	PRODUCTS CARRIED								
32	Farm products	16 210.4	10 666.8	9 978.1	618.8	69.8	5 543.7	6.7	71.7
33	Live animals	7 213.6	5 142.8	5 070.2	67.1	(S)	2 070.8	22.7	55.7
34	Mining products	1 574.9	570.0	252.6	178.5	138.8	1 004.9	(S)	17.9
35	Logs and other forest products	3 295.7	978.6	820.6	118.8	39.2	2 317.1	23.4	117.6
36	Lumber and fabricated wood products	6 684.8	4 537.5	4 409.4	118.7	(S)	2 147.3	55.3	43.3
37	Processed foods	16 322.5	7 407.8	7 113.8	267.3	26.6	8 914.8	42.1	36.3
38	Textile mill products	4 329.9	3 284.5	3 279.3	(S)	(S)	1 045.5	(S)	(S)
39	Building materials	18 599.5	12 750.0	9 380.5	2 544.9	824.6	5 849.4	75.9	250.2
40	Household goods	2 873.8	1 526.5	1 515.0	(S)	(Z)	1 347.3	(S)	(Z)
41	Furniture or hardware	3 353.2	2 166.2	2 158.1	(S)	(Z)	1 187.0	(S)	(S)
42	Paper products	4 900.9	2 892.6	2 864.6	25.6	(S)	2 008.3	(S)	(S)
43	Chemicals	6 676.1	4 699.5	4 611.1	80.3	(S)	1 976.6	(S)	(S)
44	Petroleum	5 078.0	2 426.8	2 136.1	257.6	33.1	2 651.2	(S)	118.5
45	Plastics and/or rubber	2 313.0	1 185.2	1 169.6	15.6	(Z)	1 127.8	(S)	(S)
46	Primary metal products	4 348.1	1 678.9	1 629.4	44.3	(S)	2 669.2	12.5	14.8
47	Fabricated metal products	5 543.0	3 741.9	3 670.6	71.3	(Z)	1 801.1	16.3	(S)
48	Machinery	6 298.3	4 188.9	4 080.0	102.7	(S)	2 109.4	(S)	36.4
49	Transportation equipment	6 994.6	4 926.0	4 847.6	71.1	(S)	2 068.6	(S)	34.7
50	Glass products	1 040.0	717.1	714.2	(S)	(Z)	322.9	(S)	(S)
51	Miscellaneous products of manufacturing	6 183.2	5 153.3	5 120.5	32.8	(Z)	1 030.0	(S)	(S)
52	Industrial water	337.2	204.1	122.1	74.9	(S)	133.1	(S)	(S)
53	Scrap, refuse, or garbage	3 104.9	2 490.7	1 488.9	945.3	56.5	614.2	(S)	15.7
54	Hazardous waste	351.3	(S)	(S)	(S)	(S)	266.1	(Z)	(S)
55	Mixed cargoes	21 077.0	7 924.7	7 855.6	67.5	(S)	13 152.3	17.6	25.3
56	Craftsman's equipment	34 490.2	33 857.6	33 750.4	101.6	(S)	632.6	31.3	12.8
57	Personal transportation	286 920.5	285 176.3	285 170.2	2.8	(S)	1 744.2	(S)	(S)
58	No load carried	48 298.2	47 385.3	47 279.3	92.4	13.6	912.9	19.6	4.4
59	Not in use	111.6	105.8	105.3	.5	(Z)	(S)	(Z)	(S)
60	Other	4 790.5	4 164.8	4 150.3	14.2	(S)	625.8	(Z)	15.4
61	Not reported	(S)	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)

See footnotes at end of table.

Truck type and axle arrangement—Con.													
Combinations—Con.													
Single-unit truck with utility trailer			Truck-tractor with single trailer			Truck-tractor with double trailers			Truck-tractor with triple trailers			Relative standard error of estimate (percent) for total	
3 axles	4 axles	5 axles or more	3 axles	4 axles	5 axles or more	5 axles	6 axles	7 axles or more	7 axles	8 axles or more	Trailer not specified		
(S)	39.1	27.9	240.9	1 494.4	7 144.7	70.7	7.7	17.0	(S)	(Z)	(Z)	3.8	1
(S)	8.2	8.6	18.2	312.7	2 585.5	(S)	(S)	18.4	(S)	(S)	(Z)	6.2	2
(S)	(S)	16.4	66.7	585.5	4 343.3	(S)	(S)	9.0	(Z)	(Z)	(Z)	4.7	3
(S)	(S)	(S)	(S)	53.0	204.1	(S)	(S)	(Z)	(Z)	(Z)	(Z)	12.8	4
(S)	(S)	(S)	75.4	325.5	2 265.4	(S)	(S)	4.2	(S)	(Z)	(Z)	7.0	5
(S)	(S)	10.7	116.5	818.5	3 957.4	59.8	(S)	(S)	(Z)	(Z)	(Z)	4.1	6
(Z)	(S)	(S)	(S)	42.7	329.1	(S)	(S)	(S)	(Z)	(Z)	(Z)	14.6	7
(S)	(S)	(S)	67.6	619.4	3 420.0	68.5	(S)	8.6	(Z)	(Z)	(Z)	5.7	8
(S)	(S)	13.2	125.2	1 031.0	6 271.8	56.4	(S)	12.3	(Z)	(Z)	(Z)	3.1	9
(S)	(S)	10.0	60.7	665.9	3 651.0	52.1	(S)	(S)	(Z)	(Z)	(Z)	3.9	10
(Z)	(S)	(Z)	(S)	102.8	803.8	(S)	(Z)	(S)	(Z)	(Z)	(Z)	8.2	11
2 215.6	2 938.5	624.2	1 219.3	4 281.0	15 507.0	239.1	66.1	66.1	(S)	(S)	(S)	.6	12
1 402.4	1 997.8	608.4	1 217.3	4 275.5	15 496.7	239.1	66.1	66.1	(S)	(S)	(S)	1.4	13
797.3	903.0	(S)	(S)	(S)	9.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.9	14
(S)	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	8.8	15
11.4	48.2	208.6	1 214.8	5 369.1	27 855.7	1 930.7	238.1	101.5	33.2	(S)	(Z)	1.4	16
(S)	20.2	121.6	1 066.9	4 030.3	19 248.8	1 818.6	195.2	66.7	29.0	(S)	(Z)	1.7	17
(S)	28.0	83.7	144.2	1 335.9	8 569.5	112.0	(S)	30.6	(S)	(Z)	(Z)	2.5	18
(S)	23.9	62.9	83.8	663.9	3 283.4	63.7	(S)	18.9	(S)	(Z)	(Z)	4.1	19
(S)	(S)	20.8	60.5	672.1	5 286.1	48.3	(S)	11.7	(S)	(Z)	(Z)	3.2	20
(Z)	(Z)	(S)	(S)	(S)	37.3	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	20.8	21
(Z)	(S)	(S)	21.4	353.5	1 133.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	7.7	22
(Z)	(Z)	(S)	(Z)	5.0	89.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	22.2	23
(S)	20.3	66.9	698.3	3 728.9	21 340.1	1 535.7	201.0	53.1	31.6	(S)	(Z)	1.6	24
(Z)	17.7	123.6	211.7	1 120.5	5 437.4	349.4	36.4	47.6	(S)	(S)	(Z)	3.3	25
(S)	(S)	18.1	301.3	516.7	1 062.6	45.5	(S)	(S)	(Z)	(Z)	(Z)	5.5	26
(Z)	(Z)	(Z)	(S)	(S)	15.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	34.9	27
(S)	(S)	24.3	47.6	653.0	5 200.4	106.6	(S)	(S)	(Z)	(Z)	(Z)	3.5	28
(S)	9.4	31.8	624.7	2 771.2	14 232.6	1 415.4	170.9	39.6	31.6	(S)	(Z)	2.0	29
(S)	(S)	(Z)	(Z)	182.9	1 222.8	(S)	(S)	(S)	(Z)	(Z)	(Z)	6.9	30
(Z)	(Z)	(S)	(S)	121.9	684.3	(S)	(Z)	(S)	(Z)	(Z)	(Z)	8.9	31
(S)	219.2	57.1	86.2	660.5	4 103.8	170.7	27.5	34.7	(Z)	(Z)	(Z)	4.7	32
176.1	411.8	10.7	9.0	187.0	1 185.8	(S)	(Z)	(S)	(Z)	(Z)	(S)	7.2	33
(Z)	(S)	11.5	(S)	97.4	797.0	(S)	(Z)	8.3	(Z)	(S)	(Z)	6.9	34
50.5	24.2	144.3	44.8	300.4	1 595.5	(S)	(S)	6.7	(Z)	(Z)	(Z)	4.5	35
9.8	42.2	33.0	48.7	407.6	1 480.8	16.6	(Z)	9.4	(Z)	(S)	(Z)	7.9	36
(S)	14.1	27.3	494.7	1 152.5	6 958.9	60.6	(S)	7.8	(S)	(Z)	(Z)	2.7	37
(Z)	(S)	(S)	40.5	214.8	759.0	(S)	(S)	(Z)	(Z)	(Z)	(Z)	10.3	38
159.6	237.6	292.7	57.8	575.0	3 999.6	149.2	(S)	36.1	(S)	(S)	(Z)	3.3	39
(S)	(S)	(Z)	42.2	431.9	858.7	6.7	(Z)	(Z)	(S)	(Z)	(Z)	4.6	40
(S)	(S)	(S)	187.7	349.8	605.5	(S)	(S)	(S)	(Z)	(Z)	(Z)	6.6	41
(S)	(S)	(S)	66.7	301.6	1 559.7	(S)	(S)	(S)	(Z)	(Z)	(Z)	8.2	42
35.6	(S)	(S)	33.4	247.6	1 584.9	(S)	(S)	5.0	(Z)	(Z)	(Z)	6.9	43
(S)	8.5	47.2	28.1	217.3	2 137.0	(S)	(S)	(S)	(Z)	(Z)	(Z)	4.2	44
(S)	(S)	(S)	23.3	118.9	846.4	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	12.1	45
(S)	13.2	11.3	12.6	244.1	2 334.9	(S)	(Z)	(S)	(Z)	(Z)	(Z)	7.3	46
(S)	(S)	5.7	44.9	272.3	1 321.7	(S)	(Z)	(S)	(Z)	(Z)	(Z)	8.0	47
44.7	201.8	49.5	49.4	240.4	1 401.7	(Z)	(S)	(S)	(S)	(S)	(Z)	5.9	48
(S)	71.8	12.8	(S)	470.4	1 255.5	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	6.5	49
(S)	(Z)	(Z)	(S)	55.2	237.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	14.5	50
(S)	(S)	(Z)	25.1	219.4	683.8	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	10.9	51
(Z)	(S)	(S)	(S)	9.7	104.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	10.2	52
(S)	(S)	17.8	(S)	32.8	404.2	(Z)	(S)	(S)	(Z)	(Z)	(Z)	5.8	53
(S)	(Z)	(S)	(Z)	35.6	210.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	20.1	54
10.3	(S)	21.8	972.2	2 941.8	7 247.4	1 609.7	192.7	20.8	32.2	(S)	(Z)	2.9	55
210.0	227.5	13.0	(S)	16.5	114.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.0	56
797.3	903.1	(S)	(S)	(S)	10.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.9	57
(S)	200.1	(S)	17.1	120.0	314.9	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	3.2	58
(Z)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	32.6	59
(S)	(S)	(Z)	15.0	81.6	472.7	(S)	(S)	(S)	(Z)	(Z)	(Z)	12.9	60
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	61

Table 13. **Truck Miles by Truck Type and Axle Arrangement: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Truck type and axle arrangement						
			Single-unit trucks				Combinations		
								Single-unit truck with trailer	
			Total	2 axles	3 axles	4 axles or more	Total	4 axles	5 axles or more
	HAZARDOUS MATERIALS CARRIED								
1	Hazardous materials carried	14 523.1	2 709.4	2 512.0	185.9	11.5	11 813.7	(S)	117.5
2	Less than 10 percent of time	7 220.4	483.1	451.7	31.1	(S)	6 737.3	(S)	(S)
3	10 to 25 percent of time	1 244.2	(S)	(S)	(S)	(S)	1 001.2	(S)	(S)
4	26 to 49 percent of the time	652.2	113.6	74.0	39.2	(S)	538.6	(Z)	(S)
5	50 to 74 percent of the time	974.3	184.3	174.5	8.7	(S)	790.1	(S)	(S)
6	75 to 100 percent of the time	2 771.5	937.1	840.8	92.4	(S)	1 834.5	(S)	(S)
7	No percent reported	1 660.4	748.3	734.7	8.0	(S)	912.1	(Z)	(S)
	Types of hazardous materials[2]:								
8	Flammable liquids	9 287.0	1 324.3	1 198.0	121.3	5.0	7 962.6	(S)	68.2
9	Combustible liquids	5 812.3	430.4	366.9	60.1	(S)	5 382.0	(S)	55.9
10	Corrosive liquids	4 591.6	253.6	223.7	26.3	(S)	4 338.1	(S)	(S)
11	Poison B solids	2 437.9	43.2	37.8	(S)	(Z)	2 394.7	(Z)	(S)
12	Poison B liquids	2 346.3	38.3	38.3	(Z)	(Z)	2 307.9	(Z)	(Z)
13	Flammable solids	2 324.3	37.8	37.8	(Z)	(Z)	2 286.4	(Z)	(S)
14	Oxidizers	2 316.6	29.2	29.2	(Z)	(Z)	2 287.5	(Z)	(Z)
15	Flammable gas	2 173.3	30.0	29.6	(S)	(Z)	2 143.3	(Z)	(Z)
16	Nonflammable gas	2 168.5	29.3	29.3	(Z)	(Z)	2 139.2	(Z)	(Z)
17	Poison A	1 844.0	17.8	17.8	(Z)	(Z)	1 826.2	(Z)	(Z)
18	Corrosive solids	1 906.5	17.8	17.8	(Z)	(Z)	1 888.7	(Z)	(S)
19	Explosives, A or B	321.3	(S)	(S)	(S)	(Z)	298.1	(Z)	(Z)
20	Blasting agents	60.1	(S)	(S)	(S)	(S)	55.4	(Z)	(Z)
21	Radioactive materials	69.9	(S)	(S)	(S)	(Z)	54.4	(Z)	(Z)
22	ORM-A, B, or C	128.4	(S)	(S)	(Z)	(Z)	112.8	(Z)	(Z)
23	ORM E	148.9	(S)	(S)	(Z)	(Z)	130.2	(Z)	(S)
24	Hazardous materials not listed	16.1	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)
25	Not reported	5 128.0	1 357.4	1 288.4	62.7	(S)	3 770.6	(S)	(S)
26	No hazardous materials carried	501 460.0	449 482.3	442 734.2	5 531.3	1 216.9	51 977.7	420.3	780.6
27	Not reported	13 332.2	9 843.5	9 576.3	228.8	38.4	3 488.7	29.8	58.4
	TRUCK FLEET SIZE[3]								
28	1	308 699.4	294 607.6	293 550.8	904.1	152.7	14 091.8	116.8	189.3
29	2 to 5	122 944.4	114 407.2	112 619.5	1 498.0	289.7	8 537.2	171.8	229.1
30	6 to 19	40 121.6	29 368.2	27 363.8	1 656.2	348.1	10 753.5	110.5	244.3
31	20 or more	57 549.8	23 652.2	21 288.4	1 887.6	476.2	33 897.7	120.5	293.9
	MILES PER GALLON								
32	Less than 5	20 509.9	3 652.5	1 577.8	1 609.8	464.9	16 857.5	82.8	364.6
33	5 to 6.9	52 726.2	11 411.8	7 658.1	3 049.3	704.5	41 314.4	245.2	514.4
34	7 to 8.9	25 367.8	22 036.0	21 104.7	891.3	40.0	3 331.8	73.6	42.2
35	9 to 11.9	78 482.0	74 414.1	74 045.2	322.2	46.7	4 067.9	90.8	26.9
36	12 to 14.9	105 379.3	104 300.3	104 269.3	22.7	(S)	1 079.0	(S)	(S)
37	15 to 19.9	126 944.8	126 495.3	126 486.9	6.0	(S)	449.5	(S)	(S)
38	20 or more	119 873.6	119 696.0	119 651.4	(S)	(Z)	177.6	(Z)	(Z)
39	Not reported	(S)	(S)	(S)	(S)	(Z)	(S)	(Z)	(Z)
	EQUIPMENT TYPE[4]								
40	Braking system	102 319.4	38 769.6	31 556.9	5 946.0	1 266.7	63 549.8	519.6	956.5
41	Hydraulic	12 039.2	10 511.9	10 219.5	255.0	37.4	1 527.3	138.1	36.1
42	Hydraulic (power)	15 492.9	13 554.9	13 169.6	356.1	29.1	1 938.0	139.6	49.0
43	Air	68 118.9	10 817.2	4 601.6	5 044.1	1 171.5	57 301.7	217.0	842.1
44	Not reported	6 668.4	3 885.6	3 566.2	290.8	28.7	2 782.8	25.0	29.3
45	Power steering[2]	259 245.5	254 487.2	254 441.8	39.2	6.2	4 758.3	(S)	(S)
46	Air conditioning[2]	178 771.8	174 643.9	174 631.4	12.3	(S)	4 127.9	(S)	(S)
47	Engine retarder[2]	717.2	30.9	15.3	14.3	1.3	686.3	(Z)	(S)
48	Reflective materials[2]	5 965.2	666.4	643.0	16.4	7.0	5 298.8	(S)	7.1
49	Electronic vehicle management system[2]	326.5	9.5	(S)	(S)	(S)	317.0	(Z)	(S)
50	Electronic vehicle identification device (transponder, etc.)[2]	97.2	(S)	(S)	(Z)	(Z)	94.9	(Z)	(S)
51	Trip recorders[2]	190.5	8.4	(S)	(S)	(S)	182.2	(Z)	(S)
52	Navigational systems[2]	27.6	(S)	(S)	(Z)	(Z)	24.6	(Z)	(Z)
	FUEL CONSERVATION EQUIPMENT[2 4]								
53	Aerodynamic features	21 336.0	2 395.0	2 241.9	120.0	33.1	18 941.0	18.5	33.5
54	Axle or drive ratio	15 505.0	1 298.0	1 218.5	58.9	20.7	14 206.9	(S)	28.4
55	Fuel economy engine	14 071.7	922.5	862.4	44.1	16.1	13 149.2	(S)	22.7
56	Radial tires	322 416.6	313 809.5	313 763.4	37.6	8.5	8 607.1	(S)	12.4
57	Road speed governor	3 209.8	114.2	84.5	24.0	(S)	3 095.7	(Z)	(S)
58	Variable fan drives	3 190.3	78.4	58.7	14.2	5.5	3 111.9	(Z)	9.8
59	Other fuel conservation devices	1 806.4	33.7	27.9	(S)	(S)	1 772.8	(Z)	(S)

See footnotes at end of table.

Truck type and axle arrangement—Con.													
Combinations—Con.													
Single-unit truck with utility trailer			Truck-tractor with single trailer			Truck-tractor with double trailers			Truck-tractor with triple trailers			Relative standard error of estimate (percent) for total	
3 axles	4 axles	5 axles or more	3 axles	4 axles	5 axles or more	5 axles	6 axles	7 axles or more	7 axles	8 axles or more	Trailer not specified		
35.6	13.6	75.5	505.9	1 754.3	8 007.8	1 036.4	148.5	17.4	31.6	(Z)	(Z)	2.6	1
(S)	(S)	(S)	392.8	1 140.2	4 132.1	883.5	132.6	(S)	(Z)	(Z)	(Z)	3.5	2
(S)	(S)	(S)	50.7	163.3	615.3	71.9	(S)	3.9	31.0	(Z)	(Z)	13.1	3
(S)	(Z)	(S)	(S)	112.4	361.7	(S)	(Z)	(Z)	(S)	(Z)	(Z)	9.4	4
(S)	(S)	(S)	(S)	93.6	645.4	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	7.6	5
4.6	(S)	(S)	11.5	153.9	1 558.6	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	4.7	6
(S)	(S)	(S)	19.7	90.8	694.7	75.6	(S)	(S)	(S)	(Z)	(Z)	10.7	7
8.7	(S)	61.1	421.4	1 256.8	5 252.1	711.7	119.3	6.5	31.3	(Z)	(Z)	3.1	8
(S)	(S)	48.9	307.1	904.4	3 271.5	663.0	(S)	(S)	31.3	(Z)	(Z)	3.7	9
(S)	(S)	(S)	290.2	761.4	2 476.0	663.0	74.1	(S)	31.3	(Z)	(Z)	4.3	10
(Z)	(S)	(S)	201.5	545.4	931.3	638.9	(S)	(S)	31.0	(Z)	(Z)	6.2	11
(Z)	(S)	(S)	179.3	543.0	877.9	638.9	(S)	(S)	31.0	(Z)	(Z)	6.4	12
(Z)	(S)	(S)	175.8	530.6	863.1	636.6	(S)	(S)	31.0	(Z)	(Z)	6.4	13
(Z)	(S)	(S)	174.5	530.6	878.8	636.6	(S)	(S)	31.0	(Z)	(Z)	6.4	14
(S)	(S)	(S)	173.9	520.6	750.4	632.5	(S)	(S)	31.0	(Z)	(Z)	6.7	15
(S)	(S)	(S)	173.9	518.0	747.8	632.5	(S)	(S)	31.0	(Z)	(Z)	6.7	16
(Z)	(Z)	(S)	149.0	468.0	540.3	612.1	(S)	(S)	31.0	(Z)	(Z)	7.4	17
(Z)	(Z)	(S)	148.2	439.8	622.9	612.1	(S)	(S)	31.0	(Z)	(Z)	7.3	18
(Z)	(Z)	(S)	87.2	8.0	178.7	24.1	(Z)	(Z)	(Z)	(Z)	(Z)	15.8	19
(Z)	(Z)	(S)	6.1	(S)	(S)	24.1	(Z)	(Z)	(Z)	(Z)	(Z)	25.7	20
(Z)	(Z)	(S)	6.4	(S)	17.8	24.1	(Z)	(Z)	(Z)	(Z)	(Z)	25.9	21
(Z)	(Z)	(S)	6.1	15.8	(S)	49.6	(Z)	(Z)	(Z)	(Z)	(Z)	26.9	22
(Z)	(Z)	(S)	5.6	15.8	(S)	49.6	(Z)	(Z)	(Z)	(Z)	(Z)	25.5	23
(Z)	(Z)	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	43.7	24
(S)	(S)	14.4	84.4	497.5	2 689.6	324.7	(S)	10.9	(S)	(Z)	(Z)	4.9	25
2 150.6	2 845.7	724.3	1 729.7	7 521.9	34 463.7	1 041.3	145.5	145.4	2.8	3.7	(S)	.6	26
40.8	133.6	33.8	220.3	732.5	2 120.2	104.1	(S)	(S)	(S)	(S)	(Z)	4.3	27
1 285.6	1 432.1	242.7	429.3	2 284.8	7 230.6	781.7	82.5	16.1	(S)	(S)	(Z)	.9	28
540.2	931.4	206.6	197.7	1 097.0	4 979.2	110.5	(S)	18.5	(Z)	(S)	(S)	1.7	29
191.2	361.6	206.7	446.4	1 693.4	7 280.1	175.4	13.4	29.5	(S)	(S)	(Z)	2.9	30
210.0	267.8	177.7	1 382.4	4 933.5	25 101.7	1 114.2	156.6	103.5	34.2	(S)	(Z)	1.9	31
42.9	110.4	249.8	288.8	1 920.6	13 324.9	246.3	70.9	121.9	31.3	(S)	(Z)	1.6	32
157.5	444.4	381.8	1 628.6	6 874.5	28 926.7	1 893.6	204.5	40.4	2.6	(S)	(Z)	1.0	33
377.6	831.4	56.9	397.4	695.9	845.9	(Z)	(S)	(S)	(Z)	(Z)	(Z)	3.6	34
600.3	1 073.2	108.5	138.6	477.4	1 483.9	42.0	(S)	(S)	(S)	(Z)	(S)	2.0	35
571.5	408.8	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	1.8	36
339.5	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.8	37
137.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.9	38
(Z)	(S)	(Z)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	39
488.3	1 045.9	791.2	2 455.8	10 008.7	44 591.6	2 181.8	304.2	167.6	34.7	3.9	(Z)	.6	40
226.5	245.3	68.9	54.4	363.6	382.6	(S)	(Z)	(S)	(Z)	(Z)	(Z)	2.0	41
157.8	443.2	80.0	92.6	248.0	556.8	106.9	63.8	(S)	(Z)	(Z)	(Z)	1.7	42
83.3	222.9	634.7	2 123.5	8 927.4	41 896.3	1 969.8	186.1	160.4	34.5	3.8	(Z)	.7	43
20.7	134.4	7.7	185.3	469.7	1 755.9	96.0	54.3	(S)	(S)	(S)	(Z)	5.6	44
1 067.9	1 384.2	(S)	(S)	266.1	1 856.4	(S)	(S)	(S)	(Z)	(Z)	(Z)	1.1	45
680.1	1 087.8	(S)	(S)	276.8	1 896.5	33.2	(S)	(S)	(Z)	(Z)	(Z)	1.5	46
(Z)	(S)	(S)	(S)	86.4	577.4	(S)	(S)	(S)	(Z)	(Z)	(Z)	8.7	47
(S)	(S)	(S)	285.5	653.1	4 233.0	88.3	(S)	4.4	(Z)	(Z)	(Z)	3.4	48
(Z)	(Z)	(S)	(S)	44.3	263.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	14.4	49
(Z)	(Z)	(S)	(S)	37.0	54.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	19.9	50
(Z)	(Z)	(S)	(S)	32.2	136.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	21.0	51
(Z)	(Z)	(Z)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	39.6	52
(S)	54.3	23.2	732.3	2 937.9	13 652.4	1 275.6	117.3	46.4	32.7	(Z)	(Z)	1.8	53
(S)	8.1	15.4	546.3	2 053.5	10 425.7	987.2	77.0	15.3	31.6	(Z)	(Z)	2.1	54
(S)	5.7	(S)	530.0	1 912.7	9 598.1	928.6	78.4	14.3	31.6	(Z)	(Z)	2.2	55
1 198.6	1 416.2	(S)	347.1	719.4	4 717.0	121.2	33.4	4.4	(Z)	(Z)	(Z)	.9	56
(S)	(S)	(S)	137.1	394.7	2 464.2	65.8	(S)	(S)	(Z)	(Z)	(Z)	4.3	57
(Z)	(S)	(S)	102.8	364.3	2 530.7	70.6	(S)	(S)	(Z)	(Z)	(Z)	4.4	58
(Z)	(Z)	(S)	38.0	206.3	1 456.1	61.3	(S)	(S)	(Z)	(Z)	(Z)	5.7	59

Table 13. **Truck Miles by Truck Type and Axle Arrangement: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Truck type and axle arrangement						
			Single-unit trucks				Combinations		
								Single-unit truck with trailer	
			Total	2 axles	3 axles	4 axles or more	Total	4 axles	5 axles or more
	MAINTENANCE[2]								
	General maintenance:								
1	Owner	281 195.2	261 020.8	258 339.0	2 161.2	520.6	20 174.4	230.3	427.4
2	Company's maintenance facilities	79 912.9	43 091.3	39 026.1	3 268.0	797.2	36 821.7	199.0	487.0
3	Dealership's service department	84 748.2	79 276.8	78 814.2	373.5	89.1	5 471.3	40.8	51.4
4	Leasing company	5 092.9	2 230.1	2 138.6	77.3	14.2	2 862.8	(S)	(S)
5	Independent garage	146 529.2	135 680.8	134 724.2	844.4	112.2	10 848.4	89.1	136.2
6	Component distributorship	6 614.9	4 970.5	4 860.7	88.7	21.1	1 644.4	(S)	4.5
7	No one	3 744.5	3 620.7	3 610.6	10.2	(Z)	123.8	(Z)	(Z)
8	Other	2 117.4	1 568.2	1 547.7	17.2	(S)	549.1	(Z)	(S)
9	Not reported	18 013.9	15 614.2	15 431.5	156.2	26.5	2 399.7	19.7	31.5
	Major overhauls:								
10	Owner	67 696.4	59 724.8	58 845.4	723.7	155.8	7 971.6	48.7	174.2
11	Company's maintenance facilities	47 910.0	23 263.9	20 809.2	2 006.2	448.4	24 646.2	118.6	243.9
12	Dealership's service department	74 169.2	62 780.0	61 589.2	912.7	278.1	11 389.2	51.0	173.3
13	Leasing company	3 953.7	2 041.0	1 960.9	64.3	15.8	1 912.7	(S)	(S)
14	Independent garage	102 513.3	90 482.3	88 880.6	1 363.3	238.5	12 030.9	154.6	268.4
15	Component distributorship	16 041.6	9 869.3	9 339.6	388.1	141.6	6 172.3	44.9	84.3
16	No one	28 534.6	27 662.5	27 566.8	72.8	22.9	872.1	(S)	(S)
17	Other	2 696.1	2 223.8	2 189.0	26.3	(S)	472.3	(Z)	(S)
18	Not reported	211 650.2	201 472.8	200 208.1	1 076.2	188.4	10 177.5	110.3	139.0
	ENGINE TYPE AND SIZE								
19	Engine	529 315.3	462 035.2	454 822.5	5 946.0	1 266.7	67 280.1	519.6	956.5
20	Gasoline	437 802.7	432 104.8	431 105.3	952.4	47.0	5 697.9	223.2	98.5
21	Diesel	90 859.0	29 305.3	23 096.9	4 989.5	1 218.9	61 553.6	296.4	858.0
22	LPG or other	548.2	536.6	534.4	(S)	(S)	(S)	(Z)	(Z)
23	Not reported	105.4	88.5	85.8	2.1	(S)	(S)	(Z)	(Z)
24	Cylinders[5]	529 315.3	462 035.2	454 822.5	5 946.0	1 266.7	67 280.1	519.6	956.5
25	4	97 768.5	97 605.1	97 602.8	(S)	(S)	163.3	(Z)	(S)
26	6	159 267.5	117 754.1	114 383.1	2 628.4	742.5	41 513.4	125.1	525.4
27	8	234 029.6	225 898.7	224 554.7	1 207.2	136.8	8 130.8	303.6	138.2
28	Other	178.9	152.5	152.5	(Z)	(Z)	26.3	(Z)	(Z)
29	Not reported	38 070.9	20 624.6	18 129.3	2 109.5	385.8	17 446.3	90.9	291.6
30	Cubic inch displacement	529 209.9	461 946.7	454 736.7	5 943.9	1 266.1	67 263.2	519.6	956.5
31	Gasoline engines	437 802.7	432 104.8	431 105.3	952.4	47.0	5 697.9	223.2	98.5
32	Less than 200	135 134.4	134 928.5	134 928.2	(S)	(S)	205.9	(Z)	(Z)
33	200 to 299	45 539.2	45 340.3	45 321.2	18.1	(S)	198.9	(S)	(S)
34	300 to 349	113 137.0	112 175.8	112 069.1	106.6	(S)	961.2	11.3	10.1
35	350 to 399	110 157.4	108 329.5	108 015.1	294.4	20.1	1 827.9	80.8	29.1
36	400 or more	24 088.4	21 927.6	21 462.0	446.8	18.8	2 160.8	114.1	27.4
37	Not reported[6]	9 746.3	9 403.0	9 309.7	86.4	(S)	343.2	(S)	(S)
38	Diesel engines	90 859.0	29 305.3	23 096.9	4 989.5	1 218.9	61 553.6	296.4	858.0
39	Less than 400	14 609.8	11 201.9	10 641.9	446.4	113.6	3 407.9	9.0	64.6
40	400 to 599	16 143.7	9 724.3	8 627.8	950.5	146.0	6 419.3	120.5	90.3
41	600 to 799	13 204.2	3 720.4	1 222.6	1 991.2	506.6	9 483.8	46.6	164.9
42	800 or more	36 730.9	1 389.6	206.6	837.8	345.2	35 341.3	84.4	457.5
43	Not reported[6]	10 170.4	3 269.2	2 398.0	763.6	107.6	6 901.2	35.8	80.6
44	Other engines	548.2	536.6	534.4	(S)	(S)	(S)	(Z)	(Z)
45	Less than 400	463.9	463.9	462.0	(S)	(Z)	(Z)	(Z)	(Z)
46	400 or more	57.1	48.4	48.2	(Z)	(S)	(S)	(Z)	(Z)
47	Not reported[6]	27.3	24.3	24.3	(Z)	(Z)	(S)	(Z)	(Z)
48	Horsepower	529 209.9	461 946.7	454 736.7	5 943.9	1 266.1	67 263.2	519.6	956.5
49	Gasoline engines	437 802.7	432 104.8	431 105.3	952.4	47.0	5 697.9	223.2	98.5
50	Less than 100	58 109.7	58 021.1	58 014.2	6.9	(Z)	88.6	(Z)	(S)
51	100 to 199	324 699.6	321 549.8	321 222.5	302.9	24.5	3 149.8	112.2	34.4
52	200 to 249	27 055.7	25 380.2	24 961.5	406.2	12.6	1 675.5	(S)	12.2
53	250 or more	3 375.2	3 096.7	2 997.5	97.5	1.7	278.5	(S)	(S)
54	Not reported[6]	24 562.3	24 056.9	23 909.7	138.9	8.3	505.5	11.2	13.1
55	Diesel engines	90 859.0	29 305.3	23 096.9	4 989.5	1 218.9	61 553.6	296.4	858.0
56	Less than 250	27 209.6	20 836.2	17 885.0	2 531.1	420.1	6 373.4	114.2	73.8
57	250 to 349	27 416.5	2 423.1	388.5	1 531.2	503.4	24 993.3	90.6	261.3
58	350 to 449	25 290.2	626.2	97.3	327.8	201.1	24 664.1	60.1	424.2
59	450 or more	718.6	19.5	4.1	7.3	(S)	699.1	(Z)	(S)
60	Not reported[6]	10 224.1	5 400.4	4 722.1	592.1	86.2	4 823.7	31.5	63.4
61	Other engines	548.2	536.6	534.4	(S)	(S)	(S)	(Z)	(Z)
62	Less than 250	465.5	464.7	463.7	(S)	(Z)	(S)	(Z)	(Z)
63	250 or more	(S)	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)
64	Not reported[6]	36.5	33.1	32.0	(S)	(S)	(S)	(Z)	(Z)
	POWERED AXLES								
65	Powered axles	529 315.3	462 035.2	454 822.5	5 946.0	1 266.7	67 280.1	519.6	956.5
66	1	379 426.0	359 424.8	358 288.7	1 097.1	39.0	20 001.2	434.6	173.8
67	2	148 979.8	102 232.3	96 474.3	4 697.5	1 060.6	46 747.5	85.0	765.7
68	3 or more	909.4	377.9	59.4	151.4	167.1	531.5	(Z)	(S)
69	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

See footnotes at end of table.

