West Region

1997

Issued April 2000

EC97TCF-REG(4)

1997 Economic Census

Transportation

1997 Commodity Flow Survey

U.S. Department of Transportation
BUREAU OF TRANSPORTATION STATISTICS

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

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Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

The economic census is the major source of facts about the structure and functioning of the Nation's economy. It provides essential information for government, business, industry, and the general public. Title 13 of the United States Code (Sections 131, 191, and 224) directs the Census Bureau to take the economic census every 5 years, covering years ending in 2 and 7.

The economic census furnishes an important part of the framework for such composite measures as the gross domestic product estimates, input/output measures, production and price indexes, and other statistical series that measure short-term changes in economic conditions. Specific uses of economic census data include the following:

- Policymaking agencies of the Federal Government use the data to monitor economic activity and assess the effectiveness of policies.
- 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, which allows them to 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.

BASIS OF REPORTING

The economic census is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each store, factory, shop, or other location. Each establishment is assigned a separate industry classification based on its primary activity and not that of its parent company.

AVAILABILITY OF ADDITIONAL DATA

Reports in Print and Electronic Media

All results of the 1997 Economic Census are available on the Census Bureau Internet site (www.census.gov) and on compact discs (CD-ROM) for sale by the Census Bureau. Unlike previous censuses, only selected highlights are published in printed reports. For more information, including a description of electronic and printed reports being issued, see the Internet site, or write to U.S. Census Bureau, Washington, DC 20233-8300, or call Customer Services at 301-457-4100.

HISTORICAL INFORMATION

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

The economic census traces its beginnings to the 1810 Decennial Census, when questions on manufacturing were included with those for population. Coverage of economic activities was expanded for the 1840 Decennial Census and subsequent censuses to include mining and some commercial activities. The 1905 Manufactures Census was the first time a census was taken apart from the regular decennial population census. Censuses covering retail and wholesale trade and construction industries were added in 1930, as were some covering service trades in 1933. Censuses of construction, manufacturing, and the other business service censuses were suspended during World War II.

The 1954 Economic Census was the first census to be fully integrated: providing comparable census data across economic sectors, using consistent time periods, concepts, definitions, classifications, and reporting units. It was the first census to be taken by mail, using lists of firms provided by the administrative records of other Federal agencies. Since 1963, administrative records also have been used to provide basic statistics for very small firms, reducing or eliminating the need to send them census questionnaires.

The range of industries covered in the economic censuses expanded between 1967 and 1992. The census of construction industries began on a regular basis in 1967, and the scope of service industries, introduced in 1933, was broadened in 1967, 1977, and 1987. While a few transportation industries were covered as early as 1963, it was not until 1992 that the census broadened to include all of transportation, communications, and utilities. Also new for 1992 was coverage of financial, insurance, and real estate industries. With these additions, the economic census and the separate census of governments and census of agriculture collectively covered roughly 98 percent of all economic activity.

Printed statistical reports from the 1992 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 reports printed since 1967 are still available for sale on microfiche from the Census Bureau. CD-ROMs issued from the 1987 and 1992 Economic Censuses contain databases including nearly all data published in print, plus additional statistics, such as ZIP Code statistics, published only on CD-ROM.

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 1997 Economic Census and Related Statistics* at www.census.gov/econguide. More information on the methodology, procedures, and history of the censuses will be published in the *History of the 1997 Economic Census* at www.census.gov/econ/www/history.html.

1997 Commodity Flow Survey

GENERAL

The 1997 Commodity Flow Survey (CFS) is undertaken through a partnership between the Bureau of the Census, U.S. Department of Commerce, and the Bureau of Transportation Statistics, U.S. Department of Transportation. This survey produces data on the movement of goods in the United States. It provides information on commodities shipped, their value, weight, and mode of transportation, as well as the origin and destination of shipments of manufacturing, mining, wholesale, and selected retail establishments. The CFS was last conducted in 1993. See the Comparability With the 1993 Commodity Flow Survey table (Appendix A) for a comparison between the 1997 and 1993 surveys. The data from the CFS are used by public policy analysts and for transportation planning and decision-making to assess the demand for transportation facilities and services, energy use, and safety risk and environmental concerns.

This report presents data for the four Census Regions and nine Census Divisions. Additional reports include data for the United States, states, and selected metropolitan areas, as well as selected data on exports and hazardous material shipments.

INDUSTRY COVERAGE

The 1997 CFS covers business establishments in mining, manufacturing, wholesale trade, and selected retail industries. The survey also covers selected auxiliary establishments (e.g., warehouses) of in-scope multiunit and retail companies. The survey coverage excludes establishments classified as farms, forestry, fisheries, governments, construction, transportation, foreign establishments, services, and most establishments in retail.

The industries covered, as defined in the 1987 Standard Industrial Classification Manual (SIC), are listed in the following table:

SIC code	Title
10, ex. 108	Metal mining (excluding metal mining services)
12, ex. 124	Coal mining (excluding coal mining services)
13	Oil and gas extraction[1]
14, ex. 148	Mining and quarrying of nonmetallic minerals, except fuels (excluding nonmetallic minerals services)
20	Food and kindred products
21	Tobacco products
22	Textile mill products
23	Apparel and other finished products made from fabrics and similar materials
24	Lumber and wood products, except furniture
25	Furniture and fixtures
26	Paper and allied products
27, ex. 279	Printing, publishing, and allied industries (excluding service industries for the printing trade)
28	Chemicals and allied products
29	Petroleum refining and related industries
30	Rubber and miscellaneous plastics products
31	Leather and leather products
32	Stone, clay, glass, and concrete products
33	Primary metal industries
34	Fabricated metal products, except machinery and transportation equipment
35	Industrial and commercial machinery and computer equipment
36	Electronic and other electrical equipment and components, except computer equipment
37	Transportation equipment
38	Measuring, analyzing, and controlling instruments; photographic, medical and optical goods; watches and clocks
39	Miscellaneous manufacturing industries
50	Wholesale trade—durable goods
51	Wholesale trade—nondurable goods
596	Catalog and mail-order houses

[1]We included establishments classified in SIC 13, Oil and Gas Extraction, in the initial coverage of the 1997 CFS. However, because of unresolved industry-wide reporting issues, we have removed shipments from these establishments from our 1997 CFS tabulations. The data collected from these establishments will be used as input to a special report at a later date.

Similarly, because establishments in SIC 13 are responsible for the overwhelming number of shipments classified in SCTG 16, Crude Petroleum, we have removed all shipments with SCTG 16 from the 1997 CFS publication results.

SHIPMENT COVERAGE

The CFS captures data on shipments originating from selected types of business establishments located in the 50 states and the District of Columbia. The data do not cover shipments originating from business establishments located in Puerto Rico and other U.S. possessions and territories. Shipments traversing the U.S. from a foreign location to another foreign location (e.g., from Canada to Mexico) are not included, nor are shipments from a foreign location to a U.S. location. Imported products are included in the CFS at the point that they left the importer's domestic location for shipment to another location. Shipments that are shipped through a foreign territory with both the origin and destination in the U.S. are included in the CFS data. The mileages calculated for these shipments exclude the international segments (e.g., shipments from New York to Michigan through Canada do not include any mileages for Canada). Export shipments are included, with the domestic destination defined as the port of exit from the U.S.

The "Industry Coverage" section of the text lists the SIC groups covered by the CFS. Other industry areas that are not covered, but may have significant shipping activity, include agriculture, government, and retail (other than warehouses and SIC 5961, Catalog and Mail-Order Houses). For agriculture specifically, this means that the CFS did not cover shipments of agricultural products from the farm site to the processing centers or terminal elevators (most likely short-distance local movements), but does cover the shipments of these products from the initial processing centers or terminal elevators onward.

MILEAGE CALCULATIONS

To compute shipment mileages for the 1997 CFS, The Center for Transportation Analysis (CTA) at Oak Ridge National Laboratory (ORNL) developed an integrated, intermodal transportation network modeling system. A secure data site was setup at ORNL to process census-supplied files containing data elements for individual CFS shipment records. Each record contained the ZIP Code of shipment origin and destination, and the mode or mode sequence reported. Each record also contained information on the type of commodity moved, its weight, dollar value and whether containerized or a hazardous material. Export shipments were also identified on the records, along with data on U.S. port of exit and foreign destination city and country. Encrypted data files were transmitted and returned from ORNL after processing, with turnaround of most files on a week-by-week basis. In this manner many shipment-specific data problems encountered by ORNL in their routing procedures were reported back to census in a timely fashion, allowing census to call back some shippers and thereby confirm, correct, or recover missing or otherwise unusable data. The ORNL system computed mileages, by mode, for all single modes and for any reported multimodal sequence. This was done for any origin-destination pair of domestic ZIP Code locations, and for any internal ZIP Code of origin, via U.S. export port, to foreign (export) destination. Mileages between origin-destination ZIP Code centroids were computed by finding the minimum impedance path over mathematical representations of the highway, rail, waterway, air, and pipeline networks and then summing the lengths of individual links on these paths. Impedance is computed as a weighted combination of distance, time, and cost factors.

The ORNL multimodal network database is composed of individual modal-specific networks representing each of the major transportation modes—highway, rail, waterway, air, and pipeline. The links of these specific modal networks are the representation of line-haul transportation facilities. The nodes represent intersections and interchanges, and the access points to the transportation network. To simulate local access, test links are created from each five-digit ZIP Code centroid to nearby nodes on the network. For the truck network, local access is assumed to exist everywhere. For the other modes this is not true. Before any test links are created for these modes, a search procedure is used to determine if and where such networks are most likely to provide access to the ZIP Code. For shipments involving more than one mode, such as truck-rail or rail-water shipments, intermodal transfer links are added to the network database for the purpose of connecting the individual modal networks together for routing purposes. An intermodal terminals database and a number of terminal transfer models were developed at ORNL to identify likely transfer points for different classes of freight. A measure of link impedance was calculated for each access, line-haul, and intermodal transfer link traversed by a shipment. These impedances were mode specific and are based on various link characteristics. For example, the set of link characteristics for the highway network included speed impacting factors, such as the presence of divided or undivided roadway, the degree of access control, rural or urban setting, type of pavement, number of lanes, degree of urban congestion, and length of the link. Link impedance measures are also assigned to the local access links. Intermodal transfer link impedances are estimated in terms of the time it takes to move goods through such a transfer. In the case of rail and air freight, intercarrier transfer penalties are also considered in order to obtain proper route selections. A minimum path algorithm is used to find the minimum impedance path between a shipment's origin ZIP Code centroid and destination ZIP Code centroid. The cumulative length of the local access plus line-haul links on this path provides the estimated shipment distance. When rail was involved these shipment distances may be averaged over more than one path between an origin-destination pair.

Mileage Data for Pipeline Shipments

In the tables, we do not show ton-miles or average miles per shipment for pipeline shipments. For most of these shipments, the respondents reported the shipment

destination as a pipeline facility on the main pipeline network. Therefore, for the majority of these shipments, the resulting mileage represented only the access distance through feeder pipelines to the main pipeline network, and not the actual distance through the main pipeline network. Pipeline shipments are included in the U.S. totals for ton-miles and average miles per shipment.

DISCLOSURE RULES

In accordance with Federal law governing Census Bureau reports, no data are published that would disclose the operations of an individual firm or establishment.

EXPLANATION OF TERMS

Average miles per shipment. For the 1993 CFS, we excluded shipments of STCC 27, Printed Matter, from our calculation of average miles per shipment. We made this decision after determining that respondents in the 1993 CFS shipping newspapers, magazines, catalogs, etc., had used widely varying definitions of the term "shipment."

For the 1997 CFS, we made numerous efforts throughout our data collection and editing to produce consistent results from establishments shipping SCTG 29, Printed Products. As a result, we have included printed products in the average miles per shipment calculations for the 1997 CFS.

Commodity. Products that an establishment produces, sells, or distributes. This does not include items that are considered as excess or byproducts of the establishment's operation. Respondents reported the description and the five-digit SCTG code for the major commodity contained in the shipment, defined as the commodity with the greatest weight in the total shipment.

Distance shipped. In some tables, shipment data are presented for various "distance shipped" intervals. Shipments were categorized into these "distance shipped" intervals based on the great circle distance between their origin and destination ZIP Code centroids. All other distance-related data in this and other tables (i.e., ton-miles and average miles per shipment) are based on the mileage calculations produced by Oak Ridge National Laboratories. (See the "Mileage Calculations" section for more details.)

Great circle distance. The shortest distance between two points on the earth's surface.

Mode of transportation. The type of transportation used for moving the shipment to its domestic destination. For exports, the domestic destination was the port of exit.

Mode Definitions

In the instructions to the respondent, we defined the possible modes as follows:

1. **Parcel delivery/courier/U.S. Postal Service.** Delivery services, parcels, packages, and other small shipments that typically weigh less than 100 pounds. Includes bus parcel delivery service.
2. **Private truck.** Trucks operated by a temporary or permanent employee of an establishment or the buyer/receiver of the shipment.
3. **For-hire truck.** Trucks that carry freight for a fee collected from the shipper, recipient of the shipment, or an arranger of the transportation.
4. **Railroad.** Any common carrier or private railroad.
5. **Shallow draft vessels.** Barges, ships, or ferries operating primarily on rivers and canals; in harbors, the Great Lakes, the Saint Lawrence Seaway; the Intracoastal Waterway, the Inside Passage to Alaska, major bays and inlets; or in the ocean close to the shoreline.
6. **Deep draft vessel.** Barges, ships, or ferries operating primarily in the open ocean. Shipping on the Great Lakes and the Saint Lawrence Seaway is classified with shallow draft vessels.
7. **Pipeline.** Movements of oil, petroleum, gas, slurry, etc., through pipelines that extend to other establishments or locations beyond the shipper's establishment. Aqueducts for the movement of water are not included.
8. **Air.** Commercial or private aircraft, and all air service for shipments that typically weigh more than 100 pounds. Includes air freight and air express.
9. **Other mode.** Any mode not listed above.
10. **Unknown.** The shipment was not carried by a parcel delivery/courier/U.S. Postal Service, and the respondent could not determine what mode of transportation was used.

In the tables, we have used additional terms for mode, which we define as follows:

1. **Air (includes truck and air).** Shipments that used air or a combination of truck and air.
2. **Single modes.** Shipments using only one of the above-listed modes, except parcel or other and unknown.
3. **Multiple modes.** Parcel, U.S. Postal Service or courier shipments or shipments for which two or more of the following modes of transportation were used:

   Private truck
   For-hire truck
   Rail
   Shallow draft vessel
   Deep draft vessel
   Pipeline

We did not allow for multiple modes in combination with "parcel, U.S. Postal Service or courier," "unknown," or "other." By their nature, these shipments may already include various kinds of multiple-mode activity. For example, if the respondent reported a shipment's mode of transportation as parcel and air, we treated the shipment as parcel only.

4. **Other multiple modes.** Shipments using any other mode combinations not specifically listed in the tables.

5. **Other and unknown modes.** Shipments for which modes were not reported, or were reported by the respondent as "Other" or "Unknown."

6. **Truck.** Shipments using for-hire truck only, private truck only, or a combination of for-hire truck and private truck.

7. **Water.** Shipments using shallow draft vessel only, deep draft vessel only, or Great Lakes vessel only. Combinations of these modes, such as shallow draft vessel and Great Lakes vessel are included as "Other multiple modes."

8. **Great Lakes.** In the tables in this publication, "Great Lakes" appears as a single mode. ORNL's transportation network and mileage calculation system allowed for separate mileage calculations for Great Lakes between the origin and destination ZIP Codes (see the "Mileage Calculations" section for more details).

Other Definitions and Terms

Shipment. A shipment (or delivery) is an individual movement of commodities from an establishment to a customer or to another location of the originating company (including a warehouse, distribution center, retail or wholesale outlet). A shipment uses one or more modes of transportation including parcel delivery, U.S. Postal Service, courier, private truck, for-hire truck, rail, water, pipeline, air, and other modes.

Standard Classification of Transported Goods (SCTG). The commodities shown in this report are classified using the SCTG coding system. The SCTG coding system was developed jointly by agencies of the United States and Canadian governments based on the Harmonized System to address statistical needs in regard to products transported.

Ton-miles. The weight times the mileage for a shipment. The respondents reported shipment weight in pounds, as described below. Mileage was calculated as the distance between the shipment origin and destination ZIP Codes. For shipments by truck, rail, or shallow draft vessels, the mileage excludes international segments. For example, mileages from Alaska to the continental United States exclude any mileages through Canada (see the "Mileage Calculations" section for more details). Aggregated pound-miles were converted to ton-miles. The ton-miles data are displayed in millions.

Tons shipped. The total weight of the entire shipment. Respondents reported the weight in pounds. Aggregated pounds were converted to short-tons (2,000 pounds). The tons data are displayed in thousands.

Total modal activity. The overall activity (e.g., ton-miles) of a specific mode of transportation, whether used in a single-mode shipment, or as part of a multiple-mode shipment. For example, the total modal activity for private truck is the total ton-miles carried by private truck in single-mode shipments, combined with the total ton-miles carried by private truck in all multiple-mode shipments that include private truck (private truck and for-hire truck, private truck and rail, private truck and air, etc.)

Value of shipments. The dollar value of the entire shipment. This was defined as the net selling value, f.o.b. plant, exclusive of freight charges and excise taxes. The value data are displayed in millions of dollars.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in the tables for this publication:

D	Denotes figures withheld to avoid disclosing data for individual companies.
–	Represents zero or less than 1 unit of measure.
S	Data do not meet publication standards due to high sampling variability or other reasons.
CFS	Commodity Flow Survey.
lb	Pounds.
n.e.c.	Not elsewhere classified.
NA	Not applicable.
n.o.s.	Not otherwise specified.

OTHER TRANSPORTATION DATA

Users of transportation data may be especially interested in the following reports:

Economic Census: Transportation Sector covers establishments that provide passenger and freight transportation to the general public, government, or other businesses.

Published data include kind of business, geographic location, total operating revenue, annual and first quarter payroll, and number of employees for pay period including March 12.

Vehicle Inventory and Use Survey covers state and U.S. level statistics on the physical and operational characteristics of the Nation's truck, van, minivan, and sport utility vehicle population. Some of the types of data collected include number of vehicles, major use, body type, annual miles, model year, vehicle size, fuel type, operator classification, engine size, range of operation, weeks operated, products carried, and hazardous materials carried. This survey shows comparative statistics reflecting percent changes in number of vehicles between 1997 and 1992 for most characteristics.

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

All results of the 1997 Economic Census are available on the Census Bureau Internet site *http//www.census.gov* and on compact discs (CD-ROM).

For more information on any Census Bureau product, including a description of electronic and printed reports being issued, see the website or call Customer Services at 301-457-4100.

Table 1a. **Shipment Characteristics by Mode of Transportation for the Region: 1997**

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

Mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
All modes	**1 367 369**	**100.0**	**2 101 462**	**100.0**	**717 301**	**100.0**	**605**
Single modes	**1 060 636**	**77.6**	**1 924 772**	**91.6**	**620 524**	**86.5**	**226**
Truck[1]	883 166	64.6	1 336 702	63.6	180 362	25.1	162
For-hire truck	441 685	32.3	483 973	23.0	126 582	17.6	754
Private truck	433 529	31.7	789 510	37.6	50 122	7.0	53
Rail	36 582	2.7	421 572	20.1	412 924	57.6	1 202
Water	11 178	.8	65 778	3.1	17 451	2.4	860
Shallow draft	3 853	.3	27 466	1.3	3 806	.5	231
Great Lakes	–	–	–	–	–	–	–
Deep draft	7 325	.5	38 311	1.8	13 645	1.9	946
Air (includes truck and air)	108 616	7.9	1 675	–	2 884	.4	1 850
Pipeline[2]	21 094	1.5	99 045	4.7	S	S	S
Multiple modes	**234 480**	**17.1**	**53 880**	**2.6**	**71 638**	**10.0**	**1 029**
Parcel, U.S. Postal Service or courier	219 001	16.0	4 815	.2	5 293	.7	1 028
Truck and rail	9 525	.7	S	S	21 144	2.9	1 847
Truck and water	5 036	.4	3 811	.2	5 345	.7	1 155
Rail and water	220	–	27 109	1.3	39 399	5.5	1 606
Other multiple modes	S	S	S	S	457	–	S
Other and unknown modes	**72 253**	**5.3**	**122 811**	**5.8**	**25 140**	**3.5**	**259**

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons. Some unpublished estimates can be derived from other data published in this table. However, figures obtained in this manner are subject to these same limitations.

[1]"Truck" as a single mode includes shipments which went by private truck only, for-hire truck only, or a combination of private truck and for-hire truck.
[2]CFS data for pipeline exclude most shipments of crude oil. See "Mileage Calculations" section for details of CFS coverage.

Table 1b. **Shipment Characteristics by Mode of Transportation for the Region: 1997 and 1993**

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

Mode of transportation	Value			Tons			Ton-miles			Average miles per shipment		
	1997 (million dollars)	1993 (million dollars)	Percent change	1997 (thousands)	1993 (thousands)	Percent change	1997 (millions)	1993 (millions)	Percent change	1997	1993	Percent change
All modes	**1 367 369**	**1 092 914**	**25.1**	**2 101 462**	**2 068 826**	**1.6**	**717 301**	**687 486**	**4.3**	**605**	**551**	**9.8**
Single modes	**1 060 636**	**858 328**	**23.6**	**1 924 772**	**1 824 037**	**5.5**	**620 524**	**605 650**	**2.5**	**226**	**289**	**–21.8**
Truck[1]	883 166	738 605	19.6	1 336 702	1 201 055	11.3	180 362	165 427	9.0	162	168	–3.9
For-hire truck	441 685	413 592	6.8	483 973	507 091	–4.6	126 582	123 538	2.5	754	658	14.7
Private truck	433 529	322 032	34.6	789 510	677 287	16.6	50 122	40 143	24.9	53	53	1.0
Rail	36 582	39 156	–6.6	421 572	449 909	–6.3	412 924	396 697	4.1	1 202	1 131	6.2
Water	11 178	8 218	36.0	65 778	46 843	40.4	17 451	25 935	–32.7	860	1 426	–39.7
Shallow draft	3 853	2 202	75.0	27 466	23 297	17.9	3 806	2 250	69.2	231	133	74.0
Great Lakes	–	–	–	–	–	–	–	–	–	–	–	–
Deep draft	7 325	6 016	21.8	38 311	23 546	62.7	13 645	23 685	–42.4	946	1 712	–44.7
Air (includes truck and air)	108 616	49 758	118.3	1 675	1 071	56.4	2 884	1 710	68.7	1 850	1 732	6.8
Pipeline[2]	21 094	22 592	–6.6	99 045	125 159	–20.9	S	S	S	S	S	S
Multiple modes	**234 480**	**152 151**	**54.1**	**53 880**	**36 705**	**46.8**	**71 638**	**46 356**	**54.5**	**1 029**	**935**	**10.0**
Parcel, U.S. Postal Service or courier	219 001	129 529	69.1	4 815	3 741	28.7	5 293	3 721	42.2	1 028	931	10.4
Truck and rail	9 525	S	S	S	16 116	S	21 144	15 784	34.0	1 847	2 352	–21.5
Truck and water	5 036	2 748	83.3	3 811	S	S	5 345	5 907	–9.5	1 155	1 441	–19.9
Rail and water	220	63	250.8	27 109	10 354	161.8	39 399	20 728	90.1	1 606	1 903	–15.6
Other multiple modes	S	S	S	S	S	S	457	S	S	S	S	S
Other and unknown modes	**72 253**	**82 436**	**–12.4**	**122 811**	**208 083**	**–41.0**	**25 140**	**35 481**	**–29.1**	**259**	**370**	**–29.9**

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D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons. Some unpublished estimates can be derived from other data published in this table. However, figures obtained in this manner are subject to these same limitations.

[1]"Truck" as a single mode includes shipments which went by private truck only, for-hire truck only, or a combination of private truck and for-hire truck.
[2]CFS data for pipeline exclude most shipments of crude oil. See "Mileage Calculations" section for details of CFS coverage.

Table 1c. Shipment Characteristics by Mode of Transportation for the Region: Percent of Total for 1997 and 1993

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

Mode of transportation	Value (percent)		Tons (percent)		Ton-miles (percent)	
	1997	1993	1997	1993	1997	1993
All modes	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single modes	**77.6**	**78.5**	**91.6**	**88.2**	**86.5**	**88.1**
Truck[1]	64.6	67.6	63.6	58.1	25.1	24.1
For-hire truck	32.3	37.8	23.0	24.5	17.6	18.0
Private truck	31.7	29.5	37.6	32.7	7.0	5.8
Rail	2.7	3.6	20.1	21.7	57.6	57.7
Water	.8	.8	3.1	2.3	2.4	3.8
Shallow draft	.3	.2	1.3	1.1	.5	.3
Great Lakes	–	–	–	–	–	–
Deep draft	.5	.6	1.8	1.1	1.9	3.4
Air (includes truck and air)	7.9	4.6	–	–	.4	.2
Pipeline[2]	1.5	2.1	4.7	6.0	S	S
Multiple modes	**17.1**	**13.9**	**2.6**	**1.8**	**10.0**	**6.7**
Parcel, U.S. Postal Service or courier	16.0	11.9	.2	.2	.7	.5
Truck and rail	.7	S	S	.8	2.9	2.3
Truck and water	.4	.3	.2	S	.7	.9
Rail and water	–	–	1.3	.5	5.5	3.0
Other multiple modes	S	S	S	S	–	S
Other and unknown modes	**5.3**	**7.5**	**5.8**	**10.1**	**3.5**	**5.2**

– Represents data cell equal to zero or less than 1 unit of measure.
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S Data do not meet publication standards because of high sampling variability or other reasons. Some unpublished estimates can be derived from other data published in this table. However, figures obtained in this manner are subject to these same limitations.

[1]"Truck" as a single mode includes shipments which went by private truck only, for-hire truck only, or a combination of private truck and for-hire truck.
[2]CFS data for pipeline exclude most shipments of crude oil. See "Mileage Calculations" section for details of CFS coverage.

Table 2. Shipment Characteristics by Total Modal Activity for the Region: 1997

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

Mode of transportation[1]	Ton-miles		Average miles per shipment
	Number (millions)	Percent	
Total	**717 300**	**100.0**	**594**
Truck	182 279	25.4	158
Rail	462 889	64.5	1 322
Shallow draft	13 069	1.8	204
Great Lakes	S	S	569
Deep draft	18 527	2.6	1 128
Air	2 789	.4	1 774
Parcel, U.S. Postal Service or courier	5 293	.7	1 028
Pipeline	S	S	S
Other and unknown modes	25 202	3.5	259

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D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons. Some unpublished estimates can be derived from other data published in this table. However, figures obtained in this manner are subject to these same limitations.

[1]Data represent activity for a given mode across single and multiple mode shipments. For example, "Truck" ton-miles includes total ton-miles for shipments moving by truck only plus ton-miles for truck segments only of multiple mode shipments.