Truck type and axle arrangement—Con.													
Combinations—Con.													
Single-unit truck with utility trailer			Truck-tractor with single trailer			Truck-tractor with double trailers			Truck-tractor with triple trailers			Relative standard error of estimate (percent) for total	
3 axles	4 axles	5 axles or more	3 axles	4 axles	5 axles or more	5 axles	6 axles	7 axles or more	7 axles	8 axles or more	Trailer not specified		
1 224.8	1 522.5	397.4	515.1	2 512.2	12 806.0	448.4	31.0	54.4	(S)	(S)	(S)	1.0	1
304.8	458.3	425.2	1 510.6	5 666.4	25 541.5	1 857.7	217.7	116.1	33.8	3.7	(Z)	1.7	2
282.3	468.3	46.3	130.8	767.6	3 601.7	27.7	(S)	10.8	(Z)	(Z)	(Z)	2.3	3
(S)	(S)	8.0	99.6	456.0	2 160.8	20.3	(S)	(S)	(Z)	(Z)	(Z)	7.4	4
543.8	743.3	130.3	496.3	1 501.2	7 057.8	87.0	(S)	16.6	(Z)	(Z)	(Z)	1.6	5
(S)	(S)	20.4	25.9	217.3	1 318.2	(S)	11.9	7.4	(Z)	(Z)	(Z)	8.4	6
(S)	(S)	(S)	(S)	(S)	50.5	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	9.0	7
(Z)	(S)	(S)	(S)	34.3	484.5	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	13.0	8
33.6	(S)	17.2	43.2	482.0	1 505.9	39.8	(S)	(S)	(S)	(Z)	(Z)	3.8	9
631.9	708.8	126.8	221.9	968.2	4 805.7	256.2	9.1	20.1	(Z)	(Z)	(Z)	2.3	10
135.1	262.1	214.5	1 174.1	3 916.9	16 640.5	1 649.0	193.5	63.1	31.8	(S)	(Z)	2.2	11
542.3	227.1	130.1	263.4	1 463.2	8 299.6	143.6	(S)	39.7	(Z)	(Z)	(Z)	2.3	12
(S)	(S)	13.4	71.5	310.9	1 432.5	(S)	(S)	(S)	(Z)	(Z)	(Z)	8.4	13
533.7	574.9	173.1	543.9	1 873.6	7 651.6	201.5	18.7	33.9	(S)	(Z)	(S)	1.9	14
(S)	53.3	81.8	175.4	727.1	4 602.7	167.8	17.9	26.4	(S)	(S)	(Z)	4.4	15
(S)	25.6	(S)	20.0	186.6	532.6	(S)	(S)	(S)	(S)	(Z)	(Z)	4.0	16
(S)	(S)	(S)	(S)	(S)	381.8	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	13.1	17
419.0	1 226.4	205.7	257.6	1 548.1	6 146.2	87.5	(S)	16.0	(S)	(S)	(Z)	1.2	18
2 227.0	2 992.9	833.6	2 455.8	10 008.7	44 591.6	2 181.8	304.2	167.6	34.7	3.9	(S)	.5	19
1 935.3	2 429.1	197.7	186.7	265.2	360.0	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.6	20
291.5	563.6	635.9	2 268.6	9 728.3	44 219.1	2 181.8	304.2	167.6	34.7	3.9	(Z)	1.3	21
(S)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	18.3	22
(Z)	(S)	(Z)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	24.3	23
2 227.0	2 992.9	833.6	2 455.8	10 008.7	44 591.6	2 181.8	304.2	167.6	34.7	3.9	(S)	.5	24
129.0	(S)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.1	25
298.6	286.5	400.8	1 327.2	6 347.8	30 192.2	1 616.6	234.5	123.5	33.5	(S)	(Z)	1.4	26
1 739.8	2 482.9	206.4	403.3	798.7	1 893.8	125.4	(S)	28.9	(Z)	(S)	(S)	1.1	27
(Z)	(S)	(S)	(S)	22.3	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	28.6	28
59.6	190.9	226.1	724.0	2 839.8	12 502.9	439.9	63.5	15.2	(S)	(S)	(Z)	2.0	29
2 227.0	2 992.7	833.6	2 455.3	9 994.4	44 589.7	2 181.8	304.2	167.6	34.7	3.9	(S)	.5	30
1 935.3	2 429.1	197.7	186.7	265.2	360.0	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.6	31
172.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.8	32
82.7	(S)	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.8	33
391.9	384.3	(S)	4.1	38.9	84.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.8	34
600.4	891.8	72.5	50.1	67.0	36.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	1.8	35
674.9	983.0	66.3	(S)	99.9	92.2	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	4.4	36
12.9	68.9	14.0	28.4	38.4	142.3	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.8	37
291.5	563.6	635.9	2 268.6	9 728.3	44 219.1	2 181.8	304.2	167.6	34.7	3.9	(Z)	1.3	38
59.5	193.2	37.4	142.1	670.2	2 166.2	47.1	(S)	(Z)	(Z)	(Z)	(Z)	4.7	39
174.7	220.8	94.6	512.1	1 506.0	3 069.5	588.5	(S)	6.2	(S)	(Z)	(Z)	4.8	40
26.8	51.9	123.6	405.6	1 793.4	6 371.3	463.2	(S)	29.5	(S)	(Z)	(Z)	1.9	41
10.3	61.9	290.1	864.1	4 551.7	27 663.7	972.1	229.0	119.3	33.4	3.7	(Z)	1.1	42
20.2	35.8	90.2	344.6	1 207.0	4 948.5	110.8	(S)	(S)	(S)	(S)	(Z)	3.5	43
(S)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	18.3	44
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	21.3	45
(S)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	25.6	46
(Z)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	32.9	47
2 227.0	2 992.7	833.6	2 455.3	9 994.4	44 589.7	2 181.8	304.2	167.6	34.7	3.9	(S)	.5	48
1 935.3	2 429.1	197.7	186.7	265.2	360.0	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.6	49
(S)	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.8	50
1 279.6	1 365.4	104.2	42.3	96.9	112.6	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.9	51
475.6	829.3	52.2	(S)	84.2	48.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.3	52
16.7	85.3	26.1	12.4	24.4	43.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.4	53
106.7	118.6	15.1	26.9	58.8	155.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.0	54
291.5	563.6	635.9	2 268.6	9 728.3	44 219.1	2 181.8	304.2	167.6	34.7	3.9	(Z)	1.3	55
216.0	357.7	105.7	831.7	1 859.2	2 518.2	292.4	(S)	(S)	(S)	(Z)	(Z)	3.4	56
13.6	54.9	175.6	901.8	4 418.1	17 560.9	1 376.6	117.4	21.8	(S)	(S)	(Z)	1.4	57
(S)	65.1	277.3	242.6	2 533.2	20 315.0	429.2	161.4	117.6	32.4	(S)	(Z)	1.4	58
(Z)	(S)	(S)	6.4	67.4	560.8	(Z)	(S)	11.3	(Z)	(S)	(Z)	8.7	59
(S)	(S)	69.1	286.2	850.5	3 264.2	83.6	(S)	(S)	(S)	(S)	(Z)	5.2	60
(S)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	18.3	61
(S)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	20.0	62
(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	63
(Z)	(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	28.6	64
2 227.0	2 992.9	833.6	2 455.8	10 008.7	44 591.6	2 181.8	304.2	167.6	34.7	3.9	(S)	.5	65
1 656.4	2 365.5	237.6	2 271.8	6 336.3	4 239.2	2 176.4	47.5	25.2	34.7	(Z)	(S)	.8	66
570.6	624.6	582.5	182.4	3 624.1	39 907.3	(S)	256.1	139.8	(Z)	3.9	(Z)	1.3	67
(Z)	(S)	13.5	(S)	48.3	445.2	(Z)	(S)	(S)	(Z)	(Z)	(Z)	6.9	68
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	69

Table 13. **Truck Miles by Truck Type and Axle Arrangement: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Truck type and axle arrangement						
			Single-unit trucks				Combinations		
								Single-unit truck with trailer	
			Total	2 axles	3 axles	4 axles or more	Total	4 axles	5 axles or more
	CAB TYPE[7]								
1	Cab forward of engine	1 243.0	748.9	579.4	121.1	48.5	494.1	(S)	(S)
2	Cab over engine	32 020.3	5 463.2	4 581.9	819.2	62.2	26 557.0	68.6	262.7
3	Conventional cab	61 442.0	27 382.1	21 511.9	4 746.9	1 123.3	34 060.0	424.8	652.8
4	Cab beside engine	494.7	437.9	395.4	38.2	(S)	56.8	(Z)	(S)
5	Other	1 382.6	1 284.4	1 210.3	57.7	16.3	98.2	(S)	(Z)
6	Not reported	5 736.7	3 453.0	3 278.1	162.8	12.1	2 283.7	(S)	9.0
	PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS								
7	Total	426 995.9	423 265.6	423 265.6	(Z)	(Z)	3 730.3	(Z)	(Z)
8	Pickups	284 929.0	281 790.2	281 790.2	(Z)	(Z)	3 138.7	(Z)	(Z)
9	Mini-vans	23 027.2	23 027.2	23 027.2	(Z)	(Z)	(Z)	(Z)	(Z)
10	Panels or vans	61 035.5	60 777.0	60 777.0	(Z)	(Z)	258.6	(Z)	(Z)
11	Utilities	43 199.9	43 079.1	43 079.1	(Z)	(Z)	120.7	(Z)	(Z)
12	Station wagons	14 804.4	14 592.0	14 592.0	(Z)	(Z)	212.4	(Z)	(Z)
13	Driving wheels	426 995.9	423 265.6	423 265.6	(Z)	(Z)	3 730.3	(Z)	(Z)
14	4-wheel drive	96 241.2	95 210.2	95 210.2	(Z)	(Z)	1 030.9	(Z)	(Z)
15	2-wheel drive	330 754.7	328 055.3	328 055.3	(Z)	(Z)	2 699.4	(Z)	(Z)
16	Front-wheel drive	16 633.2	16 554.4	16 554.4	(Z)	(Z)	(S)	(Z)	(Z)
17	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Note: Some data cells may have high relative standard errors of estimate (RSE's). See appendix B for approximating the RSE's for the data cells. Some unpublished estimates can be derived from this table by subtracting published data from their respective totals. However, the figures obtained by such subtraction are subject to high sampling variability or poor response quality. These unpublished data are for internal use only. The U.S. data may vary from the sum of the State reports because of rounding.

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.
[2]Detail does not add to total because items were not applicable or multiple responses were possible.
[3]When no response was obtained, a fleet size of one truck was assumed.
[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.
[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.
[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.
[7]Pickups, panels, vans, and mini-vans are not included.

Truck type and axle arrangement—Con.													
Combinations—Con.													
Single-unit truck with utility trailer			Truck-tractor with single trailer			Truck-tractor with double trailers			Truck-tractor with triple trailers			Relative standard error of estimate (percent) for total	
3 axles	4 axles	5 axles or more	3 axles	4 axles	5 axles or more	5 axles	6 axles	7 axles or more	7 axles	8 axles or more	Trailer not specified		
9.8	12.1	(S)	32.1	132.2	231.2	(S)	(S)	(S)	(Z)	(Z)	(Z)	6.3	1
25.1	94.9	121.8	823.3	4 411.1	19 537.1	1 027.0	109.8	71.4	(S)	(S)	(Z)	1.3	2
424.2	821.9	615.2	1 356.5	5 063.7	23 285.8	1 099.0	191.6	90.5	32.2	(S)	(Z)	.8	3
(S)	(S)	(Z)	(S)	24.4	19.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	10.8	4
(S)	4.7	(S)	(S)	10.2	53.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	6.6	5
15.3	106.0	22.2	233.1	367.2	1 464.2	(S)	(S)	(S)	(S)	(Z)	(Z)	6.4	6
1 738.7	1 947.1	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.7	7
1 521.5	1 572.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.8	8
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.2	9
(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.5	10
(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.3	11
(S)	204.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.4	12
1 738.7	1 947.1	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.7	13
554.6	467.4	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.0	14
1 184.2	1 479.7	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.9	15
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.5	16
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	17

Table 14. **Truck Miles by Body Type: 1987**

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

	Vehicular and operational characteristics	Total	Body type: Pickup	Mini-van	Panel or van	Utility	Station wagon	Multistop or walk-in
1	**Total trucks**	**529 315.3**	**284 929.0**	**23 027.2**	**61 035.5**	**43 199.9**	**14 804.4**	**6 614.1**
2	Relative standard error (percent)	.5	.8	4.2	2.5	3.3	5.4	5.3
	MAJOR USE							
3	Agriculture	34 022.0	24 075.2	(S)	800.6	1 139.2	425.5	194.9
4	Forestry and lumbering	5 004.3	2 069.0	(Z)	(S)	52.5	(S)	(S)
5	Mining and quarrying	3 353.5	1 508.1	(Z)	83.2	98.5	(S)	(S)
6	Construction	63 689.2	36 157.7	1 141.1	10 044.5	2 770.4	665.1	855.3
7	Manufacturing	12 468.8	2 519.4	382.1	1 354.3	794.1	(S)	431.4
8	Wholesale trade	20 633.3	4 084.3	740.0	3 720.3	692.7	252.5	1 391.7
9	Retail trade	22 673.4	8 571.6	1 528.3	3 998.6	1 263.3	585.2	964.9
10	For-hire transportation	43 239.8	863.3	(S)	968.1	86.0	(S)	813.9
11	Utilities	5 829.4	2 397.3	294.2	1 035.6	431.8	(S)	49.1
12	Services	27 207.3	10 872.0	1 566.9	6 472.0	2 145.3	1 584.7	567.1
13	Daily rental	3 607.3	63.1	(S)	666.5	66.1	(S)	128.8
14	One way rental	545.4	(S)	(Z)	(S)	(Z)	(Z)	94.6
15	Personal transportation	286 955.7	191 662.3	17 113.4	31 771.0	33 659.7	11 098.6	1 107.8
16	Other	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
17	Not in use	50.7	28.0	(Z)	(S)	(S)	(Z)	(S)
18	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	ANNUAL MILES							
19	Less than 5,000	23 142.4	15 535.5	413.2	2 253.1	1 566.0	513.4	224.9
20	5,000 to 9,999	70 863.1	46 655.4	2 367.5	8 580.4	5 676.4	2 322.3	670.4
21	10,000 to 19,999	196 821.1	121 946.9	11 012.8	24 553.5	19 906.5	6 949.8	1 898.3
22	20,000 to 29,999	106 067.9	60 960.1	6 932.2	13 643.1	10 005.7	3 514.4	1 778.1
23	30,000 to 49,999	64 849.4	32 044.1	2 122.4	9 848.5	5 273.4	1 192.7	1 401.4
24	50,000 to 74,999	24 126.0	6 506.1	(S)	1 185.3	(S)	(S)	307.4
25	75,000 or more	43 445.3	1 280.7	(Z)	971.5	(S)	(Z)	333.5
	RANGE OF OPERATION							
26	Local	350 883.5	211 674.6	17 800.5	43 312.6	32 629.9	10 659.5	3 777.6
27	Short-range	108 276.4	53 439.6	3 702.2	11 404.6	7 782.8	2 769.9	1 955.1
28	Long-range	56 016.8	10 790.0	1 103.8	5 367.9	1 691.9	1 051.6	728.0
29	Off-the-road	13 466.9	8 939.8	394.1	945.2	1 085.0	323.4	47.8
30	Not reported	671.8	(S)	(S)	(S)	(S)	(Z)	105.6
	BASE OF OPERATION							
	Percentage of miles traveled outside base-of-operation State:							
31	Less than 25 percent	393 197.2	232 022.8	17 638.3	45 495.2	33 839.5	10 709.2	4 661.2
32	25 to 49 percent	28 037.5	10 538.8	1 676.9	4 309.3	3 176.6	1 127.1	167.0
33	50 to 74 percent	26 102.3	8 074.4	1 232.1	3 146.1	1 820.8	807.6	359.4
34	75 to 100 percent	39 073.0	10 527.7	889.4	2 709.6	1 642.6	1 059.1	640.4
35	Not reported	42 905.3	23 765.3	1 590.4	5 375.3	2 720.2	1 101.4	786.0
	VEHICLE SIZE							
36	Light	439 342.0	283 987.1	23 026.2	60 922.1	43 190.2	14 782.9	4 976.2
37	Medium	10 767.7	929.6	(S)	(S)	(S)	(S)	1 220.2
38	Light-heavy	7 581.3	(S)	(Z)	(S)	(Z)	(Z)	203.2
39	Heavy-heavy	71 623.8	(S)	(S)	(S)	(Z)	(Z)	214.4
	AVERAGE WEIGHT (POUNDS)							
40	Less than 6,001	406 921.3	269 550.5	22 870.3	54 980.9	42 010.2	13 929.8	1 587.6
41	6,001 to 10,000	32 420.7	14 436.6	155.9	5 941.2	1 180.0	853.1	3 388.6
42	10,001 to 14,000	5 439.6	768.1	(S)	(S)	(S)	(S)	855.1
43	14,001 to 16,000	2 738.2	(S)	(Z)	(S)	(Z)	(S)	170.3
44	16,001 to 19,500	2 590.0	58.6	(Z)	(S)	(Z)	(Z)	194.8
45	19,501 to 26,000	7 581.0	(S)	(Z)	(S)	(Z)	(Z)	203.2
46	26,001 to 33,000	5 410.7	(Z)	(Z)	(S)	(Z)	(Z)	34.3
47	33,001 to 40,000	4 113.1	(S)	(S)	(S)	(Z)	(Z)	21.4
48	40,001 to 50,000	7 624.9	(Z)	(Z)	(Z)	(Z)	(Z)	17.8
49	50,001 to 60,000	7 156.9	(Z)	(Z)	(Z)	(Z)	(Z)	43.8
50	60,001 to 80,000	45 438.8	(Z)	(Z)	(Z)	(Z)	(Z)	94.8
51	80,001 to 100,000	1 254.0	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
52	100,001 to 130,000	439.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
53	130,001 or more	185.0	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
54	Not reported	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)

See footnotes at end of table.

Body type—Con.										
Platform with added devices	Low boy or depressed center	Basic platform	Livestock truck	Insulated nonrefrigerated van	Insulated refrigerated van	Drop-frame van	Open-top van	Basic enclosed van	Beverage	
2 507.6	**1 926.7**	**19 299.3**	**1 226.0**	**1 341.9**	**8 783.1**	**2 466.6**	**546.1**	**29 086.1**	**941.6**	1
3.8	5.5	1.7	7.0	6.8	2.6	4.9	8.6	1.5	5.6	2
369.8	153.0	2 177.0	533.6	97.0	790.4	38.5	105.2	607.5	(S)	3
79.9	65.2	998.5	(S)	(S)	(S)	(S)	148.5	130.5	(Z)	4
84.2	55.2	290.0	(Z)	(Z)	(Z)	(Z)	(S)	38.2	(Z)	5
692.5	738.3	3 267.2	(S)	2.9	(S)	21.8	(S)	474.2	(S)	6
156.6	142.2	1 429.6	(S)	91.9	591.3	293.0	57.7	2 942.4	95.4	7
291.1	41.5	1 571.1	(S)	228.8	2 126.7	143.2	19.5	3 246.3	696.1	8
284.7	88.7	1 021.5	(S)	108.9	438.3	162.1	(S)	1 791.8	135.9	9
215.3	573.7	6 880.7	640.0	729.3	4 699.8	1 577.5	182.9	17 156.3	(S)	10
92.1	37.0	169.1	(Z)	(Z)	5.4	(Z)	(Z)	36.3	(Z)	11
222.1	16.2	688.3	(S)	(S)	57.3	101.2	10.0	621.5	(S)	12
7.9	(S)	345.2	(S)	50.3	69.1	75.8	(Z)	1 690.2	(S)	13
(S)	(Z)	22.7	(Z)	(Z)	(Z)	48.6	(Z)	329.0	(Z)	14
10.3	4.0	425.6	(S)	(Z)	(Z)	(S)	(S)	15.8	(Z)	15
(S)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	16
(S)	(Z)	12.4	(Z)	(S)	(S)	(S)	(Z)	(S)	(Z)	17
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	18
220.9	70.9	905.8	48.0	6.0	18.7	11.3	9.9	137.9	24.8	19
280.3	94.9	1 415.8	62.5	24.7	73.8	68.3	8.9	453.9	101.5	20
594.7	198.8	2 792.5	64.0	55.0	318.2	160.9	16.7	1 761.8	393.1	21
450.4	235.1	1 951.2	77.5	93.3	424.3	235.4	35.0	2 081.0	247.9	22
464.0	326.4	2 719.3	97.6	117.0	835.3	292.1	60.2	3 551.7	84.8	23
258.3	395.0	2 972.9	160.6	216.6	1 206.1	643.9	83.1	4 182.8	33.9	24
239.0	605.6	6 541.8	715.8	829.3	5 906.5	1 054.8	332.2	16 916.9	55.6	25
1 479.5	696.8	6 781.5	234.3	204.4	890.0	473.7	113.8	4 828.6	638.6	26
751.0	596.3	5 208.7	421.0	293.2	2 096.2	531.3	324.6	7 968.0	290.5	27
141.6	582.7	6 823.0	558.0	824.4	5 775.9	1 420.2	97.2	15 864.3	(S)	28
135.4	50.8	456.6	12.7	18.7	(S)	(S)	10.5	66.5	(S)	29
(Z)	(Z)	29.6	(Z)	(S)	(Z)	32.9	(Z)	358.8	(Z)	30
1 991.2	1 087.6	10 425.1	571.2	437.0	2 387.2	629.8	367.4	9 583.0	863.8	31
147.0	106.9	1 387.1	155.7	62.4	490.9	276.3	42.0	2 468.2	11.5	32
110.1	157.8	2 176.3	216.6	173.0	1 184.5	327.7	43.6	4 514.1	4.7	33
108.7	346.7	3 850.1	204.3	607.8	4 169.7	1 035.3	43.6	9 579.3	21.2	34
150.6	227.6	1 460.7	78.3	61.6	550.8	197.6	49.5	2 941.3	40.4	35
377.2	29.5	3 607.5	66.3	44.8	161.0	98.4	(S)	1 211.0	23.0	36
519.8	72.9	2 178.6	88.3	65.5	339.9	228.0	13.0	2 418.9	106.8	37
498.6	84.8	1 576.6	95.7	77.4	481.4	191.9	10.6	1 890.6	205.0	38
1 112.0	1 739.4	11 936.6	975.8	1 154.1	7 800.7	1 948.3	514.1	23 565.7	606.7	39
95.0	(S)	1 033.8	9.5	8.8	(S)	26.5	(S)	205.3	(S)	40
282.2	27.5	2 573.7	56.7	36.0	120.1	71.9	(S)	1 005.7	(S)	41
231.0	14.1	1 114.8	39.9	24.8	122.6	54.3	(S)	825.7	22.9	42
112.1	23.9	607.0	18.2	(S)	108.6	104.2	(S)	906.5	25.4	43
176.8	35.0	456.8	30.2	24.7	108.7	69.5	(S)	686.6	58.5	44
498.6	84.8	1 576.3	95.7	77.4	481.4	191.9	10.6	1 890.6	205.0	45
210.0	94.5	955.3	42.4	81.2	433.2	128.8	15.8	1 495.9	318.1	46
101.7	105.4	614.4	26.4	38.2	339.0	238.0	5.2	1 577.0	96.2	47
253.9	215.2	946.2	98.2	47.8	397.8	406.7	36.2	2 602.4	117.4	48
138.1	159.6	711.5	19.1	115.9	385.0	567.4	30.3	3 215.7	42.1	49
375.7	967.4	8 438.3	778.3	868.0	6 215.5	604.5	350.4	14 518.3	29.7	50
28.6	130.2	158.1	11.3	(S)	16.5	(S)	59.1	87.2	(S)	51
(S)	47.7	62.1	(Z)	(S)	(S)	(S)	17.1	59.7	(Z)	52
(S)	19.5	51.0	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	53
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	54

Table 14. **Truck Miles by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Body type: Pickup	Mini-van	Panel or van	Utility	Station wagon	Multistop or walk-in
	TOTAL LENGTH (FEET)							
1	Less than 13.0	41 064.0	23 781.5	2 204.5	5 338.3	8 107.9	1 066.7	180.1
2	13.0 to 15.9	135 251.1	76 561.9	17 864.4	9 240.2	27 105.7	2 837.9	523.7
3	16.0 to 19.9	257 550.5	181 446.1	2 958.2	46 197.6	7 865.5	10 687.7	2 779.9
4	20.0 to 27.9	20 213.7	294.2	(Z)	(S)	(Z)	(S)	2 551.3
5	28.0 to 35.9	10 211.9	561.6	(Z)	(S)	(S)	(S)	398.8
6	36.0 to 40.9	4 277.7	1 702.8	(Z)	181.3	110.6	54.3	(S)
7	41.0 to 44.9	1 204.3	279.8	(Z)	(Z)	(S)	(S)	(S)
8	45.0 or more	59 541.5	301.0	(Z)	(S)	(S)	(S)	153.8
9	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	YEAR MODEL							
10	1988	688.4	525.6	(S)	(S)	(S)	(S)	(Z)
11	1987	43 253.1	19 028.2	5 516.6	4 578.7	5 630.9	1 624.6	366.1
12	1986	79 690.9	41 649.3	7 970.1	7 122.1	8 679.7	3 215.1	767.1
13	1985	65 859.2	30 161.5	5 819.9	6 919.6	7 950.6	2 436.3	752.1
14	1984	54 613.5	26 608.8	2 381.1	6 978.3	6 395.3	1 419.8	733.1
15	1983	34 797.7	21 548.0	134.2	4 676.8	2 450.1	696.9	492.9
16	1982	29 340.7	18 954.7	226.3	3 097.6	1 390.2	603.0	507.4
17	1981	24 916.4	14 567.1	(S)	2 892.6	729.0	144.3	357.7
18	1980	22 756.6	12 863.1	172.3	2 034.8	925.4	267.0	217.4
19	1979	36 289.1	18 574.7	(S)	6 236.4	2 378.4	990.7	357.4
20	1978	30 917.0	16 625.6	64.3	4 852.1	2 058.1	955.8	468.2
21	Pre-1978	106 038.1	63 723.8	466.6	11 614.7	4 596.7	2 448.1	1 593.8
22	Not reported	154.4	(S)	(Z)	(S)	(S)	(Z)	(S)
	VEHICLE ACQUISITION							
23	Purchased new	292 290.7	150 345.4	17 956.5	31 626.9	25 679.3	8 825.0	4 174.1
24	Purchased used	215 230.7	128 382.1	3 549.2	27 254.2	15 847.1	5 520.7	1 951.5
25	Leased from someone else	17 354.0	4 004.1	1 388.7	1 584.7	1 462.5	351.8	307.5
26	Not reported	4 439.9	2 197.4	132.9	569.8	211.0	106.8	180.9
	LEASE CHARACTERISTICS[1] [2]							
27	Leased without driver	23 062.1	4 015.2	1 175.9	2 878.1	1 671.0	294.2	645.1
28	Leased with driver	4 302.1	480.9	(S)	174.6	(S)	(S)	46.5
29	Leased with owner-operator	7 794.2	1 339.3	355.3	225.5	264.8	(S)	70.3
30	Not reported	861.6	293.1	(S)	107.3	(S)	(S)	6.3
	Provisions of lease:							
31	Financing	10 206.1	2 515.5	875.9	1 580.6	1 097.1	208.4	222.2
32	Full maintenance	7 561.2	618.0	(S)	343.2	192.7	(S)	126.9
33	Maintenance on specific parts	1 334.9	543.0	117.3	134.6	(S)	(S)	18.6
34	Payment of taxes	6 955.0	826.6	152.4	706.9	255.1	(S)	116.9
35	Obtaining licenses and permits	9 924.5	530.6	150.8	542.4	70.4	(S)	149.8
36	Record keeping for leased trucks	5 756.7	341.9	(S)	155.9	(S)	(S)	99.8
37	Other	1 504.3	243.6	(S)	78.6	(S)	(S)	28.6
	OPERATOR CLASSIFICATION							
38	Not for hire	482 013.7	283 793.6	22 780.2	59 402.2	43 029.0	14 570.2	5 670.9
39	Business use	188 046.1	87 584.5	5 435.8	26 498.2	8 533.6	3 264.6	4 549.6
40	Personal transportation	286 834.2	191 552.3	17 113.4	31 771.0	33 660.0	11 098.6	1 106.2
41	Mixed-business use/personal transportation	7 133.4	4 656.8	231.0	1 133.1	835.4	206.9	15.2
42	For hire	43 124.8	823.2	(S)	946.9	86.0	(S)	814.5
43	Motor carrier	30 655.1	(S)	(Z)	809.6	(S)	(Z)	709.6
44	Owner/operator	12 413.1	491.9	(S)	137.2	67.1	(S)	104.3
45	Independent	5 944.9	420.1	(S)	135.4	62.3	(S)	71.5
46	Leased to a company	6 468.2	(S)	(S)	(S)	(S)	(Z)	32.8
47	Not reported	56.5	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
48	Daily rental	3 621.9	63.1	(S)	666.5	66.1	(S)	128.6
49	Mixed-not for hire/for hire	102.1	(Z)	(Z)	(S)	(Z)	(Z)	(Z)
	For-hire jurisdiction:							
50	Interstate	28 891.7	(S)	(Z)	(S)	(S)	(Z)	168.7
51	Intrastate	9 396.0	(S)	(Z)	469.3	(S)	(S)	331.4
52	Local	4 807.0	435.2	(S)	347.0	65.7	(S)	313.9
53	Not reported	30.0	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
	Type of carrier (interstate only):							
54	Contract	6 295.3	(S)	(Z)	(S)	(S)	(Z)	16.9
55	Common	20 149.8	(S)	(Z)	(S)	(S)	(Z)	149.1
56	Exempt	1 539.2	(S)	(Z)	(S)	(Z)	(Z)	(S)
57	Not reported	907.4	(S)	(Z)	(S)	(Z)	(Z)	(Z)

See footnotes at end of table.

Body type—Con.										
Platform with added devices	Low boy or depressed center	Basic platform	Livestock truck	Insulated nonrefrigerated van	Insulated refrigerated van	Drop-frame van	Open-top van	Basic enclosed van	Beverage	
(S)	(S)	98.3	(S)	(S)	(S)	(S)	(S)	65.5	(S)	1
60.0	(S)	309.8	(S)	(S)	17.3	14.3	(S)	169.8	3.5	2
261.1	25.4	1 755.5	24.4	35.0	193.0	41.5	10.3	587.4	42.2	3
1 121.0	35.3	4 359.7	121.8	136.4	849.3	260.6	18.0	2 907.2	203.2	4
533.9	95.7	1 473.6	76.7	48.0	494.4	130.5	26.4	2 424.1	398.8	5
80.6	65.1	384.1	23.8	(S)	97.0	46.0	(S)	436.5	47.4	6
23.4	41.7	136.4	(S)	5.8	26.3	6.7	(S)	120.3	59.0	7
409.7	1 659.9	10 781.4	932.2	1 103.8	7 085.1	1 964.8	485.5	22 375.3	181.7	8
(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	9
(Z)	(Z)	12.3	(S)	(S)	17.0	(S)	(Z)	43.2	(Z)	10
155.9	83.8	962.8	78.2	126.2	923.1	97.5	51.0	2 607.9	42.2	11
165.6	132.8	1 838.9	89.1	205.3	1 285.1	287.2	59.6	3 908.6	95.1	12
208.5	157.1	1 665.4	73.1	175.4	1 328.9	368.7	42.8	5 106.5	72.9	13
196.3	136.8	1 773.0	115.5	135.5	1 286.2	172.5	62.8	4 013.9	93.1	14
114.8	64.1	1 013.1	88.4	102.7	504.0	98.3	16.3	1 641.6	47.5	15
99.7	86.3	818.7	55.6	86.1	485.6	118.8	23.2	1 405.9	79.8	16
159.4	114.0	1 293.3	130.2	64.5	520.1	164.4	26.3	1 898.3	73.2	17
172.2	169.2	1 331.1	91.5	89.3	524.3	131.8	49.6	1 677.6	56.3	18
222.8	178.6	1 754.1	78.2	86.1	490.5	213.2	59.4	1 820.7	101.5	19
199.7	133.0	1 358.4	63.5	66.9	412.9	234.4	33.2	1 357.7	88.3	20
812.6	664.0	5 455.7	362.0	203.7	1 005.4	573.1	121.8	3 600.9	191.6	21
(Z)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	22
1 334.3	849.6	9 252.4	534.6	851.0	5 134.7	1 276.5	280.0	18 995.8	716.7	23
1 031.7	864.1	8 067.3	606.9	294.1	2 042.0	809.1	235.3	7 036.5	166.7	24
101.4	134.3	1 799.7	71.0	194.2	1 509.0	368.3	22.6	2 720.3	48.1	25
40.3	(S)	179.9	13.5	(S)	97.3	(S)	(S)	333.4	(S)	26
138.2	111.3	1 952.0	72.5	196.5	1 326.6	330.4	44.4	6 271.0	84.5	27
53.3	85.7	754.0	20.7	112.2	469.3	86.1	(S)	965.6	(S)	28
27.7	122.4	1 409.7	69.3	73.9	869.9	332.7	16.9	1 475.2	(S)	29
(S)	(S)	67.8	(Z)	(S)	33.8	(S)	(S)	146.2	(S)	30
68.8	65.8	693.8	(S)	70.1	463.0	77.9	18.7	1 272.7	37.7	31
49.0	30.5	837.1	(S)	65.6	686.5	166.1	(S)	3 323.9	38.8	32
(S)	(S)	85.7	(S)	(S)	115.2	23.8	(Z)	168.2	(S)	33
18.9	42.6	887.5	16.8	49.3	624.0	203.1	17.0	2 269.5	8.5	34
39.0	106.9	1 650.9	75.1	103.6	1 258.7	443.5	20.3	3 486.3	33.0	35
22.4	34.3	1 044.8	48.2	66.2	677.3	177.1	18.2	2 208.2	11.7	36
(S)	(S)	267.2	(S)	92.8	100.0	(S)	(S)	291.2	(S)	37
2 282.6	1 333.9	12 051.7	565.4	561.2	3 998.9	827.0	362.2	10 220.3	936.1	38
2 268.2	1 329.2	11 611.4	556.4	561.2	3 998.9	823.4	360.4	10 203.6	936.1	39
10.3	4.0	415.1	(S)	(Z)	(Z)	(S)	(S)	15.9	(Z)	40
(S)	(S)	25.1	(S)	(Z)	(Z)	(S)	(Z)	(S)	(Z)	41
216.5	573.0	6 870.5	638.8	729.3	4 698.9	1 563.8	183.6	17 131.5	(S)	42
89.4	401.9	4 287.0	347.2	554.6	3 130.7	1 100.2	146.2	13 575.5	(S)	43
127.0	170.9	2 577.5	288.2	174.6	1 560.9	457.9	37.4	3 547.3	(S)	44
97.3	48.7	926.5	240.8	73.2	687.2	208.3	28.1	1 338.9	(Z)	45
29.7	122.3	1 651.0	47.4	101.4	873.7	249.5	9.2	2 208.4	(S)	46
(Z)	(S)	6.0	(S)	(Z)	7.3	(S)	(Z)	8.7	(Z)	47
7.9	(S)	345.2	(S)	50.3	69.1	75.8	(Z)	1 704.6	(S)	48
(S)	(S)	31.1	(Z)	(S)	(S)	(Z)	(S)	29.0	(Z)	49
56.7	372.4	5 136.7	394.2	635.0	4 225.2	1 133.3	66.4	13 035.4	(S)	50
105.1	136.9	1 420.0	214.3	82.5	439.7	235.1	103.1	2 639.7	(S)	51
53.5	62.8	306.7	(S)	11.8	34.0	191.3	13.4	1 452.1	(S)	52
(S)	(S)	(S)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(Z)	53
16.1	88.0	1 139.9	30.1	123.1	957.8	179.5	33.9	2 649.4	(Z)	54
26.0	270.6	3 748.7	75.0	447.9	2 545.0	917.2	26.5	9 802.4	(S)	55
2.0	(S)	139.9	241.3	32.3	505.7	(S)	4.8	279.6	(Z)	56
(S)	(S)	108.2	47.9	31.6	216.7	13.8	(S)	303.9	(Z)	57

Table 14. **Truck Miles by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Body type: Pickup	Mini-van	Panel or van	Utility	Station wagon	Multistop or walk-in
	PRODUCTS CARRIED							
1	Farm products	16 210.4	6 495.3	99.4	994.5	131.5	(S)	229.9
2	Live animals	7 213.6	4 555.0	(S)	(S)	(S)	68.4	22.4
3	Mining products	1 574.9	149.6	(Z)	(Z)	(S)	(S)	(S)
4	Logs and other forest products	3 295.7	427.4	(Z)	(S)	(S)	(S)	(S)
5	Lumber and fabricated wood products	6 684.8	2 958.8	(S)	478.4	(S)	(S)	22.1
6	Processed foods	16 322.5	1 344.4	279.4	1 142.4	132.0	(S)	1 460.7
7	Textile mill products	4 329.9	647.3	157.7	1 544.1	(S)	(Z)	374.7
8	Building materials	18 599.5	5 658.7	(S)	742.6	293.3	(S)	133.6
9	Household goods	2 873.8	161.3	(S)	207.1	(Z)	(S)	253.2
10	Furniture or hardware	3 353.2	672.1	(S)	470.6	(S)	(S)	235.7
11	Paper products	4 900.9	556.2	(S)	1 363.8	83.1	(S)	168.6
12	Chemicals	6 676.1	2 574.4	(S)	1 013.2	(S)	(S)	111.8
13	Petroleum	5 078.0	730.8	(S)	(S)	(S)	(Z)	(S)
14	Plastics and/or rubber	2 313.0	773.6	(S)	(S)	(Z)	(Z)	35.9
15	Primary metal products	4 348.1	712.2	(S)	230.4	(S)	(Z)	19.2
16	Fabricated metal products	5 543.0	2 001.2	(S)	694.2	(S)	(S)	98.8
17	Machinery	6 298.3	1 776.7	325.7	1 066.5	194.4	(S)	111.0
18	Transportation equipment	6 994.6	2 729.2	(S)	311.7	36.5	(S)	67.7
19	Glass products	1 040.0	390.5	(Z)	141.7	(Z)	(Z)	(S)
20	Miscellaneous products of manufacturing	6 183.2	1 347.8	793.8	1 444.4	943.1	(S)	152.9
21	Industrial water	337.2	(S)	(Z)	(Z)	(Z)	(Z)	(S)
22	Scrap, refuse, or garbage	3 104.9	611.2	(Z)	(S)	(S)	(Z)	(S)
23	Hazardous waste	351.3	(S)	(Z)	(S)	(Z)	(Z)	(S)
24	Mixed cargoes	21 077.0	2 495.5	232.5	2 106.9	373.8	143.6	906.0
25	Craftsman's equipment	34 490.2	19 913.9	1 207.1	7 630.2	1 648.0	498.1	599.5
26	Personal transportation	286 920.5	191 632.4	17 113.4	31 771.0	33 654.5	11 098.6	1 107.8
27	No load carried	48 298.2	32 650.0	1 947.6	4 728.9	4 669.4	2 171.3	(S)
28	Not in use	111.6	54.7	(Z)	(S)	(S)	(Z)	(Z)
29	Other	4 790.5	904.0	211.7	2 334.0	173.7	168.3	105.4
30	Not reported	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	HAZARDOUS MATERIALS CARRIED							
31	Hazardous materials carried	14 523.1	700.6	(Z)	268.7	(S)	(S)	198.6
32	Less than 10 percent of time	7 220.4	(S)	(Z)	(S)	(Z)	(Z)	110.0
33	10 to 25 percent of time	1 244.2	(S)	(Z)	(Z)	(Z)	(Z)	(S)
34	26 to 49 percent of the time	652.2	(S)	(Z)	(S)	(Z)	(Z)	(S)
35	50 to 74 percent of the time	974.3	(S)	(Z)	(S)	(Z)	(Z)	(S)
36	75 to 100 percent of the time	2 771.5	(S)	(Z)	(S)	(Z)	(Z)	23.6
37	No percent reported	1 660.4	386.3	(Z)	201.0	(S)	(S)	30.8
	Types of hazardous materials[2]:							
38	Flammable liquids	9 287.0	(S)	(Z)	76.4	(Z)	(Z)	140.8
39	Combustible liquids	5 812.3	(S)	(Z)	(S)	(Z)	(Z)	66.2
40	Corrosive liquids	4 591.6	(S)	(Z)	(S)	(Z)	(Z)	66.0
41	Poison B solids	2 437.9	(S)	(Z)	(Z)	(Z)	(Z)	(S)
42	Poison B liquids	2 346.3	(S)	(Z)	(Z)	(Z)	(Z)	(S)
43	Flammable solids	2 324.3	(S)	(Z)	(Z)	(Z)	(Z)	(S)
44	Oxidizers	2 316.6	(S)	(Z)	(Z)	(Z)	(Z)	(S)
45	Flammable gas	2 173.3	(S)	(Z)	(Z)	(Z)	(Z)	(S)
46	Nonflammable gas	2 168.5	(S)	(Z)	(Z)	(Z)	(Z)	(S)
47	Poison A	1 844.0	(S)	(Z)	(Z)	(Z)	(Z)	(S)
48	Corrosive solids	1 906.5	(S)	(Z)	(Z)	(Z)	(Z)	(S)
49	Explosives, A or B	321.3	(S)	(Z)	(S)	(Z)	(Z)	(Z)
50	Blasting agents	60.1	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
51	Radioactive materials	69.9	(S)	(Z)	(S)	(Z)	(Z)	(Z)
52	ORM-A, B, or C	128.4	(S)	(Z)	(S)	(Z)	(Z)	(Z)
53	ORM E	148.9	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
54	Hazardous materials not listed	16.1	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
55	Not reported	5 128.0	435.6	(Z)	192.3	(S)	(S)	57.4
56	No hazardous materials carried	501 460.0	279 309.1	22 761.6	59 137.9	42 729.1	14 619.5	5 962.2
57	Not reported	13 332.2	4 919.3	265.6	1 628.8	463.0	177.5	453.2
	TRUCK FLEET SIZE[3]							
58	1	308 699.4	197 250.6	16 375.5	35 614.6	29 368.7	9 855.0	2 180.5
59	2 to 5	122 944.4	66 562.8	5 221.5	17 209.3	10 912.7	4 508.8	1 492.7
60	6 to 19	40 121.6	13 357.8	707.7	4 476.4	1 631.7	165.7	883.0
61	20 or more	57 549.8	7 757.8	722.6	3 735.3	1 286.7	274.9	2 057.9
	MILES PER GALLON							
62	Less than 5	20 509.9	(S)	(Z)	(S)	(Z)	(Z)	124.6
63	5 to 6.9	52 726.2	782.6	(S)	(S)	(S)	(S)	793.5
64	7 to 8.9	25 367.8	10 866.8	(S)	2 005.4	411.0	258.5	1 573.7
65	9 to 11.9	78 482.0	45 549.7	523.9	12 381.5	4 866.3	2 632.8	1 881.5
66	12 to 14.9	105 379.3	64 286.0	944.4	23 344.5	9 082.2	4 249.7	1 042.2
67	15 to 19.9	126 944.8	80 508.5	7 537.3	17 462.8	15 203.9	4 604.5	716.6
68	20 or more	119 873.6	82 905.5	13 982.9	5 617.5	13 580.0	3 041.4	(S)
69	Not reported	(S)	(S)	(Z)	(Z)	(S)	(Z)	(Z)

See footnotes at end of table.