Table 3. Shipment Characteristics by Mode of Transportation and Distance Shipped for the Region: 1997

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

Mode of transportation and distance shipped (based on Great Circle Distance)	Value		Tons		Ton-miles	
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent
All modes	**1 367 369**	**100.0**	**2 101 462**	**100.0**	**717 301**	**100.0**
Less than 50 miles	524 269	38.3	1 235 920	58.8	25 933	3.6
50 to 99 miles	99 970	7.3	165 073	7.9	16 541	2.3
100 to 249 miles	122 501	9.0	164 182	7.8	34 322	4.8
250 to 499 miles	122 934	9.0	110 030	5.2	50 876	7.1
500 to 749 miles	66 269	4.8	129 411	6.2	117 801	16.4
750 to 999 miles	66 415	4.9	135 871	6.5	164 474	22.9
1,000 to 1,499 miles	91 201	6.7	107 243	5.1	173 683	24.2
1,500 to 1,999 miles	122 241	8.9	31 682	1.5	70 906	9.9
2,000 miles or more	151 569	11.1	22 050	1.0	62 765	8.8
Single modes	**1 060 636**	**100.0**	**1 924 772**	**100.0**	**620 524**	**100.0**
Less than 50 miles	445 560	42.0	1 133 845	58.9	24 659	4.0
50 to 99 miles	86 420	8.1	156 386	8.1	15 276	2.5
100 to 249 miles	102 232	9.6	157 101	8.2	32 628	5.3
250 to 499 miles	92 721	8.7	103 957	5.4	47 924	7.7
500 to 749 miles	49 320	4.7	124 523	6.5	113 525	18.3
750 to 999 miles	47 098	4.4	115 604	6.0	138 041	22.2
1,000 to 1,499 miles	62 610	5.9	91 150	4.7	144 779	23.3
1,500 to 1,999 miles	79 878	7.5	26 903	1.4	60 029	9.7
2,000 miles or more	94 797	8.9	15 302	.8	43 662	7.0
Truck[1]	**883 166**	**100.0**	**1 336 702**	**100.0**	**180 362**	**100.0**
Less than 50 miles	404 301	45.8	982 687	73.5	22 487	12.5
50 to 99 miles	81 660	9.2	123 066	9.2	11 859	6.6
100 to 249 miles	93 851	10.6	109 415	8.2	21 372	11.8
250 to 499 miles	78 502	8.9	50 936	3.8	21 701	12.0
500 to 749 miles	37 248	4.2	20 803	1.6	15 804	8.8
750 to 999 miles	32 023	3.6	14 427	1.1	15 634	8.7
1,000 to 1,499 miles	41 168	4.7	14 023	1.0	20 657	11.5
1,500 to 1,999 miles	53 547	6.1	11 485	.9	23 907	13.3
2,000 miles or more	60 867	6.9	9 862	.7	26 941	14.9
For-hire truck	**441 685**	**100.0**	**483 973**	**100.0**	**126 582**	**100.0**
Less than 50 miles	104 178	23.6	272 790	56.4	6 998	5.5
50 to 99 miles	30 437	6.9	58 190	12.0	5 801	4.6
100 to 249 miles	47 516	10.8	59 160	12.2	11 808	9.3
250 to 499 miles	60 825	13.8	35 274	7.3	15 238	12.0
500 to 749 miles	32 007	7.2	17 121	3.5	13 057	10.3
750 to 999 miles	28 169	6.4	11 617	2.4	12 671	10.0
1,000 to 1,499 miles	37 440	8.5	11 295	2.3	16 922	13.4
1,500 to 1,999 miles	47 526	10.8	10 202	2.1	21 288	16.8
2,000 miles or more	53 587	12.1	8 324	1.7	22 799	18.0
Private truck	**433 529**	**100.0**	**789 510**	**100.0**	**50 122**	**100.0**
Less than 50 miles	296 422	68.4	651 402	82.5	13 405	26.7
50 to 99 miles	50 747	11.7	62 877	8.0	5 824	11.6
100 to 249 miles	45 733	10.5	48 606	6.2	9 258	18.5
250 to 499 miles	16 690	3.8	15 102	1.9	6 228	12.4
500 to 749 miles	5 087	1.2	3 518	.4	2 621	5.2
750 to 999 miles	3 526	.8	2 690	.3	2 832	5.6
1,000 to 1,499 miles	3 371	.8	S	S	3 665	7.3
1,500 to 1,999 miles	5 723	1.3	1 234	.2	2 517	5.0
2,000 miles or more	6 230	1.4	1 400	.2	3 772	7.5
Rail	**36 582**	**100.0**	**421 572**	**100.0**	**412 924**	**100.0**
Less than 50 miles	2 987	8.2	39 559	9.4	865	.2
50 to 99 miles	1 435	3.9	23 238	5.5	2 676	.6
100 to 249 miles	2 437	6.7	29 469	7.0	7 542	1.8
250 to 499 miles	3 327	9.1	36 745	8.7	21 014	5.1
500 to 749 miles	5 123	14.0	101 609	24.1	96 302	23.3
750 to 999 miles	4 364	11.9	100 005	23.7	121 312	29.4
1,000 to 1,499 miles	5 048	13.8	73 364	17.4	118 602	28.7
1,500 to 1,999 miles	7 542	20.6	13 038	3.1	30 748	7.4
2,000 miles or more	4 320	11.8	4 546	1.1	13 864	3.4
Water	**11 178**	**100.0**	**65 778**	**100.0**	**17 451**	**100.0**
Less than 50 miles	6 235	55.8	42 378	64.4	713	4.1
50 to 99 miles	233	2.1	S	S	S	S
100 to 249 miles	1 383	12.4	8 991	13.7	2 028	11.6
250 to 499 miles	800	7.2	S	S	2 434	14.0
500 to 749 miles	71	.6	174	.3	S	S
750 to 999 miles	S	S	S	S	S	S
1,000 to 1,499 miles	1 116	10.0	3 565	5.4	5 142	29.5
1,500 to 1,999 miles	S	S	S	S	S	S
2,000 miles or more	223	2.0	284	.4	S	S
Shallow draft	**3 853**	**100.0**	**27 466**	**100.0**	**3 806**	**100.0**
Less than 50 miles	1 810	47.0	13 454	49.0	204	5.4
50 to 99 miles	S	S	S	S	S	S
100 to 249 miles	1 141	29.6	8 335	30.3	1 868	49.1
250 to 499 miles	S	S	S	S	S	S
500 to 749 miles	31	.8	S	S	S	S
750 to 999 miles	S	S	S	S	S	S
1,000 to 1,499 miles	–	–	–	–	–	–
1,500 to 1,999 miles	–	–	–	–	–	–
2,000 miles or more	–	–	–	–	–	–

See footnotes at end of table.

Table 3. **Shipment Characteristics by Mode of Transportation and Distance Shipped for the Region: 1997**—Con.

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

Mode of transportation and distance shipped (based on Great Circle Distance)	Value		Tons		Ton-miles	
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent
Single modes—Con.						
Great Lakes	**–**	**–**	**–**	**–**	**–**	**–**
Less than 50 miles	–	–	–	–	–	–
50 to 99 miles	–	–	–	–	–	–
100 to 249 miles	–	–	–	–	–	–
250 to 499 miles	–	–	–	–	–	–
500 to 749 miles	–	–	–	–	–	–
750 to 999 miles	–	–	–	–	–	–
1,000 to 1,499 miles	–	–	–	–	–	–
1,500 to 1,999 miles	–	–	–	–	–	–
2,000 miles or more	–	–	–	–	–	–
Deep draft	**7 325**	**100.0**	**38 311**	**100.0**	**13 645**	**100.0**
Less than 50 miles	4 424	60.4	28 924	75.5	S	S
50 to 99 miles	87	1.2	S	S	S	S
100 to 249 miles	243	3.3	S	S	S	S
250 to 499 miles	S	S	S	S	S	S
500 to 749 miles	39	.5	S	S	S	S
750 to 999 miles	S	S	S	S	S	S
1,000 to 1,499 miles	1 116	15.2	3 565	9.3	5 142	37.7
1,500 to 1,999 miles	S	S	S	S	S	S
2,000 miles or more	223	3.1	284	.7	S	S
Air (includes truck and air)	**108 616**	**100.0**	**1 675**	**100.0**	**2 884**	**100.0**
Less than 50 miles	S	S	S	S	S	S
50 to 99 miles	1 065	1.0	67	4.0	10	.4
100 to 249 miles	2 582	2.4	S	S	44	1.5
250 to 499 miles	9 182	8.5	153	9.2	77	2.7
500 to 749 miles	6 495	6.0	62	3.7	61	2.1
750 to 999 miles	10 356	9.5	163	9.7	189	6.6
1,000 to 1,499 miles	15 273	14.1	198	11.8	378	13.1
1,500 to 1,999 miles	18 028	16.6	207	12.3	435	15.1
2,000 miles or more	29 386	27.1	611	36.5	1 689	58.6
Pipeline[2]	**21 094**	**100.0**	**99 045**	**100.0**	**S**	**S**
Less than 50 miles	15 788	74.8	69 205	69.9	S	S
50 to 99 miles	S	S	S	S	S	S
100 to 249 miles	1 978	9.4	9 028	9.1	S	S
250 to 499 miles	910	4.3	9 559	9.7	S	S
500 to 749 miles	S	S	S	S	S	S
750 to 999 miles	–	–	–	–	S	S
1,000 to 1,499 miles	S	S	S	S	S	S
1,500 to 1,999 miles	S	S	S	S	S	S
2,000 miles or more	–	–	–	–	S	S
Multiple modes	**234 480**	**100.0**	**53 880**	**100.0**	**71 638**	**100.0**
Less than 50 miles	39 893	17.0	3 832	7.1	122	.2
50 to 99 miles	10 974	4.7	S	S	S	S
100 to 249 miles	14 646	6.2	2 826	5.2	742	1.0
250 to 499 miles	25 771	11.0	1 888	3.5	1 233	1.7
500 to 749 miles	14 652	6.2	2 468	4.6	2 567	3.6
750 to 999 miles	16 444	7.0	18 624	34.6	24 543	34.3
1,000 to 1,499 miles	23 570	10.1	14 074	26.1	25 585	35.7
1,500 to 1,999 miles	37 045	15.8	2 483	4.6	6 074	8.5
2,000 miles or more	51 484	22.0	3 431	6.4	9 958	13.9
Parcel, U.S. Postal Service or courier	**219 001**	**100.0**	**4 815**	**100.0**	**5 293**	**100.0**
Less than 50 miles	38 319	17.5	979	20.3	25	.5
50 to 99 miles	10 485	4.8	303	6.3	29	.5
100 to 249 miles	13 511	6.2	449	9.3	91	1.7
250 to 499 miles	25 165	11.5	502	10.4	220	4.2
500 to 749 miles	14 280	6.5	272	5.7	213	4.0
750 to 999 miles	15 292	7.0	330	6.9	360	6.8
1,000 to 1,499 miles	22 488	10.3	452	9.4	684	12.9
1,500 to 1,999 miles	31 715	14.5	725	15.1	1 492	28.2
2,000 miles or more	47 747	21.8	803	16.7	2 179	41.2
Truck and rail	**9 525**	**100.0**	**S**	**S**	**21 144**	**100.0**
Less than 50 miles	244	2.6	1 149	7.2	57	.3
50 to 99 miles	116	1.2	S	S	S	S
100 to 249 miles	268	2.8	571	3.6	147	.7
250 to 499 miles	384	4.0	S	S	S	S
500 to 749 miles	215	2.3	S	S	S	S
750 to 999 miles	888	9.3	731	4.6	920	4.4
1,000 to 1,499 miles	765	8.0	S	S	S	S
1,500 to 1,999 miles	4 673	49.1	1 489	9.3	3 645	17.2
2,000 miles or more	1 973	20.7	1 331	8.3	4 163	19.7
Truck and water	**5 036**	**100.0**	**3 811**	**100.0**	**5 345**	**100.0**
Less than 50 miles	S	S	144	3.8	5	–
50 to 99 miles	372	7.4	320	8.4	49	.9
100 to 249 miles	778	15.4	1 305	34.2	S	S
250 to 499 miles	S	S	155	4.1	63	1.2
500 to 749 miles	154	3.1	85	2.2	S	S
750 to 999 miles	141	2.8	109	2.9	106	2.0
1,000 to 1,499 miles	214	4.3	232	6.1	432	8.1
1,500 to 1,999 miles	654	13.0	258	6.8	913	17.1
2,000 miles or more	1 710	34.0	1 202	31.5	3 274	61.3

See footnotes at end of table.

Table 3. **Shipment Characteristics by Mode of Transportation and Distance Shipped for the Region: 1997**—Con.

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

Mode of transportation and distance shipped (based on Great Circle Distance)	Value		Tons		Ton-miles	
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent
Multiple modes—Con.						
Rail and water	**220**	**100.0**	**27 109**	**100.0**	**39 399**	**100.0**
Less than 50 miles	–	–	–	–	–	–
50 to 99 miles	–	–	–	–	–	–
100 to 249 miles	–	–	–	–	–	–
250 to 499 miles	–	–	–	–	–	–
500 to 749 miles	S	S	S	S	S	S
750 to 999 miles	123	56.2	17 454	64.4	23 157	58.8
1,000 to 1,499 miles	81	37.0	9 104	33.6	15 509	39.4
1,500 to 1,999 miles	S	S	S	S	S	S
2,000 miles or more	S	S	S	S	S	S
Other multiple modes	**S**	**S**	**S**	**S**	**457**	**100.0**
Less than 50 miles	S	S	S	S	S	S
50 to 99 miles	S	S	S	S	S	S
100 to 249 miles	S	S	S	S	S	S
250 to 499 miles	–	–	–	–	–	–
500 to 749 miles	S	S	S	S	S	S
750 to 999 miles	–	–	–	–	–	–
1,000 to 1,499 miles	S	S	S	S	S	S
1,500 to 1,999 miles	S	S	S	S	S	S
2,000 miles or more	42	6.0	75	3.4	279	61.0
Other and unknown modes	**72 253**	**100.0**	**122 811**	**100.0**	**25 140**	**100.0**
Less than 50 miles	38 816	53.7	98 242	80.0	1 152	4.6
50 to 99 miles	2 576	3.6	S	S	S	S
100 to 249 miles	5 623	7.8	4 256	3.5	952	3.8
250 to 499 miles	4 442	6.1	4 185	3.4	1 720	6.8
500 to 749 miles	2 297	3.2	2 419	2.0	1 709	6.8
750 to 999 miles	2 872	4.0	1 644	1.3	1 890	7.5
1,000 to 1,499 miles	5 022	7.0	2 019	1.6	3 319	13.2
1,500 to 1,999 miles	5 317	7.4	2 295	1.9	4 803	19.1
2,000 miles or more	5 288	7.3	3 316	2.7	9 145	36.4

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons. Some unpublished estimates can be derived from other data published in this table. However, figures obtained in this manner are subject to these same limitations.

[1]"Truck" as a single mode includes shipments which went by private truck only, for-hire truck only, or a combination of private truck and for-hire truck.
[2]CFS data for pipeline exclude most shipments of crude oil. See "Mileage Calculations" section for details of CFS coverage.