Body type—Con.										
Platform with added devices	Low boy or depressed center	Basic platform	Livestock truck	Insulated nonrefrigerated van	Insulated refrigerated van	Drop-frame van	Open-top van	Basic enclosed van	Beverage	
253.8	(S)	1 890.2	16.0	219.0	1 878.9	(S)	113.2	859.8	(S)	1
52.6	14.8	427.7	1 179.9	22.3	291.0	(S)	(S)	47.7	(Z)	2
42.5	10.0	126.7	(S)	(S)	(S)	(Z)	3.5	38.8	(Z)	3
84.5	45.1	606.6	(S)	(S)	(S)	(S)	262.5	132.6	(Z)	4
115.1	38.8	2 237.5	(Z)	(S)	(S)	(S)	37.4	335.2	(Z)	5
69.4	30.8	400.8	(Z)	444.9	5 858.1	125.0	(S)	3 396.8	923.8	6
(S)	(S)	106.8	(Z)	149.2	(S)	12.7	(S)	1 131.1	(Z)	7
546.7	174.3	2 779.8	(Z)	(S)	(S)	14.7	17.8	550.9	(S)	8
(S)	(S)	181.2	(Z)	(Z)	(Z)	1 145.0	(Z)	898.5	(Z)	9
(S)	(S)	111.1	(Z)	10.8	(S)	409.7	(Z)	1 309.1	(Z)	10
11.3	(S)	224.5	(Z)	39.0	22.1	(S)	9.6	2 204.8	(Z)	11
120.3	(S)	364.4	(Z)	14.3	35.2	9.9	(S)	533.8	(Z)	12
86.8	(S)	332.4	(Z)	(S)	(S)	(S)	(Z)	187.3	(Z)	13
18.9	(S)	224.4	(Z)	30.4	(S)	24.0	(Z)	882.0	(Z)	14
26.2	22.7	2 553.2	(Z)	(S)	(Z)	(S)	37.3	341.7	(Z)	15
101.8	106.4	1 441.8	(S)	(S)	(S)	27.7	(S)	719.1	(Z)	16
155.3	935.6	892.9	(Z)	(S)	(S)	53.6	(Z)	336.3	(Z)	17
113.5	254.2	507.5	(Z)	(S)	(Z)	13.4	(S)	634.5	(S)	18
24.0	(S)	67.9	(Z)	(S)	(S)	(S)	(S)	248.6	(Z)	19
45.1	(S)	261.0	(Z)	(S)	(S)	41.0	(Z)	1 023.2	(S)	20
6.7	(Z)	33.5	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	21
171.6	4.4	346.8	(S)	(S)	(S)	(Z)	15.3	63.8	(Z)	22
(Z)	(S)	73.8	(Z)	(Z)	(S)	(Z)	(Z)	54.4	(Z)	23
59.6	53.5	1 359.0	(S)	315.6	444.2	469.3	(S)	12 006.9	(Z)	24
213.2	20.1	726.1	(Z)	(S)	4.9	(S)	(S)	247.1	(Z)	25
10.3	4.0	425.6	(S)	(Z)	(Z)	(S)	(S)	15.8	(Z)	26
133.6	16.1	535.3	11.1	(S)	66.2	(S)	(S)	256.2	(S)	27
(S)	(Z)	13.6	(Z)	(S)	(S)	(S)	(Z)	(S)	(Z)	28
19.6	(S)	47.0	(Z)	(S)	(S)	(S)	(S)	625.1	(S)	29
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	30
129.0	77.1	961.5	4.7	280.9	638.5	47.5	15.5	6 966.6	(S)	31
34.9	59.0	504.5	(S)	209.6	511.4	21.5	(S)	5 331.7	(S)	32
(S)	(S)	98.9	(Z)	28.3	30.2	(S)	(S)	644.9	(Z)	33
2.6	1.6	54.6	(Z)	(S)	(S)	(Z)	(Z)	216.1	(Z)	34
(S)	(S)	44.0	(Z)	(Z)	(Z)	(Z)	(Z)	161.1	(S)	35
53.5	(S)	177.1	(Z)	(S)	(S)	(S)	(Z)	201.7	(S)	36
12.8	(S)	82.4	(S)	30.9	82.0	(S)	(Z)	411.2	(S)	37
51.6	24.6	420.7	(S)	101.1	347.7	45.7	15.4	5 017.4	(Z)	38
18.4	22.0	219.4	(S)	51.9	111.5	29.9	(S)	3 643.6	(Z)	39
8.4	16.0	193.5	(Z)	51.9	115.5	29.9	(S)	3 417.1	(Z)	40
(S)	(S)	58.5	(Z)	22.4	(S)	(S)	(Z)	2 283.7	(Z)	41
(S)	(S)	36.5	(Z)	22.4	(S)	(S)	(Z)	2 241.8	(Z)	42
(S)	(S)	38.8	(Z)	22.4	(S)	(S)	(Z)	2 225.7	(Z)	43
(S)	(S)	26.6	(Z)	26.9	(S)	(S)	(Z)	2 230.1	(Z)	44
(S)	(Z)	16.3	(Z)	(S)	(S)	(S)	(Z)	2 138.0	(Z)	45
(S)	(Z)	13.9	(Z)	(S)	(S)	(S)	(Z)	2 138.0	(Z)	46
(Z)	(Z)	7.2	(Z)	(Z)	(S)	(S)	(Z)	1 826.8	(Z)	47
(Z)	(Z)	7.3	(Z)	(Z)	(S)	(S)	(Z)	1 879.0	(Z)	48
(Z)	(Z)	(S)	(Z)	(S)	(Z)	(S)	(Z)	300.8	(Z)	49
(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)	54.0	(Z)	50
(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	55.0	(Z)	51
(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	111.7	(Z)	52
(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	119.8	(Z)	53
(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)	54
77.0	(S)	532.0	(S)	175.3	288.2	(S)	(S)	1 897.6	(S)	55
2 258.2	1 746.9	17 435.1	1 196.6	1 004.8	7 756.7	2 193.6	503.7	19 930.9	900.3	56
120.4	102.7	902.7	24.7	56.1	387.9	225.5	26.9	2 188.6	24.8	57
442.7	275.9	3 814.8	244.6	175.5	1 234.9	412.8	75.1	6 444.4	142.9	58
799.3	309.5	4 947.4	385.5	149.0	977.3	266.5	66.6	2 830.3	48.3	59
738.0	618.2	4 119.2	309.2	192.4	1 493.6	379.8	161.2	3 649.4	210.4	60
527.5	723.0	6 417.9	286.7	825.0	5 077.2	1 407.5	243.2	16 162.0	539.9	61
390.0	469.6	3 676.4	540.8	406.7	2 664.7	319.9	232.8	4 138.7	207.3	62
947.4	1 097.3	8 707.6	468.2	736.2	4 839.2	1 626.3	273.9	18 482.2	427.5	63
519.3	177.2	2 516.7	97.0	88.7	550.9	260.0	13.4	2 719.4	228.4	64
523.2	153.8	3 025.9	98.8	82.7	635.6	189.1	20.0	3 139.7	75.5	65
81.3	21.2	900.1	13.1	(S)	74.0	63.1	(S)	376.2	(S)	66
41.6	(S)	336.9	(S)	(S)	(S)	(S)	(S)	197.7	(S)	67
(S)	(S)	134.8	(S)	(Z)	(Z)	(S)	(Z)	32.0	(Z)	68
(Z)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	69

Table 14. **Truck Miles by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Body type: Pickup	Mini-van	Panel or van	Utility	Station wagon	Multistop or walk-in
	EQUIPMENT TYPE[4]							
1	Braking system	102 319.4	(Z)	(Z)	(Z)	(Z)	(Z)	6 614.1
2	Hydraulic	12 039.2	(Z)	(Z)	(Z)	(Z)	(Z)	2 009.2
3	Hydraulic (power)	15 492.9	(Z)	(Z)	(Z)	(Z)	(Z)	2 625.0
4	Air	68 118.9	(Z)	(Z)	(Z)	(Z)	(Z)	273.6
5	Not reported	6 668.4	(Z)	(Z)	(Z)	(Z)	(Z)	1 706.2
6	Power steering[2]	259 245.5	149 400.3	18 905.6	42 536.0	33 063.9	11 974.4	774.5
7	Air conditioning[2]	178 771.8	90 806.0	16 965.3	30 930.0	26 444.1	10 623.8	591.8
8	Engine retarder[2]	717.2	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
9	Reflective materials[2]	5 965.2	(S)	(S)	13.1	(Z)	(Z)	137.5
10	Electronic vehicle management system[2]	326.5	(S)	(Z)	(S)	(Z)	(Z)	(Z)
11	Electronic vehicle identification device (transponder, etc.)[2]	97.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
12	Trip recorders[2]	190.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
13	Navigational systems[2]	27.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	FUEL CONSERVATION EQUIPMENT[2 4]							
14	Aerodynamic features	21 336.0	43.2	(S)	27.8	(S)	(Z)	721.8
15	Axle or drive ratio	15 505.0	22.0	(S)	17.9	(S)	(Z)	380.8
16	Fuel economy engine	14 071.7	(S)	(S)	14.0	(S)	(Z)	210.7
17	Radial tires	322 416.6	199 578.4	20 122.3	47 166.0	35 533.5	12 667.8	1 051.5
18	Road speed governor	3 209.8	(Z)	(Z)	(Z)	(Z)	(Z)	17.2
19	Variable fan drives	3 190.3	(S)	(Z)	(Z)	(Z)	(Z)	10.5
20	Other fuel conservation devices	1 806.4	(S)	(Z)	(Z)	(Z)	(Z)	(S)
	MAINTENANCE[2]							
	General maintenance:							
21	Owner	281 195.2	181 601.5	9 043.4	28 532.3	23 362.0	7 711.6	1 961.8
22	Company's maintenance facilities	79 912.9	17 622.7	1 222.5	5 796.1	2 064.1	479.8	2 225.4
23	Dealership's service department	84 748.2	41 662.0	9 642.0	10 385.6	10 166.1	3 945.5	741.5
24	Leasing company	5 092.9	942.5	(S)	270.7	127.3	(S)	95.6
25	Independent garage	146 529.2	76 937.2	6 836.7	24 184.5	14 574.9	4 615.0	2 289.2
26	Component distributorship	6 614.9	2 757.8	(S)	871.0	266.0	(S)	64.7
27	No one	3 744.5	2 430.3	(S)	529.5	414.9	(S)	(S)
28	Other	2 117.4	941.5	(S)	(S)	152.0	(S)	11.3
29	Not reported	18 013.9	9 878.0	845.1	2 074.2	1 255.3	288.7	296.8
	Major overhauls:							
30	Owner	67 696.4	43 914.3	312.0	6 136.4	4 388.9	1 854.8	632.8
31	Company's maintenance facilities	47 910.0	9 086.5	603.1	2 858.5	731.7	106.6	1 775.7
32	Dealership's service department	74 169.2	29 946.6	6 642.1	8 212.8	9 119.0	3 496.7	705.3
33	Leasing company	3 953.7	1 089.6	(S)	173.5	126.0	114.8	67.5
34	Independent garage	102 513.3	52 537.0	2 451.0	16 544.7	8 135.7	2 490.8	1 538.8
35	Component distributorship	16 041.6	5 129.7	228.9	1 778.9	1 099.1	296.7	214.2
36	No one	28 534.6	18 617.2	1 256.8	3 589.3	2 757.3	746.7	137.5
37	Other	2 696.1	1 433.9	(S)	449.7	(S)	(S)	12.2
38	Not reported	211 650.2	132 492.9	11 997.5	23 599.1	18 453.4	6 051.0	2 040.7
	ENGINE TYPE AND SIZE							
39	Engine	529 315.3	284 929.0	23 027.2	61 035.5	43 199.9	14 804.4	6 614.1
40	Gasoline	437 802.7	272 824.3	22 981.0	60 111.3	42 455.1	14 126.6	5 503.6
41	Diesel	90 859.0	11 811.2	(S)	823.9	738.4	677.6	1 092.5
42	LPG or other	548.2	241.2	(S)	(S)	(S)	(Z)	17.1
43	Not reported	105.4	52.3	(Z)	(S)	(S)	(S)	(S)
44	Cylinders[5]	529 315.3	284 929.0	23 027.2	61 035.5	43 199.9	14 804.4	6 614.1
45	4	97 768.5	75 308.6	12 707.1	1 846.0	5 614.6	1 808.9	173.2
46	6	159 267.5	61 582.1	9 225.9	13 376.4	22 103.2	2 358.3	1 884.3
47	8	234 029.6	138 978.5	718.4	44 236.7	14 218.0	10 051.7	4 049.2
48	Other	178.9	97.4	(Z)	(Z)	(Z)	(Z)	(S)
49	Not reported	38 070.9	8 962.3	375.8	1 576.4	1 264.1	585.4	503.6
50	Cubic inch displacement	529 209.9	284 876.7	23 027.2	61 023.8	43 198.7	14 804.1	6 613.2
51	Gasoline engines	437 802.7	272 824.3	22 981.0	60 111.3	42 455.1	14 126.6	5 503.6
52	Less than 200	135 134.4	91 005.6	16 859.3	2 338.7	21 422.3	3 276.3	(S)
53	200 to 299	45 539.2	25 461.3	4 877.2	6 705.8	5 509.9	983.0	1 114.3
54	300 to 349	113 137.0	72 294.6	494.7	27 340.1	7 150.9	1 839.8	1 357.8
55	350 to 399	110 157.4	63 070.5	385.1	20 646.5	6 382.7	6 689.9	2 357.0
56	400 or more	24 088.4	15 642.5	(S)	2 026.1	967.5	1 197.9	371.7
57	Not reported[6]	9 746.3	5 349.8	291.5	1 054.2	1 021.8	139.6	198.7
58	Diesel engines	90 859.0	11 811.2	(S)	823.9	738.4	677.6	1 092.5
59	Less than 400	14 609.8	6 293.3	(S)	334.0	710.9	676.4	566.3
60	400 to 599	16 143.7	4 376.9	(S)	445.8	(S)	(Z)	264.9
61	600 to 799	13 204.2	(S)	(Z)	(S)	(S)	(Z)	33.1
62	800 or more	36 730.9	(S)	(Z)	(S)	(Z)	(Z)	117.4
63	Not reported[6]	10 170.4	1 138.2	(Z)	38.1	(S)	(S)	110.8
64	Other engines	548.2	241.2	(S)	(S)	(S)	(Z)	17.1
65	Less than 400	463.9	222.4	(S)	(S)	(S)	(Z)	12.8
66	400 or more	57.1	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
67	Not reported[6]	27.3	(S)	(Z)	(Z)	(Z)	(Z)	(S)
68	Horsepower	529 209.9	284 876.7	23 027.2	61 023.8	43 198.7	14 804.1	6 613.2
69	Gasoline engines	437 802.7	272 824.3	22 981.0	60 111.3	42 455.1	14 126.6	5 503.6
70	Less than 100	58 109.7	44 380.2	5 724.6	2 501.7	4 216.5	1 063.1	(S)
71	100 to 199	324 699.6	197 170.1	15 400.4	52 142.7	33 400.7	10 522.0	4 398.6
72	200 to 249	27 055.7	16 192.9	(S)	2 923.6	1 005.0	1 594.6	595.3
73	250 or more	3 375.2	1 387.5	(S)	304.9	113.5	100.2	88.0
74	Not reported[6]	24 562.3	13 693.5	1 743.0	2 238.5	3 719.4	846.7	355.8

See footnotes at end of table.

Body type—Con.										
Platform with added devices	Low boy or depressed center	Basic platform	Livestock truck	Insulated nonrefrigerated van	Insulated refrigerated van	Drop-frame van	Open-top van	Basic enclosed van	Beverage	
2 507.6	1 926.7	19 299.3	1 226.0	1 341.9	8 783.1	2 466.6	546.1	29 086.1	941.6	1
553.2	129.4	3 635.2	103.1	71.5	333.1	234.3	19.2	2 009.6	162.8	2
715.8	105.5	3 533.9	152.7	104.2	546.9	247.0	16.5	2 856.3	227.6	3
1 096.6	1 607.8	11 003.8	921.8	1 134.0	7 518.3	1 832.5	487.5	22 566.3	482.6	4
141.9	84.0	1 126.4	48.3	32.1	384.7	152.9	22.9	1 653.7	68.6	5
(S)	29.5	367.5	(S)	89.2	402.2	74.1	(S)	1 224.8	8.4	6
(S)	25.2	290.7	(S)	91.8	402.8	85.9	(S)	1 243.8	(S)	7
(S)	17.8	74.0	(S)	12.3	181.0	(S)	(S)	272.6	(S)	8
(S)	35.9	519.0	45.7	296.8	978.6	246.4	25.9	3 286.7	(S)	9
(S)	(S)	30.7	(Z)	11.2	74.2	(S)	(Z)	166.4	(S)	10
(S)	(Z)	10.4	(Z)	(S)	33.1	(S)	(Z)	42.3	(Z)	11
(S)	(Z)	13.5	(Z)	(S)	34.9	(S)	(Z)	87.1	(S)	12
(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(S)	(S)	13
49.4	130.5	1 829.8	136.9	610.4	3 513.2	952.9	139.3	12 109.7	24.6	14
37.0	100.9	1 266.7	88.9	539.3	2 522.9	588.3	116.1	8 980.6	14.8	15
29.2	88.7	1 138.5	82.4	498.5	2 225.2	568.7	117.7	8 287.1	15.0	16
29.1	41.6	624.6	49.4	310.5	1 037.4	216.5	26.8	3 461.3	13.5	17
(S)	29.1	272.4	41.9	105.9	565.9	127.7	(S)	1 759.1	12.5	18
(S)	33.2	246.1	44.2	116.4	558.3	135.7	(S)	1 718.0	12.5	19
(S)	26.2	163.1	(S)	80.1	368.8	50.3	(S)	983.9	(S)	20
922.9	628.7	7 258.7	619.2	328.8	2 043.7	524.7	178.0	6 030.1	158.4	21
1 001.2	1 051.1	7 715.7	382.6	701.1	4 957.5	1 140.7	339.2	17 674.1	612.4	22
295.9	160.0	1 802.8	131.7	204.2	918.7	290.3	34.7	2 562.3	93.8	23
28.6	38.6	741.9	(S)	38.4	533.5	72.7	(S)	1 327.4	22.0	24
586.6	285.4	4 016.7	316.7	180.6	1 589.6	612.2	55.5	5 210.5	185.2	25
38.9	35.2	323.3	6.7	3.1	374.4	54.8	(S)	692.9	20.1	26
12.2	(S)	47.7	(S)	(S)	(S)	(S)	(S)	18.7	(S)	27
(S)	(S)	142.4	(S)	(S)	84.1	(S)	(Z)	201.2	(S)	28
76.3	61.9	699.0	33.0	57.2	356.7	180.5	11.6	1 087.1	26.5	29
283.7	205.7	2 541.2	151.1	119.6	814.2	139.4	53.5	2 777.7	73.9	30
495.0	585.1	4 495.4	161.1	354.4	3 302.1	720.6	165.0	13 098.1	388.5	31
464.3	326.4	3 134.5	357.2	385.0	1 837.0	470.5	88.9	4 073.7	136.9	32
34.2	(S)	496.8	8.0	26.6	374.0	38.7	(S)	899.0	27.3	33
668.4	359.6	4 416.0	294.4	192.4	1 476.4	655.6	88.3	4 620.7	228.8	34
140.5	163.4	1 275.9	99.9	137.9	831.2	205.6	43.0	2 225.4	49.7	35
36.1	21.7	417.5	26.5	(S)	94.7	23.4	2.5	407.5	7.8	36
(S)	(S)	140.5	(S)	(S)	56.5	(S)	(S)	198.1	(S)	37
630.3	417.8	4 189.8	237.8	231.6	1 330.5	459.6	141.5	4 198.2	147.8	38
2 507.6	1 926.7	19 299.3	1 226.0	1 341.9	8 783.1	2 466.6	546.1	29 086.1	941.6	39
1 196.4	275.9	6 546.0	224.1	113.3	570.5	377.6	29.7	2 899.5	395.7	40
1 300.3	1 650.7	12 711.5	988.1	1 228.6	8 199.2	2 086.6	516.4	26 174.6	534.6	41
(S)	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(S)	11.3	42
(S)	(S)	12.6	(S)	(Z)	(Z)	(S)	(S)	(S)	(Z)	43
2 507.6	1 926.7	19 299.3	1 226.0	1 341.9	8 783.1	2 466.6	546.1	29 086.1	941.6	44
(S)	(S)	115.6	(S)	(S)	30.8	(S)	(S)	104.5	(S)	45
749.1	865.5	7 294.1	591.0	892.6	6 055.7	1 358.6	333.9	18 506.7	212.0	46
1 132.5	412.9	6 322.6	245.3	168.8	798.8	354.1	34.0	4 071.3	491.9	47
(Z)	(S)	14.5	(S)	(Z)	(S)	(S)	(Z)	42.5	(S)	48
620.9	640.4	5 552.5	387.5	275.0	1 894.7	746.7	172.5	6 361.0	234.6	49
2 507.4	1 926.6	19 286.7	1 215.0	1 341.9	8 783.1	2 464.2	546.1	29 084.0	941.6	50
1 196.4	275.9	6 546.0	224.1	113.3	570.5	377.6	29.7	2 899.5	395.7	51
(S)	(S)	61.9	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	52
63.4	4.5	286.4	10.5	(S)	(S)	25.5	(S)	140.6	(S)	53
125.8	24.5	917.6	16.2	(S)	99.0	54.6	1.8	566.7	35.5	54
704.0	77.7	3 500.2	116.5	69.0	319.9	207.3	13.2	1 526.9	239.7	55
206.9	72.4	1 321.0	62.4	8.7	82.1	55.6	(S)	370.3	73.5	56
95.3	(S)	458.9	17.9	16.0	57.1	34.6	6.6	280.7	38.7	57
1 300.3	1 650.7	12 711.5	988.1	1 228.6	8 199.2	2 086.6	516.4	26 174.6	534.6	58
176.0	119.5	1 374.6	69.4	60.8	404.1	171.7	32.3	2 000.0	54.6	59
359.8	218.7	1 784.8	96.2	73.4	910.5	250.3	13.6	3 970.6	227.1	60
280.0	290.0	1 553.5	72.1	95.8	764.1	416.6	78.9	3 589.8	154.4	61
329.0	739.6	6 316.7	557.0	801.9	5 314.3	986.0	330.3	13 946.0	42.6	62
155.7	282.9	1 682.0	193.4	196.6	806.2	262.0	61.2	2 668.2	55.9	63
(S)	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(S)	11.3	64
(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(S)	9.1	65
(Z)	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(S)	(S)	66
(S)	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	67
2 507.4	1 926.6	19 286.7	1 215.0	1 341.9	8 783.1	2 464.2	546.1	29 084.0	941.6	68
1 196.4	275.9	6 546.0	224.1	113.3	570.5	377.6	29.7	2 899.5	395.7	69
8.6	(S)	50.5	7.8	(S)	(S)	(Z)	(Z)	18.8	(Z)	70
660.5	88.0	4 046.6	113.4	71.9	331.2	214.8	19.5	1 878.0	194.0	71
325.5	54.7	1 394.1	47.1	17.9	114.2	96.6	5.1	602.8	140.0	72
79.4	39.8	468.2	25.0	(S)	64.1	24.8	(S)	153.0	13.9	73
122.3	(S)	586.6	30.7	20.8	56.4	41.5	4.8	247.0	47.8	74

Table 14. **Truck Miles by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Total	Body type: Pickup	Mini-van	Panel or van	Utility	Station wagon	Multistop or walk-in
	ENGINE TYPE AND SIZE—Con.							
	Horsepower—Con.							
1	Diesel engines	90 859.0	11 811.2	(S)	823.9	738.4	677.6	1 092.5
2	Less than 250	27 209.6	9 159.5	(S)	668.8	708.1	538.9	671.9
3	250 to 349	27 416.5	59.4	(S)	(S)	(S)	(S)	83.0
4	350 to 449	25 290.2	(S)	(Z)	(S)	(Z)	(Z)	60.2
5	450 or more	718.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
6	Not reported[6]	10 224.1	2 588.8	(Z)	148.4	(S)	(S)	277.4
7	Other engines	548.2	241.2	(S)	(S)	(S)	(Z)	17.1
8	Less than 250	465.5	201.1	(S)	(S)	(S)	(Z)	12.8
9	250 or more	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
10	Not reported[6]	36.5	(S)	(Z)	(Z)	(Z)	(Z)	(S)
	TRUCK TYPE AND AXLE ARRANGEMENT							
11	Single-unit trucks	462 035.2	281 790.2	23 027.2	60 777.0	43 079.1	14 592.0	6 393.1
12	2 axles	454 822.5	281 790.2	23 027.2	60 777.0	43 079.1	14 592.0	6 342.7
13	3 axles	5 946.0	(Z)	(Z)	(Z)	(Z)	(Z)	50.1
14	4 axles or more	1 266.7	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
15	Combinations	67 280.1	3 138.7	(Z)	258.6	120.7	212.4	221.0
16	Single-unit truck with trailer	1 476.1	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
17	4 axles	519.6	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
18	5 axles or more	956.5	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
19	Single-unit truck with utility trailer	6 053.6	3 136.6	(Z)	258.6	120.7	212.4	28.9
20	3 axles	2 227.0	1 521.5	(Z)	(S)	(S)	(S)	(S)
21	4 axles	2 992.9	1 572.7	(Z)	(S)	(S)	204.8	(S)
22	5 axles or more	833.6	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
23	Truck-tractor with single trailer	57 056.1	(Z)	(Z)	(Z)	(Z)	(Z)	149.4
24	3 axles	2 455.8	(Z)	(Z)	(Z)	(Z)	(Z)	23.9
25	4 axles	10 008.7	(Z)	(Z)	(Z)	(Z)	(Z)	53.6
26	5 axles or more	44 591.6	(Z)	(Z)	(Z)	(Z)	(Z)	71.8
27	Truck-tractor with double trailers	2 653.7	(Z)	(Z)	(Z)	(Z)	(Z)	14.0
28	5 axles	2 181.8	(Z)	(Z)	(Z)	(Z)	(Z)	14.0
29	6 axles	304.2	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
30	7 axles or more	167.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
31	Truck-tractor with triple trailers	38.5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
32	7 axles	34.7	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
33	8 axles or more	3.9	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
34	Trailer not specified	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
35	Powered axles	529 315.3	284 929.0	23 027.2	61 035.5	43 199.9	14 804.4	6 614.1
36	1	379 426.0	231 253.4	23 027.2	61 035.5	7 995.4	7 443.2	6 245.6
37	2	148 979.8	53 675.5	(Z)	(Z)	35 204.4	7 361.2	(S)
38	3 or more	909.4	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
39	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	CAB TYPE[7]							
40	Cab forward of engine	1 243.0	(Z)	(Z)	(Z)	(Z)	(Z)	110.3
41	Cab over engine	32 020.3	(Z)	(Z)	(Z)	(Z)	(Z)	1 692.2
42	Conventional cab	61 442.0	(Z)	(Z)	(Z)	(Z)	(Z)	1 856.8
43	Cab beside engine	494.7	(Z)	(Z)	(Z)	(Z)	(Z)	278.7
44	Other	1 382.6	(Z)	(Z)	(Z)	(Z)	(Z)	740.7
45	Not reported	5 736.7	(Z)	(Z)	(Z)	(Z)	(Z)	1 935.3
	PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS							
46	Total	426 995.9	284 929.0	23 027.2	61 035.5	43 199.9	14 804.4	(Z)
47	Pickups	284 929.0	284 929.0	(Z)	(Z)	(Z)	(Z)	(Z)
48	Mini-vans	23 027.2	(Z)	23 027.2	(Z)	(Z)	(Z)	(Z)
49	Panels or vans	61 035.5	(Z)	(Z)	61 035.5	(Z)	(Z)	(Z)
50	Utilities	43 199.9	(Z)	(Z)	(Z)	43 199.9	(Z)	(Z)
51	Station wagons	14 804.4	(Z)	(Z)	(Z)	(Z)	14 804.4	(Z)
52	Driving wheels	426 995.9	284 929.0	23 027.2	61 035.5	43 199.9	14 804.4	(Z)
53	4-wheel drive	96 241.2	53 675.5	(Z)	(Z)	35 204.4	7 361.2	(Z)
54	2-wheel drive	330 754.7	231 253.4	23 027.2	61 035.5	7 995.4	7 443.2	(Z)
55	Front-wheel drive	16 633.2	4 220.7	8 857.0	968.7	1 729.1	857.8	(Z)
56	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

See footnotes at end of table.

Body type—Con.										
Platform with added devices	Low boy or depressed center	Basic platform	Livestock truck	Insulated nonrefrigerated van	Insulated refrigerated van	Drop-frame van	Open-top van	Basic enclosed van	Beverage	
1 300.3	1 650.7	12 711.5	988.1	1 228.6	8 199.2	2 086.6	516.4	26 174.6	534.6	1
559.2	275.6	2 336.9	94.6	127.9	986.2	434.6	32.4	4 773.0	429.9	2
351.9	516.7	3 754.1	216.9	361.0	2 170.5	860.6	173.2	11 730.8	34.2	3
218.1	634.1	5 202.2	586.9	596.9	4 158.1	569.7	266.4	7 167.9	27.8	4
(Z)	34.4	135.6	8.6	(S)	139.9	24.8	(S)	169.7	(S)	5
171.1	190.0	1 282.7	81.2	136.8	744.4	196.8	37.1	2 333.1	41.7	6
(S)	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(S)	11.3	7
(S)	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(S)	11.3	8
(Z)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	9
(S)	(Z)	(S)	(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	10
1 992.1	71.3	7 552.7	219.3	224.0	1 530.7	455.2	52.5	5 875.1	636.8	11
1 503.4	53.3	6 929.4	200.1	205.8	1 312.2	446.0	35.9	5 654.8	626.2	12
389.2	14.2	560.3	14.8	18.2	213.9	8.4	15.6	220.1	(S)	13
99.5	(S)	63.0	(S)	(Z)	(S)	(S)	(S)	(S)	(S)	14
515.5	1 855.3	11 746.6	1 006.7	1 117.9	7 252.4	2 011.4	493.6	23 211.0	304.8	15
21.8	77.2	395.2	49.7	(S)	(S)	10.5	17.4	132.0	(S)	16
(S)	32.4	219.1	16.6	(S)	(S)	(S)	(S)	29.8	(S)	17
9.0	44.8	176.1	(S)	(S)	(S)	8.6	15.0	102.2	(Z)	18
98.2	123.6	911.8	44.3	13.1	(S)	(S)	(S)	79.7	(S)	19
19.7	18.7	212.1	(S)	(S)	(S)	(S)	(Z)	30.2	(S)	20
38.8	73.0	541.8	37.1	(Z)	(S)	(S)	(S)	26.6	(S)	21
39.7	31.9	158.0	4.6	(S)	(S)	(S)	.7	22.9	(Z)	22
387.9	1 636.6	10 172.6	911.4	1 092.8	7 174.8	1 824.7	467.6	21 253.4	296.7	23
16.0	25.2	302.9	6.5	21.6	190.3	213.9	(S)	1 295.7	187.0	24
56.6	340.2	1 463.1	124.7	139.3	724.9	692.4	41.4	4 690.8	76.7	25
315.2	1 271.2	8 406.6	780.2	931.8	6 259.5	918.4	422.4	15 266.9	33.0	26
(S)	16.5	265.9	(S)	(S)	(S)	154.4	7.2	1 713.5	(S)	27
(S)	10.3	199.6	(Z)	(S)	(S)	134.6	(S)	1 479.5	(S)	28
(Z)	(S)	31.8	(Z)	(Z)	(S)	(S)	(S)	216.7	(Z)	29
(S)	(S)	34.4	(S)	(Z)	2.9	14.8	(S)	17.3	(Z)	30
(Z)	(S)	(S)	(Z)	(S)	(Z)	(S)	(Z)	32.3	(Z)	31
(Z)	(S)	(Z)	(Z)	(S)	(Z)	(S)	(Z)	32.3	(Z)	32
(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	33
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	34
2 507.6	1 926.7	19 299.3	1 226.0	1 341.9	8 783.1	2 466.6	546.1	29 086.1	941.6	35
1 674.3	648.5	9 719.2	375.2	357.3	2 183.9	1 637.2	79.9	13 551.1	871.2	36
806.3	1 227.7	9 453.2	838.2	972.7	6 512.7	826.7	446.4	15 355.1	66.5	37
27.0	50.4	126.9	(S)	(S)	86.5	(S)	19.8	179.9	(S)	38
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	39
28.4	33.1	220.0	10.4	5.8	67.5	25.7	(S)	332.0	11.8	40
348.2	477.2	5 475.1	538.4	557.0	3 745.4	1 613.7	152.4	13 399.8	124.4	41
2 022.8	1 381.0	12 478.8	598.6	741.2	4 580.5	735.2	371.8	13 718.0	781.9	42
1.3	5.4	43.0	(S)	(S)	12.9	(S)	(S)	71.6	.6	43
28.7	(S)	169.5	(S)	(S)	58.2	22.2	(S)	122.6	(S)	44
78.3	26.9	913.0	68.4	26.4	318.5	66.5	7.7	1 442.0	22.6	45
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	46
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	47
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	48
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	49
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	50
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	51
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	52
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	53
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	54
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	55
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	56

Table 14. **Truck Miles by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Body type—Con.						
		Public utility	Winch or crane	Wrecker	Pole or logging	Auto transport	Service truck	Yard tractor
1	**Total trucks**	**1 117.0**	**678.0**	**1 294.6**	**1 576.0**	**863.0**	**1 329.9**	**30.0**
2	Relative standard error (percent)	6.3	8.8	8.1	4.6	8.3	6.4	17.4
	MAJOR USE							
3	Agriculture	(S)	14.3	(S)	(S)	(S)	17.6	(S)
4	Forestry and lumbering	(S)	(S)	(S)	1 169.4	(Z)	9.3	1.1
5	Mining and quarrying	(S)	34.0	(S)	(S)	(Z)	40.8	(Z)
6	Construction	137.6	250.8	25.1	27.0	(S)	750.2	(S)
7	Manufacturing	(S)	48.2	(S)	11.3	(S)	22.8	6.1
8	Wholesale trade	(S)	46.6	30.6	(S)	73.7	29.8	6.1
9	Retail trade	18.0	39.8	516.9	(S)	57.0	83.6	4.3
10	For-hire transportation	(S)	69.5	204.1	343.3	651.2	(S)	3.6
11	Utilities	902.7	14.9	(S)	(S)	(Z)	141.4	(Z)
12	Services	28.7	154.5	503.9	(S)	45.7	190.1	2.4
13	Daily rental	(S)	3.7	(Z)	(S)	(Z)	(S)	(S)
14	One way rental	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
15	Personal transportation	(S)	(S)	(S)	(S)	(S)	17.8	(Z)
16	Other	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
17	Not in use	(S)	(S)	(S)	(Z)	(Z)	.3	(Z)
18	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	ANNUAL MILES							
19	Less than 5,000	78.4	25.8	73.7	24.0	4.7	56.5	6.0
20	5,000 to 9,999	297.9	76.0	152.8	38.2	10.6	140.2	2.5
21	10,000 to 19,999	511.5	100.3	381.1	110.2	25.2	380.3	6.3
22	20,000 to 29,999	161.0	99.5	262.1	99.6	47.6	441.3	7.4
23	30,000 to 49,999	47.7	193.4	197.1	321.6	120.7	240.9	5.4
24	50,000 to 74,999	19.3	84.8	160.2	484.0	271.0	70.8	(S)
25	75,000 or more	(S)	98.2	(S)	498.4	383.3	(Z)	(Z)
	RANGE OF OPERATION							
26	Local	872.6	411.4	1 122.3	635.9	54.8	808.2	12.8
27	Short-range	196.4	192.4	142.7	823.5	282.0	404.1	2.4
28	Long-range	6.7	50.1	(S)	66.4	525.2	70.4	(S)
29	Off-the-road	41.4	24.1	17.3	50.2	1.1	47.2	14.8
30	Not reported	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
	BASE OF OPERATION							
	Percentage of miles traveled outside base-of-operation State:							
31	Less than 25 percent	1 000.2	551.3	1 098.4	1 300.2	135.0	1 079.7	28.7
32	25 to 49 percent	27.1	36.5	36.5	71.5	117.5	50.0	(Z)
33	50 to 74 percent	16.4	34.0	11.4	46.0	229.4	82.0	(S)
34	75 to 100 percent	8.5	15.6	11.2	37.0	323.1	45.8	(Z)
35	Not reported	64.7	40.7	137.1	121.3	57.9	72.5	1.2
	VEHICLE SIZE							
36	Light	485.3	85.2	682.5	24.0	16.8	872.0	(S)
37	Medium	296.7	127.0	429.5	(S)	38.9	355.6	1.7
38	Light-heavy	177.4	75.7	76.3	47.1	24.9	70.4	3.1
39	Heavy-heavy	157.7	390.1	106.3	1 465.6	782.4	31.8	24.6
	AVERAGE WEIGHT (POUNDS)							
40	Less than 6,001	108.9	(S)	123.1	(S)	(S)	199.8	(Z)
41	6,001 to 10,000	376.4	63.6	559.4	15.4	14.2	672.3	(S)
42	10,001 to 14,000	166.4	68.1	324.6	(S)	19.5	225.5	(S)
43	14,001 to 16,000	49.1	28.6	54.9	(S)	(S)	60.6	(S)
44	16,001 to 19,500	81.2	30.3	(S)	(S)	(S)	69.5	(S)
45	19,501 to 26,000	177.4	75.7	76.3	47.1	24.9	70.4	3.1
46	26,001 to 33,000	115.2	73.2	52.1	51.9	(S)	20.6	9.5
47	33,001 to 40,000	24.2	65.1	10.7	32.9	7.9	(S)	4.2
48	40,001 to 50,000	11.1	99.9	27.6	67.3	(S)	7.0	3.4
49	50,001 to 60,000	(S)	71.6	(S)	41.1	71.6	(S)	(S)
50	60,001 to 80,000	(S)	55.8	8.7	1 106.6	659.1	(Z)	5.8
51	80,001 to 100,000	(Z)	(S)	(S)	160.0	(S)	(Z)	(Z)
52	100,001 to 130,000	(Z)	(S)	(Z)	(S)	(S)	(Z)	(Z)
53	130,001 or more	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)
54	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	TOTAL LENGTH (FEET)							
55	Less than 13.0	20.0	(S)	(S)	(S)	(S)	45.7	(S)
56	13.0 to 15.9	82.0	(S)	73.8	(S)	(S)	87.9	(S)
57	16.0 to 19.9	358.7	80.7	438.7	16.2	(S)	587.6	(S)
58	20.0 to 27.9	472.0	199.5	597.8	114.5	47.1	552.8	(S)
59	28.0 to 35.9	136.2	232.6	67.4	105.8	10.0	39.2	(S)
60	36.0 to 40.9	21.7	23.1	(S)	67.9	3.1	4.9	(S)
61	41.0 to 44.9	(S)	(S)	(S)	22.0	(S)	(S)	(Z)
62	45.0 or more	23.6	118.4	(S)	1 245.0	793.1	(S)	23.3
63	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Body type—Con.									Relative stardard error of estimate (percent) for total	
Oilfield truck	Grain body	Garbage hauler	Dump truck	Tank truck (liquids or gases)	Tank truck (dry bulk)	Concrete mixer	Other	Not reported		
316.2	**1 974.6**	**1 025.1**	**8 888.3**	**5 937.5**	**1 364.0**	**778.1**	**408.1**	**(Z)**		1
12.7	3.9	6.4	2.1	2.9	6.6	5.3	15.2	(Z)		2
(S)	1 311.3	(S)	439.4	516.7	163.8	(S)	(S)	(Z)	3.7	3
(Z)	(S)	(S)	115.0	3.7	(S)	(Z)	(Z)	(Z)	7.3	4
186.8	(S)	(Z)	592.5	212.5	57.9	(S)	(Z)	(Z)	8.1	5
46.4	(S)	96.6	4 340.1	331.0	166.4	638.0	9.1	(Z)	2.7	6
1.9	21.3	15.0	203.6	548.5	103.5	87.6	36.9	(Z)	5.2	7
(S)	(S)	(S)	88.0	1 029.8	30.4	2.6	(S)	(Z)	4.1	8
8.1	8.2	(S)	130.2	762.0	31.5	34.8	14.3	(Z)	4.1	9
31.2	589.5	36.2	2 500.3	2 312.5	795.2	5.1	240.2	(Z)	1.4	10
3.8	(Z)	54.1	101.7	54.2	(Z)	(Z)	(S)	(Z)	8.2	11
(S)	13.4	788.1	258.8	147.6	(S)	(S)	69.7	(Z)	3.9	12
(Z)	.5	(S)	66.1	(S)	(S)	(Z)	(S)	(Z)	7.8	13
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	9.7	14
(Z)	4.4	(Z)	41.7	(S)	(S)	(Z)	(S)	(Z)	.9	15
(Z)	(Z)	(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(S)	16
(Z)	(S)	(S)	1.6	(S)	(Z)	(Z)	(Z)	(Z)	28.7	17
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	18
13.8	315.3	17.3	427.4	100.3	9.8	20.4	8.6	(Z)	1.6	19
35.8	215.6	48.6	659.1	205.6	24.9	81.5	16.9	(Z)	1.3	20
92.3	161.3	177.0	1 262.0	601.9	56.1	295.6	36.2	(Z)	1.1	21
67.9	90.0	225.3	1 086.2	481.0	56.5	248.2	29.6	(Z)	2.2	22
48.1	223.8	283.5	1 770.4	663.7	134.6	81.2	86.3	(Z)	3.4	23
25.8	345.7	138.0	1 864.3	1 113.7	303.4	32.6	83.6	(Z)	4.6	24
(S)	622.9	135.5	1 819.0	2 771.4	778.7	(S)	147.0	(Z)	1.8	25
153.8	884.3	849.4	5 644.5	2 175.3	240.6	726.5	95.1	(Z)	.8	26
83.1	651.3	157.7	2 460.8	2 444.3	710.7	24.5	165.7	(Z)	2.0	27
6.8	341.5	(S)	405.1	1 152.3	402.2	(S)	138.3	(Z)	2.0	28
72.6	89.5	12.2	377.6	157.7	10.4	25.2	(S)	(Z)	5.5	29
(Z)	(S)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	11.5	30
219.1	1 308.7	945.3	7 439.6	3 778.5	653.4	714.4	235.0	(Z)	.7	31
18.7	205.6	(S)	369.7	680.3	238.5	7.5	(S)	(Z)	3.8	32
11.1	156.8	4.9	330.6	577.2	179.3	2.8	(S)	(Z)	3.4	33
(S)	154.5	(S)	232.7	579.1	177.6	(S)	44.3	(Z)	2.4	34
64.6	149.0	58.2	515.7	322.3	115.1	52.1	35.5	(Z)	2.8	35
56.5	31.6	11.1	410.4	79.6	(S)	(Z)	(S)	(Z)	.6	36
77.5	144.0	48.1	512.4	267.6	14.5	(S)	96.0	(Z)	3.2	37
35.3	220.3	73.0	739.1	600.2	35.3	13.8	60.9	(Z)	2.3	38
146.9	1 578.7	892.8	7 226.3	4 990.0	1 312.1	760.3	179.0	(Z)	.7	39
(S)	2.9	(S)	71.9	(S)	(Z)	(Z)	(S)	(Z)	.7	40
55.3	28.7	9.2	338.6	63.3	(S)	(Z)	(S)	(Z)	3.5	41
(S)	52.0	12.3	231.6	83.5	(S)	(S)	6.2	(Z)	4.9	42
(S)	36.2	(S)	113.7	58.7	(S)	(Z)	59.2	(Z)	6.9	43
(S)	55.7	19.6	167.2	125.4	4.9	(S)	30.6	(Z)	4.6	44
35.3	220.3	73.0	739.0	600.2	35.3	13.8	60.9	(Z)	2.3	45
9.7	149.0	110.1	497.7	383.5	33.5	19.4	62.2	(Z)	2.9	46
21.9	65.6	142.6	281.3	179.3	17.1	44.9	43.9	(Z)	3.1	47
31.4	185.4	294.9	1 116.2	303.5	90.1	189.3	(S)	(Z)	2.4	48
30.0	85.6	235.9	750.1	174.6	18.1	234.0	(S)	(Z)	2.7	49
41.9	1 009.0	90.4	4 117.3	3 742.2	1 053.8	265.7	38.5	(Z)	1.0	50
11.7	52.7	16.7	300.9	137.5	43.3	(S)	(Z)	(Z)	4.8	51
(S)	25.4	(S)	95.4	47.1	49.9	(Z)	(Z)	(Z)	8.1	52
(Z)	(S)	(Z)	67.4	22.4	6.3	(Z)	(Z)	(Z)	14.2	53
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	54
(S)	(S)	(S)	25.0	10.5	(S)	(S)	(S)	(Z)	3.4	55
(S)	11.2	(S)	136.5	32.7	(S)	(S)	(S)	(Z)	1.7	56
63.6	57.8	17.2	760.5	169.2	12.0	16.8	58.7	(Z)	1.1	57
103.1	497.8	246.6	2 948.7	1 149.1	76.7	262.5	38.7	(Z)	1.5	58
67.0	193.7	630.2	1 146.0	363.9	54.6	377.9	(S)	(Z)	3.3	59
14.5	15.1	60.9	570.7	90.7	16.1	98.4	(S)	(Z)	7.9	60
2.4	(S)	(S)	276.6	61.4	(S)	(S)	(S)	(Z)	11.2	61
61.1	1 189.3	56.6	3 024.2	4 060.1	1 188.0	11.6	210.5	(Z)	.8	62
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	63

Table 14. **Truck Miles by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Body type—Con.						
		Public utility	Winch or crane	Wrecker	Pole or logging	Auto transport	Service truck	Yard tractor
	YEAR MODEL							
1	1988	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
2	1987	97.2	57.5	55.2	60.8	35.6	83.9	(Z)
3	1986	124.6	57.4	169.8	62.1	51.2	142.8	(S)
4	1985	121.4	57.8	95.8	97.7	82.7	145.2	(S)
5	1984	104.5	49.4	65.4	68.2	114.4	124.8	(S)
6	1983	90.0	24.3	84.0	40.4	39.9	79.0	(Z)
7	1982	75.6	8.0	74.3	62.5	25.9	91.1	(S)
8	1981	64.8	31.5	45.8	71.7	18.0	75.9	(S)
9	1980	112.3	53.5	59.1	166.8	42.1	120.8	1.3
10	1979	100.8	58.8	95.8	172.8	122.1	82.2	1.7
11	1978	87.6	58.8	89.0	106.1	85.5	52.8	(S)
12	Pre-1978	138.5	220.9	460.3	664.0	245.7	329.6	20.9
13	Not reported	(Z)	(S)	(Z)	(S)	(Z)	(S)	(Z)
	VEHICLE ACQUISITION							
14	Purchased new	865.4	359.5	581.7	587.9	537.8	836.3	9.4
15	Purchased used	136.7	275.4	665.9	950.6	286.8	428.5	19.8
16	Leased from someone else	102.2	33.3	14.3	14.4	(S)	55.0	(S)
17	Not reported	12.7	(S)	32.7	23.1	(S)	(S)	(S)
	LEASE CHARACTERISTICS[1 2]							
18	Leased without driver	88.3	51.3	25.2	39.1	44.8	78.4	(S)
19	Leased with driver	(S)	3.6	(S)	18.0	(S)	(S)	(Z)
20	Leased with owner-operator	12.6	(S)	(S)	13.0	41.0	29.5	(Z)
21	Not reported	(S)	(Z)	(S)	(Z)	(Z)	(S)	(Z)
	Provisions of lease:							
22	Financing	89.5	23.0	22.0	11.3	(S)	50.7	(S)
23	Full maintenance	(S)	(S)	(S)	(S)	(S)	9.7	(S)
24	Maintenance on specific parts	(S)	(S)	(Z)	(S)	(Z)	(Z)	(Z)
25	Payment of taxes	(S)	4.4	(S)	(S)	21.9	(S)	(Z)
26	Obtaining licenses and permits	(S)	26.0	(S)	13.3	47.6	7.7	(Z)
27	Record keeping for leased trucks	3.4	(S)	(S)	19.9	39.0	(S)	(Z)
28	Other	(S)	(S)	(S)	(S)	(S)	(S)	(Z)
	OPERATOR CLASSIFICATION							
29	Not for hire	1 111.4	604.4	1 090.1	1 226.9	211.8	1 303.6	25.9
30	Business use	1 110.4	603.9	1 078.4	1 225.1	208.6	1 280.6	25.9
31	Personal transportation	(S)	.4	(S)	(S)	(S)	17.8	(Z)
32	Mixed-business use/personal transportation	(Z)	(Z)	(S)	(Z)	(S)	(S)	(Z)
33	For hire	(S)	69.5	204.5	343.3	651.2	(S)	3.6
34	Motor carrier	(S)	50.2	128.5	142.1	591.3	(S)	1.6
35	Owner/operator	(S)	(S)	74.0	193.4	59.9	(S)	(S)
36	Independent	(S)	(S)	74.0	171.5	15.4	(S)	(S)
37	Leased to a company	(Z)	(S)	(Z)	21.9	44.5	(Z)	(Z)
38	Not reported	(Z)	(S)	(S)	7.8	(Z)	(Z)	(Z)
39	Daily rental	(S)	3.7	(Z)	(S)	(Z)	(S)	(S)
40	Mixed-not for hire/for hire	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
	For-hire jurisdiction:							
41	Interstate	(Z)	35.2	13.7	52.1	472.3	(S)	(S)
42	Intrastate	(Z)	(S)	29.2	216.1	157.9	(S)	(S)
43	Local	(S)	11.6	160.8	75.1	21.0	(S)	(S)
44	Not reported	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
	Type of carrier (interstate only):							
45	Contract	(Z)	(S)	(S)	9.5	240.0	(Z)	(Z)
46	Common	(Z)	(S)	(S)	29.0	224.2	(Z)	(S)
47	Exempt	(Z)	(S)	(Z)	(S)	(S)	(S)	(Z)
48	Not reported	(Z)	(Z)	(S)	(S)	(S)	(S)	(Z)
	PRODUCTS CARRIED							
49	Farm products	(Z)	(S)	(Z)	(S)	(Z)	(Z)	(S)
50	Live animals	(Z)	(Z)	(S)	(S)	(Z)	(S)	(Z)
51	Mining products	(S)	(S)	(Z)	(Z)	(Z)	(S)	(Z)
52	Logs and other forest products	21.6	(S)	(S)	1 470.6	(Z)	(S)	(S)
53	Lumber and fabricated wood products	12.9	15.1	(Z)	37.4	(Z)	(S)	(S)
54	Processed foods	(S)	(Z)	(S)	(Z)	(Z)	(S)	1.2
55	Textile mill products	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	.7
56	Building materials	10.6	89.4	(Z)	23.6	(Z)	44.7	(S)
57	Household goods	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
58	Furniture or hardware	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
59	Paper products	(Z)	(S)	(S)	(S)	(Z)	(Z)	(S)
60	Chemicals	(S)	(S)	(S)	(Z)	(Z)	28.9	(S)
61	Petroleum	(S)	(S)	(Z)	(S)	(Z)	15.8	(Z)
62	Plastics and/or rubber	(S)	(S)	(Z)	(S)	(Z)	23.8	(Z)
63	Primary metal products	17.5	(S)	(Z)	23.4	(Z)	25.0	(Z)
64	Fabricated metal products	14.5	58.7	(S)	(S)	(S)	49.1	(S)
65	Machinery	88.7	86.9	(S)	(S)	(S)	88.1	(S)
66	Transportation equipment	(S)	51.0	1 209.8	(Z)	838.2	13.8	9.3
67	Glass products	(Z)	(S)	(Z)	(Z)	(Z)	(S)	(Z)
68	Miscellaneous products of manufacturing	(S)	(S)	(Z)	(Z)	(Z)	(S)	(Z)

Body type—Con.									Relative stardard error of estimate (percent) for total	
Oilfield truck	Grain body	Garbage hauler	Dump truck	Tank truck (liquids or gases)	Tank truck (dry bulk)	Concrete mixer	Other	Not reported		
(Z)	(S)	(Z)	(S)	(S)	5.1	(S)	(Z)	(Z)	14.3	1
(S)	36.9	47.1	366.9	386.0	106.7	37.3	(S)	(Z)	3.2	2
(S)	87.4	98.8	568.1	588.5	140.9	71.7	32.2	(Z)	2.5	3
50.5	74.5	118.5	809.0	751.7	119.6	62.7	31.7	(Z)	2.5	4
(S)	113.8	96.7	422.5	543.9	236.7	52.5	(S)	(Z)	2.6	5
1.6	51.2	42.0	258.6	295.2	57.5	29.7	(S)	(Z)	3.5	6
45.7	62.8	58.5	356.6	324.4	92.8	11.8	11.8	(Z)	3.9	7
49.7	135.5	94.4	422.6	487.4	60.1	33.1	(S)	(Z)	3.8	8
16.2	126.8	81.7	520.5	486.7	133.1	30.6	32.2	(Z)	3.5	9
31.6	209.4	98.2	1 001.9	471.9	98.6	81.2	26.7	(Z)	2.8	10
18.8	117.5	62.5	753.1	351.8	60.5	80.9	(S)	(Z)	3.4	11
41.7	958.6	226.5	3 398.2	1 244.0	252.1	282.3	120.2	(Z)	1.5	12
(Z)	(S)	(S)	5.7	(S)	(S)	(S)	(Z)	(Z)	49.8	13
246.2	717.1	620.1	3 943.2	3 533.7	936.5	503.2	179.8	(Z)	1.0	14
56.2	1 144.0	358.9	4 636.2	1 873.1	293.1	257.6	189.4	(Z)	1.1	15
10.0	99.6	39.4	216.9	490.2	126.6	11.1	38.4	(Z)	4.5	16
(S)	13.8	6.6	92.0	40.4	7.7	6.2	(S)	(Z)	7.8	17
12.4	113.8	46.7	420.0	656.8	210.7	29.0	38.1	(Z)	3.8	18
(S)	39.7	(S)	637.4	153.2	30.6	9.2	(S)	(Z)	6.2	19
(S)	64.6	(S)	371.9	309.0	78.4	(S)	(S)	(Z)	4.7	20
(S)	(S)	(S)	19.5	13.8	(S)	(S)	(S)	(Z)	12.8	21
7.3	22.6	42.8	159.4	334.9	114.5	12.1	(S)	(Z)	7.0	22
(S)	66.5	(S)	212.5	307.8	75.7	11.0	(S)	(Z)	4.1	23
(Z)	(S)	(S)	26.1	13.9	(S)	(S)	(S)	(Z)	14.6	24
(S)	74.7	9.1	163.0	312.1	54.2	8.4	(S)	(Z)	5.7	25
3.1	121.8	(S)	326.3	470.9	119.0	9.4	96.5	(Z)	3.1	26
(S)	93.4	(S)	211.4	252.5	30.7	(S)	(S)	(Z)	3.9	27
(S)	(S)	(S)	101.0	71.6	(S)	(S)	(S)	(Z)	8.2	28
285.0	1 381.9	988.0	6 298.2	3 614.9	560.0	772.1	153.8	(Z)	.6	29
285.0	1 377.1	987.1	6 252.2	3 613.5	558.9	770.8	153.6	(Z)	1.4	30
(Z)	4.4	(Z)	41.8	(S)	(S)	(Z)	(S)	(Z)	.9	31
(Z)	(S)	(S)	4.3	(Z)	(Z)	(S)	(Z)	(Z)	8.8	32
31.2	589.5	36.2	2 501.0	2 306.9	795.2	5.1	240.2	(Z)	1.4	33
24.7	301.4	22.6	1 314.5	1 762.4	689.3	(S)	92.9	(Z)	1.7	34
(S)	288.1	13.3	1 185.3	537.7	100.0	1.7	146.7	(Z)	2.5	35
(S)	209.2	12.9	790.8	200.2	42.3	(S)	56.0	(Z)	4.1	36
(S)	79.0	(S)	394.5	337.5	57.7	(S)	90.7	(Z)	3.2	37
(Z)	(Z)	(S)	(S)	(S)	(S)	(Z)	(S)	(Z)	20.8	38
(Z)	.5	(S)	66.2	(S)	(S)	(Z)	(S)	(Z)	7.7	39
(Z)	(S)	(Z)	22.5	(S)	(S)	(Z)	(Z)	(Z)	22.2	40
(S)	295.8	(Z)	601.4	1 239.7	474.8	(Z)	122.0	(Z)	1.6	41
25.9	245.7	(S)	1 044.4	915.5	268.3	(S)	61.8	(Z)	3.3	42
(S)	48.0	22.5	851.1	145.3	52.2	4.0	56.5	(Z)	5.5	43
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	34.9	44
(Z)	34.4	(Z)	180.5	424.9	102.9	(Z)	45.3	(Z)	3.5	45
(S)	91.4	(Z)	335.0	699.1	351.4	(Z)	(S)	(Z)	2.0	46
(Z)	159.6	(Z)	38.3	46.6	(S)	(Z)	(Z)	(Z)	6.9	47
(Z)	10.4	(Z)	47.5	69.1	(S)	(Z)	(S)	(Z)	8.9	48
(Z)	1 691.5	(S)	428.3	510.5	218.7	(Z)	(S)	(Z)	4.7	49
(S)	114.1	(Z)	13.4	24.7	(Z)	(Z)	(S)	(Z)	7.2	50
17.2	(S)	(Z)	1 025.1	87.7	22.4	(Z)	(S)	(Z)	6.9	51
(S)	(S)	(S)	101.8	(Z)	(Z)	(Z)	(Z)	(Z)	4.5	52
(Z)	(Z)	(Z)	83.0	(Z)	(S)	(Z)	169.7	(Z)	7.9	53
(Z)	52.1	(S)	21.3	259.9	115.0	(Z)	(S)	(Z)	2.7	54
(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(S)	(Z)	10.3	55
(S)	15.1	(S)	6 015.1	40.6	559.6	774.2	(S)	(Z)	3.3	56
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.6	57
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	6.6	58
(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(S)	(Z)	8.2	59
13.3	55.0	(Z)	65.6	1 135.4	304.2	(Z)	(Z)	(Z)	6.9	60
35.9	(Z)	(Z)	256.1	3 269.0	16.8	(Z)	(S)	(Z)	4.2	61
(Z)	(Z)	(Z)	(S)	35.4	63.9	(Z)	(S)	(Z)	12.1	62
(S)	(S)	(Z)	36.7	(S)	(S)	(Z)	(Z)	(Z)	7.3	63
(S)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(S)	(Z)	8.0	64
27.2	(S)	(Z)	46.0	(S)	(S)	(Z)	(S)	(Z)	5.9	65
(Z)	(Z)	(Z)	13.6	(S)	(Z)	(Z)	(S)	(Z)	6.5	66
(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	14.5	67
(S)	(S)	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	10.9	68

Table 14. **Truck Miles by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Body type—Con.						
		Public utility	Winch or crane	Wrecker	Pole or logging	Auto transport	Service truck	Yard tractor
	PRODUCTS CARRIED—Con.							
1	Industrial water	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)
2	Scrap, refuse, or garbage	(S)	158.2	(S)	(Z)	(S)	(S)	(Z)
3	Hazardous waste	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
4	Mixed cargoes	(S)	(S)	(S)	(S)	(S)	(S)	1.5
5	Craftsman's equipment	745.4	63.7	(S)	(S)	(Z)	811.0	(Z)
6	Personal transportation	(S)	(S)	(S)	(S)	(S)	17.8	(Z)
7	No load carried	167.1	85.0	63.2	7.5	(S)	167.1	8.5
8	Not in use	(S)	(S)	(S)	(Z)	(Z)	(S)	(Z)
9	Other	13.9	(S)	(S)	(Z)	(S)	9.0	(Z)
10	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	HAZARDOUS MATERIALS CARRIED							
11	Hazardous materials carried	17.4	38.4	(S)	(S)	(Z)	30.3	(S)
12	Less than 10 percent of time	(S)	(S)	(S)	(Z)	(Z)	(S)	(S)
13	10 to 25 percent of time	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)
14	26 to 49 percent of the time	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)
15	50 to 74 percent of the time	(Z)	(S)	(Z)	(Z)	(Z)	(S)	(S)
16	75 to 100 percent of the time	15.2	(S)	(S)	(Z)	(Z)	16.6	(S)
17	No percent reported	(S)	(Z)	(Z)	(S)	(Z)	(S)	(Z)
	Types of hazardous materials[2]:							
18	Flammable liquids	5.1	(S)	(S)	(Z)	(Z)	6.4	(S)
19	Combustible liquids	(Z)	(S)	(S)	(Z)	(Z)	(S)	(S)
20	Corrosive liquids	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(S)
21	Poison B solids	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
22	Poison B liquids	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
23	Flammable solids	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
24	Oxidizers	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
25	Flammable gas	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
26	Nonflammable gas	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
27	Poison A	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
28	Corrosive solids	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
29	Explosives, A or B	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
30	Blasting agents	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
31	Radioactive materials	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
32	ORM-A, B, or C	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
33	ORM E	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)
34	Hazardous materials not listed	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
35	Not reported	12.3	(S)	(Z)	(S)	(Z)	24.0	(Z)
36	No hazardous materials carried	1 048.3	609.6	1 192.8	1 534.7	840.7	1 231.9	23.7
37	Not reported	51.4	30.0	98.0	39.2	(S)	67.7	(S)
	TRUCK FLEET SIZE[3]							
38	1	176.4	101.0	392.5	353.7	131.6	257.4	6.8
39	2 to 5	195.4	160.6	428.8	511.1	62.9	368.4	8.2
40	6 to 19	176.2	201.5	411.6	382.5	62.4	373.2	7.4
41	20 or more	569.1	214.9	61.6	328.7	606.2	331.0	7.6
	MILES PER GALLON							
42	Less than 5	168.2	136.1	30.1	596.4	435.1	33.2	10.4
43	5 to 6.9	256.5	298.5	296.5	799.6	363.9	161.2	12.4
44	7 to 8.9	217.5	128.3	331.6	78.7	14.0	348.0	1.2
45	9 to 11.9	271.0	87.9	364.0	76.8	33.3	454.2	(S)
46	12 to 14.9	129.1	26.0	172.5	(S)	(S)	241.7	(S)
47	15 to 19.9	24.4	(S)	94.6	(S)	(S)	64.6	(Z)
48	20 or more	(S)	(Z)	(S)	(Z)	(Z)	25.4	(Z)
49	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)
	EQUIPMENT TYPE[4]							
50	Braking system	1 117.0	678.0	1 294.6	1 576.0	863.0	1 329.9	30.0
51	Hydraulic	298.6	90.9	336.4	86.1	29.8	371.5	(S)
52	Hydraulic (power)	526.4	140.1	612.2	57.0	65.0	818.5	(S)
53	Air	182.0	409.5	142.8	1 394.0	749.0	68.7	22.9
54	Not reported	110.0	37.5	203.1	38.9	19.2	71.3	1.7
55	Power steering[2]	8.0	(S)	(S)	32.7	13.5	(S)	(Z)
56	Air conditioning[2]	(Z)	(S)	(S)	25.3	(S)	(S)	(Z)
57	Engine retarder[2]	(S)	(S)	(S)	17.2	(S)	(Z)	(Z)
58	Reflective materials[2]	(S)	(S)	(S)	22.4	(S)	(S)	(Z)
59	Electronic vehicle management system[2]	(Z)	(Z)	(S)	(S)	(S)	(Z)	(Z)
60	Electronic vehicle identification device (transponder, etc.)[2]	(Z)	(Z)	(S)	(Z)	(S)	(Z)	(Z)
61	Trip recorders[2]	(Z)	(S)	(S)	(S)	(S)	(Z)	(Z)
62	Navigational systems[2]	(Z)	(Z)	(S)	(Z)	(S)	(Z)	(Z)
	FUEL CONSERVATION EQUIPMENT[2 4]							
63	Aerodynamic features	(S)	7.4	12.2	50.3	20.1	10.6	(S)
64	Axle or drive ratio	(S)	(S)	(S)	46.8	15.2	(S)	(Z)
65	Fuel economy engine	(S)	(S)	(S)	50.4	17.6	(S)	(Z)
66	Radial tires	(S)	7.4	(S)	43.8	(S)	(S)	(S)
67	Road speed governor	1.3	(S)	(S)	24.7	(S)	(Z)	(Z)
68	Variable fan drives	.6	(S)	(S)	26.9	(S)	(Z)	(S)
69	Other fuel conservation devices	(Z)	(Z)	(S)	(S)	(S)	(Z)	(Z)

Body type—Con.									Relative stardard error of estimate (percent) for total	
Oilfield truck	Grain body	Garbage hauler	Dump truck	Tank truck (liquids or gases)	Tank truck (dry bulk)	Concrete mixer	Other	Not reported		
20.6	(S)	(Z)	(S)	269.2	(Z)	(Z)	(Z)	(Z)	10.2	1
(Z)	(S)	1 002.7	439.3	174.6	(S)	(S)	(S)	(Z)	5.8	2
(Z)	(S)	(S)	33.4	62.2	(S)	(Z)	(Z)	(Z)	20.1	3
(Z)	(S)	(S)	38.2	(S)	(S)	(Z)	9.2	(Z)	2.9	4
109.4	(S)	(Z)	34.3	(S)	(S)	(Z)	(S)	(Z)	4.0	5
(Z)	4.4	(Z)	41.7	(S)	(S)	(Z)	(S)	(Z)	.9	6
63.9	16.4	(S)	154.8	48.0	(S)	(S)	(S)	(Z)	3.2	7
(Z)	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	32.6	8
6.4	(S)	(S)	2.4	6.1	(S)	(Z)	118.5	(Z)	12.9	9
(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	10
51.0	77.5	(S)	162.8	3 594.3	207.8	(S)	(S)	(Z)	2.6	11
(S)	47.8	(S)	24.9	152.6	73.6	(Z)	(S)	(Z)	3.5	12
(S)	4.3	(Z)	45.0	159.6	20.8	(Z)	(S)	(Z)	13.1	13
5.8	(Z)	(Z)	51.6	246.3	16.2	(Z)	(S)	(Z)	9.4	14
10.8	(S)	(Z)	12.1	637.7	61.9	(Z)	(S)	(Z)	7.6	15
16.6	(S)	(S)	17.6	2 098.0	13.8	(Z)	(Z)	(Z)	4.7	16
(S)	23.4	(S)	11.6	300.0	(S)	(S)	(Z)	(Z)	10.7	17
24.8	(S)	(S)	15.4	2 625.5	104.1	(Z)	(S)	(Z)	3.1	18
15.0	(S)	(Z)	5.9	1 521.8	77.3	(Z)	(S)	(Z)	3.7	19
(S)	(S)	(Z)	(S)	549.5	69.4	(Z)	(S)	(Z)	4.3	20
(Z)	(Z)	(Z)	(Z)	32.3	(S)	(Z)	(Z)	(Z)	6.2	21
(Z)	(Z)	(Z)	(Z)	34.2	(Z)	(Z)	(Z)	(Z)	6.4	22
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	6.4	23
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	6.4	24
(S)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	6.7	25
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	6.7	26
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	7.4	27
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	7.3	28
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	15.8	29
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	25.7	30
(S)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	25.9	31
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	26.9	32
(Z)	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	25.5	33
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	43.7	34
25.3	73.4	(S)	143.8	962.4	103.8	(S)	(S)	(Z)	4.9	35
259.5	1 798.1	984.9	8 312.5	2 011.7	1 079.1	746.0	340.5	(Z)	.6	36
5.7	99.0	34.2	413.0	331.5	77.0	32.0	59.2	(Z)	4.3	37
54.5	348.4	97.3	1 678.6	806.5	120.2	116.6	149.3	(Z)	.9	38
39.2	687.6	172.2	2 322.3	1 028.1	135.3	43.2	93.7	(Z)	1.7	39
109.6	576.5	201.7	2 304.8	1 757.0	163.5	240.8	59.0	(Z)	2.9	40
112.9	362.0	553.9	2 582.6	2 345.8	944.9	377.5	106.2	(Z)	1.9	41
80.9	574.5	490.2	2 549.8	1 404.9	419.0	366.2	32.9	(Z)	1.6	42
79.6	1 044.0	348.5	4 514.7	3 739.3	879.5	320.8	138.4	(Z)	1.0	43
71.4	232.0	83.1	877.3	475.8	29.4	47.8	108.1	(Z)	3.6	44
43.3	104.8	94.7	752.2	291.8	35.9	43.4	42.4	(Z)	2.0	45
(S)	15.1	(S)	142.5	17.4	(Z)	(Z)	(S)	(Z)	1.8	46
(S)	(S)	(S)	47.3	(S)	(Z)	(Z)	(S)	(Z)	1.8	47
(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	1.9	48
(Z)	(Z)	(S)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(S)	49
316.2	1 974.6	1 025.1	8 888.3	5 937.5	1 364.0	778.1	408.1	(Z)	.6	50
83.9	276.4	31.5	706.5	362.5	49.1	18.4	32.4	(Z)	2.0	51
72.1	261.2	100.6	919.7	566.0	29.0	26.9	165.6	(Z)	1.7	52
155.9	1 352.0	857.0	6 862.8	4 876.4	1 233.8	695.9	191.5	(Z)	.7	53
(S)	85.0	36.0	399.2	132.5	52.1	36.9	(S)	(Z)	5.6	54
10.7	16.1	(S)	70.3	94.4	(S)	6.3	(S)	(Z)	1.1	55
(S)	14.2	(S)	55.5	75.2	(S)	(Z)	(S)	(Z)	1.5	56
(S)	(S)	(Z)	48.3	43.6	(S)	(S)	(S)	(Z)	8.7	57
(S)	24.6	(S)	43.5	154.5	41.8	2.8	(S)	(Z)	3.4	58
(Z)	(Z)	(Z)	(S)	(S)	(S)	(Z)	(Z)	(Z)	14.4	59
(Z)	(Z)	(Z)	(S)	(S)	(S)	(Z)	(Z)	(Z)	19.9	60
(Z)	(Z)	(Z)	(S)	(Z)	(S)	(Z)	(S)	(Z)	21.0	61
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	39.6	62
(S)	104.6	24.7	219.2	396.3	122.9	19.8	(S)	(Z)	1.8	63
(S)	73.0	(S)	175.1	329.7	107.5	11.2	(S)	(Z)	2.1	64
4.9	66.7	(S)	144.3	328.7	115.5	8.4	(S)	(Z)	2.2	65
10.0	28.4	(S)	89.0	151.8	68.2	4.1	(S)	(Z)	.9	66
2.6	17.9	(S)	39.5	99.5	32.0	2.6	(S)	(Z)	4.3	67
5.4	17.5	(S)	52.3	107.7	50.4	5.7	(S)	(Z)	4.4	68
(Z)	(S)	(S)	(S)	50.7	10.9	(S)	(Z)	(Z)	5.7	69