Table 4. Shipment Characteristics by Mode of Transportation and Shipment Size for the Region: 1997

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

Mode of transportation and shipment size	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
All modes	**1 367 369**	**100.0**	**2 101 462**	**100.0**	**717 301**	**100.0**	**605**
Less than 50 lb	225 063	16.5	4 450	.2	2 611	.4	725
50 to 99 lb	68 959	5.0	2 942	.1	1 235	.2	418
100 to 499 lb	174 439	12.8	16 362	.8	4 862	.7	301
500 to 749 lb	53 898	3.9	7 721	.4	2 114	.3	270
750 to 999 lb	34 383	2.5	6 215	.3	1 612	.2	259
1,000 to 9,999 lb	283 348	20.7	105 775	5.0	30 105	4.2	289
10,000 to 49,999 lb	324 508	23.7	605 495	28.8	127 734	17.8	208
50,000 to 99,999 lb	80 405	5.9	484 946	23.1	43 178	6.0	87
100,000 lb or more	122 366	8.9	867 556	41.3	503 850	70.2	643
Single modes	**1 060 636**	**100.0**	**1 924 772**	**100.0**	**620 524**	**100.0**	**226**
Less than 50 lb	74 270	7.0	2 286	.1	494	–	244
50 to 99 lb	35 784	3.4	1 957	.1	405	–	205
100 to 499 lb	129 036	12.2	14 067	.7	3 143	.5	215
500 to 749 lb	45 181	4.3	7 079	.4	1 571	.3	220
750 to 999 lb	30 404	2.9	5 800	.3	1 278	.2	220
1,000 to 9,999 lb	257 681	24.3	97 873	5.1	22 428	3.6	229
10,000 to 49,999 lb	300 812	28.4	582 998	30.3	108 524	17.5	184
50,000 to 99,999 lb	78 014	7.4	477 117	24.8	40 239	6.5	83
100,000 lb or more	109 453	10.3	735 595	38.2	442 443	71.3	632
Truck[1]	**883 166**	**100.0**	**1 336 702**	**100.0**	**180 362**	**100.0**	**162**
Less than 50 lb	47 805	5.4	2 184	.2	305	.2	141
50 to 99 lb	25 157	2.8	1 899	.1	296	.2	153
100 to 499 lb	111 123	12.6	13 822	1.0	2 690	1.5	183
500 to 749 lb	40 674	4.6	6 981	.5	1 432	.8	203
750 to 999 lb	28 246	3.2	5 743	.4	1 198	.7	208
1,000 to 9,999 lb	248 775	28.2	97 182	7.3	21 576	12.0	221
10,000 to 49,999 lb	292 049	33.1	578 792	43.3	101 941	56.5	175
50,000 to 99,999 lb	70 629	8.0	472 990	35.4	37 162	20.6	78
100,000 lb or more	18 709	2.1	157 109	11.8	13 762	7.6	112
For-hire truck	**441 685**	**100.0**	**483 973**	**100.0**	**126 582**	**100.0**	**754**
Less than 50 lb	15 069	3.4	220	–	209	.2	965
50 to 99 lb	10 530	2.4	242	–	204	.2	840
100 to 499 lb	53 679	12.2	2 400	.5	1 934	1.5	800
500 to 749 lb	21 167	4.8	1 315	.3	1 065	.8	807
750 to 999 lb	15 226	3.4	1 181	.2	899	.7	757
1,000 to 9,999 lb	124 720	28.2	21 534	4.4	15 703	12.4	774
10,000 to 49,999 lb	159 290	36.1	197 730	40.9	75 929	60.0	416
50,000 to 99,999 lb	30 010	6.8	208 086	43.0	21 731	17.2	102
100,000 lb or more	11 995	2.7	51 265	10.6	8 908	7.0	261
Private truck	**433 529**	**100.0**	**789 510**	**100.0**	**50 122**	**100.0**	**53**
Less than 50 lb	32 606	7.5	1 954	.2	92	.2	44
50 to 99 lb	14 540	3.4	1 645	.2	89	.2	54
100 to 499 lb	56 784	13.1	11 345	1.4	729	1.5	61
500 to 749 lb	19 223	4.4	5 612	.7	356	.7	63
750 to 999 lb	12 739	2.9	4 518	.6	292	.6	65
1,000 to 9,999 lb	121 661	28.1	74 489	9.4	5 588	11.1	72
10,000 to 49,999 lb	129 764	29.9	361 824	45.8	24 621	49.1	67
50,000 to 99,999 lb	39 796	9.2	254 873	32.3	14 763	29.5	59
100,000 lb or more	6 417	1.5	73 249	9.3	3 591	7.2	58
Rail	**36 582**	**100.0**	**421 572**	**100.0**	**412 924**	**100.0**	**1 202**
Less than 50 lb	S	S	–	–	S	S	745
50 to 99 lb	S	S	S	S	S	S	901
100 to 499 lb	S	S	1	–	1	–	1 535
500 to 749 lb	S	S	S	S	S	S	785
750 to 999 lb	S	S	–	–	–	–	1 553
1,000 to 9,999 lb	381	1.0	56	–	126	–	2 133
10,000 to 49,999 lb	3 917	10.7	2 282	.5	4 259	1.0	1 886
50,000 to 99,999 lb	1 201	3.3	3 606	.9	2 836	.7	739
100,000 lb or more	30 956	84.6	415 625	98.6	405 701	98.3	1 141
Water	**11 178**	**100.0**	**65 778**	**100.0**	**17 451**	**100.0**	**860**
Less than 50 lb	S	S	1	–	S	S	1 111
50 to 99 lb	10	–	1	–	–	–	376
100 to 499 lb	S	S	11	–	13	–	1 372
500 to 749 lb	S	S	6	–	4	–	702
750 to 999 lb	21	.2	8	–	12	–	1 529
1,000 to 9,999 lb	253	2.3	S	S	45	.3	S
10,000 to 49,999 lb	1 093	9.8	1 334	2.0	S	S	825
50,000 to 99,999 lb	76	.7	179	.3	160	.9	867
100,000 lb or more	9 566	85.6	64 056	97.4	15 565	89.2	339
Shallow draft	**3 853**	**100.0**	**27 466**	**100.0**	**3 806**	**100.0**	**231**
Less than 50 lb	S	S	–	–	S	S	98
50 to 99 lb	S	S	S	S	S	S	344
100 to 499 lb	S	S	S	S	S	S	361
500 to 749 lb	S	S	S	S	S	S	321
750 to 999 lb	S	S	S	S	S	S	82
1,000 to 9,999 lb	S	S	S	S	S	S	143
10,000 to 49,999 lb	S	S	46	.2	S	S	178
50,000 to 99,999 lb	S	S	15	–	1	–	72
100,000 lb or more	3 545	92.0	27 392	99.7	3 792	99.7	154

See footnotes at end of table.

Table 4. **Shipment Characteristics by Mode of Transportation and Shipment Size for the Region: 1997**—Con.

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

Mode of transportation and shipment size	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
Single modes—Con.							
Great Lakes	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Less than 50 lb	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–
1,000 to 9,999 lb	–	–	–	–	–	–	–
10,000 to 49,999 lb	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–
Deep draft	**7 325**	**100.0**	**38 311**	**100.0**	**13 645**	**100.0**	**946**
Less than 50 lb	S	S	1	–	S	S	1 229
50 to 99 lb	7	.1	1	–	–	–	393
100 to 499 lb	S	S	10	–	13	.1	1 453
500 to 749 lb	S	S	3	–	S	S	1 094
750 to 999 lb	18	.2	7	–	12	–	1 684
1,000 to 9,999 lb	214	2.9	S	S	43	.3	S
10,000 to 49,999 lb	899	12.3	1 288	3.4	S	S	850
50,000 to 99,999 lb	51	.7	164	.4	159	1.2	925
100,000 lb or more	6 022	82.2	36 664	95.7	11 772	86.3	631
Air (includes truck and air)	**108 616**	**100.0**	**1 675**	**100.0**	**2 884**	**100.0**	**1 850**
Less than 50 lb	26 357	24.3	102	6.1	188	6.5	1 850
50 to 99 lb	10 555	9.7	57	3.4	109	3.8	1 919
100 to 499 lb	17 788	16.4	233	13.9	439	15.2	1 889
500 to 749 lb	4 447	4.1	90	5.4	134	4.6	1 495
750 to 999 lb	2 131	2.0	49	2.9	67	2.3	1 382
1,000 to 9,999 lb	8 230	7.6	413	24.7	677	23.5	1 716
10,000 to 49,999 lb	3 672	3.4	332	19.8	668	23.2	1 926
50,000 to 99,999 lb	6 045	5.6	S	S	77	2.7	645
100,000 lb or more	29 390	27.1	258	15.4	525	18.2	2 024
Pipeline[2]	**21 094**	**100.0**	**99 045**	**100.0**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	S
750 to 999 lb	–	–	–	–	S	S	S
1,000 to 9,999 lb	42	.2	39	–	S	S	S
10,000 to 49,999 lb	81	.4	260	.3	S	S	S
50,000 to 99,999 lb	64	.3	200	.2	S	S	S
100,000 lb or more	20 832	98.8	98 546	99.5	S	S	S
Multiple modes	**234 480**	**100.0**	**53 880**	**100.0**	**71 638**	**100.0**	**1 029**
Less than 50 lb	141 509	60.4	1 927	3.6	2 085	2.9	1 028
50 to 99 lb	29 729	12.7	808	1.5	812	1.1	995
100 to 499 lb	38 029	16.2	1 525	2.8	1 639	2.3	1 051
500 to 749 lb	6 980	3.0	360	.7	438	.6	1 203
750 to 999 lb	3 346	1.4	213	.4	309	.4	1 458
1,000 to 9,999 lb	4 504	1.9	488	.9	701	1.0	1 429
10,000 to 49,999 lb	7 946	3.4	6 193	11.5	11 591	16.2	1 789
50,000 to 99,999 lb	420	.2	1 489	2.8	884	1.2	572
100,000 lb or more	2 018	.9	40 878	75.9	53 178	74.2	1 307
Parcel, U.S. Postal Service or courier	**219 001**	**100.0**	**4 815**	**100.0**	**5 293**	**100.0**	**1 028**
Less than 50 lb	141 399	64.6	1 924	40.0	2 082	39.3	1 028
50 to 99 lb	29 617	13.5	804	16.7	805	15.2	992
100 to 499 lb	37 711	17.2	1 477	30.7	1 606	30.3	1 060
500 to 749 lb	6 737	3.1	337	7.0	407	7.7	1 194
750 to 999 lb	3 200	1.5	188	3.9	269	5.1	1 435
1,000 to 9,999 lb	S	S	S	S	S	S	1 480
10,000 to 49,999 lb	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–
Truck and rail	**9 525**	**100.0**	**S**	**S**	**21 144**	**100.0**	**1 847**
Less than 50 lb	S	S	S	S	S	S	2 097
50 to 99 lb	S	S	S	S	S	S	2 376
100 to 499 lb	16	.2	2	–	4	–	2 443
500 to 749 lb	12	.1	2	–	4	–	1 894
750 to 999 lb	15	.2	3	–	7	–	2 310
1,000 to 9,999 lb	S	S	63	.4	115	.5	1 940
10,000 to 49,999 lb	5 972	62.7	4 068	25.5	7 921	37.5	1 920
50,000 to 99,999 lb	243	2.6	642	4.0	377	1.8	564
100,000 lb or more	1 064	11.2	S	S	S	S	1 322
Truck and water	**5 036**	**100.0**	**3 811**	**100.0**	**5 345**	**100.0**	**1 155**
Less than 50 lb	107	2.1	2	–	S	S	1 309
50 to 99 lb	109	2.2	4	.1	S	S	1 568
100 to 499 lb	302	6.0	45	1.2	28	.5	607
500 to 749 lb	232	4.6	21	.6	27	.5	1 268
750 to 999 lb	132	2.6	22	.6	34	.6	1 555
1,000 to 9,999 lb	1 964	39.0	332	8.7	461	8.6	1 348
10,000 to 49,999 lb	1 903	37.8	1 975	51.8	3 334	62.4	1 568
50,000 to 99,999 lb	145	2.9	S	S	473	8.8	589
100,000 lb or more	144	2.9	633	16.6	979	18.3	2 085

See footnotes at end of table.

Table 4. **Shipment Characteristics by Mode of Transportation and Shipment Size for the Region: 1997**—Con.

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

Mode of transportation and shipment size	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
Multiple modes—Con.							
Rail and water	**220**	**100.0**	**27 109**	**100.0**	**39 399**	**100.0**	**1 606**
Less than 50 lb	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–
1,000 to 9,999 lb	–	–	–	–	–	–	–
10,000 to 49,999 lb	S	S	S	S	S	S	2 196
50,000 to 99,999 lb	S	S	S	S	S	S	1 158
100,000 lb or more	195	88.7	27 069	99.9	39 342	99.9	1 622
Other multiple modes	**S**	**S**	**S**	**S**	**457**	**100.0**	**S**
Less than 50 lb	S	S	S	S	S	S	11
50 to 99 lb	S	S	S	S	S	S	7
100 to 499 lb	S	S	–	–	S	S	436
500 to 749 lb	S	S	S	S	S	S	17
750 to 999 lb	S	S	S	S	S	S	10
1,000 to 9,999 lb	4	.6	8	.4	S	S	S
10,000 to 49,999 lb	63	9.0	140	6.4	312	68.2	1 997
50,000 to 99,999 lb	S	S	S	S	S	S	9
100,000 lb or more	S	S	S	S	144	31.5	259
Other and unknown modes	**72 253**	**100.0**	**122 811**	**100.0**	**25 140**	**100.0**	**259**
Less than 50 lb	9 284	12.8	237	.2	32	.1	226
50 to 99 lb	3 446	4.8	177	.1	18	–	96
100 to 499 lb	7 374	10.2	770	.6	81	.3	104
500 to 749 lb	1 737	2.4	282	.2	S	S	349
750 to 999 lb	633	.9	202	.2	24	.1	118
1,000 to 9,999 lb	21 163	29.3	7 414	6.0	6 976	27.7	948
10,000 to 49,999 lb	15 750	21.8	16 304	13.3	7 619	30.3	525
50,000 to 99,999 lb	1 972	2.7	6 341	5.2	2 055	8.2	337
100,000 lb or more	10 895	15.1	91 084	74.2	8 229	32.7	675

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons. Some unpublished estimates can be derived from other data published in this table. However, figures obtained in this manner are subject to these same limitations.

[1]"Truck" as a single mode includes shipments which went by private truck only, for-hire truck only, or a combination of private truck and for-hire truck.
[2]CFS data for pipeline exclude most shipments of crude oil. See "Mileage Calculations" section for details of CFS coverage.