Table 14. **Truck Miles by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Body type—Con.						
		Public utility	Winch or crane	Wrecker	Pole or logging	Auto transport	Service truck	Yard tractor
	MAINTENANCE[2]							
	General maintenance:							
1	Owner	161.9	190.0	531.0	865.5	149.5	555.8	6.6
2	Company's maintenance facilities	651.8	337.6	811.1	610.9	584.7	576.3	12.2
3	Dealership's service department	91.1	59.5	41.1	83.1	21.1	113.7	3.5
4	Leasing company	(S)	(S)	(S)	(S)	(S)	(S)	(S)
5	Independent garage	349.3	122.3	69.2	236.4	134.3	274.0	7.7
6	Component distributorship	35.0	8.2	(S)	40.5	30.9	24.5	(Z)
7	No one	(Z)	(S)	(S)	(S)	(Z)	(S)	(S)
8	Other	(Z)	(S)	(Z)	6.2	15.6	(S)	(Z)
9	Not reported	39.1	27.7	57.6	52.5	32.7	(S)	(S)
	Major overhauls:							
10	Owner	48.7	64.7	296.7	248.4	92.1	210.4	(S)
11	Company's maintenance facilities	429.9	236.8	454.2	338.8	454.9	342.2	9.7
12	Dealership's service department	169.7	144.8	90.7	332.8	84.8	197.9	3.8
13	Leasing company	(S)	(S)	(S)	(S)	(S)	(S)	(S)
14	Independent garage	297.4	133.5	113.2	447.2	102.1	332.9	6.8
15	Component distributorship	69.0	56.5	19.1	156.9	114.0	47.5	(Z)
16	No one	36.0	(S)	14.4	(S)	(S)	23.6	(S)
17	Other	(S)	(S)	(Z)	(S)	(S)	(S)	(Z)
18	Not reported	202.2	103.3	410.6	278.3	86.4	326.5	6.4
	ENGINE TYPE AND SIZE							
19	Engine	1 117.0	678.0	1 294.6	1 576.0	863.0	1 329.9	30.0
20	Gasoline	890.1	226.8	986.5	167.9	34.2	1 048.2	8.0
21	Diesel	218.7	451.1	304.6	1 408.1	828.4	275.8	22.0
22	LPG or other	(S)	(Z)	(S)	(Z)	(S)	(S)	(Z)
23	Not reported	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)
24	Cylinders[5]	1 117.0	678.0	1 294.6	1 576.0	863.0	1 329.9	30.0
25	4	(S)	(S)	(S)	(Z)	(Z)	20.2	(Z)
26	6	153.9	193.5	80.9	803.1	520.2	130.9	7.6
27	8	852.8	256.1	1 053.2	193.9	116.5	1 092.5	5.1
28	Other	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
29	Not reported	110.2	228.3	157.9	579.0	226.4	86.3	17.3
30	Cubic inch displacement	1 117.0	677.9	1 294.5	1 576.0	863.0	1 329.9	30.0
31	Gasoline engines	890.1	226.8	986.5	167.9	34.2	1 048.2	8.0
32	Less than 200	(S)	(Z)	(Z)	(Z)	(S)	32.3	(Z)
33	200 to 299	77.8	5.6	24.2	(S)	(S)	31.8	(Z)
34	300 to 349	132.2	46.3	31.2	(S)	(S)	126.3	(S)
35	350 to 399	522.1	107.2	616.6	81.5	18.1	571.4	(S)
36	400 or more	133.4	47.8	280.4	22.6	(S)	240.4	2.2
37	Not reported[6]	16.4	20.0	34.1	24.2	(S)	46.0	2.0
38	Diesel engines	218.7	451.1	304.6	1 408.1	828.4	275.8	22.0
39	Less than 400	25.2	74.6	51.9	86.6	37.9	74.8	(S)
40	400 to 599	136.8	119.4	149.0	83.4	431.1	137.4	1.6
41	600 to 799	38.1	131.6	32.8	327.5	38.6	43.9	7.8
42	800 or more	(S)	83.5	29.8	720.3	193.0	3.3	2.8
43	Not reported[6]	16.7	42.0	41.1	190.3	127.7	16.5	5.6
44	Other engines	(S)	(Z)	(S)	(Z)	(S)	(S)	(Z)
45	Less than 400	(S)	(Z)	(Z)	(Z)	(Z)	(S)	(Z)
46	400 or more	(S)	(Z)	(S)	(Z)	(S)	(Z)	(Z)
47	Not reported[6]	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
48	Horsepower	1 117.0	677.9	1 294.5	1 576.0	863.0	1 329.9	30.0
49	Gasoline engines	890.1	226.8	986.5	167.9	34.2	1 048.2	8.0
50	Less than 100	2.2	(S)	(S)	(S)	(S)	(S)	(Z)
51	100 to 199	652.5	115.1	572.6	75.6	20.3	722.4	(S)
52	200 to 249	169.0	73.8	268.7	38.5	4.2	185.7	(S)
53	250 or more	33.4	18.6	83.2	21.0	(S)	81.4	(S)
54	Not reported[6]	33.1	18.9	58.7	32.5	(S)	49.5	2.2
55	Diesel engines	218.7	451.1	304.6	1 408.1	828.4	275.8	22.0
56	Less than 250	193.8	197.1	195.7	172.4	243.9	239.1	11.4
57	250 to 349	6.6	162.1	34.8	455.0	359.3	8.6	3.6
58	350 to 449	(S)	44.6	24.5	646.0	143.4	(S)	(S)
59	450 or more	(Z)	(S)	(S)	(S)	(Z)	(Z)	(S)
60	Not reported[6]	15.1	46.8	48.2	91.5	81.8	(S)	4.2
61	Other engines	(S)	(Z)	(S)	(Z)	(S)	(S)	(Z)
62	Less than 250	(S)	(Z)	(Z)	(Z)	(S)	(S)	(Z)
63	250 or more	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
64	Not reported[6]	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)
	TRUCK TYPE AND AXLE ARRANGEMENT							
65	Single-unit trucks	965.7	528.0	1 262.4	203.3	64.8	1 278.5	2.9
66	2 axles	900.2	284.5	1 205.0	95.7	64.3	1 254.2	2.8
67	3 axles	(S)	235.8	55.5	76.7	(S)	19.6	(Z)
68	4 axles or more	(S)	7.8	(S)	30.9	(Z)	(S)	(Z)
69	Combinations	151.3	150.0	(S)	1 372.7	798.2	51.4	27.1
70	Single-unit truck with trailer	16.0	30.7	(S)	120.1	(S)	(S)	(S)
71	4 axles	14.1	(S)	(S)	20.0	(Z)	(Z)	(S)
72	5 axles or more	(S)	(S)	(S)	100.1	(S)	(S)	(Z)
73	Single-unit truck with utility trailer	122.5	30.8	5.2	133.9	19.6	49.4	(S)
74	3 axles	82.2	8.1	(S)	(S)	(S)	(S)	(S)
75	4 axles	30.7	5.9	(S)	12.4	9.0	25.0	(S)
76	5 axles or more	9.6	16.8	(S)	118.0	(S)	(S)	(Z)
77	Truck-tractor with single trailer	12.8	88.5	11.2	1 118.6	773.0	(S)	25.4
78	3 axles	(S)	(S)	(S)	29.2	(S)	(S)	(S)

Body type—Con.									Relative standard error of estimate (percent) for total	
Oilfield truck	Grain body	Garbage hauler	Dump truck	Tank truck (liquids or gases)	Tank truck (dry bulk)	Concrete mixer	Other	Not reported		
107.5	1 152.7	283.1	4 063.2	1 556.5	290.8	179.4	195.8	(Z)	1.0	1
208.1	614.6	746.8	4 587.8	3 342.4	1 058.9	632.7	150.9	(Z)	1.7	2
10.8	135.0	19.5	443.4	542.6	106.6	18.2	21.9	(Z)	2.3	3
(Z)	32.8	(S)	71.2	131.8	39.3	16.3	(S)	(Z)	7.4	4
32.9	284.3	72.3	1 057.3	1 147.7	154.0	28.2	82.9	(Z)	1.6	5
(S)	40.8	24.9	169.5	112.6	58.6	10.7	(S)	(Z)	8.4	6
(S)	7.0	(Z)	10.6	(S)	(Z)	(Z)	(S)	(Z)	9.0	7
(Z)	(S)	(S)	16.2	112.7	(S)	(S)	(S)	(Z)	13.0	8
(S)	53.3	23.6	281.1	129.2	23.5	16.2	(S)	(Z)	3.8	9
17.1	254.8	146.9	1 372.3	372.0	70.2	71.5	27.7	(Z)	2.3	10
113.9	268.1	573.2	2 774.0	1 846.3	647.9	404.4	88.3	(Z)	2.2	11
51.3	405.2	123.4	1 407.3	1 273.8	286.3	98.5	102.3	(Z)	2.3	12
(S)	33.3	(S)	52.3	98.2	(S)	14.0	(S)	(Z)	8.4	13
61.6	547.2	135.2	1 925.7	1 321.7	181.2	87.1	122.2	(Z)	1.9	14
15.1	156.2	87.0	602.4	487.4	210.5	65.7	(S)	(Z)	4.4	15
(S)	52.9	(S)	134.3	66.4	7.5	9.7	(S)	(Z)	4.0	16
(Z)	7.2	(S)	29.9	97.0	(Z)	(S)	(Z)	(Z)	13.1	17
55.5	434.8	113.7	1 642.8	986.1	177.2	139.1	67.7	(Z)	1.2	18
316.2	1 974.6	1 025.1	8 888.3	5 937.5	1 364.0	778.1	408.1	(Z)	.5	19
144.7	606.2	117.3	1 925.1	864.2	64.8	15.4	72.7	(Z)	.6	20
171.6	1 364.2	907.8	6 957.2	4 990.1	1 298.8	759.8	335.4	(Z)	1.3	21
(Z)	(S)	(Z)	(S)	82.5	(S)	(Z)	(Z)	(Z)	18.3	22
(Z)	(S)	(Z)	(S)	(S)	(S)	(S)	(Z)	(Z)	24.3	23
316.2	1 974.6	1 025.1	8 888.3	5 937.5	1 364.0	778.1	408.1	(Z)	.5	24
(Z)	(S)	(Z)	(S)	(S)	(Z)	(Z)	(S)	(Z)	2.1	25
101.2	724.6	578.8	3 817.0	3 303.0	902.1	392.8	168.5	(Z)	1.4	26
165.7	437.6	186.3	2 020.3	1 046.4	112.7	32.5	173.1	(Z)	1.1	27
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	28.6	28
49.3	809.8	260.0	3 045.7	1 578.9	349.2	352.8	66.4	(Z)	2.0	29
316.2	1 971.1	1 025.1	8 884.7	5 936.8	1 363.9	775.2	408.1	(Z)	.5	30
144.7	606.2	117.3	1 925.1	864.2	64.8	15.4	72.7	(Z)	.6	31
(Z)	1.5	(S)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	1.8	32
(S)	47.5	(S)	113.0	18.9	(S)	(S)	(S)	(Z)	2.8	33
(S)	101.9	2.9	205.0	97.7	8.8	(S)	3.1	(Z)	1.8	34
97.8	248.2	53.6	963.2	500.9	29.3	.5	37.9	(Z)	1.8	35
35.7	104.3	48.2	433.0	152.1	16.5	11.9	13.5	(Z)	4.4	36
(S)	102.8	11.1	207.6	92.2	(S)	(S)	(S)	(Z)	5.8	37
171.6	1 364.2	907.8	6 957.2	4 990.1	1 298.8	759.8	335.4	(Z)	1.3	38
17.2	84.9	31.7	588.8	259.7	65.5	64.6	(S)	(Z)	4.7	39
48.0	175.8	168.7	831.6	615.2	76.3	79.7	92.8	(Z)	4.8	40
48.3	217.9	485.1	2 341.8	1 318.0	404.8	371.7	48.3	(Z)	1.9	41
47.6	686.6	124.3	2 214.8	2 262.3	661.8	141.7	72.1	(Z)	1.1	42
10.5	199.0	98.1	980.3	534.9	90.3	102.0	55.1	(Z)	3.5	43
(Z)	(S)	(Z)	(S)	82.5	(S)	(Z)	(Z)	(Z)	18.3	44
(Z)	(S)	(Z)	(S)	56.5	(Z)	(Z)	(Z)	(Z)	21.3	45
(Z)	(S)	(Z)	(S)	19.5	(Z)	(Z)	(Z)	(Z)	25.6	46
(Z)	(S)	(Z)	(S)	(S)	(S)	(Z)	(Z)	(Z)	32.9	47
316.2	1 971.1	1 025.1	8 884.7	5 936.8	1 363.9	775.2	408.1	(Z)	.5	48
144.7	606.2	117.3	1 925.1	864.2	64.8	15.4	72.7	(Z)	.6	49
(Z)	10.1	(Z)	(S)	6.5	(S)	(S)	(S)	(Z)	2.8	50
101.8	291.7	59.6	956.8	408.9	33.4	1.0	30.7	(Z)	.9	51
38.8	167.1	31.9	544.8	269.1	14.3	(S)	18.7	(Z)	4.3	52
(S)	35.7	14.6	131.6	70.1	6.8	(S)	2.2	(Z)	6.4	53
(S)	101.7	11.2	259.6	109.6	(S)	(S)	(S)	(Z)	4.0	54
171.6	1 364.2	907.8	6 957.2	4 990.1	1 298.8	759.8	335.4	(Z)	1.3	55
52.8	146.9	542.1	1 904.8	747.2	144.2	415.7	174.1	(Z)	3.4	56
73.5	357.7	227.4	2 430.9	2 024.0	627.1	231.5	90.3	(Z)	1.4	57
31.3	690.9	49.9	1 926.0	1 733.5	467.3	21.9	14.2	(Z)	1.4	58
(S)	23.2	(S)	51.3	63.2	(S)	(S)	(S)	(Z)	8.7	59
13.3	145.4	86.3	644.2	422.2	57.5	90.3	56.6	(Z)	5.2	60
(Z)	(S)	(Z)	(S)	82.5	(S)	(Z)	(Z)	(Z)	18.3	61
(Z)	(S)	(Z)	(Z)	68.0	(Z)	(Z)	(Z)	(Z)	20.0	62
(Z)	(Z)	(Z)	(S)	(S)	(Z)	(Z)	(Z)	(Z)	(S)	63
(Z)	(S)	(Z)	(S)	14.4	(S)	(Z)	(Z)	(Z)	28.6	64
246.2	750.3	956.2	4 743.4	1 730.9	150.9	739.5	143.9	(Z)	.6	65
169.3	501.9	298.8	1 874.0	1 340.3	75.9	42.3	137.9	(Z)	.6	66
68.8	218.7	624.0	2 139.1	340.3	63.2	526.3	(S)	(Z)	2.4	67
(S)	29.7	33.5	730.3	50.3	(S)	170.9	(Z)	(Z)	5.3	68
70.0	1 224.3	68.9	4 144.9	4 206.6	1 213.0	38.6	264.2	(Z)	1.0	69
1.4	18.1	(S)	292.2	158.2	10.1	(Z)	36.5	(Z)	7.3	70
(Z)	(S)	(S)	50.0	(S)	(Z)	(Z)	28.4	(Z)	13.2	71
1.4	17.0	(S)	242.2	123.4	10.1	(Z)	(S)	(Z)	8.6	72
(S)	22.2	(Z)	434.4	95.3	3.0	28.0	(S)	(Z)	7.1	73
(S)	(S)	(Z)	43.9	(S)	(S)	(Z)	(S)	(Z)	12.9	74
(S)	16.7	(Z)	164.8	10.0	(S)	(S)	(S)	(Z)	10.4	75
(S)	4.4	(Z)	225.6	82.5	(S)	19.2	(S)	(Z)	7.4	76
52.8	1 066.2	64.1	3 292.7	3 879.0	1 078.1	(S)	214.6	(Z)	.8	77
(S)	7.0	(S)	51.7	35.9	(S)	(Z)	10.7	(Z)	5.3	78

Table 14. **Truck Miles by Body Type: 1987**—Con.

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

	Vehicular and operational characteristics	Body type—Con.						
		Public utility	Winch or crane	Wrecker	Pole or logging	Auto transport	Service truck	Yard tractor
	TRUCK TYPE AND AXLE ARRANGEMENT—Con.							
	Combinations—Con.							
	Truck-tractor with single trailer—Con.							
1	4 axles	(S)	3.0	(S)	202.7	171.2	(S)	12.0
2	5 axles or more	(S)	85.1	(S)	886.7	593.8	(S)	10.0
3	Truck-tractor with double trailers	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)
4	5 axles	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
5	6 axles	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
6	7 axles or more	(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)
7	Truck-tractor with triple trailers	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
8	7 axles	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
9	8 axles or more	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
10	Trailer not specified	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
11	Powered axles	1 117.0	678.0	1 294.6	1 576.0	863.0	1 329.9	30.0
12	1	1 018.8	350.6	1 158.6	265.0	563.1	1 269.8	20.2
13	2	85.3	311.3	129.7	1 304.2	297.2	55.7	9.4
14	3 or more	13.0	(S)	(S)	6.8	(S)	(S)	(S)
15	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	CAB TYPE[7]							
16	Cab forward of engine	(S)	4.7	(S)	(S)	10.2	(S)	(S)
17	Cab over engine	61.0	130.6	24.2	109.7	166.5	30.3	6.7
18	Conventional cab	938.8	506.2	1 036.6	1 396.2	659.3	1 213.9	18.8
19	Cab beside engine	(S)	(S)	(S)	(S)	(Z)	(S)	(S)
20	Other	17.9	(S)	(S)	7.7	(S)	32.8	(S)
21	Not reported	(S)	31.0	169.6	26.4	25.3	36.2	1.5
	PICKUPS, PANELS, VANS, UTILITIES, AND STATION WAGONS							
22	Total	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
23	Pickups	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
24	Mini-vans	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
25	Panels or vans	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
26	Utilities	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
27	Station wagons	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
28	Driving wheels	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
29	4-wheel drive	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
30	2-wheel drive	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
31	Front-wheel drive	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
32	Not reported	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Note: Some data cells may have high relative standard errors of estimate (RSE's). See appendix B for approximating the RSE's for the data cells. Some unpublished estimates can be derived from this table by subtracting published data from their respective totals. However, the figures obtained by such subtraction are subject to high sampling variability or poor response quality. These unpublished data are for internal use only. The U.S. data may vary from the sum of the State reports because of rounding.

[1]Lease characteristics include both "Leased from" and "Leased to" vehicles. Lease provisions apply to a period of one year or more.
[2]Detail does not add to total because items were not applicable or multiple responses were possible.
[3]When no response was obtained, a fleet size of one truck was assumed.
[4]Pickups, panels, vans, and mini-vans were not requested to report the information shown in the Equipment Type section, except for power steering and air conditioning; and in the Fuel Conservation Equipment section, except for radial tires.
[5]Data were derived from the vehicle identification numbers (VIN). "Not reported" indicates those trucks for which the cylinders are unknown.
[6]"Not reported" includes survey respondents who did not report horsepower and/or cubic inch displacement (CID), or reported unreasonable values compared to the truck's other characteristics. In either case, an attempt was made to assign a value based on the vehicle identification number (VIN). If this was successful, the respondent was removed from the not reported category and included under the assigned value.
[7]Pickups, panels, vans, and mini-vans are not included.

Body type—Con.									Relative stardard error of estimate (percent) for total	
Oilfield truck	Grain body	Garbage hauler	Dump truck	Tank truck (liquids or gases)	Tank truck (dry bulk)	Concrete mixer	Other	Not reported		
8.5	129.5	(S)	475.0	373.6	91.7	(S)	127.3	(Z)	2.3	1
43.2	929.7	56.5	2 766.0	3 469.6	981.4	(S)	76.6	(Z)	1.0	2
(Z)	117.8	(S)	123.7	74.0	121.8	(Z)	(S)	(Z)	6.1	3
(Z)	77.7	(Z)	76.5	66.8	88.4	(Z)	(Z)	(Z)	7.0	4
(Z)	22.6	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	17.4	5
(Z)	17.5	(Z)	43.8	(S)	16.2	(Z)	(S)	(Z)	11.4	6
(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	24.8	7
(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	27.1	8
(Z)	(Z)	(Z)	(S)	(Z)	(Z)	(Z)	(Z)	(Z)	47.6	9
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	10
316.2	1 974.6	1 025.1	8 888.3	5 937.5	1 364.0	778.1	408.1	(Z)	.5	11
189.9	789.0	370.4	2 751.1	1 862.6	272.1	85.8	360.7	(Z)	.8	12
125.2	1 174.5	643.3	6 000.3	4 028.6	1 091.8	581.4	47.1	(Z)	1.3	13
1.1	11.1	(S)	136.9	46.3	(Z)	110.9	(S)	(Z)	6.9	14
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	15
(S)	28.6	22.4	151.2	46.3	15.2	31.5	(S)	(Z)	6.3	16
28.9	665.4	471.7	567.3	1 286.9	230.2	31.2	85.8	(Z)	1.3	17
272.5	1 219.8	513.8	7 843.0	4 493.8	1 095.7	662.2	304.6	(Z)	.8	18
.4	(S)	(S)	20.6	6.9	(S)	18.1	(Z)	(Z)	10.8	19
(S)	4.3	(S)	66.9	27.7	(Z)	14.1	(S)	(Z)	6.6	20
(S)	54.7	13.2	239.3	75.8	22.1	21.0	(S)	(Z)	6.4	21
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.7	22
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.8	23
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	4.2	24
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.5	25
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	3.3	26
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.4	27
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.7	28
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2.0	29
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.9	30
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5.5	31
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	32

Table 15. **Light Trucks: 1987**

[Light trucks are trucks with a gross vehicle weight of 10,000 pounds or less. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**40 947.3**	**439 342.0**	**10.7**	**.1**	**.6**	**.6**
Alabama	820.6	8 435.3	10.3	.7	3.8	3.7
Alaska	161.1	1 383.0	8.6	.5	3.8	3.8
Arizona	726.7	8 226.3	11.3	.4	2.9	2.9
Arkansas	512.1	5 335.5	10.4	.6	3.3	3.2
California	4 462.9	47 509.1	10.6	.6	3.2	3.1
Colorado	919.6	8 809.8	9.6	.4	3.3	3.3
Connecticut	405.6	4 376.1	10.8	.8	3.0	2.9
Delaware	105.1	1 161.8	11.1	.6	3.5	3.4
District of Columbia	18.4	171.3	9.3	1.4	4.1	3.9
Florida	1 816.9	21 264.5	11.7	.5	3.0	3.0
Georgia	1 102.5	12 566.3	11.4	.6	3.5	3.5
Hawaii	152.2	1 436.9	9.4	.8	3.7	3.6
Idaho	292.5	2 740.2	9.4	.6	3.7	3.7
Illinois	1 363.0	14 052.0	10.3	.5	3.2	3.1
Indiana	962.2	9 878.3	10.3	.5	3.2	3.2
Iowa	599.5	5 330.1	8.9	.5	3.5	3.4
Kansas	622.8	5 795.2	9.3	.7	3.4	3.3
Kentucky	738.0	7 437.1	10.1	.6	3.1	3.1
Louisiana	862.2	9 772.0	11.3	.7	3.2	3.1
Maine	231.2	2 456.1	10.6	.7	3.4	3.3
Maryland	598.2	7 074.1	11.8	.6	2.8	2.7
Massachusetts	609.5	7 242.3	11.9	.6	2.6	2.6
Michigan	1 453.3	17 240.7	11.9	.5	3.2	3.2
Minnesota	755.6	7 776.1	10.3	.6	3.0	3.0
Mississippi	478.5	4 999.7	10.4	.7	3.5	3.4
Missouri	909.2	10 436.8	11.5	.6	3.1	3.0
Montana	284.8	2 334.8	8.2	.6	3.9	3.8
Nebraska	372.8	3 795.1	10.2	.6	3.7	3.7
Nevada	238.0	2 348.7	9.9	.5	3.1	3.1
New Hampshire	212.2	2 531.8	11.9	.7	3.1	3.0
New Jersey	706.0	8 201.6	11.6	.7	2.9	2.8
New Mexico	449.8	4 944.9	11.0	.5	6.7	6.7
New York	1 395.7	14 502.9	10.4	.5	3.0	2.9
North Carolina	1 250.8	12 594.3	10.1	.3	2.9	2.9
North Dakota	204.9	1 694.1	8.3	.8	3.5	3.5
Ohio	1 584.6	17 058.6	10.8	.6	3.1	3.0
Oklahoma	829.5	9 104.1	11.0	.6	3.7	3.6
Oregon	772.6	6 884.4	8.9	.7	3.1	3.1
Pennsylvania	1 535.5	15 489.9	10.1	.4	2.7	2.6
Rhode Island	110.7	1 216.5	11.0	.5	3.2	3.2
South Carolina	552.1	6 492.6	11.8	.6	3.3	3.2
South Dakota	210.2	1 873.3	8.9	.6	3.8	3.8
Tennessee	944.5	10 372.6	11.0	.5	3.2	3.1
Texas	3 726.3	45 656.7	12.3	.6	3.2	3.1
Utah	353.1	3 552.4	10.1	.6	3.1	3.0
Vermont	119.9	1 340.0	11.2	.5	2.7	2.7
Virginia	1 046.4	10 923.7	10.4	.5	2.9	2.9
Washington	1 045.8	10 470.7	10.0	.4	3.6	3.6
West Virginia	395.3	3 725.6	9.4	.4	3.1	3.1
Wisconsin	721.1	7 544.2	10.5	.5	3.4	3.4
Wyoming	205.3	1 782.6	8.7	.5	3.5	3.4

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 16. **Medium Trucks: 1987**

[Medium trucks are trucks with a gross vehicle weight of 10,001 to 19,500 pounds. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**1 029.6**	**10 767.7**	**10.5**	**2.0**	**3.2**	**2.3**
Alabama	18.5	164.3	8.9	10.4	14.4	9.2
Alaska	3.1	15.9	5.2	14.6	14.0	13.9
Arizona	11.8	135.8	11.5	8.1	12.9	10.0
Arkansas	1.6	14.9	9.1	46.1	12.4	41.5
California	98.3	1 535.0	15.6	12.2	15.1	9.8
Colorado	21.4	151.1	7.1	8.9	11.1	11.1
Connecticut	13.3	156.0	11.7	7.8	10.8	8.1
Delaware	3.8	45.1	11.9	11.2	16.9	9.6
District of Columbia	.7	5.3	7.9	11.0	14.8	8.5
Florida	32.1	426.4	13.3	14.7	12.4	10.1
Georgia	27.9	321.9	11.5	9.5	11.6	7.4
Hawaii	2.8	26.2	9.3	7.5	10.5	7.6
Idaho	8.2	59.4	7.2	11.6	20.2	12.0
Illinois	48.1	355.1	7.4	8.6	12.3	9.6
Indiana	27.7	262.6	9.5	7.7	14.2	12.1
Iowa	17.7	125.3	7.1	9.3	17.1	13.3
Kansas	30.7	146.9	4.8	8.2	14.0	11.6
Kentucky	22.5	200.2	8.9	9.2	26.2	21.6
Louisiana	19.8	228.4	11.5	13.7	17.9	14.9
Maine	8.1	80.1	9.9	9.4	13.2	9.0
Maryland	19.3	241.1	12.5	7.0	11.5	9.0
Massachusetts	19.0	235.8	12.4	7.1	11.1	8.4
Michigan	23.2	319.2	13.8	7.4	11.0	9.1
Minnesota	24.5	200.2	8.2	11.1	12.4	10.6
Mississippi	3.7	46.5	12.5	10.2	15.9	12.2
Missouri	25.9	272.2	10.5	11.4	14.8	11.0
Montana	7.2	60.6	8.4	14.9	26.1	16.2
Nebraska	14.1	94.1	6.7	9.3	22.7	18.6
Nevada	4.3	41.5	9.7	15.9	18.4	6.4
New Hampshire	5.7	56.6	10.0	9.6	22.3	15.9
New Jersey	28.1	330.9	11.8	8.8	20.5	16.2
New Mexico	8.1	79.5	9.9	16.5	25.8	18.2
New York	55.8	545.3	9.8	5.7	9.6	7.9
North Carolina	29.9	280.4	9.4	10.3	14.7	10.5
North Dakota	14.1	69.2	4.9	9.4	22.1	18.1
Ohio	35.8	486.9	13.6	10.5	12.8	7.8
Oklahoma	23.2	206.4	8.9	10.2	19.6	15.5
Oregon	18.4	145.3	7.9	14.9	21.1	12.0
Pennsylvania	36.0	379.7	10.6	7.6	12.3	9.6
Rhode Island	2.8	30.5	10.9	7.7	12.6	9.9
South Carolina	18.9	221.0	11.7	10.4	14.5	9.9
South Dakota	9.7	39.0	4.0	7.1	16.1	14.0
Tennessee	19.6	196.7	10.0	12.5	16.6	14.0
Texas	66.4	859.0	12.9	12.7	13.7	7.9
Utah	9.7	103.2	10.6	14.7	23.4	15.6
Vermont	3.2	23.9	7.5	8.5	12.5	10.3
Virginia	27.5	269.9	9.8	10.6	12.7	10.8
Washington	17.2	126.8	7.4	11.1	25.0	16.5
West Virginia	9.7	75.0	7.7	6.7	11.0	8.8
Wisconsin	24.5	239.6	9.8	10.7	28.2	23.7
Wyoming	6.0	35.8	5.9	8.1	21.3	16.0

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 17. **Light-Heavy Trucks: 1987**

[Light-heavy trucks are trucks with a gross vehicle weight of 19,501 to 26,000 pounds. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**766.1**	**7 581.3**	**9.9**	**1.5**	**2.3**	**1.8**
Alabama	12.9	131.7	10.2	8.9	13.8	11.4
Alaska	1.6	6.6	4.1	9.2	14.5	12.5
Arizona	5.6	86.2	15.5	11.5	14.2	9.7
Arkansas	.3	7.2	22.9	20.2	27.8	19.8
California	51.7	715.1	13.8	8.3	9.6	7.6
Colorado	13.3	76.8	5.8	7.4	10.7	8.9
Connecticut	5.1	62.2	12.2	9.2	11.7	9.1
Delaware	2.6	25.3	9.7	8.8	13.6	10.8
District of Columbia	.3	2.9	11.2	11.2	15.9	10.4
Florida	18.5	297.5	16.0	9.8	12.9	9.3
Georgia	23.7	259.0	10.9	7.6	11.0	8.4
Hawaii	2.0	15.8	8.0	8.0	9.6	7.7
Idaho	6.6	27.4	4.2	6.3	11.5	9.9
Illinois	43.7	363.3	8.3	9.1	14.4	10.5
Indiana	29.1	254.5	8.7	7.4	11.1	9.5
Iowa	20.0	156.5	7.8	7.2	11.1	8.8
Kansas	33.5	144.5	4.3	6.2	11.1	9.0
Kentucky	15.8	136.3	8.6	7.6	11.2	9.8
Louisiana	11.8	140.8	12.0	8.6	12.1	9.4
Maine	4.6	50.3	11.0	7.8	13.4	11.4
Maryland	11.8	140.9	11.9	9.0	11.7	9.0
Massachusetts	12.3	180.5	14.6	8.4	11.1	8.3
Michigan	18.4	277.5	15.0	8.1	11.2	8.3
Minnesota	22.2	158.2	7.1	6.6	13.2	11.6
Mississippi	2.7	35.3	13.0	11.6	18.5	15.6
Missouri	26.0	226.9	8.7	6.4	11.3	9.6
Montana	9.4	37.4	4.0	5.5	9.2	7.5
Nebraska	17.0	107.0	6.3	7.3	13.1	11.4
Nevada	1.8	19.1	10.4	8.5	12.4	9.5
New Hampshire	3.7	41.9	11.2	9.0	15.7	13.4
New Jersey	20.5	270.6	13.2	9.4	12.1	7.8
New Mexico	5.8	54.1	9.3	7.7	14.3	12.1
New York	21.5	251.4	11.7	9.2	13.5	10.4
North Carolina	31.1	309.0	9.9	7.9	9.8	7.3
North Dakota	25.1	67.6	2.7	5.1	10.0	8.9
Ohio	35.4	363.0	10.3	8.1	9.9	7.2
Oklahoma	15.2	98.7	6.5	11.8	14.7	14.8
Oregon	10.0	82.8	8.3	7.7	13.2	11.4
Pennsylvania	31.1	447.0	14.4	8.1	13.2	10.8
Rhode Island	2.0	20.1	10.3	8.7	11.5	8.2
South Carolina	9.1	90.5	9.9	8.2	11.2	8.6
South Dakota	10.6	46.2	4.4	5.8	10.3	8.6
Tennessee	14.9	211.1	14.1	8.2	12.5	9.8
Texas	37.0	421.5	11.4	9.3	14.6	12.3
Utah	4.5	57.7	12.9	8.5	18.7	16.7
Vermont	2.0	22.5	11.2	7.8	10.9	9.0
Virginia	24.2	253.2	10.5	7.1	9.3	7.1
Washington	13.0	82.7	6.4	7.9	10.9	8.6
West Virginia	5.0	44.8	8.9	8.9	10.1	8.7
Wisconsin	16.5	184.1	11.2	8.4	14.1	11.6
Wyoming	3.8	18.4	4.9	8.0	13.3	11.5

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 18. **Heavy-Heavy Trucks: 1987**

[Heavy-heavy trucks are trucks with a gross vehicle weight of 26,001 pounds or more. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**1 828.8**	**71 623.8**	**39.2**	**.5**	**.7**	**.7**
Alabama	41.8	2 313.9	55.4	4.2	3.4	3.2
Alaska	4.7	65.1	14.0	3.0	5.3	5.2
Arizona	14.5	456.3	31.4	3.7	4.9	4.6
Arkansas	6.7	460.1	69.0	1.3	1.6	1.7
California	131.4	6 299.0	48.0	2.3	3.0	3.0
Colorado	18.7	180.5	9.7	5.1	6.4	5.3
Connecticut	14.0	344.5	24.5	2.6	3.7	3.3
Delaware	8.8	320.7	36.3	2.5	3.3	3.5
District of Columbia	.6	8.8	14.7	5.7	7.0	6.2
Florida	56.4	2 509.7	44.5	2.4	3.1	2.8
Georgia	55.9	2 472.7	44.2	2.8	4.4	4.5
Hawaii	3.8	71.6	18.6	3.1	4.7	4.1
Idaho	11.0	239.0	21.7	2.9	4.3	4.5
Illinois	148.7	7 588.1	51.0	2.1	2.7	2.7
Indiana	57.5	2 680.6	46.6	3.1	3.2	3.4
Iowa	42.2	1 770.0	41.9	3.4	4.3	4.0
Kansas	41.5	1 214.8	29.2	3.9	3.7	4.4
Kentucky	31.9	926.9	29.1	3.5	4.0	4.2
Louisiana	33.0	1 196.7	36.2	2.8	4.0	3.8
Maine	15.3	489.8	32.0	3.5	3.4	3.6
Maryland	32.1	1 001.5	31.2	3.2	3.3	3.4
Massachusetts	32.8	941.0	28.6	2.7	3.8	3.3
Michigan	53.7	1 842.6	34.3	2.3	3.2	3.1
Minnesota	47.4	1 330.1	28.1	3.1	3.9	4.0
Mississippi	15.7	881.8	56.3	5.4	7.4	3.1
Missouri	53.0	1 832.0	34.6	2.7	3.0	3.3
Montana	13.5	375.1	27.8	3.4	4.5	4.8
Nebraska	40.2	1 723.0	42.8	3.2	2.8	3.6
Nevada	4.7	149.1	31.7	2.5	3.4	3.4
New Hampshire	11.6	330.3	28.4	2.5	3.1	3.2
New Jersey	51.6	1 985.9	38.5	2.5	3.5	3.4
New Mexico	5.5	121.9	22.2	5.5	9.4	8.6
New York	68.1	1 746.1	25.6	2.9	3.5	3.6
North Carolina	59.4	2 757.3	46.4	2.7	3.4	3.6
North Dakota	23.4	344.4	14.7	4.3	4.8	5.7
Ohio	80.7	3 362.6	41.7	3.0	3.3	3.2
Oklahoma	35.9	1 254.8	35.0	4.8	9.2	6.2
Oregon	29.4	1 162.5	39.6	2.3	3.2	3.3
Pennsylvania	84.8	3 207.6	37.8	2.5	2.8	2.7
Rhode Island	5.1	129.8	25.4	2.5	3.6	3.5
South Carolina	17.4	708.4	40.7	2.7	3.3	3.4
South Dakota	13.5	408.5	30.3	4.3	5.1	5.3
Tennessee	38.0	1 969.1	51.8	3.2	3.9	3.7
Texas	122.5	5 145.2	42.0	2.7	3.7	3.7
Utah	12.0	601.7	50.2	2.5	3.1	3.3
Vermont	5.5	165.9	30.0	4.2	4.5	3.4
Virginia	41.1	1 441.1	35.1	3.1	3.6	3.5
Washington	25.8	724.6	28.1	2.4	3.7	3.5
West Virginia	12.2	364.0	29.9	2.9	3.5	3.3
Wisconsin	44.6	1 784.3	40.0	2.8	3.2	3.1
Wyoming	9.3	222.8	24.1	2.9	4.5	4.6

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 19. Trucks for Personal Transportation: 1987

[Trucks included are those used principally for personal transportation in place of an automobile for pleasure driving, travel to work, or outdoor recreation (camping, etc.). Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**29 291.6**	**286 955.7**	**9.8**	**.5**	**.9**	**.7**
Alabama	613.2	5 557.7	9.1	2.4	4.6	3.9
Alaska	123.4	1 018.7	8.3	2.4	4.9	4.3
Arizona	585.7	6 266.2	10.7	1.9	3.8	3.3
Arkansas	359.9	3 538.3	9.8	2.7	4.8	4.0
California	3 229.3	31 186.4	9.7	2.5	4.2	3.4
Colorado	687.3	6 127.3	8.9	2.3	4.3	3.7
Connecticut	270.7	2 694.9	10.0	2.8	4.6	3.6
Delaware	72.2	705.1	9.8	2.9	4.6	3.5
District of Columbia	10.9	88.7	8.2	4.1	6.0	4.5
Florida	1 235.1	12 378.1	10.0	2.7	4.5	3.6
Georgia	783.2	7 530.3	9.6	2.6	4.5	3.7
Hawaii	97.4	823.8	8.5	3.2	5.7	4.7
Idaho	201.7	1 642.6	8.1	2.6	5.0	4.3
Illinois	916.1	8 422.9	9.2	2.7	4.8	3.9
Indiana	714.2	6 735.9	9.4	2.2	4.1	3.4
Iowa	355.3	2 981.5	8.4	3.1	5.6	4.6
Kansas	428.3	3 765.7	8.8	2.8	4.8	4.0
Kentucky	525.9	4 962.3	9.4	2.4	4.4	3.6
Louisiana	613.8	6 489.3	10.6	2.6	4.5	3.7
Maine	156.7	1 538.8	9.8	2.8	5.0	4.2
Maryland	456.0	4 768.5	10.5	2.1	3.7	3.1
Massachusetts	400.6	4 288.8	10.7	2.8	4.2	3.1
Michigan	1 111.3	12 385.2	11.1	2.1	4.4	3.9
Minnesota	521.3	5 115.7	9.8	2.6	4.3	3.5
Mississippi	367.4	3 470.2	9.4	2.3	4.5	3.9
Missouri	661.0	7 297.2	11.0	2.4	4.2	3.4
Montana	189.6	1 353.1	7.1	2.8	5.0	4.2
Nebraska	220.2	1 892.2	8.6	3.4	5.7	4.5
Nevada	179.0	1 553.1	8.7	2.3	4.0	3.3
New Hampshire	142.6	1 586.5	11.1	2.9	4.7	3.7
New Jersey	438.8	4 558.9	10.4	3.1	4.7	3.5
New Mexico	333.7	3 204.7	9.6	2.3	9.8	9.5
New York	919.1	8 970.7	9.8	2.8	4.5	3.5
North Carolina	945.4	9 000.8	9.5	2.1	3.8	3.2
North Dakota	119.2	963.3	8.1	3.4	5.4	4.3
Ohio	1 143.1	10 735.2	9.4	2.4	4.1	3.3
Oklahoma	568.5	5 835.4	10.3	2.7	5.4	4.7
Oregon	611.5	5 150.9	8.4	2.1	4.1	3.5
Pennsylvania	1 129.6	10 367.2	9.2	2.2	3.7	3.0
Rhode Island	74.1	752.4	10.2	2.7	4.3	3.4
South Carolina	383.0	3 995.2	10.4	2.6	4.8	4.0
South Dakota	127.3	1 028.7	8.1	3.2	5.5	4.5
Tennessee	708.0	7 032.3	9.9	2.3	4.1	3.5
Texas	2 681.6	31 000.2	11.6	2.7	4.5	3.6
Utah	269.3	2 449.7	9.1	2.1	4.0	3.3
Vermont	81.7	832.1	10.2	2.6	4.2	3.3
Virginia	780.8	7 231.8	9.3	2.2	4.0	3.3
Washington	799.7	7 019.4	8.8	2.1	4.3	3.8
West Virginia	326.0	3 006.8	9.2	1.7	3.8	3.4
Wisconsin	478.6	4 540.6	9.5	2.7	4.8	3.9
Wyoming	143.2	1 114.8	7.8	2.6	5.0	4.2

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 20. **Trucks for Agriculture: 1987**

[Trucks included are those used principally on farm or ranch or other agricultural activity. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**3 536.9**	**34 022.0**	**9.6**	**2.1**	**3.7**	**2.7**
Alabama	65.7	649.4	9.9	12.3	17.2	11.2
Alaska	4.8	42.9	9.0	22.4	36.5	26.4
Arizona	13.1	205.2	15.7	26.7	28.7	13.0
Arkansas	49.7	523.7	10.5	12.0	14.8	9.6
California	223.3	3 998.1	17.9	16.3	22.4	15.0
Colorado	82.8	604.0	7.3	10.6	18.2	12.5
Connecticut	12.9	101.9	7.9	18.9	26.0	15.3
Delaware	7.6	76.3	10.0	11.9	14.4	10.2
District of Columbia	.1	.7	7.2	65.5	56.2	34.2
Florida	66.8	1 117.8	16.7	18.7	22.4	13.6
Georgia	79.0	781.9	9.9	12.9	15.7	8.5
Hawaii	10.4	110.5	10.6	13.2	14.3	5.8
Idaho	53.1	471.2	8.9	7.0	11.2	8.0
Illinois	171.5	1 534.8	8.9	8.8	13.4	8.7
Indiana	93.0	855.6	9.2	9.4	14.8	10.2
Iowa	150.9	1 206.9	8.0	5.9	8.1	5.5
Kansas	155.2	987.2	6.4	5.7	10.1	7.3
Kentucky	98.1	777.9	7.9	8.7	13.1	9.0
Louisiana	70.1	792.9	11.3	12.4	14.6	7.6
Maine	19.0	155.5	8.2	11.0	13.5	9.2
Maryland	19.3	140.2	7.3	14.6	19.5	11.2
Massachusetts	12.9	202.1	15.6	23.9	30.2	17.8
Michigan	62.4	686.7	11.0	15.1	25.1	19.1
Minnesota	124.8	1 028.0	8.2	7.5	11.0	7.2
Mississippi	32.3	423.0	13.1	13.8	17.8	11.7
Missouri	135.8	1 289.6	9.5	8.4	11.9	8.0
Montana	63.0	535.0	8.5	6.4	11.6	8.9
Nebraska	111.4	958.1	8.6	5.3	8.1	5.5
Nevada	6.5	58.4	9.1	21.0	26.8	16.2
New Hampshire	9.9	95.1	9.6	16.1	24.0	16.6
New Jersey	23.7	272.7	11.5	17.4	26.6	20.3
New Mexico	32.9	418.0	12.7	13.1	21.4	16.2
New York	71.5	537.6	7.5	14.0	18.1	13.0
North Carolina	111.7	853.0	7.6	10.5	14.5	9.6
North Dakota	107.2	557.3	5.2	3.4	7.5	5.9
Ohio	119.2	1 383.9	11.6	12.1	17.6	12.4
Oklahoma	131.3	1 230.8	9.4	8.1	12.2	8.3
Oregon	55.0	460.3	8.4	11.8	17.7	12.2
Pennsylvania	65.2	686.0	10.5	15.7	20.9	14.5
Rhode Island	3.1	27.6	8.9	19.8	21.7	9.7
South Carolina	44.1	428.9	9.7	11.6	16.4	10.3
South Dakota	71.8	544.6	7.6	4.9	8.4	6.2
Tennessee	87.1	895.0	10.3	11.1	14.8	10.0
Texas	316.1	2 857.3	9.0	13.1	18.3	13.4
Utah	24.0	283.2	11.8	12.7	16.5	10.3
Vermont	9.3	94.3	10.2	11.2	15.5	9.7
Virginia	56.3	454.4	8.1	13.5	16.2	9.8
Washington	68.1	607.2	8.9	12.4	19.4	14.0
West Virginia	14.1	57.4	4.1	16.5	21.7	14.1
Wisconsin	89.3	711.2	8.0	8.9	12.4	8.7
Wyoming	30.4	250.7	8.2	8.6	12.0	7.0

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 21. **Trucks for Construction: 1987**

[Trucks included are those used principally in construction. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**4 478.5**	**63 689.2**	**14.2**	**2.1**	**2.7**	**1.6**
Alabama	65.4	1 066.4	16.3	12.7	15.5	9.0
Alaska	16.0	154.1	9.6	11.4	16.2	10.0
Arizona	63.7	865.2	13.6	11.1	13.4	7.5
Arkansas	38.2	479.7	12.6	13.9	15.5	7.6
California	514.4	7 508.2	14.6	10.3	11.9	6.6
Colorado	77.5	948.4	12.2	12.0	16.3	10.4
Connecticut	68.0	847.2	12.5	8.1	10.1	5.6
Delaware	17.7	242.6	13.7	8.5	11.0	6.5
District of Columbia	2.7	26.1	9.8	10.5	12.7	7.0
Florida	303.9	4 736.6	15.6	8.5	10.3	5.9
Georgia	133.1	2 470.3	18.6	9.9	12.6	7.1
Hawaii	20.3	220.7	10.9	10.0	13.5	8.9
Idaho	21.1	267.3	12.6	12.5	19.1	13.4
Illinois	159.7	2 138.5	13.4	9.8	12.0	6.8
Indiana	93.5	1 239.7	13.3	10.4	15.2	10.3
Iowa	60.8	681.8	11.2	10.4	12.5	7.1
Kansas	48.7	621.1	12.7	12.8	16.5	10.0
Kentucky	60.7	760.4	12.5	11.4	15.1	9.0
Louisiana	86.9	1 251.9	14.4	11.0	14.5	9.3
Maine	33.6	459.0	13.7	8.4	10.3	5.9
Maryland	82.4	1 396.4	16.9	8.5	10.2	5.1
Massachusetts	118.7	1 661.4	14.0	7.3	9.3	5.3
Michigan	140.8	2 080.9	14.8	10.5	13.1	7.6
Minnesota	82.5	1 164.1	14.1	10.1	12.9	7.4
Mississippi	30.0	462.0	15.4	14.3	18.0	11.8
Missouri	85.5	1 233.5	14.4	10.8	13.6	7.4
Montana	18.7	279.4	15.0	13.9	18.5	11.2
Nebraska	33.3	382.7	11.5	11.8	15.2	8.9
Nevada	27.5	357.1	13.0	10.1	12.5	7.6
New Hampshire	34.2	483.6	14.1	8.4	10.3	5.6
New Jersey	146.2	1 994.1	13.6	7.3	9.1	5.5
New Mexico	37.3	558.6	15.0	11.7	16.7	10.8
New York	226.5	2 613.2	11.5	8.2	11.2	7.2
North Carolina	113.2	1 481.9	13.1	10.8	12.8	7.2
North Dakota	12.9	156.1	12.1	14.1	20.5	14.2
Ohio	147.1	2 121.7	14.4	10.5	13.7	7.9
Oklahoma	70.9	1 043.8	14.7	11.6	15.1	9.8
Oregon	47.2	583.2	12.4	14.1	18.0	10.8
Pennsylvania	183.1	2 339.5	12.8	9.0	11.5	6.8
Rhode Island	19.2	237.2	12.4	7.8	9.9	5.8
South Carolina	68.3	1 126.0	16.5	9.8	12.4	7.3
South Dakota	13.6	160.9	11.8	13.7	19.6	13.1
Tennessee	74.0	1 130.4	15.3	12.3	15.2	8.5
Texas	386.4	6 120.5	15.8	11.5	14.1	8.4
Utah	34.7	496.4	14.3	10.5	12.9	7.2
Vermont	18.1	272.5	15.1	8.4	10.3	5.4
Virginia	133.1	2 006.3	15.1	9.2	11.8	6.9
Washington	92.0	1 324.7	14.4	11.5	16.3	11.1
West Virginia	26.1	284.0	10.9	12.5	16.2	10.5
Wisconsin	75.2	1 020.4	13.6	9.7	14.8	10.9
Wyoming	14.0	131.4	9.4	12.4	15.8	9.0

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 22. **Trucks for Manufacturing: 1987**

[Trucks included are those used principally in manufacturing, refining, or processing. Data relate to State of registraton. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**581.2**	**12 468.8**	**21.5**	**5.3**	**5.2**	**3.5**
Alabama	16.8	338.1	20.1	25.1	20.6	14.4
Alaska	.5	2.6	5.0	52.9	63.3	15.3
Arizona	5.7	97.2	17.0	35.7	31.8	10.7
Arkansas	3.2	86.4	27.2	43.4	24.1	22.9
California	63.6	1 391.4	21.9	26.5	29.9	18.8
Colorado	3.4	55.0	16.1	44.2	54.4	13.0
Connecticut	8.6	112.2	13.1	24.2	23.0	11.6
Delaware	1.4	37.8	27.7	26.8	17.1	18.4
District of Columbia	.1	.9	12.5	56.3	79.3	25.4
Florida	12.6	245.1	19.4	34.1	27.5	25.4
Georgia	27.0	600.9	22.2	21.8	19.0	12.9
Hawaii	2.1	31.6	15.4	32.7	47.6	32.3
Idaho	2.0	39.3	19.9	43.8	58.0	40.9
Illinois	19.9	535.3	26.9	23.4	17.3	17.5
Indiana	19.0	447.7	23.6	21.4	12.5	17.0
Iowa	3.2	56.9	17.6	33.4	30.5	26.9
Kansas	6.2	145.6	23.4	31.1	22.3	24.6
Kentucky	6.4	135.4	21.2	26.0	13.5	21.3
Louisiana	8.6	181.0	21.1	32.9	34.5	18.3
Maine	2.8	60.2	21.4	29.3	37.9	28.6
Maryland	6.0	124.0	20.5	28.1	19.9	12.7
Massachusetts	11.7	248.7	21.3	21.3	18.8	11.5
Michigan	41.0	768.9	18.8	18.7	18.9	12.1
Minnesota	6.8	117.4	17.2	30.7	21.2	16.0
Mississippi	6.0	190.5	31.9	29.3	25.8	16.9
Missouri	15.9	289.8	18.2	23.7	16.1	14.5
Montana	.6	11.7	18.3	70.8	40.8	40.1
Nebraska	3.8	103.0	27.2	34.7	51.5	39.2
Nevada	1.8	29.3	16.4	41.2	46.1	19.9
New Hampshire	2.4	48.1	19.8	30.1	22.7	13.8
New Jersey	11.6	275.3	23.8	23.6	24.5	19.7
New Mexico	5.0	83.6	16.6	35.1	40.4	17.1
New York	36.3	490.0	13.5	20.6	19.9	13.2
North Carolina	18.7	491.4	26.3	19.1	17.1	16.3
North Dakota	.4	14.1	34.7	39.2	25.6	33.5
Ohio	25.3	603.7	23.9	20.4	19.6	12.6
Oklahoma	10.2	208.3	20.4	31.9	28.8	20.5
Oregon	9.4	190.3	20.2	30.8	31.7	18.9
Pennsylvania	26.8	575.7	21.5	20.8	12.1	15.5
Rhode Island	2.3	43.0	18.3	20.4	21.9	12.7
South Carolina	9.8	231.5	23.5	22.3	26.0	15.1
South Dakota	1.4	21.1	14.6	42.8	44.4	36.5
Tennessee	10.7	296.5	27.6	25.2	24.5	13.4
Texas	58.6	1 452.6	24.8	26.5	22.8	15.1
Utah	4.5	80.1	17.9	30.5	34.4	19.9
Vermont	1.6	26.2	16.5	29.8	23.2	11.6
Virginia	9.3	195.5	21.0	25.7	20.8	12.1
Washington	5.1	106.5	20.8	43.4	53.0	15.4
West Virginia	2.5	51.4	20.8	33.1	22.7	15.1
Wisconsin	19.6	447.9	22.9	18.4	14.2	11.2
Wyoming	2.8	52.2	18.7	32.1	38.8	18.7

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 23. Trucks for Retail Trade: 1987

[Trucks included are those used principally in retail trade. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**1 537.1**	**22 673.4**	**14.8**	**3.4**	**4.1**	**2.4**
Alabama	24.3	424.6	17.5	21.5	22.3	12.5
Alaska	4.8	45.6	9.5	21.1	33.0	24.0
Arizona	28.4	482.0	16.9	18.5	21.9	12.7
Arkansas	15.4	288.2	18.7	21.0	15.7	11.2
California	128.0	1 952.9	15.3	19.3	21.7	16.1
Colorado	27.9	423.9	15.2	20.9	28.1	18.2
Connecticut	18.1	211.1	11.6	15.9	18.9	12.3
Delaware	7.3	99.8	13.7	14.1	15.6	8.5
District of Columbia	1.0	11.5	11.7	17.6	22.0	10.0
Florida	51.9	674.2	13.0	19.8	19.5	10.3
Georgia	31.6	601.9	19.0	20.2	23.0	10.3
Hawaii	6.2	64.4	10.4	19.1	22.3	11.4
Idaho	8.5	122.6	14.5	20.9	24.5	12.1
Illinois	61.4	794.0	12.9	17.1	21.3	12.4
Indiana	40.1	531.6	13.3	16.5	19.5	11.3
Iowa	27.5	315.8	11.5	16.3	20.4	12.9
Kansas	21.3	292.5	13.7	20.2	24.4	14.9
Kentucky	26.1	348.9	13.4	18.2	21.3	12.6
Louisiana	31.3	487.5	15.6	18.3	20.7	10.8
Maine	12.4	155.2	12.5	15.2	20.5	14.5
Maryland	19.9	353.7	17.8	16.8	20.0	11.2
Massachusetts	27.5	397.9	14.5	15.1	18.2	10.5
Michigan	42.3	646.5	15.3	19.9	22.1	11.2
Minnesota	30.4	403.7	13.3	16.4	19.6	11.6
Mississippi	22.5	308.0	13.7	17.0	18.1	8.9
Missouri	24.9	438.1	17.6	19.2	23.8	15.5
Montana	8.1	60.9	7.5	22.0	28.9	20.8
Nebraska	18.4	353.0	19.2	16.6	19.5	11.8
Nevada	7.4	96.0	13.0	20.5	22.7	12.0
New Hampshire	10.1	152.0	15.1	16.6	21.0	12.8
New Jersey	42.3	641.5	15.2	14.0	15.9	8.4
New Mexico	15.9	241.8	15.2	19.9	22.9	11.6
New York	93.6	1 065.7	11.4	12.7	14.9	8.6
North Carolina	41.0	503.2	12.3	17.1	18.2	11.6
North Dakota	7.3	70.2	9.7	19.9	21.0	10.4
Ohio	77.0	1 084.0	14.1	15.5	17.7	10.4
Oklahoma	32.8	498.9	15.2	18.3	21.3	12.3
Oregon	26.0	310.9	11.9	19.5	19.6	9.2
Pennsylvania	57.7	994.6	17.2	16.1	18.1	9.6
Rhode Island	7.0	86.7	12.3	12.7	14.5	8.5
South Carolina	28.3	463.9	16.4	14.7	15.8	8.2
South Dakota	8.6	115.8	13.4	17.8	25.4	17.8
Tennessee	27.6	488.8	17.7	20.4	23.3	13.7
Texas	150.3	2 544.2	16.9	18.8	21.4	10.8
Utah	12.0	216.2	18.0	19.0	26.5	18.9
Vermont	4.4	60.4	13.8	16.4	20.2	12.6
Virginia	36.0	541.0	15.0	17.8	20.8	10.3
Washington	30.9	371.4	12.0	20.7	24.4	13.1
West Virginia	14.7	229.8	15.6	16.7	19.4	10.3
Wisconsin	32.2	512.6	15.9	15.8	19.9	12.1
Wyoming	6.5	93.8	14.5	20.9	26.9	17.3

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 24. Trucks for Wholesale Trade: 1987

[Trucks included are those used principally in wholesale trade. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**969.5**	**20 633.3**	**21.3**	**3.9**	**4.1**	**2.5**
Alabama	20.5	618.0	30.2	19.8	28.4	19.4
Alaska	2.6	23.3	9.1	27.7	25.0	15.3
Arizona	16.5	288.1	17.4	22.3	24.3	14.8
Arkansas	10.4	241.2	23.1	26.2	27.0	15.8
California	103.3	1 749.3	16.9	20.6	21.2	15.2
Colorado	14.4	252.7	17.5	27.1	33.3	15.9
Connecticut	10.9	217.1	20.0	19.2	21.0	13.9
Delaware	2.3	48.6	21.1	17.0	13.1	9.0
District of Columbia	.9	10.4	11.8	14.6	15.2	8.7
Florida	47.5	937.2	19.7	19.6	19.1	11.8
Georgia	31.7	583.3	18.4	17.8	12.0	11.7
Hawaii	4.2	56.9	13.4	18.9	20.9	8.9
Idaho	4.9	95.3	19.5	25.1	26.0	12.2
Illinois	47.9	1 191.0	24.9	15.8	15.2	9.1
Indiana	22.1	453.2	20.5	18.8	16.2	7.8
Iowa	11.7	244.9	21.0	20.7	18.2	12.2
Kansas	7.3	187.8	25.7	30.7	26.9	18.6
Kentucky	23.1	500.4	21.7	18.3	20.7	11.9
Louisiana	18.6	407.3	21.9	18.4	20.2	12.5
Maine	4.9	122.8	25.2	20.1	17.2	9.8
Maryland	15.9	406.1	25.5	16.5	15.5	7.9
Massachusetts	26.6	569.9	21.4	14.5	14.9	5.5
Michigan	27.4	621.1	22.7	20.8	18.1	10.6
Minnesota	15.1	339.7	22.6	22.2	20.9	9.5
Mississippi	8.9	250.0	28.2	24.4	23.8	14.0
Missouri	22.4	453.9	20.2	19.0	16.9	10.9
Montana	5.8	86.4	14.9	24.6	27.8	17.2
Nebraska	8.7	252.5	28.9	20.6	21.2	11.6
Nevada	3.4	71.0	21.1	24.6	27.4	17.2
New Hampshire	6.1	138.6	22.8	19.9	23.3	12.7
New Jersey	26.5	498.5	18.8	14.8	12.0	10.0
New Mexico	6.0	185.2	30.9	29.4	37.4	22.3
New York	64.4	1 167.3	18.1	14.5	16.5	8.9
North Carolina	34.3	671.8	19.6	18.1	16.1	11.7
North Dakota	2.5	57.2	23.2	27.9	19.9	17.8
Ohio	44.7	941.8	21.1	17.8	19.1	11.4
Oklahoma	12.4	266.3	21.5	24.6	22.9	11.1
Oregon	11.8	193.1	16.4	23.0	15.1	12.8
Pennsylvania	39.4	811.0	20.6	15.0	11.7	8.9
Rhode Island	3.9	91.0	23.4	15.4	27.3	21.7
South Carolina	11.3	269.5	23.8	17.8	16.9	7.3
South Dakota	4.3	76.6	17.8	25.7	29.5	21.5
Tennessee	20.7	472.6	22.8	18.5	17.3	9.6
Texas	57.6	1 650.9	28.7	26.4	28.7	9.7
Utah	4.0	94.4	23.7	15.2	12.1	8.2
Vermont	1.9	39.6	21.1	20.0	16.8	11.1
Virginia	24.6	540.8	21.9	19.7	20.7	8.7
Washington	24.2	543.8	22.5	22.0	29.3	18.9
West Virginia	7.7	114.5	14.9	18.7	14.7	11.5
Wisconsin	17.7	469.0	26.4	18.6	20.4	11.4
Wyoming	3.7	60.4	16.3	26.0	33.5	22.0

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 25. Trucks for Hire: 1987

[Trucks included are those used principally in for-hire transportation—mixed or general cargo. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**796.1**	**43 239.8**	**54.3**	**2.0**	**1.4**	**1.5**
Alabama	17.8	1 417.1	79.8	4.5	4.6	3.2
Alaska	2.1	51.8	25.0	20.4	24.7	12.7
Arizona	5.1	191.8	37.5	9.2	9.8	8.1
Arkansas	2.0	151.4	76.4	4.6	4.7	3.3
California	66.3	4 041.6	60.9	4.8	5.6	4.8
Colorado	5.4	79.4	14.6	39.0	56.5	37.0
Connecticut	4.7	142.9	30.4	15.7	15.5	6.2
Delaware	3.7	222.4	59.6	10.0	9.3	4.7
District of Columbia	.1	1.9	30.2	21.3	17.4	19.2
Florida	24.1	1 321.0	54.8	5.8	5.2	4.4
Georgia	24.7	1 234.5	50.1	11.8	6.8	10.4
Hawaii	2.0	34.4	17.3	15.1	11.6	9.2
Idaho	2.3	115.3	49.4	26.4	19.4	11.0
Illinois	92.4	6 092.0	65.9	4.6	3.9	3.5
Indiana	28.7	1 856.4	64.6	8.4	6.2	5.6
Iowa	18.1	1 228.4	68.0	10.0	8.6	5.9
Kansas	12.4	718.3	57.7	12.9	5.2	10.9
Kentucky	10.7	465.4	43.5	12.2	8.7	7.5
Louisiana	11.5	578.9	50.2	13.1	8.8	7.8
Maine	3.3	183.9	55.1	12.6	8.3	7.4
Maryland	9.5	410.3	43.2	7.0	6.8	5.9
Massachusetts	12.2	405.9	33.1	13.1	8.8	9.8
Michigan	28.3	1 040.1	36.7	17.0	9.5	11.4
Minnesota	15.5	834.7	54.0	12.1	8.8	8.2
Mississippi	6.8	468.9	69.4	16.4	14.3	8.0
Missouri	19.2	1 082.4	56.4	5.2	5.2	4.1
Montana	3.9	244.9	63.4	17.2	9.2	11.9
Nebraska	18.7	1 363.8	73.1	7.7	4.4	6.1
Nevada	1.5	60.3	41.6	25.7	19.2	8.4
New Hampshire	4.2	175.0	41.6	15.6	8.3	11.6
New Jersey	20.4	1 038.8	50.9	7.6	6.1	6.4
New Mexico	1.4	19.6	13.7	51.8	25.2	39.3
New York	33.4	1 068.3	32.0	15.7	11.7	8.6
North Carolina	28.5	1 804.6	63.3	10.5	9.0	4.5
North Dakota	3.3	185.4	55.8	14.5	7.9	13.9
Ohio	43.8	2 228.4	50.8	9.3	7.1	5.3
Oklahoma	11.6	666.9	57.5	12.9	17.0	6.7
Oregon	12.8	685.6	53.6	14.0	7.6	9.4
Pennsylvania	32.4	1 616.8	49.9	8.6	5.4	7.5
Rhode Island	1.6	51.3	32.5	13.6	9.7	9.0
South Carolina	7.3	317.0	43.3	18.2	9.4	11.5
South Dakota	4.4	295.4	67.8	13.0	9.9	9.2
Tennessee	17.1	1 216.9	71.0	5.4	5.8	4.3
Texas	54.3	2 765.1	50.9	14.2	7.7	10.3
Utah	6.0	413.9	69.1	9.7	4.8	8.2
Vermont	1.8	84.4	46.0	17.6	11.2	11.9
Virginia	24.9	931.8	37.4	12.1	8.4	7.8
Washington	8.6	322.0	37.6	18.7	11.3	10.2
West Virginia	4.1	156.9	38.4	7.5	6.9	6.0
Wisconsin	18.3	1 021.5	55.8	11.0	5.8	8.0
Wyoming	2.9	134.2	46.8	17.4	9.3	11.6

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 26. **Trucks for Utilities: 1987**

[Trucks included are those used principally for utilities—telephone, electric, gas, etc. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**472.4**	**5 829.4**	**12.3**	**6.6**	**8.2**	**4.3**
Alabama	10.3	117.8	11.5	31.0	34.6	21.3
Alaska	2.3	14.0	6.2	31.4	40.8	21.8
Arizona	3.0	53.5	17.8	55.3	67.8	17.0
Arkansas	5.7	84.0	14.8	37.1	42.9	21.4
California	60.3	548.9	9.1	30.3	36.0	17.1
Colorado	5.2	46.6	8.9	41.0	45.3	8.8
Connecticut	5.1	40.3	8.0	30.8	34.7	14.3
Delaware	1.4	22.6	15.9	29.3	42.8	24.3
District of Columbia	1.3	7.5	6.0	14.6	19.2	11.2
Florida	33.1	448.2	13.6	26.9	31.9	15.8
Georgia	12.2	180.9	14.8	27.5	40.9	21.2
Hawaii	1.4	21.7	15.1	37.4	47.6	26.0
Idaho	1.4	28.2	19.9	44.2	57.4	26.8
Illinois	10.0	78.5	7.8	27.5	29.1	8.4
Indiana	7.5	118.8	15.9	31.4	53.7	31.5
Iowa	7.2	68.3	9.5	29.7	34.1	12.0
Kansas	5.2	62.0	11.8	36.9	41.7	10.7
Kentucky	7.1	90.4	12.8	28.6	29.5	8.5
Louisiana	8.4	75.1	8.9	33.5	34.9	24.4
Maine	2.3	36.4	15.5	34.9	38.8	14.3
Maryland	8.7	97.4	11.3	28.9	38.0	21.6
Massachusetts	7.1	56.2	7.9	25.8	27.3	10.0
Michigan	5.2	69.8	13.6	16.8	18.9	9.9
Minnesota	9.2	91.1	9.9	29.1	34.7	21.6
Mississippi	2.5	37.7	15.3	45.8	37.9	13.6
Missouri	7.5	71.5	9.5	29.0	35.5	18.6
Montana	1.2	14.5	11.7	38.7	46.6	12.3
Nebraska	4.9	72.8	14.9	30.5	43.2	25.5
Nevada	.9	21.0	23.9	59.8	74.2	37.6
New Hampshire	2.5	28.8	11.5	29.4	30.5	7.9
New Jersey	12.5	165.1	13.2	25.5	31.0	12.0
New Mexico	4.5	84.3	18.8	32.4	43.9	20.5
New York	21.2	179.7	8.5	24.3	28.4	12.2
North Carolina	12.8	161.4	12.6	30.9	33.4	9.2
North Dakota	1.9	30.0	15.8	38.9	53.9	31.3
Ohio	20.7	250.0	12.1	27.3	33.0	11.0
Oklahoma	5.3	65.6	12.5	37.3	46.4	13.0
Oregon	5.4	50.1	9.3	38.8	41.8	12.8
Pennsylvania	37.9	511.4	13.5	21.4	26.5	11.8
Rhode Island	1.0	7.5	7.3	34.5	34.4	13.9
South Carolina	8.5	94.4	11.2	25.4	28.7	9.2
South Dakota	1.8	22.1	12.6	36.3	40.2	16.8
Tennessee	6.4	168.8	26.2	41.5	54.7	25.6
Texas	55.1	883.1	16.0	29.0	34.7	15.9
Utah	3.2	30.1	9.5	33.2	34.7	12.4
Vermont	1.0	12.2	12.3	32.2	37.2	11.3
Virginia	13.2	194.1	14.7	29.7	38.3	23.1
Washington	1.7	17.6	10.2	22.5	30.4	21.0
West Virginia	5.4	61.2	11.4	26.7	30.6	10.4
Wisconsin	10.7	116.1	10.9	25.4	30.1	13.0
Wyoming	2.3	20.2	8.9	33.9	42.1	18.6

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 27. **Trucks for Services: 1987**

[Trucks included are those used in service—hotel, automobile repair, laundry, etc. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**1 980.8**	**27 207.3**	**13.7**	**3.2**	**3.9**	**2.3**
Alabama	30.8	380.6	12.3	18.6	22.7	14.5
Alaska	10.5	98.6	9.4	15.4	20.8	13.9
Arizona	24.6	357.1	14.5	19.9	23.7	11.5
Arkansas	20.2	212.7	10.5	19.4	23.3	13.2
California	211.3	2 613.5	12.4	17.3	19.3	9.4
Colorado	47.2	527.1	11.2	16.0	19.8	12.2
Connecticut	30.8	431.8	14.0	12.8	16.2	9.5
Delaware	5.1	78.8	15.5	17.4	28.5	22.0
District of Columbia	2.6	35.7	13.5	10.6	15.9	11.5
Florida	126.9	2 098.9	16.5	14.0	17.6	11.0
Georgia	68.2	1 293.2	19.0	15.0	21.7	15.6
Hawaii	12.8	167.5	13.1	13.4	17.2	10.8
Idaho	13.0	149.5	11.5	17.3	24.6	17.1
Illinois	100.7	1 219.8	12.1	13.0	15.0	8.7
Indiana	42.7	580.4	13.6	16.8	20.7	13.2
Iowa	35.6	459.4	12.9	14.0	15.2	8.9
Kansas	22.3	251.4	11.3	19.9	25.6	15.3
Kentucky	32.3	416.7	12.9	16.7	21.6	12.6
Louisiana	38.2	548.6	14.3	17.6	19.3	10.3
Maine	12.8	154.6	12.0	15.4	19.4	11.2
Maryland	32.7	548.3	16.8	14.2	17.6	9.4
Massachusetts	43.0	566.4	13.2	13.0	14.7	8.4
Michigan	62.1	919.4	14.8	16.2	19.4	10.9
Minnesota	23.6	246.5	10.5	20.2	21.6	11.0
Mississippi	11.5	132.6	11.6	24.4	29.4	16.3
Missouri	26.4	434.2	16.4	21.3	30.6	21.1
Montana	12.7	97.3	7.7	17.8	23.3	15.8
Nebraska	20.0	307.1	15.4	16.0	19.9	11.1
Nevada	16.9	265.5	15.7	13.8	17.3	10.5
New Hampshire	14.8	174.8	11.8	13.8	17.4	10.7
New Jersey	74.8	1 167.7	15.6	10.4	12.1	7.6
New Mexico	18.7	233.1	12.4	18.0	24.4	15.4
New York	55.9	723.7	12.9	17.7	22.3	13.1
North Carolina	49.5	701.3	14.2	17.8	22.7	13.3
North Dakota	9.1	116.7	12.9	18.3	21.9	10.8
Ohio	87.4	1 403.3	16.1	14.7	18.4	10.8
Oklahoma	32.0	498.1	15.6	18.8	21.8	13.1
Oregon	30.7	301.5	9.8	18.4	21.2	11.5
Pennsylvania	82.6	1 046.1	12.7	14.4	16.4	8.8
Rhode Island	5.6	78.6	14.0	15.5	18.4	9.1
South Carolina	21.1	312.1	14.8	19.0	24.1	14.6
South Dakota	6.7	74.1	11.1	21.0	29.4	20.1
Tennessee	44.5	743.0	16.7	16.9	21.0	12.4
Texas	130.1	1 812.3	13.9	21.3	25.5	15.1
Utah	15.9	177.3	11.2	16.5	19.2	10.3
Vermont	7.0	84.7	12.1	14.6	19.1	11.8
Virginia	37.6	402.5	10.7	18.6	20.6	9.6
Washington	53.8	681.5	12.7	15.7	20.1	13.0
West Virginia	9.6	88.8	9.2	22.0	27.9	18.3
Wisconsin	46.8	707.5	15.1	13.6	19.1	12.7
Wyoming	9.2	85.4	9.3	17.8	23.0	15.2