Table 5. **Shipment Characteristics by Two-Digit Commodity for the Region: 1997**

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

SCTG code	Commodity description	Value		Tons		Ton-miles		Average miles per shipment
		Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
	All commodities	**1 367 369**	**100.0**	**2 101 462**	**100.0**	**717 301**	**100.0**	**605**
01	Live animals and live fish	S	S	S	S	S	S	1 107
02	Cereal grains	10 055	.7	74 700	3.6	11 617	1.6	148
03	Other agricultural products	27 514	2.0	31 750	1.5	22 561	3.1	284
04	Animal feed and products of animal origin, n.e.c.	9 001	.7	31 114	1.5	5 687	.8	174
05	Meat, fish, seafood, and their preparations	37 521	2.7	13 744	.7	5 266	.7	102
06	Milled grain products and preparations, and bakery products	19 321	1.4	16 602	.8	6 747	.9	98
07	Other prepared foodstuffs and fats and oils	60 399	4.4	74 454	3.5	28 332	3.9	86
08	Alcoholic beverages	26 774	2.0	24 246	1.2	15 560	2.2	140
09	Tobacco products	2 666	.2	191	–	29	–	587
10	Monumental or building stone	456	–	1 814	–	150	–	S
11	Natural sands	704	–	66 334	3.2	2 720	.4	47
12	Gravel and crushed stone	2 161	.2	301 228	14.3	9 965	1.4	30
13	Nonmetallic minerals n.e.c.	1 786	.1	18 236	.9	10 552	1.5	306
14	Metallic ores and concentrates	6 233	.5	12 218	.6	2 139	.3	292
15	Coal	4 987	.4	401 966	19.1	346 957	48.4	S
17	Gasoline and aviation turbine fuel	55 026	4.0	193 333	9.2	18 562	2.6	71
18	Fuel oils	19 098	1.4	81 760	3.9	10 518	1.5	43
19	Coal and petroleum products, n.e.c.	10 499	.8	86 898	4.1	24 844	3.5	52
20	Basic chemicals	13 304	1.0	38 463	1.8	22 149	3.1	650
21	Pharmaceutical products	31 858	2.3	1 086	–	688	.1	917
22	Fertilizers	4 108	.3	27 911	1.3	9 855	1.4	104
23	Chemical products and preparations, n.e.c.	34 121	2.5	12 446	.6	6 090	.8	339
24	Plastics and rubber	31 793	2.3	9 405	.4	4 513	.6	539
25	Logs and other wood in the rough	7 341	.5	107 582	5.1	7 831	1.1	65
26	Wood products	36 013	2.6	83 250	4.0	39 190	5.5	271
27	Pulp, newsprint, paper, and paperboard	14 163	1.0	18 616	.9	10 635	1.5	202
28	Paper or paperboard articles	17 835	1.3	18 536	.9	4 861	.7	388
29	Printed products	33 211	2.4	12 936	.6	3 768	.5	450
30	Textiles, leather, and articles of textiles or leather	68 663	5.0	4 989	.2	3 676	.5	1 358
31	Nonmetallic mineral products	20 855	1.5	181 652	8.6	18 648	2.6	320
32	Base metal in primary or semifinished forms and in finished basic shapes	38 191	2.8	29 600	1.4	14 712	2.1	390
33	Articles of base metal	36 646	2.7	14 161	.7	7 826	1.1	441
34	Machinery	54 232	4.0	4 737	.2	3 993	.6	449
35	Electronic and other electrical equipment and components and office equipment	284 101	20.8	7 030	.3	6 876	1.0	861
36	Motorized and other vehicles (including parts)	49 615	3.6	6 310	.3	3 756	.5	413
37	Transportation equipment, n.e.c.	67 711	5.0	715	–	457	–	829
38	Precision instruments and apparatus	42 897	3.1	593	–	545	–	1 312
39	Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	16 890	1.2	3 050	.1	2 349	.3	666
40	Miscellaneous manufactured products	101 666	7.4	15 041	.7	8 687	1.2	1 307
41	Waste and scrap	5 714	.4	36 630	1.7	9 155	1.3	160
43	Mixed freight	53 990	3.9	27 044	1.3	3 207	.4	366
--	Commodity unknown	7 765	.6	8 631	.4	1 499	.2	506

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons. Some unpublished estimates can be derived from other data published in this table. However, figures obtained in this manner are subject to these same limitations.

Note: Data exclude shipments of SCTG 16, Crude Petroleum. See the section "Industry Coverage" for additional information.

Table 6. **Shipment Characteristics by Three-Digit Commodity for the Region: 1997**

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

SCTG code	Commodity description	Value		Tons		Ton-miles		Average miles per shipment
		Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
	All commodities	**1 367 369**	**100.0**	**2 101 462**	**100.0**	**717 301**	**100.0**	**605**
010	Live animals and live fish	S	S	S	S	S	S	1 107
021	Wheat	5 285	.4	37 968	1.8	8 072	1.1	171
022	Corn, except sweet	3 746	.3	30 364	1.4	1 072	.1	142
029	Other cereal grains	1 025	–	6 369	.3	2 473	.3	136
031	Fresh or chilled potatoes (Irish potatoes), except sweet	1 820	.1	4 322	.2	2 299	.3	S
032	Fresh or chilled edible vegetables, except potatoes (Irish potatoes), and dried vegetables	8 276	.6	9 647	.5	6 204	.9	118
033	Fresh, chilled, or dried edible fruit and nuts	9 849	.7	9 888	.5	8 631	1.2	286
034	Soya beans	S	S	S	S	14	–	S
035	Oil seeds and nuts, except olives and soya beans	218	–	477	–	77	–	129
036	Bulbs, live plants, and seeds for sowing, n.e.c.	2 237	.2	1 340	–	1 450	.2	618
039	Fresh-cut flowers, plants, and parts of plants, and other agricultural products, except forage products and cereal straw or husks	4 622	.3	4 039	.2	3 886	.5	447
041	Cereal straw or husks, forage products, residues and waste from the food industries used in animal feeding, and eggs and other products of animal origin, n.e.c.	2 110	.2	9 846	.5	2 395	.3	114
042	Animal feed preparations	6 891	.5	21 268	1.0	3 292	.5	184
051	Meat including poultry, except preparations	23 621	1.7	10 712	.5	3 451	.5	105
052	Fish, except live, and seafood, except preparations	12 552	.9	2 530	.1	1 538	.2	94
053	Preparations, extracts, and juices of meat, fish, or seafood	1 347	.1	502	–	277	–	161
061	Wheat flour, groats, and meal	1 201	–	4 198	.2	876	.1	131
062	Malt, starches, inulin, wheat gluten, and milled or otherwise worked grains, except wheat flour, groats, and meal	1 459	.1	2 605	.1	2 293	.3	S
063	Food preparations of cereals, flour, starch, or milk	4 536	.3	2 877	.1	1 649	.2	283
064	Bakery products	12 124	.9	6 922	.3	1 928	.3	S
071	Dairy products, except chocolate milk, eggnog, and food preparations of milk	16 852	1.2	22 099	1.1	5 210	.7	78
072	Processed or prepared vegetables, fruit, or nuts, except dried or milled, and juices	16 451	1.2	13 917	.7	13 396	1.9	234
073	Coffee, tea, and spices, except unprocessed coffee and unfermented tea	2 504	.2	497	–	299	–	357
074	Animal or vegetable fats and oils and their cleavage products, prepared edible fats, animal or vegetable waxes, and flours and meals	1 664	.1	2 406	.1	709	.1	166
075	Cane, beet, and other sugars in solid form, sugar syrups not containing added flavoring or coloring matter, and molasses	1 969	.1	3 723	.2	2 838	.4	315
076	Confectionery, cocoa, and cocoa preparations	2 628	.2	741	–	296	–	137
077	Edible preparations, n.e.c. and vinegar	7 872	.6	4 408	.2	3 674	.5	344
078	Nonalcoholic beverages, n.e.c. and ice	10 459	.8	26 663	1.3	1 911	.3	S
081	Malt Beer	12 783	.9	18 172	.9	10 285	1.4	41
082	Wine and other fermented beverages	9 708	.7	4 879	.2	4 959	.7	471
083	Spirituous beverages and ethyl alcohol	4 282	.3	1 194	–	S	S	77
090	Tobacco products	2 666	.2	191	–	29	–	587
100	Monumental or building stone, except dolomite	456	–	1 814	–	150	–	S
110	Natural sands, except metal-bearing	704	–	66 334	3.2	2 720	.4	47
120	Gravel and crushed stone, except dolomite and slate	2 161	.2	301 228	14.3	9 965	1.4	30
131	Salt	S	S	S	S	S	S	279
132	Natural calcium phosphates, natural aluminum-calcium phosphates, and phosphatic chalk	S	S	S	S	S	S	S
133	Dolomite	48	–	1 563	–	126	–	62
139	Other nonmetallic minerals	865	–	11 061	.5	8 587	1.2	385
141	Iron ores and concentrates	2	–	S	S	S	S	58
149	Other metallic ores and concentrates	6 231	.5	12 130	.6	2 131	.3	318
151	Nonagglomerated bituminous coal	4 936	.4	398 626	19.0	346 938	48.4	S
159	Other coal	S	S	S	S	S	S	19
171	Gasoline	50 801	3.7	173 429	8.3	17 568	2.4	71
172	Aviation turbine fuel (types A and B)	4 224	.3	19 905	.9	993	.1	70
180	Fuel oils	19 098	1.4	81 760	3.9	10 518	1.5	43
191	Lubricating oils and greases	3 174	.2	4 515	.2	S	S	51
192	Refined petroleum oils and oils obtained from bituminous minerals, n.e.c.	1 053	–	6 153	.3	745	.1	27
193	Gaseous hydrocarbons	1 735	.1	5 578	.3	1 096	.2	S
199	Other products of petroleum refining, and coal products	4 537	.3	70 652	3.4	21 808	3.0	107
201	Sodium hydroxide (caustic soda) and potassium hydroxide (caustic potash)	520	–	2 626	.1	1 629	.2	188
202	Inorganic chemicals, n.e.c.	6 461	.5	33 415	1.6	19 004	2.6	184
203	Cyclic hydrocarbons	32	–	32	–	S	S	S
204	Phenols, phenol-alcohols, aldehydes, cyclic polymers of aldehydes, paraformaldehyde, ketones, quinones, organic acids, and acyclic alcohols	637	–	804	–	406	–	516
205	Organic chemicals, n.e.c.	5 654	.4	1 585	–	1 093	.2	1 030
210	Pharmaceutical products	31 858	2.3	1 086	–	688	.1	917
220	Fertilizers and fertilizer materials	4 108	.3	27 911	1.3	9 855	1.4	104
231	Paints and varnishes, tanning or dyeing extracts, tannins and their derivatives, dyes, putty and other mastics, inks, and coloring matter, except pigments and synthetic organic dyes, lakes, and toners	6 662	.5	2 739	.1	1 103	.2	293
232	Essential oils and resinoids, and perfumery, cosmetic, or toilet preparations	7 502	.5	723	–	513	–	460
233	Soap, organic surface-active agents, cleaning preparations, polishes and creams, and scouring preparations	4 369	.3	4 390	.2	2 137	.3	217
234	Photographic film, plates, paper, paperboard, or textiles, and chemical preparations for photographic use	6 552	.5	273	–	198	–	397
235	Insecticides, rodenticides, fungicides, herbicides, antisprouting products, plant-growth regulators, disinfectants, and similar products, in packages for retail sale or as preparations or articles	4 126	.3	938	–	339	–	75
239	Other chemical products and preparations	4 910	.4	3 384	.2	1 800	.3	310
241	Plastics in primary forms, rubber in primary forms or sheets, and unvulcanized compounded rubber	2 044	.1	1 167	–	406	–	231
242	Manmade fibers and plastics basic shapes and articles	23 332	1.7	6 377	.3	3 445	.5	567

See footnotes at end of table.

Table 6. **Shipment Characteristics by Three-Digit Commodity for the Region: 1997**—Con.

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

SCTG code	Commodity description	Value		Tons		Ton-miles		Average miles per shipment
		Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
	All commodities—Con.							
243	Rubber articles	6 417	.5	1 862	–	662	–	486
250	Logs and other wood in the rough	7 341	.5	107 582	5.1	7 831	1.1	65
261	Wood chips or particles	871	–	21 317	1.0	2 953	.4	S
262	Lumber, wood continuously shaped along any of its edges or faces, and shingles and shakes	19 763	1.4	38 041	1.8	21 199	3.0	240
263	Veneer sheets and sheets for plywood, particle board, fiberboard, plywood, veneered panels, and similar boards of ligneous material or laminated wood	8 417	.6	16 718	.8	12 499	1.7	297
264	Builders' joinery and carpentry of wood, except shingles and shakes	4 282	.3	1 802	–	1 036	.1	225
269	Other wood products	2 679	.2	5 373	.3	1 503	.2	472
271	Pulp of fibrous cellulosic materials	571	–	1 174	–	552	–	379
272	Newsprint in large rolls or sheets	2 050	.1	3 120	.1	2 163	.3	219
273	Uncoated paper and paperboard in large rolls or sheets	7 740	.6	11 446	.5	6 803	.9	114
274	Coated, impregnated, treated, or worked paper and paperboard, in large rolls or sheets	3 802	.3	2 877	.1	1 116	.2	324
280	Paper or paperboard articles	17 835	1.3	18 536	.9	4 861	.7	388
291	Printed books, brochures, leaflets, and similar printed products	10 229	.7	992	–	689	.1	992
292	Newspapers, journals, and periodicals	10 569	.8	8 908	.4	713	.1	130
293	Advertising material, commercial or trade catalogues, and similar printed products	5 273	.4	2 037	.1	1 792	.2	1 025
299	Other printed products	7 141	.5	1 000	–	573	–	787
301	Textile fibers, yarns, and broadwoven or knitted fabrics, except coated or treated	4 333	.3	565	–	232	–	1 012
302	Textile clothing and accessories, and headgear, except safety	44 633	3.3	1 783	–	1 864	.3	1 513
303	Textiles and textile articles, n.e.c.	13 132	1.0	2 306	.1	1 059	.1	1 006
304	Footwear	4 276	.3	196	–	S	S	1 591
305	Leather and articles, luggage of related materials, and dressed furskins and articles	2 288	.2	140	–	171	–	1 223
311	Hydraulic cements	1 744	.1	28 265	1.3	3 863	.5	91
312	Ceramic products	2 123	.2	1 727	–	1 125	.2	864
313	Glass and glass products	5 699	.4	6 446	.3	1 453	.2	418
319	Other nonmetallic mineral products	11 290	.8	145 214	6.9	12 207	1.7	81
321	Iron and steel in primary forms, in semifinished forms, or in powders or granules, and ferroalloys	2 157	.2	1 534	–	643	–	183
322	Flat-rolled products of iron or steel	7 265	.5	9 184	.4	2 020	.3	173
323	Bars, rods, angles, shapes, sections, and wire, of iron or steel	8 455	.6	10 139	.5	5 087	.7	286
324	Nonferrous metal, except precious, in unwrought forms, in finished basic shapes, or in powders or granules	20 314	1.5	8 743	.4	6 962	1.0	622
331	Pipes, tubes, and fittings	7 920	.6	4 632	.2	2 129	.3	174
332	Structures and parts, except prefabricated buildings	7 380	.5	3 139	.1	2 072	.3	428
333	Handtools, cutlery, except of precious metals, interchangeable tools for hand- or machine-tools, hardware, and industrial fasteners	12 392	.9	2 214	.1	1 715	.2	540
339	Other articles of metal	8 955	.7	4 176	.2	1 910	.3	404
341	Internal-combustion piston engines	5 182	.4	482	–	308	–	356
342	Turbines, boilers, nuclear reactors, and nonelectric engines and motors, except internal-combustion piston engines	4 111	.3	78	–	52	–	479
343	Pumps, compressors, and fans, and ventilating or recycling hoods incorporating a fan	6 209	.5	377	–	320	–	482
344	Air-conditioning, refrigerating, or freezing equipment	3 755	.3	479	–	364	–	159
345	Materials-handling, excavating, boring, and related machinery and equipment	6 961	.5	1 010	–	534	–	381
349	Other machinery	28 014	2.0	2 311	.1	2 415	.3	528
351	Electric motors, generators, generating sets, rotary converters, transformers, static converters, and inductors	4 884	.4	323	–	220	–	423
352	Electric cooking appliances and other electrothermic or electromechanical domestic appliances	2 173	.2	194	–	121	–	463
353	Line telephone or telegraph apparatus	30 100	2.2	448	–	706	.1	1 194
354	Electronic entertainment products, except parts	17 460	1.3	1 388	–	S	S	1 417
355	Computer and office equipment	94 176	6.9	1 250	–	1 394	.2	1 164
356	Prepared unrecorded or prerecorded media	10 812	.8	251	–	267	–	1 191
357	Transmission apparatus for radio or television broadcasting, radio transmission and reception apparatus, radar apparatus, radio navigational-aid apparatus, and radio remote-control apparatus, except radio broadcast receivers and parts	4 257	.3	36	–	36	–	1 009
358	Electronic components and parts	73 931	5.4	378	–	322	–	1 160
359	Other electronic and electrical equipment	46 311	3.4	2 761	.1	1 281	.2	358
361	Motor vehicles for the transport of less than 10 people, except motorcycles, armored fighting vehicles, snowmobiles, golf carts and similar vehicles, and parts	4 811	.4	580	–	85	–	394
362	Motor vehicles for the transport of goods and road tractors for semitrailers, except parts	4 684	.3	616	–	596	–	S
363	Other vehicles	8 451	.6	1 239	–	696	.1	1 124
364	Parts and accessories for motor vehicles, except motorcycles and armored fighting vehicles	31 670	2.3	3 875	.2	2 379	.3	344
371	Locomotives and rolling stock, railway track fixtures and fittings, mechanical or electromechanical traffic-signalling equipment, and intermodal containers	678	–	392	–	S	S	1 852
372	Aircraft and spacecraft	65 002	4.8	181	–	173	–	795
373	Ships, boats, and floating structures	2 030	.1	142	–	164	–	858
381	Optical elements, instruments, and apparatus, except photographic and photocopying equipment and optical instruments and apparatus for measuring or checking	4 312	.3	29	–	32	–	1 285
382	Photographic and photocopying machines	6 441	.5	215	–	160	–	975
383	Surveying, hydrographic, oceanographic, hydrological, geophysical, drawing, or length-measuring instruments and appliances, and navigational and meteorological instruments and appliances, except radar and other radio-type apparatus	2 437	.2	13	–	14	–	1 016
384	Instruments, apparatus, and appliances for medical, surgical, dental, or veterinary sciences, or for similar purposes	14 562	1.1	235	–	221	–	1 488
385	Meters and other instruments and apparatus for measuring, checking, testing, or controlling	15 145	1.1	101	–	117	–	1 074

See footnotes at end of table.

Table 6. **Shipment Characteristics by Three-Digit Commodity for the Region: 1997**—Con.

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

SCTG code	Commodity description	Value		Tons		Ton-miles		Average miles per shipment
		Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
	All commodities—Con.							
390	Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	16 890	1.2	3 050	.1	2 349	.3	666
401	Arms and ammunition	868	–	42	–	46	–	1 098
402	Toys, games, and sporting equipment	S	S	S	S	1 492	.2	1 804
409	Miscellaneous manufactured products	62 295	4.6	11 911	.6	7 148	1.0	1 195
411	Metallic waste and scrap	3 923	.3	18 018	.9	4 168	.6	162
412	Nonmetallic waste and scrap, except from food processing	1 791	.1	18 611	.9	4 987	.7	159
439	Mixed freight	53 990	3.9	27 044	1.3	3 207	.4	366
—	Commodity unknown	7 765	.6	8 631	.4	1 499	.2	506

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons. Some unpublished estimates can be derived from other data published in this table. However, figures obtained in this manner are subject to these same limitations.

Note: Data exclude shipments of SCTG 160, Crude Petroleum. See the section "Industry Coverage" for additional information.