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 28. **Trucks for Mining: 1987**

[Trucks included are those used principally in mining. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**204.6**	**3 353.5**	**16.4**	**7.1**	**8.1**	**4.7**
Alabama	7.1	161.6	22.8	39.6	45.4	24.4
Alaska	.7	4.1	5.7	42.8	21.4	42.0
Arizona	3.4	46.8	13.8	48.8	52.3	10.8
Arkansas	.2	4.1	22.0	21.3	22.9	16.8
California	6.4	113.4	17.6	26.8	31.4	29.3
Colorado	7.1	83.0	11.7	41.8	55.8	33.9
Connecticut	1.0	10.5	10.2	62.4	43.5	24.1
Delaware	.1	3.5	38.5	44.6	50.4	42.8
District of Columbia	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Florida	.8	28.6	36.6	47.3	40.4	27.3
Georgia	1.2	24.9	20.1	33.1	34.6	26.0
Hawaii	(Z)	.5	12.2	33.7	45.0	22.9
Idaho	1.0	21.5	22.1	63.2	90.8	61.5
Illinois	11.4	153.7	13.5	39.4	54.7	36.3
Indiana	1.8	27.9	15.6	31.8	33.8	28.9
Iowa	.7	6.3	9.6	37.8	52.5	42.4
Kansas	13.0	194.9	15.0	24.7	31.7	20.7
Kentucky	9.1	175.8	19.2	25.3	32.7	20.0
Louisiana	10.7	192.2	17.9	29.0	32.8	16.8
Maine	.2	3.0	17.1	35.6	49.1	40.1
Maryland	1.3	35.7	28.0	25.0	24.9	20.7
Massachusetts	.9	20.6	22.5	25.7	29.0	16.9
Michigan	5.2	75.0	14.5	58.0	61.2	24.8
Minnesota	.6	9.4	15.6	37.9	42.5	17.6
Mississippi	1.2	20.6	17.3	66.5	55.1	15.5
Missouri	1.1	20.9	19.4	27.8	37.6	21.5
Montana	3.0	37.5	12.3	33.3	37.9	22.7
Nebraska	.6	7.2	11.9	36.5	52.7	41.8
Nevada	1.9	23.7	12.3	39.1	36.1	27.2
New Hampshire	.3	3.1	10.7	26.0	30.3	25.6
New Jersey	.4	20.4	49.6	39.6	45.1	24.5
New Mexico	6.9	151.7	22.0	25.9	31.5	15.2
New York	1.4	14.6	10.5	39.4	45.6	34.7
North Carolina	2.0	24.3	12.0	33.7	46.9	46.0
North Dakota	1.2	18.6	15.7	44.8	45.5	12.3
Ohio	12.0	226.7	18.9	36.1	46.9	36.2
Oklahoma	19.0	299.7	15.8	21.1	24.9	13.9
Oregon	1.5	20.7	13.6	77.7	85.0	10.0
Pennsylvania	16.9	334.7	19.8	29.6	27.4	12.8
Rhode Island	.4	3.8	9.4	60.4	58.4	14.1
South Carolina	.9	10.4	12.1	29.3	42.8	31.4
South Dakota	1.3	9.0	6.8	46.2	50.9	24.0
Tennessee	1.3	30.8	23.2	26.2	28.0	22.8
Texas	23.8	354.3	14.9	31.2	32.2	8.6
Utah	2.3	27.5	11.8	38.6	32.3	26.2
Vermont	.1	1.3	10.1	29.8	33.5	27.8
Virginia	4.2	50.1	12.0	41.2	36.2	20.2
Washington	.2	3.0	14.5	37.3	69.2	60.3
West Virginia	7.4	107.7	14.5	22.1	23.5	12.6
Wisconsin	1.9	29.7	16.0	59.5	57.8	20.3
Wyoming	7.5	104.6	14.0	16.9	19.7	12.1

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 29. Trucks for Forestry and Lumbering: 1987

[Trucks included are those used principally in forestry and lumbering. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**282.2**	**5 004.3**	**17.7**	**7.4**	**7.3**	**4.8**
Alabama	13.5	276.3	20.4	21.4	15.8	15.4
Alaska	.9	7.9	9.3	50.8	59.4	32.9
Arizona	1.6	31.1	19.4	73.1	42.1	38.9
Arkansas	10.2	163.9	16.1	27.6	30.7	17.5
California	26.3	348.2	13.2	48.8	52.8	31.6
Colorado	2.0	15.9	7.8	72.9	66.8	13.1
Connecticut	2.4	18.4	7.7	42.5	32.8	17.7
Delaware	.3	7.1	20.5	59.0	45.4	18.9
District of Columbia	(Z)	1.0	21.8	86.8	98.4	17.0
Florida	3.2	109.8	34.3	21.1	19.7	14.0
Georgia	6.2	200.8	32.3	31.1	33.0	41.7
Hawaii	(Z)	.4	14.8	49.5	55.0	17.1
Idaho	7.8	111.8	14.3	19.9	18.6	11.3
Illinois	1.9	14.6	7.9	41.6	44.7	12.4
Indiana	3.5	32.6	9.4	47.3	46.6	19.7
Iowa	3.5	39.7	11.4	40.5	50.9	36.7
Kansas	1.3	21.5	16.5	82.5	89.2	15.1
Kentucky	3.0	41.6	13.8	17.8	21.0	19.2
Louisiana	6.9	258.6	37.4	29.9	30.6	16.7
Maine	9.0	172.2	19.2	15.7	13.9	9.6
Maryland	3.0	71.3	23.4	34.0	51.5	23.5
Massachusetts	3.8	40.3	10.5	37.6	30.4	16.1
Michigan	11.7	132.1	11.3	36.3	32.3	17.3
Minnesota	6.8	49.2	7.3	30.9	20.3	25.4
Mississippi	10.2	196.5	19.2	22.9	19.0	13.7
Missouri	8.5	92.4	10.9	34.2	29.6	17.0
Montana	4.9	68.4	13.8	25.7	23.8	21.3
Nebraska	1.7	10.9	6.6	55.4	52.0	26.0
Nevada	.1	1.1	18.2	49.8	69.2	71.7
New Hampshire	3.6	45.7	12.7	22.8	17.9	15.3
New Jersey	4.1	80.5	19.7	42.8	55.8	27.9
New Mexico	1.8	10.4	5.7	56.3	70.6	50.5
New York	6.5	94.9	14.5	35.3	25.1	17.5
North Carolina	10.0	172.3	17.2	28.7	29.8	13.1
North Dakota	.3	4.5	16.9	57.8	43.8	58.7
Ohio	7.9	113.0	14.2	44.9	49.6	18.4
Oklahoma	1.5	21.1	13.7	27.0	29.8	28.1
Oregon	16.3	305.8	18.8	22.0	14.7	12.0
Pennsylvania	6.4	104.1	16.3	36.9	32.7	16.9
Rhode Island	.6	5.9	9.7	41.7	50.9	31.4
South Carolina	3.5	125.2	36.2	26.1	30.1	8.8
South Dakota	.8	13.5	17.1	47.8	63.0	22.4
Tennessee	3.3	45.5	13.8	17.2	21.9	19.3
Texas	18.2	450.9	24.8	55.1	43.0	22.4
Utah	1.6	11.0	7.1	47.4	30.7	27.0
Vermont	3.0	40.9	13.8	20.7	20.1	9.3
Virginia	15.0	295.1	19.7	27.0	30.5	19.8
Washington	14.3	388.1	27.1	26.6	33.2	22.8
West Virginia	2.2	39.0	17.4	27.7	21.4	12.6
Wisconsin	6.2	90.5	14.6	31.1	38.8	17.5
Wyoming	.8	10.9	13.0	41.5	27.7	23.3

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 30. **Trucks for Daily Rental: 1987**

[Trucks included are those used principally in daily rental or short-term lease (excludes one-way rental). Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**147.6**	**3 607.3**	**24.4**	**11.8**	**7.8**	**7.5**
Alabama	1.6	21.9	13.6	87.0	66.8	27.6
Alaska	.7	6.2	8.3	57.4	54.6	32.1
Arizona	1.6	20.4	12.7	72.6	85.1	17.1
Arkansas	.9	31.8	33.7	79.7	71.1	9.3
California	41.2	581.6	14.1	36.2	32.9	21.7
Colorado	3.3	36.5	10.9	61.9	76.4	54.8
Connecticut	3.6	107.9	30.0	25.9	19.6	10.2
Delaware	.5	8.4	18.4	60.4	62.4	16.0
District of Columbia	.2	3.9	19.0	43.9	51.9	27.7
Florida	11.8	318.7	27.0	43.0	38.6	19.7
Georgia	4.1	85.2	20.7	47.1	26.0	28.3
Hawaii	2.2	18.1	8.1	33.1	41.8	25.2
Idaho	(Z)	(Z)	1.0	96.6	96.6	(Z)
Illinois	5.6	183.3	32.8	23.4	22.7	19.7
Indiana	5.6	185.4	33.4	39.6	26.4	27.0
Iowa	1.1	87.6	76.7	27.7	28.5	9.7
Kansas	1.0	26.9	27.0	36.6	30.2	16.6
Kentucky	.7	13.6	18.9	36.4	34.5	26.6
Louisiana	2.8	45.7	16.4	66.8	52.4	19.1
Maine	.8	34.1	41.0	18.4	18.9	10.3
Maryland	2.9	61.5	21.2	35.3	27.0	15.9
Massachusetts	5.1	126.0	24.8	29.3	21.9	12.3
Michigan	7.2	254.2	35.1	31.2	18.7	17.9
Minnesota	1.3	64.8	51.8	21.3	17.9	15.1
Mississippi	.1	2.8	34.9	68.9	68.7	75.6
Missouri	1.6	60.5	37.3	24.0	19.8	18.2
Montana	1.4	17.9	13.1	57.1	68.4	38.0
Nebraska	.4	15.8	45.0	36.8	36.5	5.3
Nevada	1.5	21.2	14.5	44.4	48.1	22.3
New Hampshire	1.0	29.0	29.6	52.7	51.8	13.8
New Jersey	3.1	74.9	24.0	40.2	26.9	24.1
New Mexico	.1	.5	5.5	62.0	64.1	5.5
New York	4.2	98.3	23.2	20.4	20.2	13.8
North Carolina	1.3	75.0	59.2	30.8	28.6	23.9
North Dakota	.1	2.4	35.8	56.3	68.9	39.7
Ohio	2.7	155.9	58.4	24.1	20.6	18.9
Oklahoma	2.4	27.4	11.4	24.1	24.7	18.8
Oregon	.7	21.8	31.3	22.6	24.3	19.1
Pennsylvania	4.2	111.5	26.7	56.4	54.0	10.8
Rhode Island	.3	11.6	37.5	16.6	16.5	9.6
South Carolina	1.4	36.1	25.7	62.0	46.3	22.7
South Dakota	.5	5.3	11.7	78.7	69.0	13.1
Tennessee	4.7	229.0	48.6	46.6	33.6	20.5
Texas	2.4	98.3	41.1	36.3	32.1	26.2
Utah	1.4	27.1	20.0	53.8	23.7	36.9
Vermont	.3	3.7	14.6	72.2	78.9	10.7
Virginia	1.5	44.4	29.9	25.2	23.1	16.1
Washington	.7	18.9	25.2	28.2	36.5	22.4
West Virginia	.4	10.6	28.7	32.3	28.1	18.5
Wisconsin	3.5	82.9	23.8	44.5	31.1	17.7
Wyoming	(Z)	1.0	22.3	49.6	62.7	50.8

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 31. Trucks for One-Way Rental: 1987

[Trucks included are those used principally in one-way rental (excludes daily rental). Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**33.8**	**545.4**	**16.1**	**8.7**	**9.7**	**4.6**
Alabama	1.4	15.8	11.5	32.8	33.0	3.5
Alaska	.1	.9	13.6	56.2	64.0	30.5
Arizona	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Arkansas	.7	12.4	18.1	11.1	11.9	4.2
California	.1	4.9	43.0	99.6	99.6	(Z)
Colorado	2.0	18.0	9.1	23.4	25.7	12.1
Connecticut	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Delaware	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
District of Columbia	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Florida	4.1	83.9	20.5	24.0	24.8	12.0
Georgia	1.6	31.6	19.4	34.2	34.4	8.1
Hawaii	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Idaho	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Illinois	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Indiana	.9	10.8	12.0	49.7	49.7	(Z)
Iowa	.2	.6	4.0	99.7	99.7	(Z)
Kansas	2.5	26.4	10.5	24.8	24.9	5.1
Kentucky	.4	11.6	30.0	52.2	38.7	31.2
Louisiana	1.8	28.1	15.5	26.2	31.7	17.9
Maine	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Maryland	2.2	41.0	19.0	24.6	24.0	7.9
Massachusetts	.8	15.3	20.4	44.3	46.1	12.7
Michigan	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Minnesota	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Mississippi	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Missouri	.7	4.0	6.0	49.7	50.9	10.8
Montana	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Nebraska	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Nevada	(Z)	.2	34.4	92.9	92.9	(Z)
New Hampshire	(Z)	.3	38.1	93.9	93.9	(Z)
New Jersey	(Z)	.3	8.4	98.8	98.8	(Z)
New Mexico	.3	5.8	20.8	33.4	34.7	9.1
New York	.6	21.0	37.7	59.7	52.7	45.1
North Carolina	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
North Dakota	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Ohio	2.1	23.2	11.0	40.5	41.1	6.9
Oklahoma	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Oregon	.1	.8	15.0	99.1	99.1	(Z)
Pennsylvania	2.9	25.7	8.7	31.2	31.8	6.3
Rhode Island	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
South Carolina	2.7	67.3	25.3	35.4	43.8	11.6
South Dakota	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Tennessee	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Texas	5.8	87.4	15.1	29.7	29.9	3.7
Utah	.1	8.1	59.4	57.0	58.1	11.3
Vermont	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Virginia	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Washington	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
West Virginia	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Wisconsin	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Wyoming	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 32. **Local Range of Operation: 1987**

[Trucks included are those used mostly in the local area. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**33 684.8**	**350 883.5**	**10.4**	**.4**	**.8**	**.7**
Alabama	646.5	6 519.8	10.1	2.3	4.2	3.5
Alaska	126.4	1 046.2	8.3	2.4	4.5	3.8
Arizona	578.1	6 567.0	11.4	2.1	3.7	3.1
Arkansas	378.8	3 819.8	10.1	2.4	4.5	3.8
California	3 591.8	37 958.1	10.6	2.2	3.9	3.2
Colorado	733.1	6 834.6	9.3	2.1	4.1	3.5
Connecticut	353.5	3 716.6	10.5	1.9	3.5	2.9
Delaware	95.6	1 060.8	11.1	1.8	3.9	3.5
District of Columbia	15.8	148.9	9.4	2.5	4.8	4.0
Florida	1 513.4	17 838.9	11.8	2.0	3.7	3.2
Georgia	937.3	10 234.0	10.9	2.0	4.1	3.6
Hawaii	129.0	1 180.0	9.2	2.1	3.8	3.3
Idaho	220.5	1 940.3	8.8	2.4	4.8	4.2
Illinois	1 158.7	11 613.6	10.0	2.0	3.7	3.1
Indiana	861.7	8 758.9	10.2	1.7	3.4	3.0
Iowa	542.8	4 615.0	8.5	1.7	3.7	3.3
Kansas	545.9	4 717.4	8.6	2.1	4.2	3.5
Kentucky	597.1	5 550.4	9.3	2.1	3.8	3.2
Louisiana	691.3	7 651.4	11.1	2.2	3.8	3.1
Maine	199.2	2 089.4	10.5	1.9	3.7	3.1
Maryland	507.2	5 736.2	11.3	2.0	3.2	2.6
Massachusetts	537.2	6 306.9	11.7	1.8	3.1	2.5
Michigan	1 181.4	13 381.8	11.3	2.0	3.7	3.2
Minnesota	658.3	6 575.5	10.0	1.9	3.6	3.0
Mississippi	371.8	3 686.6	9.9	2.3	4.3	3.6
Missouri	711.9	7 737.4	10.9	2.3	3.8	3.1
Montana	211.5	1 614.0	7.6	2.5	4.9	4.2
Nebraska	330.9	3 115.1	9.4	2.0	4.2	3.7
Nevada	189.7	1 903.8	10.0	2.1	3.9	3.3
New Hampshire	175.2	1 925.0	11.0	2.2	3.6	2.9
New Jersey	617.4	7 075.9	11.5	2.0	3.3	2.7
New Mexico	311.0	3 019.6	9.7	2.7	4.9	4.1
New York	1 215.0	12 546.8	10.3	1.9	3.3	2.7
North Carolina	1 079.2	10 607.0	9.8	1.7	3.4	2.9
North Dakota	184.0	1 313.7	7.1	2.2	4.7	4.0
Ohio	1 357.6	13 921.0	10.3	1.8	3.6	3.1
Oklahoma	680.7	7 130.2	10.5	2.1	4.1	3.6
Oregon	621.2	5 578.4	9.0	2.1	3.8	3.2
Pennsylvania	1 337.3	13 348.0	10.0	1.7	3.1	2.6
Rhode Island	95.8	1 055.1	11.0	1.8	3.7	3.3
South Carolina	469.0	5 456.1	11.6	1.9	3.7	3.2
South Dakota	168.1	1 328.7	7.9	2.4	4.6	3.8
Tennessee	767.1	8 034.7	10.5	2.1	3.7	3.1
Texas	2 835.3	33 936.2	12.0	2.5	4.3	3.5
Utah	280.7	2 758.1	9.8	2.1	3.8	3.1
Vermont	102.8	1 096.3	10.7	1.8	3.2	2.7
Virginia	899.5	9 190.7	10.2	1.8	3.4	2.9
Washington	807.9	7 672.3	9.5	2.2	4.2	3.6
West Virginia	302.2	2 613.2	8.6	2.2	3.8	3.1
Wisconsin	618.0	6 181.6	10.0	1.8	3.7	3.2
Wyoming	143.6	1 176.4	8.2	2.8	4.8	4.0

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 33. **Short-Range of Operation: 1987**

[Trucks included are those used mostly over-the-road (beyond the local area) but not usually more than 200 miles one way to the most distant stop from the place vehicle is stationed. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**6 612.0**	**108 276.4**	**16.4**	**1.8**	**2.0**	**1.2**
Alabama	144.7	2 531.3	17.5	8.5	9.1	5.7
Alaska	25.0	240.5	9.6	9.7	13.5	9.7
Arizona	107.7	1 547.9	14.4	9.2	10.7	6.3
Arkansas	78.8	1 245.8	15.8	9.1	9.3	5.4
California	752.9	11 783.1	15.7	8.6	9.3	6.1
Colorado	140.1	1 578.8	11.3	9.1	12.3	8.2
Connecticut	51.6	832.7	16.2	9.8	10.6	6.5
Delaware	14.2	262.6	18.4	9.8	9.2	6.0
District of Columbia	1.8	20.8	11.6	14.0	16.2	9.8
Florida	236.6	3 843.8	16.2	9.9	9.6	5.7
Georgia	180.6	3 492.4	19.3	8.7	9.4	6.0
Hawaii	19.3	263.2	13.6	10.6	12.9	7.6
Idaho	54.8	642.2	11.7	7.7	9.6	6.6
Illinois	233.6	4 184.5	17.9	8.2	8.3	5.9
Indiana	120.4	2 052.5	17.0	9.5	10.7	8.2
Iowa	77.6	1 353.3	17.4	9.3	10.2	7.6
Kansas	95.7	1 465.8	15.3	9.2	9.8	6.4
Kentucky	137.5	2 280.0	16.6	7.8	9.0	5.5
Louisiana	137.1	2 474.4	18.1	8.7	9.8	6.5
Maine	36.6	666.8	18.2	8.5	9.4	6.9
Maryland	111.7	2 140.9	19.2	7.7	8.4	5.0
Massachusetts	90.6	1 683.2	18.6	8.7	8.9	5.3
Michigan	232.9	3 850.3	16.5	8.3	9.4	6.0
Minnesota	117.5	1 821.8	15.5	8.6	8.8	5.3
Mississippi	73.4	1 420.4	19.4	9.1	9.8	6.1
Missouri	204.3	3 038.2	14.9	7.0	8.3	5.4
Montana	55.7	616.3	11.1	7.7	9.7	6.6
Nebraska	64.2	1 055.1	16.4	8.4	9.7	7.1
Nevada	30.6	351.6	11.5	10.0	11.9	7.1
New Hampshire	37.9	742.7	19.6	8.3	9.5	5.7
New Jersey	119.8	2 487.6	20.8	8.1	7.9	5.2
New Mexico	81.3	1 285.1	15.8	8.3	24.1	22.6
New York	199.5	3 148.1	15.8	9.1	10.6	7.1
North Carolina	173.2	2 866.2	16.5	8.9	9.2	6.0
North Dakota	40.0	442.4	11.1	8.0	9.6	6.0
Ohio	253.1	4 697.2	18.6	8.3	8.5	5.1
Oklahoma	111.9	1 759.6	15.7	9.5	11.0	7.4
Oregon	119.2	1 642.7	13.8	8.8	9.2	6.0
Pennsylvania	221.4	4 101.9	18.5	8.4	7.8	5.1
Rhode Island	15.0	241.3	16.1	9.2	9.9	6.1
South Carolina	75.9	1 251.1	16.5	9.2	9.7	6.4
South Dakota	36.8	523.7	14.2	8.5	10.9	7.8
Tennessee	140.9	2 499.5	17.7	9.0	10.3	6.5
Texas	705.0	12 130.1	17.2	8.6	9.5	5.4
Utah	55.7	791.8	14.2	8.5	9.9	6.8
Vermont	17.7	338.5	19.1	8.7	9.3	5.3
Virginia	148.4	2 404.4	16.2	8.9	9.5	5.7
Washington	200.5	2 756.2	13.7	7.7	10.4	7.6
West Virginia	75.8	1 138.0	15.0	7.4	8.6	5.2
Wisconsin	113.6	1 808.3	15.9	8.3	8.6	6.0
Wyoming	42.0	479.9	11.4	7.6	9.2	6.2

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 34. **Long-Range of Operation: 1987**

[Trucks included are those used mostly over-the-road on trips that are usually more than 200 miles one way. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**1 997.3**	**56 016.8**	**28.0**	**3.2**	**2.0**	**2.2**
Alabama	30.9	1 696.9	55.0	15.1	10.2	11.8
Alaska	10.5	160.0	15.3	15.7	19.0	12.5
Arizona	38.1	605.8	15.9	16.2	17.5	11.3
Arkansas	22.7	437.2	19.3	17.2	13.3	10.7
California	211.7	4 667.9	22.0	16.9	10.1	11.0
Colorado	43.2	485.8	11.2	17.7	23.0	15.3
Connecticut	12.3	240.6	19.5	19.7	16.6	11.4
Delaware	5.8	203.9	35.2	14.5	7.2	10.7
District of Columbia	1.4	14.3	10.4	16.6	20.2	13.5
Florida	106.8	2 157.6	20.2	15.0	13.2	11.0
Georgia	35.1	1 518.1	43.2	17.3	10.2	11.9
Hawaii	1.8	15.7	8.5	36.9	38.7	13.6
Idaho	19.5	341.4	17.5	13.8	15.5	11.0
Illinois	142.8	6 173.8	43.2	9.0	4.7	6.9
Indiana	43.9	2 045.4	46.6	13.0	5.5	9.9
Iowa	33.8	1 285.0	38.0	13.2	7.3	9.7
Kansas	27.2	858.4	31.6	16.2	7.5	12.1
Kentucky	23.1	572.5	24.8	18.9	12.7	12.4
Louisiana	30.3	811.7	26.8	19.1	16.6	12.7
Maine	8.1	242.2	29.9	17.8	10.5	12.1
Maryland	21.3	402.9	18.9	19.0	14.2	10.1
Massachusetts	24.7	431.0	17.5	18.0	14.4	11.0
Michigan	73.2	2 055.8	28.1	15.2	16.2	12.6
Minnesota	29.8	858.6	28.8	16.8	10.4	12.1
Mississippi	20.2	676.3	33.5	16.5	12.4	12.1
Missouri	50.9	1 612.0	31.7	13.7	9.2	9.0
Montana	18.3	382.3	20.9	13.8	9.5	10.1
Nebraska	22.8	1 437.5	62.9	10.6	4.8	8.2
Nevada	16.1	232.5	14.4	14.1	13.7	9.1
New Hampshire	8.6	205.1	24.0	18.1	12.8	11.4
New Jersey	22.0	798.5	36.2	18.8	12.2	14.2
New Mexico	34.1	578.3	16.9	13.5	18.1	12.7
New York	58.6	1 050.1	17.9	17.6	13.9	11.0
North Carolina	63.2	2 207.4	34.9	14.2	8.1	10.0
North Dakota	10.2	289.2	28.3	15.8	8.2	10.8
Ohio	81.5	2 277.3	28.0	14.2	8.4	10.7
Oklahoma	42.3	1 319.7	31.2	15.4	17.0	13.3
Oregon	51.6	897.6	17.4	13.7	9.6	9.6
Pennsylvania	52.0	1 630.5	31.4	16.6	8.0	12.5
Rhode Island	2.5	48.9	19.5	23.0	16.0	16.9
South Carolina	16.9	534.1	31.6	19.8	17.5	13.8
South Dakota	12.8	394.3	30.8	14.0	8.4	9.2
Tennessee	46.6	1 880.1	40.3	14.5	8.4	9.3
Texas	188.7	4 641.1	24.6	16.7	11.1	9.9
Utah	27.3	660.0	24.2	12.1	8.3	8.5
Vermont	4.0	96.4	24.0	18.7	12.9	10.9
Virginia	34.7	1 006.5	29.0	18.4	13.9	10.6
Washington	50.7	795.6	15.7	16.5	20.3	14.7
West Virginia	14.9	320.0	21.5	17.8	17.0	11.4
Wisconsin	36.2	1 538.3	42.5	14.3	11.4	9.4
Wyoming	11.9	224.6	18.9	15.1	13.0	10.4

Note: The U.S. data may vary from the sum of the State reports because of rounding.

Table 35. Off-the-Road Operation: 1987

[Trucks included are those used mostly off-the-road, usually associated with construction and farming operations. Data relate to State of registration. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text]

State	Total trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Relative standard error of estimate (percent) for column—		
	A	B	C	A	B	C
United States	**1 933.7**	**13 466.8**	**7.0**	**3.1**	**5.5**	**4.2**
Alabama	61.9	281.3	4.5	13.7	23.6	19.0
Alaska	5.2	23.1	4.4	21.0	26.6	14.6
Arizona	29.1	183.8	6.3	17.7	22.5	14.4
Arkansas	31.6	294.8	9.3	15.4	19.2	11.4
California	123.7	1 547.3	12.5	22.2	33.6	24.1
Colorado	50.0	319.0	6.4	14.8	29.2	23.6
Connecticut	20.4	148.3	7.3	16.3	24.8	18.0
Delaware	4.1	25.2	6.1	18.8	29.5	22.5
District of Columbia	.8	4.4	5.3	20.9	26.7	17.4
Florida	52.1	574.0	11.0	21.9	26.5	14.5
Georgia	49.8	345.3	6.9	16.6	31.3	25.4
Hawaii	9.1	91.7	10.0	15.3	31.6	27.8
Idaho	22.2	142.0	6.4	12.3	18.4	12.8
Illinois	63.8	386.5	6.1	17.1	23.8	15.7
Indiana	44.4	198.0	4.5	16.0	24.5	17.6
Iowa	22.8	128.5	5.6	15.5	25.1	15.9
Kansas	50.5	233.3	4.6	11.6	19.6	13.8
Kentucky	45.8	286.1	6.2	13.5	22.8	17.7
Louisiana	49.2	372.2	7.6	15.2	19.8	12.3
Maine	14.2	74.4	5.2	13.6	22.3	17.5
Maryland	17.1	131.7	7.7	20.0	27.8	16.8
Massachusetts	17.8	163.2	9.2	19.9	27.7	18.4
Michigan	57.5	392.1	6.8	17.7	25.9	18.6
Minnesota	32.4	208.5	6.4	15.8	30.6	23.9
Mississippi	32.3	178.9	5.5	14.5	17.8	11.0
Missouri	41.4	376.2	9.1	16.5	30.8	24.8
Montana	27.7	195.3	7.0	11.0	22.4	19.1
Nebraska	25.0	111.4	4.5	13.2	22.2	16.5
Nevada	10.7	67.4	6.3	17.2	22.7	15.2
New Hampshire	10.2	87.8	8.6	16.4	27.9	20.8
New Jersey	44.5	423.4	9.5	14.9	19.2	11.5
New Mexico	38.8	317.4	8.2	12.4	18.7	14.0
New York	60.4	289.0	4.8	17.3	29.4	22.5
North Carolina	52.5	260.5	5.0	16.5	26.9	20.1
North Dakota	31.4	129.9	4.1	8.0	16.1	12.6
Ohio	36.8	355.1	9.7	23.1	37.5	28.2
Oklahoma	64.2	454.5	7.1	12.3	19.1	14.4
Oregon	32.9	156.1	4.8	17.2	22.4	16.1
Pennsylvania	68.4	418.2	6.1	16.1	23.0	15.6
Rhode Island	5.8	51.6	8.8	15.6	19.9	11.2
South Carolina	29.3	231.7	7.9	15.0	27.4	21.6
South Dakota	23.1	120.4	5.2	10.2	21.5	17.9
Tennessee	49.5	320.9	6.5	15.4	26.8	21.1
Texas	177.3	1 233.9	7.0	17.7	23.1	15.9
Utah	15.2	105.0	6.9	16.4	22.1	14.6
Vermont	5.5	21.0	3.8	15.7	22.3	15.7
Virginia	49.2	286.3	5.8	16.4	21.7	14.6
Washington	39.3	180.8	4.6	18.0	28.4	21.9
West Virginia	26.7	136.9	5.1	13.0	20.3	15.2
Wisconsin	34.3	223.8	6.5	15.0	28.0	21.9
Wyoming	25.8	178.7	6.9	9.7	14.8	10.8

Note: The U.S. data may vary from the sum of the State reports because of rounding.

APPENDIX A.
Survey Forms

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

FORM
TC-9501

1987 CENSUS OF TRANSPORTATION
TRUCK INVENTORY AND USE SURVEY

OMB APPROVAL NO. 0607-0582: EXPIRES 12/89

NOTICE — Response to this inquiry **is required by law (title 13, U.S. Code)**. By the same law, your report to the Census Bureau is **confidential**. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are **immune from legal process.**

In correspondence pertaining to this report, please refer to this Census File Number (CFN)

Please complete this form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

DUE DATE: 15 days after receipt of form

Important — Please read

All questions on this form refer to the vehicle described below and its use **during 1987**. If you did not own the vehicle during 1987, please continue with the questionnaire answering each item according to how you used the vehicle during the last 12 months you owned (or leased) it. If there are errors in the vehicle registration information, consult the instruction sheet before continuing with the questionnaire.

ESTIMATES ARE ACCEPTABLE.

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

CENSUS USE	1	2	3	4	5	6	7

REGISTRATION INFORMATION

Make of vehicle	Year of model	State	License number	Vehicle identification number (VIN)
101	102	103	104	105

Item 1 — When did you obtain this vehicle? *Enter figures only*
110 Month ____ Year ____

Item 2 — How did you obtain this vehicle?
111
1 ☐ Purchased it **new** ..... } *SKIP to item 3*
2 ☐ Purchased it **used** (or otherwise acquired) ..... }
3 ☐ **Leased** or **rented** it FROM someone else — *Continue with items 2a and b*

a. How was this vehicle leased or rented?
112
1 ☐ **Without** a driver
2 ☐ **With** a driver other than an owner-operator
3 ☐ With an **owner-operator** as driver

b. Was the agreement for 12 months or more?
113
2 ☐ NO
1 ☐ YES — **Which of the following did the leasing agreement include?** *Mark (X) all that apply*
114 ☐ Financing only *(Do not mark if installment sales contract)*
115 ☐ Full maintenance
116 ☐ Maintenance on specified parts only
117 ☐ Payment on taxes
118 ☐ Obtaining licenses and permits
119 ☐ Recordkeeping for leased trucks
120 ☐ Other — *Specify* ____

Item 3 — Is this vehicle still in your possession?
206
1 ☐ YES — **Are you the —** 207 1 ☐ **owner?** } *SKIP to item 4 and continue with questionnaire*
2 ☐ **lessee?** }
2 ☐ NO — *Please continue with this questionnaire, answering each item according to how you used the vehicle during the last 12 months you owned (or leased) it. Continue with items 3a and b.*

a. When did you dispose of this vehicle? *Enter figures only*
208 Month ____ Year ____

b. How did you dispose of this vehicle?
209
1 ☐ Sold it (or gave it away)
2 ☐ Junked, scrapped, or otherwise destroyed
3 ☐ Returned to leasing company

Item 9 — Continued

c. What was the loaded weight of the trailer most often attached to the vehicle?
An estimate is acceptable.
333 ____ Pounds

d. What was the width of the trailer most often attached to the vehicle?
335 ____ Inches

Item 10 — How many miles was this vehicle driven during 1987?
An estimate is acceptable.
400 ____ Miles

Item 11 — How many miles has this vehicle been driven since it was manufactured?
401 ____ Miles

NOTE — *If it is no longer in your possession, please estimate the total lifetime mileage at the time you last operated it.*
If the odometer/speedometer is broken, please give your best estimate.
If the odometer has turned over (100,000+ miles), please enter the total figure.

Item 12 — How many miles-per-gallon (MPG) did this vehicle average during 1987? *(Use tenths, if available.)*
402 ____ Miles ____ Tenths

Example: 10.5 MPG should be entered as ..... Miles **10** Tenths **5** *Enter miles per gallon* →

Item 13 — Where was the home base of this vehicle on July 1, 1987?
If put into service after July 1, 1987, enter current home base.
404 City ____
405 County ____ 406 State ____ 407 ZIP Code ____

Item 14 — What percent of annual mileage was driven OUTSIDE the home base state?
An estimate is acceptable. *(If none, enter zero.)*
408 ____ %

Item 15 — What PERCENTAGE of this vehicle's ANNUAL MILEAGE was accounted for by the type of trips listed below? *(If all trips were within one range, enter 100%. If more than one range is applicable, be sure that percentages add up to 100%.)*

Trips **off-the-road**, little travel on public roads ..... 409 ____ %
Trips **less than a 50** mile radius of vehicle's home base ..... 410 ____ %
Trips **within a 50—200** mile radius of vehicle's home base ..... 411 ____ %
Trips **beyond a 200** mile radius of vehicle's home base ..... 412 ____ %
TOTAL — *Should equal 100%* → **100%**

Item 4 — Did you lease or rent out this vehicle TO anyone else?

210 1 ☐ YES — *Continue with items 4a and b*
2 ☐ NO — *SKIP to item 5*

a. How was it leased or rented out?

211 1 ☐ **Without** a driver
2 ☐ **With** a driver other than an owner-operator
3 ☐ With an **owner-operator as driver**

b. Was the agreement for 12 months or more?

213 2 ☐ NO
1 ☐ YES — **Which of the following did the leasing agreement include?** *Mark (X) all that apply*

214 ☐ Financing only *(Do not mark if installment sales contract)*
215 ☐ Full maintenance
216 ☐ Maintenance on specified parts only
217 ☐ Payment of taxes
218 ☐ Obtaining licenses and permits
219 ☐ Recordkeeping for leased trucks
220 ☐ Other — *Specify*

Item 5 — What is the body type of this vehicle?