Table 7. Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
ALL COMMODITIES							
Total	**1 367 369**	**100.0**	**2 101 462**	**100.0**	**717 301**	**100.0**	**605**
Single modes	**1 060 636**	**77.6**	**1 924 772**	**91.6**	**620 524**	**86.5**	**226**
Truck[1]	883 166	64.6	1 336 702	63.6	180 362	25.1	162
For-hire truck	441 685	32.3	483 973	23.0	126 582	17.6	754
Private truck	433 529	31.7	789 510	37.6	50 122	7.0	53
Rail	36 582	2.7	421 572	20.1	412 924	57.6	1 202
Water	11 178	.8	65 778	3.1	17 451	2.4	860
Shallow draft	3 853	.3	27 466	1.3	3 806	.5	231
Great Lakes	–	–	–	–	–	–	–
Deep draft	7 325	.5	38 311	1.8	13 645	1.9	946
Air (includes truck and air)	108 616	7.9	1 675	–	2 884	.4	1 850
Pipeline[2]	21 094	1.5	99 045	4.7	S	S	S
Multiple modes	**234 480**	**17.1**	**53 880**	**2.6**	**71 638**	**10.0**	**1 029**
Parcel, U.S. Postal Service or courier	219 001	16.0	4 815	.2	5 293	.7	1 028
Truck and rail	9 525	.7	S	S	21 144	2.9	1 847
Truck and water	5 036	.4	3 811	.2	5 345	.7	1 155
Rail and water	220	–	27 109	1.3	39 399	5.5	1 606
Other multiple modes	S	S	S	S	457	–	S
Other and unknown modes	**72 253**	**5.3**	**122 811**	**5.8**	**25 140**	**3.5**	**259**
SCTG 01, LIVE ANIMALS AND LIVE FISH							
Total	**S**	**S**	**S**	**S**	**S**	**S**	**1 107**
Single modes	**S**	**S**	**143**	**31.1**	**S**	**S**	**1 187**
Truck[1]	238	48.8	122	26.5	S	S	S
For-hire truck	S	S	S	S	S	S	914
Private truck	S	S	S	S	5	3.6	S
Rail	–	–	–	–	–	–	–
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	1 795
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**261**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	261
Truck and rail	–	–	–	–	–	–	–
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**32**
SCTG 02, CEREAL GRAINS							
Total	**10 055**	**100.0**	**74 700**	**100.0**	**11 617**	**100.0**	**148**
Single modes	**5 990**	**59.6**	**43 828**	**58.7**	**10 033**	**86.4**	**135**
Truck[1]	1 978	19.7	13 937	18.7	2 398	20.6	115
For-hire truck	991	9.9	6 943	9.3	1 559	13.4	277
Private truck	853	8.5	5 933	7.9	S	S	53
Rail	849	8.4	5 971	8.0	4 892	42.1	776
Water	3 163	31.5	23 920	32.0	2 743	23.6	258
Shallow draft	2 101	20.9	15 972	21.4	2 731	23.5	272
Great Lakes	–	–	–	–	–	–	–
Deep draft	1 063	10.6	7 948	10.6	13	.1	115
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**180**	**1.8**	**1 261**	**1.7**	**808**	**7.0**	**939**
Parcel, U.S. Postal Service or courier	S	S	1	–	S	S	1 702
Truck and rail	81	.8	S	S	514	4.4	1 647
Truck and water	S	S	S	S	S	S	448
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**3 885**	**38.6**	**29 610**	**39.6**	**775**	**6.7**	**S**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 03, OTHER AGRICULTURAL PRODUCTS							
Total	**27 514**	**100.0**	**31 750**	**100.0**	**22 561**	**100.0**	**284**
Single modes	**24 783**	**90.1**	**27 874**	**87.8**	**18 652**	**82.7**	**169**
Truck[1]	23 518	85.5	26 092	82.2	16 378	72.6	120
For-hire truck	13 237	48.1	14 326	45.1	13 332	59.1	985
Private truck	10 130	36.8	11 444	36.0	2 981	13.2	46
Rail	645	2.3	781	2.5	1 903	8.4	2 504
Water	S	S	S	S	S	S	385
Shallow draft	S	S	S	S	S	S	118
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	390
Air (includes truck and air)	360	1.3	154	.5	S	S	2 678
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**931**	**3.4**	**512**	**1.6**	**1 269**	**5.6**	**1 733**
Parcel, U.S. Postal Service or courier	249	.9	15	–	S	S	1 720
Truck and rail	547	2.0	408	1.3	1 019	4.5	2 482
Truck and water	135	.5	88	.3	223	1.0	1 906
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**1 801**	**6.5**	**3 365**	**10.6**	**2 641**	**11.7**	**1 158**
SCTG 04, ANIMAL FEED AND PRODUCTS OF ANIMAL ORIGIN, N.E.C.							
Total	**9 001**	**100.0**	**31 114**	**100.0**	**5 687**	**100.0**	**174**
Single modes	**8 026**	**89.2**	**29 607**	**95.2**	**5 036**	**88.5**	**136**
Truck[1]	7 831	87.0	28 664	92.1	4 347	76.4	134
For-hire truck	3 012	33.5	10 232	32.9	2 959	52.0	642
Private truck	4 332	48.1	15 469	49.7	1 084	19.1	46
Rail	169	1.9	851	2.7	624	11.0	726
Water	S	S	S	S	S	S	369
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	369
Air (includes truck and air)	S	S	S	S	S	S	769
Pipeline[2]	1	–	18	–	S	S	S
Multiple modes	**292**	**3.2**	**212**	**.7**	**408**	**7.2**	**1 284**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	1 273
Truck and rail	139	1.5	94	.3	132	2.3	1 445
Truck and water	S	S	S	S	S	S	2 028
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	2 956
Other and unknown modes	**S**	**S**	**1 295**	**4.2**	**244**	**4.3**	**S**
SCTG 05, MEAT, FISH, SEAFOOD, AND THEIR PREPARATIONS							
Total	**37 521**	**100.0**	**13 744**	**100.0**	**5 266**	**100.0**	**102**
Single modes	**35 707**	**95.2**	**13 248**	**96.4**	**4 791**	**91.0**	**88**
Truck[1]	34 512	92.0	12 700	92.4	4 009	76.1	67
For-hire truck	12 804	34.1	4 309	31.4	3 130	59.4	661
Private truck	21 089	56.2	8 222	59.8	868	16.5	41
Rail	S	S	S	S	S	S	1 132
Water	806	2.1	462	3.4	S	S	1 356
Shallow draft	S	S	78	.6	S	S	149
Great Lakes	–	–	–	–	–	–	–
Deep draft	623	1.7	S	S	S	S	1 630
Air (includes truck and air)	368	1.0	56	.4	105	2.0	1 819
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**658**	**1.8**	**168**	**1.2**	**251**	**4.8**	**1 125**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	1 141
Truck and rail	S	S	S	S	S	S	522
Truck and water	453	1.2	135	1.0	S	S	1 082
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	30
Other and unknown modes	**1 156**	**3.1**	**328**	**2.4**	**S**	**S**	**S**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 06, MILLED GRAIN PRODUCTS AND PREPARATIONS, AND BAKERY PRODUCTS							
Total	**19 321**	**100.0**	**16 602**	**100.0**	**6 747**	**100.0**	**98**
Single modes	**18 675**	**96.7**	**16 076**	**96.8**	**6 190**	**91.7**	**76**
Truck[1]	18 189	94.1	15 215	91.6	4 707	69.8	73
For-hire truck	6 254	32.4	7 255	43.7	3 444	51.0	366
Private truck	11 843	61.3	7 789	46.9	1 197	17.7	44
Rail	437	2.3	788	4.7	1 433	21.2	2 077
Water	29	.2	S	S	33	.5	2 123
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	29	.2	S	S	33	.5	2 123
Air (includes truck and air)	13	–	10	–	S	S	878
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**257**	**1.3**	**263**	**1.6**	**485**	**7.2**	**1 064**
Parcel, U.S. Postal Service or courier	46	.2	7	–	7	.1	1 052
Truck and rail	150	.8	174	1.0	291	4.3	1 754
Truck and water	59	.3	81	.5	185	2.7	1 032
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	2 722
Other and unknown modes	**389**	**2.0**	**263**	**1.6**	**71**	**1.1**	**S**
SCTG 07, OTHER PREPARED FOODSTUFFS AND FATS AND OILS							
Total	**60 399**	**100.0**	**74 454**	**100.0**	**28 332**	**100.0**	**86**
Single modes	**56 939**	**94.3**	**71 903**	**96.6**	**25 298**	**89.3**	**62**
Truck[1]	54 019	89.4	67 160	90.2	17 186	60.7	58
For-hire truck	21 390	35.4	21 634	29.1	12 578	44.4	663
Private truck	32 499	53.8	45 309	60.9	4 570	16.1	32
Rail	2 680	4.4	3 855	5.2	8 011	28.3	2 164
Water	S	S	S	S	S	S	S
Shallow draft	S	S	S	S	S	S	21
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	S
Air (includes truck and air)	66	.1	16	–	37	.1	1 877
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**2 295**	**3.8**	**1 340**	**1.8**	**2 651**	**9.4**	**1 027**
Parcel, U.S. Postal Service or courier	363	.6	36	–	34	.1	1 013
Truck and rail	S	S	632	.8	1 589	5.6	2 536
Truck and water	534	.9	646	.9	906	3.2	812
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	2 979
Other and unknown modes	**1 165**	**1.9**	**1 211**	**1.6**	**383**	**1.4**	**S**
SCTG 08, ALCOHOLIC BEVERAGES							
Total	**26 774**	**100.0**	**24 246**	**100.0**	**15 560**	**100.0**	**140**
Single modes	**25 118**	**93.8**	**23 021**	**95.0**	**13 404**	**86.1**	**95**
Truck[1]	22 742	84.9	17 650	72.8	4 788	30.8	53
For-hire truck	7 584	28.3	5 804	23.9	3 965	25.5	405
Private truck	15 149	56.6	11 842	48.8	819	5.3	39
Rail	2 335	8.7	5 358	22.1	8 580	55.1	1 641
Water	S	S	S	S	S	S	2 764
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	2 764
Air (includes truck and air)	S	S	S	S	S	S	3 022
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**1 361**	**5.1**	**919**	**3.8**	**1 961**	**12.6**	**798**
Parcel, U.S. Postal Service or courier	S	S	45	.2	S	S	744
Truck and rail	1 013	3.8	723	3.0	1 733	11.1	2 347
Truck and water	187	.7	150	.6	S	S	908
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	62
Other and unknown modes	**295**	**1.1**	**305**	**1.3**	**S**	**S**	**553**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 09, TOBACCO PRODUCTS							
Total	**2 666**	**100.0**	**191**	**100.0**	**29**	**100.0**	**587**
Single modes	**2 330**	**87.4**	**182**	**95.0**	**21**	**71.9**	**238**
Truck[1]	2 300	86.3	181	94.6	20	68.8	208
For-hire truck	127	4.8	4	2.1	3	11.6	1 001
Private truck	2 173	81.5	177	92.6	17	57.2	77
Rail	–	–	–	–	–	–	–
Water	S	S	S	S	S	S	50
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	50
Air (includes truck and air)	S	S	S	S	S	S	1 686
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**1 231**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	1 231
Truck and rail	–	–	–	–	–	–	–
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**56**	**2.1**	**S**	**S**	**S**	**S**	**81**
SCTG 10, MONUMENTAL OR BUILDING STONE							
Total	**456**	**100.0**	**1 814**	**100.0**	**150**	**100.0**	**S**
Single modes	**328**	**71.8**	**1 777**	**98.0**	**148**	**98.5**	**59**
Truck[1]	327	71.5	1 771	97.6	143	94.9	59
For-hire truck	45	9.8	444	24.5	43	28.7	S
Private truck	S	S	S	S	S	S	54
Rail	S	S	S	S	S	S	604
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**259**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	305
Truck and rail	–	–	–	–	–	–	–
Truck and water	S	S	S	S	S	S	22
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**534**
SCTG 11, NATURAL SANDS							
Total	**704**	**100.0**	**66 334**	**100.0**	**2 720**	**100.0**	**47**
Single modes	**696**	**98.8**	**65 745**	**99.1**	**2 618**	**96.2**	**46**
Truck[1]	669	95.0	62 342	94.0	2 239	82.3	42
For-hire truck	258	36.7	18 273	27.5	669	24.6	S
Private truck	346	49.1	30 937	46.6	1 235	45.4	40
Rail	16	2.2	576	.9	290	10.7	553
Water	S	S	S	S	S	S	30
Shallow draft	S	S	S	S	S	S	30
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	1 078
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**838**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	1 289
Truck and rail	S	S	S	S	S	S	2 244
Truck and water	S	S	S	S	S	S	318
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**8**	**1.1**	**S**	**S**	**99**	**3.6**	**175**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 12, GRAVEL AND CRUSHED STONE							
Total	**2 161**	**100.0**	**301 228**	**100.0**	**9 965**	**100.0**	**30**
Single modes	**2 104**	**97.4**	**293 818**	**97.5**	**9 822**	**98.6**	**31**
Truck[1]	2 056	95.1	286 366	95.1	8 811	88.4	30
For-hire truck	664	30.7	100 394	33.3	3 097	31.1	30
Private truck	1 234	57.1	159 211	52.9	4 709	47.3	30
Rail	S	S	3 672	1.2	S	S	284
Water	S	S	S	S	S	S	97
Shallow draft	S	S	S	S	S	S	103
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	16
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**S**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	1 230
Truck and rail	S	S	S	S	S	S	49
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**55**	**2.6**	**7 243**	**2.4**	**S**	**S**	**15**
SCTG 13, NONMETALLIC MINERALS N.E.C.							
Total	**1 786**	**100.0**	**18 236**	**100.0**	**10 552**	**100.0**	**306**
Single modes	**1 711**	**95.8**	**17 290**	**94.8**	**9 341**	**88.5**	**262**
Truck[1]	1 288	72.1	10 347	56.7	2 881	27.3	190
For-hire truck	475	26.6	4 965	27.2	2 524	23.9	504
Private truck	S	S	5 078	27.8	310	2.9	44
Rail	423	23.7	6 940	38.1	6 458	61.2	1 452
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	1 118
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**42**	**2.3**	**119**	**.7**	**237**	**2.2**	**723**
Parcel, U.S. Postal Service or courier	15	.9	S	S	S	S	594
Truck and rail	26	1.4	106	.6	222	2.1	2 406
Truck and water	S	S	S	S	S	S	1 831
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**33**	**1.9**	**S**	**S**	**S**	**S**	**358**
SCTG 14, METALLIC ORES AND CONCENTRATES							
Total	**6 233**	**100.0**	**12 218**	**100.0**	**2 139**	**100.0**	**292**
Single modes	**5 562**	**89.2**	**11 526**	**94.3**	**1 594**	**74.5**	**247**
Truck[1]	2 998	48.1	1 484	12.1	473	22.1	243
For-hire truck	2 230	35.8	1 166	9.5	420	19.7	512
Private truck	S	S	318	2.6	52	2.5	49
Rail	1 890	30.3	9 164	75.0	1 104	51.6	S
Water	S	S	S	S	S	S	37
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	37
Air (includes truck and air)	44	.7	S	S	S	S	1 562
Pipeline[2]	449	7.2	668	5.5	S	S	S
Multiple modes	**S**	**S**	**164**	**1.3**	**171**	**8.0**	**502**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	447
Truck and rail	177	2.8	163	1.3	171	8.0	1 328
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**217**	**3.5**	**S**	**S**	**S**	**S**	**254**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 15, COAL							
Total	**4 987**	**100.0**	**401 966**	**100.0**	**346 957**	**100.0**	**S**
Single modes	**4 259**	**85.4**	**342 799**	**85.3**	**307 163**	**88.5**	**S**
Truck[1]	457	9.2	26 207	6.5	1 367	.4	78
For-hire truck	263	5.3	12 968	3.2	720	.2	66
Private truck	S	S	S	S	S	S	95
Rail	3 698	74.1	311 313	77.4	304 371	87.7	747
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline[2]	104	2.1	5 279	1.3	S	S	S
Multiple modes	**172**	**3.4**	**27 024**	**6.7**	**39 239**	**11.3**	**1 354**
Parcel, U.S. Postal Service or courier	–	–	–	–	–	–	–
Truck and rail	S	S	S	S	S	S	213
Truck and water	–	–	–	–	–	–	–
Rail and water	172	3.4	27 019	6.7	39 237	11.3	1 457
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**556**	**11.2**	**32 142**	**8.0**	**S**	**S**	**S**
SCTG 17, GASOLINE AND AVIATION TURBINE FUEL							
Total	**55 026**	**100.0**	**193 333**	**100.0**	**18 562**	**100.0**	**71**
Single modes	**54 751**	**99.5**	**192 348**	**99.5**	**18 502**	**99.7**	**73**
Truck[1]	36 547	66.4	113 168	58.5	8 854	47.7	72
For-hire truck	8 804	16.0	26 944	13.9	3 227	17.4	139
Private truck	27 414	49.8	85 170	44.1	5 584	30.1	56
Rail	479	.9	2 085	1.1	774	4.2	400
Water	S	S	S	S	6 436	34.7	485
Shallow draft	S	S	S	S	S	S	250
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	6 110	32.9	659
Air (includes truck and air)	S	S	S	S	S	S	1 006
Pipeline[2]	14 646	26.6	62 855	32.5	S	S	S
Multiple modes	**98**	**.2**	**430**	**.2**	**S**	**S**	**S**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	2 157
Truck and rail	S	S	S	S	S	S	49
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	84	.2	S	S	S	S	S
Other and unknown modes	**176**	**.3**	**555**	**.3**	**22**	**.1**	**S**
SCTG 18, FUEL OILS							
Total	**19 098**	**100.0**	**81 760**	**100.0**	**10 518**	**100.0**	**43**
Single modes	**18 365**	**96.2**	**79 676**	**97.5**	**10 356**	**98.5**	**45**
Truck[1]	12 261	64.2	45 663	55.9	3 160	30.0	42
For-hire truck	3 797	19.9	15 933	19.5	1 703	16.2	117
Private truck	8 402	44.0	29 421	36.0	1 429	13.6	30
Rail	403	2.1	2 619	3.2	2 426	23.1	714
Water	1 014	5.3	6 946	8.5	2 454	23.3	340
Shallow draft	407	2.1	3 000	3.7	137	1.3	65
Great Lakes	–	–	–	–	–	–	–
Deep draft	608	3.2	3 946	4.8	S	S	429
Air (includes truck and air)	S	S	S	S	S	S	248
Pipeline[2]	4 687	24.5	24 446	29.9	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**S**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	974
Truck and rail	S	S	S	S	S	S	147
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	16