311 01 ☐ Pickup
26 ☐ Mini-van
02 ☐ Van other than mini-van
24 ☐ Utility (For example: Bronco, Blazer, Jeep, CJ-5, 7, etc.)
25 ☐ Station wagon built on truck chassis (For example: Suburban, Wagoneer, etc.)
80 ☐ Other — *If the above descriptions do not match the body type of this vehicle, please describe the body type in detail.*

Item 6 — How many axles are on this vehicle and how many of them are driving axles? *(Do not include axles on any trailers pulled.)*

a. Total number of axles on truck (include front and rear axles)

316 1 ☐ Two axles (4 tires) 3 ☐ Three axles
2 ☐ Two axles (6 tires) 4 ☐ Four or more axles

b. Number of driving (powered) axles on truck

318 1 ☐ One driving axle
2 ☐ Two driving axles
3 ☐ Three or more driving axles

Item 7 — What is the overall length of this vehicle or vehicle and trailer (if a trailer was pulled more than 50 percent of the annual miles)? *Report distance from front bumper to rear of vehicle or trailer, whichever is applicable.* 325 Feet

Item 8a — What was the average weight (empty weight plus weight of cargo) of this vehicle as it was usually operated? An estimate is acceptable. 327 Pounds

b. What percent of annual mileage did this vehicle carry no payload? 328 %

c. What percent of annual mileage did this vehicle carry payloads that —

(1) filled its maximum cargo size? 329 %

(2) weighed the maximum cargo weight? 330 %

Item 9 — During 1987, did you attach any trailers to this vehicle?

301 1 ☐ YES — *Continue with items 9a, b, c, and d below*
2 ☐ NO — *SKIP to item 10*

a. What percent of annual mileage did this vehicle pull a trailer? *If less than 50 percent, skip to item 10.* 302 %

b. How many axles were on the trailer unit which you attached most frequently to the vehicle? 303

Item 16 — Not applicable to this form.

Item 17 — What is the horsepower rating of this vehicle's engine? 341 Horsepower

Item 18 — What is the size (displacement) of this vehicle's engine? *Enter cubic inches, cubic centimeters, or liters, whichever is applicable.*

342 Cubic inches (CI) **OR** 343 Cubic centimeters (CC) **OR** 344 Liters (L)

Item 19 — What kind of fuel does this vehicle use?

345 1 ☐ Gasoline
2 ☐ Diesel
3 ☐ Liquefied petroleum gas (LPG)
4 ☐ Other — *Specify fuel*

Item 20 — Does this vehicle have any of the following? *Mark (X) all that apply.*

354 ☐ Radial tires 359 ☐ Air conditioning
358 ☐ Power steering 365 ☐ Front-wheel drive

Item 21 — Who performed the general maintenance and major overhauls on this vehicle? *Mark (X) all that apply.*

	General maintenance	Major overhauls
Yourself	370 ☐	378 ☐
Your company's own maintenance facilities	371 ☐	379 ☐
Dealership's service department	372 ☐	380 ☐
Leasing company	373 ☐	381 ☐
Independent garage or private mechanic (includes gasoline or service stations)	374 ☐	382 ☐
Component distributorship (engine, transmission, etc.)	375 ☐	383 ☐
No one	376 ☐	384 ☐
Other — *Specify*	377 ☐	385 ☐

Item 22a — Which of the following best describes the primary way this vehicle was operated?

501 1 ☐ BUSINESS USE — Operated by and for a private business (including self-employers) or a company; used in related activities of that business (including transportation of employees) — *SKIP to item 23*
2 ☐ PERSONAL TRANSPORTATION — Operated as a personal-use vehicle in place of an automobile for pleasure driving, travel to work, etc. (NO BUSINESS USE) — *SKIP to item 26*
3 ☐ FOR HIRE — *SKIP to item 22b*
4 ☐ DAILY RENTAL (Not motor carrier) — *SKIP to item 23*
5 ☐ MIXED

Percent business use 502 %
Percent personal use 503 %
Percent for hire (includes intercorporate hauling and trip leasing, etc.) 504 %

Complete b below

b. *If this vehicle was* **for hire,** *indicate below the type of for hire operation. Enter percentage of mileage for each category. (See instruction sheet for further information and definitions.)*

(1) Operation type

MOTOR CARRIER 506 %
OWNER OPERATOR
as an independent 507 %
leased to a company 508 %

(2) Jurisdiction served

INTERSTATE 509 %
INTRASTATE 510 %
LOCAL 511 %

(3) Kind of carrier

CONTRACT 512 %
COMMON 513 %
EXEMPT 514 %

(4) Was this vehicle operated under ICC authority? 518 1 ☐ YES 2 ☐ NO

Continue on reverse →

Item 23 — Which of the following best describes your business (or the part of your business in which the vehicle was used)? *If vehicle was leased, indicate business of lessee.*

525
- 01 ☐ AGRICULTURAL ACTIVITIES (including fisheries)
- 02 ☐ FORESTRY OR LUMBERING ACTIVITIES
- 03 ☐ CONSTRUCTION WORK — buildings, homes, roads, structures, etc.
- 04 ☐ CONTRACTOR ACTIVITIES OR SPECIAL TRADES — painting, plumbing, electrical work, masonry, carpentry, etc.
- 05 ☐ MANUFACTURING, REFINING, OR PROCESSING ACTIVITIES
- 06 ☐ WHOLESALE TRADE
- 07 ☐ RETAIL TRADE
- 08 ☐ BUSINESS AND PERSONAL SERVICES — used to assist in such services as lodging operations, landscaping, repair (except plumbing, electrical work, etc. — *See "Contractor Activities"*), laundry, advertising, entertainment, etc.
- 09 ☐ UTILITIES — Used to assist in operation or service of public utilities (telephone, gas, electric, etc.)
- 10 ☐ MINING OR QUARRY ACTIVITIES (includes well drilling) — used to assist in the extraction of natural resources or in hauling to processors
- 11 ☐ DAILY RENTAL — rented out, without a driver, to someone else on a daily or short-term basis
- 16 ☐ ONE-WAY RENTAL
- 12 ☐ GOVERNMENTAL OPERATIONS
- 13 ☐ NOT IN USE — vehicle idle, wrecked, awaiting repair, etc., for more than 90 days
- 14 ☐ FOR HIRE TRANSPORTATION — including small package delivery
- 15 ☐ OTHER — *Please describe in detail.*

Item 24 — From the following list of products, materials, and equipment, indicate which item or items this vehicle carried. Write in the approximate percentage of the vehicle's annual mileage that **was accounted for while carrying loads.** *(See instruction sheet for further explanation and examples.)*

Products, equipment, materials, etc.

(1) AGRICULTURAL AND FOOD PRODUCTS		
(a) Live animals — cattle, horses, poultry, hogs, live seafood, insects, etc.	526	%
(b) Fresh farm products — grain, crops, flowers, nursery stock, raw milk, raw tobacco, etc.	527	%
(c) Processed foods and tobacco products — canned goods, prepared meats, frozen foods, beverages, bottled water, dairy products, cigarettes, etc.	528	%
(2) MINING PRODUCTS, UNREFINED — crude oil, coal, metal ores	529	%
(3) BUILDING MATERIALS — gravel, sand, concrete, flat glass, etc. (except cut lumber — *See "Lumber."*)	530	%
(4) FORESTRY, WOOD, AND PAPER PRODUCTS	531	
(a) Logs and forest products — except cut lumber and fabricated wood products *(See below.)*		%
(b) Lumber and fabricated wood products — except furniture *(See (7) below.)*	532	%
(c) Paper and paper products	533	%
(5) CHEMICALS, PETROLEUM, AND ALLIED PRODUCTS		
(a) Chemicals and/or drugs (including fertilizers, pesticides, cosmetics, paints, etc.)	534	%
(b) Petroleum and petroleum products (including paving and roofing materials)	535	%
(c) Plastics and/or rubber products	536	%
(6) METALS AND METAL PRODUCTS	537	
(a) Primary metal products — pipes, ingots, billets, sheets, etc.		%
(b) Fabricated metal products — except machinery or transportation equipment *(See below.)*	538	%
(c) Machinery — electrical or nonelectrical and electronic	539	%
(d) Transportation equipment (including complete vehicles) and parts	540	%
(7) OTHER MANUFACTURED PRODUCTS	541	
(a) Furniture (wood and nonwood) and/or hardware — not involved in household moving		%
(b) Glass products	542	%
(c) Textiles and apparels — fibers, leather goods, carpets, clothing, etc.	543	%
(d) Miscellaneous products of manufacturing — including photographic goods, watches, clocks, jewelry, and toys	544	%
(8) MISCELLANEOUS	545	
(a) Moving of household and office furniture — from home, offices, etc., under contract		%
(b) Miscellaneous tools and/or parts for specialized use, as in a craftsman's vehicle — traveling workshop for plumbers, carpenters, road service crews, etc.	546	%
(c) Mixed cargo, general freight (including the delivery of small packages)	547	%
(d) Scrap, garbage, trash, septic tank waste	548	%
(e) Industrial water	549	%
(f) Hazardous waste	550	%
(9) OTHER (not elsewhere classified) — *Please describe in detail.*	551	%

Item 25 — At any time during 1987 was this vehicle (or combination) used to haul hazardous materials in quantities large enough to require a special placard placed on the vehicle due to the Code of Federal Regulations, title 49, Transportation?

552
- 1 ☐ YES — *Continue with items 25a and b*
- 2 ☐ NO — *SKIP to item 26*

a. What type(s) of hazardous materials were carried by this vehicle? *Mark (X) all that apply.*

Hazardous Materials

- 553 ☐ Flammable liquids
- 554 ☐ Combustible liquids
- 555 ☐ Corrosive liquids
- 556 ☐ Poison B solids
- 557 ☐ Poison B liquids
- 558 ☐ Flammable solids
- 559 ☐ Oxidizers
- 560 ☐ Flammable gas
- 561 ☐ Nonflammable gas
- 562 ☐ Poison A
- 563 ☐ Corrosive solids
- 564 ☐ Explosives, A or B
- 565 ☐ Blasting agents
- 566 ☐ Radioactive materials
- 567 ☐ ORM — A, B, or C
- 568 ☐ ORM E
- 569 ☐ Hazardous materials not listed above — *Specify*

b. Approximately what percent of this vehicle's annual mileage was accounted for by carrying these hazardous materials?

570
- 1 ☐ Below 10%
- 2 ☐ 10–24%
- 3 ☐ 25–49%
- 4 ☐ 50–74%
- 5 ☐ 75–100%

Item 26a — Was this truck or power unit involved in any accidents during 1987?

580
- 1 ☐ YES — *Continue with item 26b*
- 2 ☐ NO — *SKIP to item 27*

b. If this truck or power unit was involved in any accidents during 1987, how many —

(1) involved a fatality?	581
(2) involved no fatalities, but involved bodily injury requiring medical treatment?	582
(3) involved property damage of $4,200 or more?	583

Item 27 — *Please enter below the number of any ADDITIONAL trucks and/or trailers you own and/or operate at the same home base you listed in item 13.*

a. Pickups, small vans (includes mini-vans)	571
b. Straight trucks	572
c. Truck-tractors (power units)	573
d. Trailers (semi- and/or full)	574
e. Converter dollies	575

Item 28 — *Please enter below Employer Identification (EI) Number if vehicle owned by company or Social Security Number (SSN) if vehicle owned by individual.*

EI ☐☐—☐☐☐☐☐☐☐

or

SSN ☐☐☐—☐☐—☐☐☐☐

Item 29 – REMARKS – *Please use this space for any explanations that may be essential in understanding your reported data.*

Item 30 – Person to contact regarding this report
Does this person have records on (or knowledge of) the daily activities of driver (stops, weight of individual shipments, destinations of shipments, etc.)?

1 ☐ YES
2 ☐ NO

Name				Address *(Number and street)*	
City				State	ZIP Code
Daytime telephone number →	Area code	Number	Extension, if any	If this vehicle has a fleet number, please enter it here →	576

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

FORM
TC-9502

1987 CENSUS OF TRANSPORTATION
TRUCK INVENTORY AND USE SURVEY

OMB APPROVAL NO. 0607-0582: EXPIRES 12/89

NOTICE — Response to this inquiry **is required by law (title 13, U.S. Code)**. By the same law, your report to the Census Bureau is **confidential**. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are **immune from legal process.**

In correspondence pertaining to this report, please refer to this Census File Number (CFN)

Please complete this form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

DUE DATE: 15 days after receipt of form

Important — Please read

All questions on this form refer to the vehicle described below and its use **during 1987**. If you did not own the vehicle during 1987, please continue with the questionnaire answering each item according to how you used the vehicle during the last 12 months you owned (or leased) it. If there are errors in the vehicle registration information, consult the instruction sheet before continuing with the questionnaire.

ESTIMATES ARE ACCEPTABLE.

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

CENSUS USE	1	2	3	4	5	6	7

REGISTRATION INFORMATION

Make of vehicle	Year of model	State	License number	Vehicle identification number (VIN)
101	102	103	104	105

Item 1 — When did you obtain this vehicle? *Enter figures only*
110 Month | Year

Item 2 — How did you obtain this vehicle?

111
1 ☐ Purchased it **new** .....
2 ☐ Purchased it **used** (or otherwise acquired) .....
} *SKIP to item 3*
3 ☐ **Leased** or **rented** it FROM someone else — *Continue with items 2a and b*

a. How was this vehicle leased or rented?

112
1 ☐ **Without** a driver
2 ☐ **With** a driver other than an owner-operator
3 ☐ With an **owner-operator** as driver

b. Was the agreement for 12 months or more?

113
2 ☐ NO
1 ☐ YES — **Which of the following did the leasing agreement include?** *Mark (X) all that apply*
114 ☐ Financing only *(Do not mark if installment sales contract)*
115 ☐ Full maintenance
116 ☐ Maintenance on specified parts only
117 ☐ Payment on taxes
118 ☐ Obtaining licenses and permits
119 ☐ Recordkeeping for leased trucks
120 ☐ Other — *Specify*

Item 3 — Is this vehicle still in your possession?

206
1 ☐ YES — **Are you the —** 207 1 ☐ **owner?** 2 ☐ **lessee?** } *SKIP to item 4 and continue with questionnaire*
2 ☐ NO — *Please continue with this questionnaire, answering each item according to how you used the vehicle during the last 12 months you owned (or leased) it. Continue with items 3a and b.*

a. When did you dispose of this vehicle? *Enter figures only*
208 Month | Year

b. How did you dispose of this vehicle?

209
1 ☐ Sold it (or gave it away)
2 ☐ Junked, scrapped, or otherwise destroyed
3 ☐ Returned to leasing company

Item 8 — *Please indicate the body type which most closely resembles this vehicle or the trailer most often attached to it, if the power-unit is a truck-tractor.*

311

PLATFORM TYPES
05 ☐ Low boy (gooseneck) — platform with depressed center
06 ☐ Basic platform — including flatbed, stake, etc.
04 ☐ Platform with devices permanently mounted on bed of truck — such as high lift, lift gate, hoist, etc.

VAN TYPES
03 ☐ Multistop or step van (including hi-cube or cutaway)
12 ☐ Basic enclosed van (dry cargo)
10 ☐ Drop frame van — including furniture van, etc.
08 ☐ Insulated, non-refrigerated van
09 ☐ Insulated, refrigerated van
11 ☐ Open top van, including fruit

SPECIALIZED USE TRUCKS
18 ☐ Automobile transport
13 ☐ Beverage truck
70 ☐ Concrete mixer
40 ☐ Dump truck (including belly or bottom dump)
29 ☐ Grain bodies (including low-side grain and hoppers, etc.)
30 ☐ Garbage truck
07 ☐ Livestock truck (including livestock drop frame)
27 ☐ Oilfield truck — service equipment permanently mounted on vehicle
17 ☐ Pole, logging, pulpwood, or pipe truck
22 ☐ Service truck or "craftsman's vehicle" — body equipped for mobile repair and service
60 ☐ Tank truck for dry bulk
50 ☐ Tank truck for liquids or gases
14 ☐ Utility truck — used in public utility operations (telephone line truck, etc.), body equipped for major repair (may have aerial lift, derrick, etc.)
15 ☐ Winch or crane truck — lifting equipment (including roll on, roll off) permanently mounted on vehicle
16 ☐ Wrecker — for motor vehicle towing or lifting
23 ☐ Yard tractor — cab and chassis ONLY, used to spot trailers

***NOTE** — If none of the above descriptions match the body type of this vehicle, or the trailer usually attached to it, mark (X) the "Other" box below and specify type.*

80 ☐ Other — *Specify*

Item 4 — Did you lease or rent out this vehicle TO anyone else?

210 1 ☐ YES — *Continue with items 4a and b*
2 ☐ NO — *SKIP to item 5*

a. How was it leased or rented out?

211 1 ☐ **Without** a driver
2 ☐ **With** a driver other than an owner-operator
3 ☐ With an **owner-operator as driver**

b. Was the agreement for 12 months or more?

213 2 ☐ NO
1 ☐ YES — **Which of the following did the leasing agreement include?** *Mark (X) all that apply*

214 ☐ Financing only *(Do not mark if installment sales contract)*
215 ☐ Full maintenance
216 ☐ Maintenance on specified parts only
217 ☐ Payment of taxes
218 ☐ Obtaining licenses and permits
219 ☐ Recordkeeping for leased trucks
220 ☐ Other — *Specify*

Item 5 — How would you best describe this vehicle as it was most often operated? *(If the vehicle is a pickup, compact van, mini-van, or panel truck, enter body type on the "Other" line.)*

300 1 ☐ Straight truck
2 ☐ Straight truck pulling trailer(s)
3 ☐ Truck-tractor (power unit) pulling trailer(s)
4 ☐ Other — *Specify*

Item 6 — If you indicated in item 5 that you operated this vehicle with trailer(s) attached, indicate below the kind of trailer(s) you **most often pulled**. *Mark (X) one box only, also indicate if axles are liftable.*

a. Utility and other trailers less than 20 feet used with **straight truck**

304 1 ☐ One axle on trailer
2 ☐ Two axles on trailer
3 ☐ Three axles or more on trailer

b. One full trailer *used with **straight truck**

305 1 ☐ Two axles on trailer
2 ☐ Three axles on trailer
3 ☐ Four or more axles on trailer

How many, IF ANY, of the trailer's axles are liftable? → 306

c. One semi-trailer, used with **truck-tractor** (power unit)

307 1 ☐ One axle on trailer
2 ☐ Two axles on trailer
3 ☐ Three or more axles on trailer

How many, IF ANY, of the trailer's axles are liftable? → 306

d. Two trailers, one semi- and one full *used with **truck-tractor** (power unit)

308 1 ☐ Three axles on two trailers
2 ☐ Four axles on two trailers
3 ☐ Five axles on two trailers
4 ☐ Six or more axles on two trailers

How many, IF ANY, of the trailer's axles are liftable? → 306

e. Three trailers, one semi- and two full *used with **truck-tractor** (power unit)

309 1 ☐ Five axles on three trailers
2 ☐ Six axles on three trailers
3 ☐ Seven axles on three trailers
4 ☐ Eight or more axles on three trailers

How many, IF ANY, of the trailer's axles are liftable? → 306

f. Other — *Please describe in detail the number of trailers and axles on those trailers. Also give number of any liftable axles on trailer(s).*

310

Item 7 — If you indicated in item 5 that you operated a truck-tractor (power unit) pulling trailer(s), what percent of annual mileage did you haul —

a. Railroad, ocean-going, or similar containers? ..... 312 %
b. Piggyback trailers? ..... 313 %

* or Semi-trailer with converter dolly

Item 9 — How many axles are on this vehicle and how many of them are driving axles? *(Do not include axles on any trailers pulled.)*

a. Total number of axles on **truck** or **truck-tractor** (power unit) *(Include front and rear axles.)*

316 1 ☐ Two axles (4 tires)
2 ☐ Two axles (6 tires)
3 ☐ Three axles
4 ☐ Four or more axles

How many, IF ANY, are liftable axles? → 317

b. Number of driving (powered) axles on **truck** or **truck-tractor** (power unit)

318 1 ☐ One driving axle
2 ☐ Two driving axles
3 ☐ Three or more driving axles

Item 10 — What type of cab does this vehicle have?

319 1 ☐ Cab forward of engine
2 ☐ Cab over engine
3 ☐ Conventional cab
4 ☐ Cab beside engine
5 ☐ Other

Item 11a — What is the OVERALL length of this vehicle or combination as it was most often operated? *Report distance from front bumper to rear of truck or rear of the last trailer attached.* 325 Feet

b. If this is a combination vehicle, what was the width of the trailer most often attached to the truck or power unit? *(If more than one trailer was pulled, give the width of the widest trailer pulled.)* 335 Inches

Item 12 — What is the EMPTY weight (truck minus cargo) of this vehicle or vehicle/trailer combination? 326 Pounds
An estimate is acceptable.

Item 13 — What was the AVERAGE weight (empty weight plus weight of cargo) of the vehicle or vehicle/trailer combination when carrying a typical payload during the past year? 327 Pounds
An estimate is acceptable.

Item 14a — What was the MAXIMUM GROSS weight (MGW) at which this vehicle or vehicle/trailer combination was operated? 334 Pounds
An estimate is acceptable.

b. What percent of annual mileage did this vehicle carry no payload? 328 %

c. What percent of annual mileage did this vehicle carry payloads that —
(1) filled its maximum cargo size? 329 %
(2) weighed the maximum cargo weight? 330 %

Item 15 — How many miles was this vehicle driven during 1987? 400 Miles
An estimate is acceptable.

Item 16 — How many miles has this vehicle been driven since it was manufactured? 401 Miles

NOTE — *If it is no longer in your possession, please estimate the total lifetime mileage at the time you last operated it.*
If the odometer/speedometer is broken, please give your best estimate.
If the odometer has turned over (100,000 + miles), please enter the total figure.

Item 17 — How many miles-per-gallon (MPG) did this vehicle average during 1987? *(Use tenths, if available.)* 402 Miles Tenths

Example: 10.5 MPG should be entered as ..... Miles **10** Tenths **5**

Enter miles per gallon →

Item 18 — Where was the home base of this vehicle on July 1, 1987? *If put into service after July 1, 1987, enter current home base.*

404 City

405 County | 406 State | 407 ZIP Code

Continue on reverse →

Item 19 — What percent of annual mileage was driven OUTSIDE the home base state? 408
An estimate is acceptable. *(If none, enter zero.)* %

Item 20 — What PERCENTAGE of this vehicle's ANNUAL MILEAGE was accounted for by the type of trips listed below? *(If all trips were within one range, enter 100%. If more than one range is applicable, be sure that percentages add up to 100%.)*

Trips **off-the-road**, little travel on public roads	409	%
Trips **less than a 50** mile radius of vehicle's home base	410	%
Trips **within a 50—200** mile radius of vehicle's home base	411	%
Trips **beyond a 200** mile radius of vehicle's home base	412	%
TOTAL — *Should equal 100%* →		**100%**

Item 21 — Not applicable to this form.

Item 22 — What is the horsepower rating of this vehicle's engine? 341 Horsepower

Item 23 — What is the size (displacement) of this vehicle's engine?
Enter cubic inches, cubic centimeters, or liters, whichever is applicable.

342 Cubic inches (CI) | OR | 343 Cubic centimeters (CC) | OR | 344 Liters (L)

Item 24 — What kind of fuel does this vehicle use?

345
1 ☐ Gasoline
2 ☐ Diesel
3 ☐ Liquefied petroleum gas (LPG)
4 ☐ Other — *Specify fuel* _____

Item 25 — What type of brakes does the power unit (truck or truck-tractor) have?

347
1 ☐ Hydraulic (standard)
2 ☐ Hydraulic with power assist
3 ☐ Air

Item 26 — Does this vehicle have any of the following equipment?
Mark (X) all that apply.

350 ☐ Aerodynamic features
351 ☐ Axle or drive ratio to maximize fuel efficiency
352 ☐ Fuel economy engine with low RPM, high torque rise, turbo-charge, etc.
353 ☐ Reflective materials (in addition to those required by law)
354 ☐ Radial tires
355 ☐ Road speed governor
356 ☐ Variable fan drives
357 ☐ Other fuel conservation features
358 ☐ Power steering
359 ☐ Air conditioning in cab
360 ☐ Engine retarder
361 ☐ Electronic vehicle management system
362 ☐ Electronic vehicle identification device (transponder), etc.
363 ☐ Trip recorders
364 ☐ Navigational systems

Item 27 — Who performed the general maintenance and major overhauls on this vehicle? *Mark (X) all that apply*

	General maintenance	Major overhauls
Yourself	370 ☐	378 ☐
Your company's own maintenance facilities	371 ☐	379 ☐
Dealership's service department	372 ☐	380 ☐
Leasing company	373 ☐	381 ☐
Independent garage or private mechanic (includes gasoline or service stations)	374 ☐	382 ☐
Component distributorship (engine, transmission, etc.)	375 ☐	383 ☐
No one	376 ☐	384 ☐
Other — *Specify* _____	377 ☐	385 ☐

Item 30 — From the following list of products, materials, and equipment, indicate which item or items this vehicle carried. Write in the approximate percentage of the vehicle's annual mileage that **was accounted for while carrying loads.** *(See instruction sheet for further explanation and examples.)*

Products, equipment, materials, etc.

(1) AGRICULTURAL AND FOOD PRODUCTS		
(a) Live animals — cattle, horses, poultry, hogs, live seafood, insects, etc.	526	%
(b) Fresh farm products — grain, crops, flowers, nursery stock, raw milk, raw tobacco, etc.	527	%
(c) Processed foods and tobacco products — canned goods, prepared meats, frozen foods, beverages, bottled water, dairy products, cigarettes, etc.	528	%
(2) MINING PRODUCTS, UNREFINED — crude oil, coal, metal ores	529	%
(3) BUILDING MATERIALS — gravel, sand, concrete, flat glass, etc. (except cut lumber — *See "Lumber."*)	530	%
(4) FORESTRY, WOOD, AND PAPER PRODUCTS	531	
(a) Logs and forest products — except cut lumber and fabricated wood products *(See below.)*		%
(b) Lumber and fabricated wood products — except furniture *(See (7) below.)*	532	%
(c) Paper and paper products	533	%
(5) CHEMICALS, PETROLEUM, AND ALLIED PRODUCTS		
(a) Chemicals and/or drugs (including fertilizers, pesticides, cosmetics, paints, etc.)	534	%
(b) Petroleum and petroleum products (including paving and roofing materials)	535	%
(c) Plastics and/or rubber products	536	%
(6) METALS AND METAL PRODUCTS	537	
(a) Primary metal products — pipes, ingots, billets, sheets, etc.		%
(b) Fabricated metal products — except machinery or transportation equipment *(See below.)*	538	%
(c) Machinery — electrical or nonelectrical and electronic	539	%
(d) Transportation equipment (including complete vehicles) and parts	540	%
(7) OTHER MANUFACTURED PRODUCTS	541	
(a) Furniture (wood and nonwood) and/or hardware — not involved in household moving		%
(b) Glass products	542	%
(c) Textiles and apparels — fibers, leather goods, carpets, clothing, etc.	543	%
(d) Miscellaneous products of manufacturing — including photographic goods, watches, clocks, jewelry, and toys	544	%
(8) MISCELLANEOUS	545	
(a) Moving of household and office furniture — from home, offices, etc., under contract		%
(b) Miscellaneous tools and/or parts for specialized use, as in a craftsman's vehicle — traveling workshop for plumbers, carpenters, road service crews, etc.	546	%
(c) Mixed cargo, general freight (including the delivery of small packages)	547	%
(d) Scrap, garbage, trash, septic tank waste	548	%
(e) Industrial water	549	%
(f) Hazardous waste	550	%
(9) OTHER (not elsewhere classified) — *Please describe in detail.*	551	
_____		%

Item 31 — At any time during 1987 was this vehicle (or combination) used to haul hazardous materials in quantities large enough to require a special placard placed on the vehicle due to the Code of Federal Regulations, title 49, Transportation?

552
1 ☐ YES — *Continue with items 31a and b*
2 ☐ NO — *SKIP to item 32*

a. What type(s) of hazardous materials were carried by this vehicle? *Mark (X) all that apply.*

Hazardous Materials

553 ☐ Flammable liquids
554 ☐ Combustible liquids
555 ☐ Corrosive liquids
556 ☐ Poison B solids
557 ☐ Poison B liquids
558 ☐ Flammable solids
559 ☐ Oxidizers
560 ☐ Flammable gas
561 ☐ Nonflammable gas
562 ☐ Poison A
563 ☐ Corrosive solids
564 ☐ Explosives, A or B
565 ☐ Blasting agents
566 ☐ Radioactive materials
567 ☐ ORM — A, B, or C
568 ☐ ORM E
569 ☐ Hazardous materials not listed above — *Specify* _____

b. Approximately what percent of this vehicle's annual mileage was accounted for by carrying these hazardous materials?

570
1 ☐ Below 10%
2 ☐ 10—24%
3 ☐ 25—49%
4 ☐ 50—74%
5 ☐ 75—100%

Item 28a — Which of the following best describes the primary way this vehicle was operated?

501
1 ☐ BUSINESS USE — Operated by and for a private business (including self-employers) or a company; used in related activities of that business (including transportation of employees) — *SKIP to item 29*
2 ☐ PERSONAL TRANSPORTATION — Operated as a personal-use vehicle in place of an automobile for pleasure driving, travel to work, etc. (NO BUSINESS USE) — *SKIP to item 32*
3 ☐ FOR HIRE — *SKIP to item 28b*
4 ☐ DAILY RENTAL OR SHORT TERM LEASE — Rented or leased out to various operators and for various activities, under daily or short term rental or lease agreements (Not motor carrier) — *SKIP to item 29*
5 ☐ MIXED

Percent business use	502	%
Percent personal use	503	%
Percent for hire (includes intercorporate hauling and trip leasing, etc.)	504	%

Complete b below

b. *If this vehicle was* ***for hire****, indicate below the type of for hire operation. Enter percentage of mileage for each category.*

(1) Operation type

MOTOR CARRIER — Operated by a company whose primary business is to provide transportation services, carrying freight belonging to others	506	%
OWNER/OPERATOR — Operated by an independent trucker who drives vehicle for himself or on lease to a company —		
as an independent	507	%
leased to a company	508	%

(2) Jurisdiction served

INTERSTATE	509	%
INTRASTATE	510	%
LOCAL — In a single municipality, contiguous municipalities or a municipality and its suburban area; in commercial zones	511	%

(3) Kind of carrier

CONTRACT — Offered transportation service to certain shippers under contracts	512	%
COMMON — Offered transportation service to the general public over regular or irregular routes	513	%
EXEMPT — transported commodities or provided types of services that were exempt from Federal regulation; operated within exempt commercial zones	514	%

(4) Was this vehicle operated under ICC authority? 518 1 ☐ YES 2 ☐ NO

Item 29 — Which of the following best describes your business or the part of your business in which the vehicle was used? *If the vehicle was leased, indicate business of lessee.*

525
01 ☐ AGRICULTURAL ACTIVITIES (including fisheries)
02 ☐ FORESTRY OR LUMBERING ACTIVITIES
03 ☐ CONSTRUCTION WORK — buildings, homes, roads, structures, etc.
04 ☐ CONTRACTOR ACTIVITIES OR SPECIAL TRADES — painting, plumbing, electrical work, masonry, carpentry, etc.
05 ☐ MANUFACTURING, REFINING, OR PROCESSING ACTIVITIES
06 ☐ WHOLESALE TRADE
07 ☐ RETAIL TRADE
08 ☐ BUSINESS AND PERSONAL SERVICES — used to assist in such services as lodging operations, landscaping, repair (except plumbing, electrical work, etc. — *See "Contractor Activities"*), laundry, advertising, entertainment, etc.
09 ☐ UTILITIES — Used to assist in operation or service of public utilities (telephone, gas, electric, etc.)
10 ☐ MINING OR QUARRY ACTIVITIES (includes well drilling) — used to assist in the extraction of natural resources or in hauling to processors
11 ☐ DAILY RENTAL — rented out, without a driver, to someone else on a daily or short-term basis
16 ☐ ONE-WAY RENTAL
12 ☐ GOVERNMENTAL OPERATIONS
13 ☐ NOT IN USE — vehicle idle, wrecked, awaiting repair, etc., for more than 90 days
14 ☐ FOR HIRE TRANSPORTATION — including small package delivery
15 ☐ OTHER — *Please describe in detail.*

Item 32a — Was this truck or power unit involved in any accidents during 1987?

580
1 ☐ YES — *Continue with item 32b*
2 ☐ NO — *SKIP to item 33*

b. If this truck or power unit was involved in any accidents during 1987, how many —

(1) involved a fatality?	581
(2) involved no fatalities, but involved bodily injury requiring medical treatment?	582
(3) involved property damage of $4,200 or more?	583

Item 33 — *Please enter below the number of any ADDITIONAL trucks and/or trailers you own and/or operate at the same home base you listed in item 18.*

a. Pickups, small vans (includes mini-vans)	571
b. Straight trucks	572
c. Truck-tractors (power units)	573
d. Trailers (semi- and/or full)	574
e. Converter dollies	575

Item 34 — *Please enter below Employer Identification (EI) Number if vehicle owned by company or Social Security Number (SSN) if vehicle owned by individual.*

EI ☐☐—☐☐☐☐☐☐☐
or
SSN ☐☐☐—☐☐—☐☐☐☐

Item 35 — REMARKS — *Please use this space for any explanations that may be essential in understanding your reported data.*

Item 36 — Person to contact regarding this report

Does this person have records on (or knowledge of) the daily activities of driver (stops, weight of individual shipments, destinations of shipments, etc.)?

1 ☐ YES
2 ☐ NO

Name

Address *(Number and street)*

City	State	ZIP Code

Daytime telephone number →	Area code	Number	Extension, if any

If this vehicle has a fleet number, please enter it here 576

APPENDIX B.
Approximating Unpublished Relative Standard Errors

The relative standard errors (RSE's) are presented for only the row and column totals for U.S. tables 3 through 14.

The relative standard errors for an individual cell in U.S. tables can be approximated by using the appropriate two-step procedure below. Actual RSE's, estimated from the sample data, are available on request.

U.S. tables 3 through 9

First, calculate the standard deviation for the U.S. table cell:

$$SD(CLT) = \frac{RCT \times RSE(RCT)}{100}\sqrt{\frac{(CLT)\,(UST - CLT)}{(RCT)\,(UST - RCT)}}$$

where:

RCT = the number of trucks in the row (or column)
CLT = the number of trucks in the cell
UST = the number of trucks in the United States

Now, the RSE in percent can be calculated as follows:

$$RSE(CLT) = \frac{100 \times SD(CLT)}{CLT}$$

U.S. tables 10 through 14

For tables 10 through 14, replace "number of trucks" by "truck miles." Although either the row or column total can be used, it is usually best to use the smallest of the two for RCT.

Example—

Suppose, in U.S. table 3, there are an estimated 10.3 thousand trucks in the cell for agricultural multistops or walkins, for which an approximation of the RSE in percent is needed. To approximate the RSE in percent for the agricultural multistop or walk-in cell, the following information must be extracted from the table (1) 33,834.6 thousand trucks in the U.S., (2) 3,848.6 thousand trucks and an estimated RSE of 2.4 percent for the "Agriculture" column, and (3) 213.6 thousand trucks and an estimated RSE of 5.3 percent for the "Multistop or walk-in" row. Since the row total of 213.6 thousand is less than the column total of 3,848.6 thousand, use the row figures to approximate the RSE in percent:

$$SD(10.3) = \frac{213.6 \times 5.3}{100}\sqrt{\frac{10.3\,(33834.6 - 10.3)}{213.6(33834.6 - 213.6)}} = 2.5$$

$$RSE(10.3) = \frac{100 \times 2.5}{10.3} = 24.3 \text{ percent}$$

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 predominately of trucks, excluding pickups and vans ("large trucks"). Because of the sample design, one obtains a better approximation of the relative standard error of the estimate for a cell within a row (column) of "large trucks" by using the row (column) total even though the column (row) total might be smaller. When both totals consist of "large trucks," use the smaller of the row or column totals.

Columns of predominately "large trucks:"

Tables 4 and 11—Light-heavy and Heavy-heavy
Table 5—50,000 to 74,999 miles and 75,000 miles or more
Tables 7 and 13—All except Single-unit 2 axle trucks

Rows of predominately "large trucks:"

Body Type—All except Pickup, Panel truck or Van, and Multistop or Walk-in
Annual Miles—50,000 to 74,999 and 75,000 or more
Range of Operation—Long range (more than 200 miles)
Gross Weight—All from 19,501 pounds and over
Lease Characteristics—Leased with driver
Hazardous Materials Carried—All carrying hazardous materials
Miles per Gallon—Less than 5 and 5 to 6.9
Equipment Type, Braking System—Air
Truck Type and Axle Arrangement—All except Single-unit 2 axle trucks
Cab Type—All