Other and unknown modes	**674**	**3.5**	**1 636**	**2.0**	**S**	**S**	**S**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 19, COAL AND PETROLEUM PRODUCTS, N.E.C.							
Total	**10 499**	**100.0**	**86 898**	**100.0**	**24 844**	**100.0**	**52**
Single modes	**9 135**	**87.0**	**74 248**	**85.4**	**13 850**	**55.7**	**44**
Truck[1]	6 962	66.3	53 094	61.1	4 328	17.4	37
For-hire truck	2 843	27.1	27 704	31.9	2 976	12.0	164
Private truck	3 799	36.2	17 237	19.8	1 119	4.5	28
Rail	758	7.2	9 382	10.8	8 588	34.6	825
Water	S	S	S	S	S	S	S
Shallow draft	S	S	S	S	S	S	40
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	S
Air (includes truck and air)	S	S	S	S	S	S	2 365
Pipeline[2]	619	5.9	3 091	3.6	S	S	S
Multiple modes	**388**	**3.7**	**S**	**S**	**S**	**S**	**S**
Parcel, U.S. Postal Service or courier	29	.3	5	–	1	–	S
Truck and rail	S	S	S	S	S	S	340
Truck and water	156	1.5	222	.3	106	.4	S
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	217
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**53**
SCTG 20, BASIC CHEMICALS							
Total	**13 304**	**100.0**	**38 463**	**100.0**	**22 149**	**100.0**	**650**
Single modes	**10 986**	**82.6**	**37 570**	**97.7**	**21 599**	**97.5**	**223**
Truck[1]	8 568	64.4	21 532	56.0	4 008	18.1	183
For-hire truck	4 883	36.7	10 584	27.5	3 097	14.0	769
Private truck	3 646	27.4	10 885	28.3	891	4.0	51
Rail	2 216	16.7	15 351	39.9	17 467	78.9	1 160
Water	S	S	S	S	S	S	1 271
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	1 271
Air (includes truck and air)	S	S	1	–	1	–	1 492
Pipeline[2]	65	.5	625	1.6	S	S	S
Multiple modes	**1 988**	**14.9**	**357**	**.9**	**487**	**2.2**	**1 211**
Parcel, U.S. Postal Service or courier	1 715	12.9	56	.1	55	.2	1 211
Truck and rail	S	S	283	.7	409	1.8	1 621
Truck and water	S	S	18	–	S	S	S
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	657
Other and unknown modes	**329**	**2.5**	**S**	**S**	**S**	**S**	**132**
SCTG 21, PHARMACEUTICAL PRODUCTS							
Total	**31 858**	**100.0**	**1 086**	**100.0**	**688**	**100.0**	**917**
Single modes	**16 777**	**52.7**	**871**	**80.2**	**555**	**80.8**	**295**
Truck[1]	14 461	45.4	820	75.5	441	64.2	107
For-hire truck	4 714	14.8	318	29.3	392	57.1	280
Private truck	9 747	30.6	502	46.2	49	7.1	68
Rail	S	S	S	S	S	S	1 250
Water	S	S	S	S	S	S	1 338
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	1 338
Air (includes truck and air)	2 139	6.7	17	1.6	32	4.7	1 916
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**14 379**	**45.1**	**170**	**15.7**	**98**	**14.2**	**1 056**
Parcel, U.S. Postal Service or courier	14 086	44.2	162	14.9	92	13.4	1 057
Truck and rail	S	S	S	S	S	S	1 596
Truck and water	291	.9	7	.6	S	S	317
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**1 387**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 22, FERTILIZERS							
Total	**4 108**	**100.0**	**27 911**	**100.0**	**9 855**	**100.0**	**104**
Single modes	**3 822**	**93.0**	**25 359**	**90.9**	**9 679**	**98.2**	**103**
Truck[1]	3 125	76.1	19 695	70.6	2 552	25.9	74
For-hire truck	899	21.9	4 896	17.5	1 390	14.1	281
Private truck	2 224	54.1	14 791	53.0	1 161	11.8	46
Rail	643	15.7	4 992	17.9	5 487	55.7	1 110
Water	S	S	S	S	S	S	S
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	S
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**73**	**.3**	**98**	**1.0**	**346**
Parcel, U.S. Postal Service or courier	–	–	–	–	–	–	S
Truck and rail	–	–	–	–	–	–	–
Truck and water	S	S	73	.3	98	1.0	1 273
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**265**	**6.5**	**S**	**S**	**S**	**S**	**67**
SCTG 23, CHEMICAL PRODUCTS AND PREPARATIONS, N.E.C.							
Total	**34 121**	**100.0**	**12 446**	**100.0**	**6 090**	**100.0**	**339**
Single modes	**27 589**	**80.9**	**11 658**	**93.7**	**5 570**	**91.5**	**170**
Truck[1]	26 795	78.5	10 886	87.5	4 273	70.2	147
For-hire truck	15 977	46.8	6 586	52.9	3 829	62.9	517
Private truck	10 736	31.5	4 282	34.4	439	7.2	45
Rail	214	.6	319	2.6	698	11.5	2 137
Water	S	S	S	S	S	S	856
Shallow draft	S	S	S	S	S	S	2
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	860
Air (includes truck and air)	S	S	23	.2	46	.8	1 667
Pipeline[2]	9	–	37	.3	S	S	S
Multiple modes	**4 227**	**12.4**	**370**	**3.0**	**367**	**6.0**	**572**
Parcel, U.S. Postal Service or courier	4 033	11.8	245	2.0	126	2.1	570
Truck and rail	88	.3	98	.8	175	2.9	1 539
Truck and water	105	.3	24	.2	59	1.0	1 111
Rail and water	S	S	S	S	S	S	1 946
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**417**	**3.4**	**153**	**2.5**	**217**
SCTG 24, PLASTICS AND RUBBER							
Total	**31 793**	**100.0**	**9 405**	**100.0**	**4 513**	**100.0**	**539**
Single modes	**24 597**	**77.4**	**8 542**	**90.8**	**3 929**	**87.1**	**188**
Truck[1]	23 876	75.1	8 249	87.7	3 661	81.1	161
For-hire truck	12 593	39.6	4 070	43.3	3 132	69.4	731
Private truck	11 089	34.9	3 972	42.2	478	10.6	52
Rail	367	1.2	267	2.8	226	5.0	1 760
Water	21	–	4	–	S	S	1 560
Shallow draft	S	S	S	S	S	S	69
Great Lakes	–	–	–	–	–	–	–
Deep draft	20	–	4	–	S	S	1 655
Air (includes truck and air)	333	1.0	20	.2	33	.7	1 797
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**5 583**	**17.6**	**325**	**3.5**	**462**	**10.2**	**1 088**
Parcel, U.S. Postal Service or courier	5 385	16.9	246	2.6	267	5.9	1 088
Truck and rail	161	.5	64	.7	164	3.6	2 451
Truck and water	37	.1	15	.2	31	.7	1 099
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**1 613**	**5.1**	**538**	**5.7**	**122**	**2.7**	**53**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 25, LOGS AND OTHER WOOD IN THE ROUGH							
Total	**7 341**	**100.0**	**107 582**	**100.0**	**7 831**	**100.0**	**65**
Single modes	**6 553**	**89.3**	**101 198**	**94.1**	**6 080**	**77.6**	**58**
Truck[1]	6 272	85.4	99 257	92.3	5 434	69.4	56
For-hire truck	3 344	45.6	39 393	36.6	2 798	35.7	72
Private truck	2 888	39.3	58 594	54.5	2 506	32.0	43
Rail	250	3.4	1 560	1.4	629	8.0	S
Water	S	S	S	S	S	S	35
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	35
Air (includes truck and air)	S	S	S	S	S	S	348
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**200**	**2.6**	**692**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	688
Truck and rail	S	S	S	S	S	S	2 418
Truck and water	20	.3	S	S	S	S	438
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**S**
SCTG 26, WOOD PRODUCTS							
Total	**36 013**	**100.0**	**83 250**	**100.0**	**39 190**	**100.0**	**271**
Single modes	**33 374**	**92.7**	**70 884**	**85.1**	**35 609**	**90.9**	**202**
Truck[1]	28 423	78.9	58 730	70.5	16 179	41.3	172
For-hire truck	15 897	44.1	33 282	40.0	12 708	32.4	482
Private truck	12 335	34.3	24 817	29.8	3 360	8.6	80
Rail	4 776	13.3	11 863	14.2	18 493	47.2	1 565
Water	S	S	S	S	S	S	3 187
Shallow draft	S	S	S	S	S	S	191
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	3 292
Air (includes truck and air)	28	–	11	–	S	S	1 351
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**1 059**	**2.9**	**1 535**	**1.8**	**2 357**	**6.0**	**1 030**
Parcel, U.S. Postal Service or courier	170	.5	15	–	17	–	980
Truck and rail	815	2.3	1 387	1.7	2 082	5.3	1 824
Truck and water	74	.2	132	.2	258	.7	2 123
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	1 910
Other and unknown modes	**1 581**	**4.4**	**S**	**S**	**1 225**	**3.1**	**96**
SCTG 27, PULP, NEWSPRINT, PAPER, AND PAPERBOARD							
Total	**14 163**	**100.0**	**18 616**	**100.0**	**10 635**	**100.0**	**202**
Single modes	**12 304**	**86.9**	**17 006**	**91.3**	**9 081**	**85.4**	**127**
Truck[1]	9 971	70.4	11 661	62.6	3 952	37.2	112
For-hire truck	5 016	35.4	7 614	40.9	3 546	33.3	347
Private truck	4 773	33.7	3 940	21.2	403	3.8	48
Rail	2 204	15.6	5 125	27.5	5 055	47.5	1 023
Water	115	.8	210	1.1	S	S	1 243
Shallow draft	S	S	S	S	4	–	29
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	1 528
Air (includes truck and air)	S	S	S	S	S	S	1 804
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**984**	**6.9**	**933**	**5.0**	**1 276**	**12.0**	**663**
Parcel, U.S. Postal Service or courier	307	2.2	26	.1	12	.1	635
Truck and rail	373	2.6	499	2.7	757	7.1	1 324
Truck and water	245	1.7	315	1.7	334	3.1	1 493
Rail and water	S	S	S	S	S	S	1 731
Other multiple modes	S	S	S	S	S	S	2 200
Other and unknown modes	**S**	**S**	**678**	**3.6**	**278**	**2.6**	**S**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 28, PAPER OR PAPERBOARD ARTICLES							
Total	**17 835**	**100.0**	**18 536**	**100.0**	**4 861**	**100.0**	**388**
Single modes	**16 507**	**92.6**	**17 924**	**96.7**	**4 454**	**91.6**	**118**
Truck[1]	15 908	89.2	17 353	93.6	3 397	69.9	101
For-hire truck	8 557	48.0	8 999	48.5	2 925	60.2	381
Private truck	7 086	39.7	8 176	44.1	437	9.0	38
Rail	248	1.4	332	1.8	522	10.7	2 193
Water	327	1.8	231	1.2	S	S	4 027
Shallow draft	S	S	S	S	S	S	54
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	4 719
Air (includes truck and air)	23	.1	S	S	S	S	1 580
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**845**	**4.7**	**231**	**1.2**	**300**	**6.2**	**1 095**
Parcel, U.S. Postal Service or courier	652	3.7	85	.5	69	1.4	1 095
Truck and rail	S	S	S	S	S	S	1 464
Truck and water	87	.5	65	.4	110	2.3	1 019
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	2 853
Other and unknown modes	**482**	**2.7**	**381**	**2.1**	**S**	**S**	**63**
SCTG 29, PRINTED PRODUCTS							
Total	**33 211**	**100.0**	**12 936**	**100.0**	**3 768**	**100.0**	**450**
Single modes	**21 560**	**64.9**	**11 033**	**85.3**	**1 830**	**48.6**	**96**
Truck[1]	20 785	62.6	10 833	83.7	1 584	42.0	68
For-hire truck	6 828	20.6	2 123	16.4	1 303	34.6	600
Private truck	13 638	41.1	8 576	66.3	279	7.4	25
Rail	S	S	S	S	S	S	1 173
Water	S	S	S	S	S	S	2 507
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	2 507
Air (includes truck and air)	720	2.2	101	.8	140	3.7	1 586
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**9 665**	**29.1**	**844**	**6.5**	**880**	**23.4**	**579**
Parcel, U.S. Postal Service or courier	9 595	28.9	828	6.4	849	22.5	579
Truck and rail	S	S	S	S	S	S	2 767
Truck and water	66	.2	14	.1	S	S	1 448
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**1 986**	**6.0**	**1 059**	**8.2**	**S**	**S**	**390**
SCTG 30, TEXTILES, LEATHER, AND ARTICLES OF TEXTILES OR LEATHER							
Total	**68 663**	**100.0**	**4 989**	**100.0**	**3 676**	**100.0**	**1 358**
Single modes	**49 173**	**71.6**	**4 317**	**86.5**	**2 839**	**77.2**	**1 038**
Truck[1]	46 709	68.0	4 229	84.8	2 653	72.2	892
For-hire truck	31 111	45.3	1 828	36.6	2 069	56.3	1 624
Private truck	15 324	22.3	2 388	47.9	568	15.5	255
Rail	92	.1	27	.5	70	1.9	1 923
Water	S	S	S	S	S	S	1 383
Shallow draft	S	S	S	S	S	S	337
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	1 821
Air (includes truck and air)	2 148	3.1	54	1.1	103	2.8	2 076
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**17 470**	**25.4**	**552**	**11.1**	**768**	**20.9**	**1 514**
Parcel, U.S. Postal Service or courier	16 400	23.9	444	8.9	618	16.8	1 512
Truck and rail	S	S	S	S	S	S	782
Truck and water	S	S	S	S	S	S	2 260
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	5 094
Other and unknown modes	**2 019**	**2.9**	**119**	**2.4**	**69**	**1.9**	**132**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 31, NONMETALLIC MINERAL PRODUCTS							
Total	**20 855**	**100.0**	**181 652**	**100.0**	**18 648**	**100.0**	**320**
Single modes	**18 965**	**90.9**	**177 291**	**97.6**	**16 296**	**87.4**	**168**
Truck[1]	18 196	87.3	169 810	93.5	11 193	60.0	160
For-hire truck	7 053	33.8	35 545	19.6	6 684	35.8	387
Private truck	10 803	51.8	132 962	73.2	4 293	23.0	124
Rail	588	2.8	7 323	4.0	4 808	25.8	865
Water	S	S	S	S	S	S	353
Shallow draft	S	S	S	S	S	S	441
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	292
Air (includes truck and air)	176	.8	145	–	S	S	1 202
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**1 053**	**5.0**	**887**	**.5**	**878**	**4.7**	**1 080**
Parcel, U.S. Postal Service or courier	827	4.0	93	–	70	.4	1 078
Truck and rail	124	.6	564	.3	355	1.9	657
Truck and water	S	S	213	.1	429	2.3	1 684
Rail and water	S	S	S	S	S	S	2 436
Other multiple modes	S	S	S	S	S	S	1 551
Other and unknown modes	**838**	**4.0**	**3 474**	**1.9**	**1 474**	**7.9**	**227**
SCTG 32, BASE METAL IN PRIMARY OR SEMIFINISHED FORMS AND IN FINISHED BASIC SHAPES							
Total	**38 191**	**100.0**	**29 600**	**100.0**	**14 712**	**100.0**	**390**
Single modes	**34 078**	**89.2**	**25 847**	**87.3**	**11 640**	**79.1**	**199**
Truck[1]	28 431	74.4	21 280	71.9	6 079	41.3	152
For-hire truck	15 701	41.1	11 409	38.5	5 287	35.9	643
Private truck	12 536	32.8	9 769	33.0	720	4.9	44
Rail	5 214	13.7	4 208	14.2	5 257	35.7	1 320
Water	103	.3	S	S	135	.9	1 076
Shallow draft	S	S	S	S	S	S	282
Great Lakes	–	–	–	–	–	–	–
Deep draft	89	.2	S	S	130	.9	1 174
Air (includes truck and air)	331	.9	S	S	169	1.1	1 797
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**2 433**	**6.4**	**S**	**S**	**983**	**6.7**	**1 217**
Parcel, U.S. Postal Service or courier	1 417	3.7	56	.2	S	S	1 212
Truck and rail	480	1.3	382	1.3	630	4.3	1 559
Truck and water	63	.2	69	.2	217	1.5	2 023
Rail and water	S	S	S	S	S	S	1 776
Other multiple modes	S	S	S	S	S	S	312
Other and unknown modes	**1 679**	**4.4**	**1 971**	**6.7**	**S**	**S**	**185**
SCTG 33, ARTICLES OF BASE METAL							
Total	**36 646**	**100.0**	**14 161**	**100.0**	**7 826**	**100.0**	**441**
Single modes	**26 151**	**71.4**	**11 661**	**82.3**	**4 808**	**61.4**	**185**
Truck[1]	25 001	68.2	10 839	76.5	3 813	48.7	158
For-hire truck	14 623	39.9	5 802	41.0	3 339	42.7	623
Private truck	10 324	28.2	4 984	35.2	452	5.8	45
Rail	441	1.2	617	4.4	658	8.4	1 524
Water	S	S	S	S	S	S	771
Shallow draft	S	S	S	S	S	S	170
Great Lakes	–	–	–	–	–	–	–
Deep draft	15	–	8	–	S	S	1 031
Air (includes truck and air)	671	1.8	S	S	S	S	1 491
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**7 350**	**20.1**	**352**	**2.5**	**S**	**S**	**750**
Parcel, U.S. Postal Service or courier	7 188	19.6	239	1.7	202	2.6	749
Truck and rail	79	.2	22	.2	36	.5	1 932
Truck and water	82	.2	S	S	S	S	1 139
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	1 608
Other and unknown modes	**3 145**	**8.6**	**2 148**	**15.2**	**2 233**	**28.5**	**138**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 34, MACHINERY							
Total	**54 232**	**100.0**	**4 737**	**100.0**	**3 993**	**100.0**	**449**
Single modes	**40 750**	**75.1**	**3 958**	**83.6**	**3 141**	**78.7**	**238**
Truck[1]	37 105	68.4	3 793	80.1	2 794	70.0	166
For-hire truck	23 861	44.0	2 450	51.7	2 422	60.6	736
Private truck	13 083	24.1	1 317	27.8	318	8.0	48
Rail	181	.3	26	.6	71	1.8	2 586
Water	S	S	S	S	S	S	630
Shallow draft	S	S	S	S	S	S	71
Great Lakes	–	–	–	–	–	–	–
Deep draft	25	–	3	–	S	S	1 085
Air (includes truck and air)	3 322	6.1	S	S	S	S	1 673
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**8 809**	**16.2**	**274**	**5.8**	**296**	**7.4**	**819**
Parcel, U.S. Postal Service or courier	8 688	16.0	258	5.5	255	6.4	819
Truck and rail	S	S	S	S	S	S	2 108
Truck and water	S	S	S	S	S	S	816
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	31
Other and unknown modes	**4 673**	**8.6**	**505**	**10.7**	**S**	**S**	**58**
SCTG 35, ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT AND COMPONENTS AND OFFICE EQUIPMENT							
Total	**284 101**	**100.0**	**7 030**	**100.0**	**6 876**	**100.0**	**861**
Single modes	**175 878**	**61.9**	**5 827**	**82.9**	**5 576**	**81.1**	**475**
Truck[1]	136 714	48.1	5 491	78.1	5 066	73.7	264
For-hire truck	97 268	34.2	3 400	48.4	4 371	63.6	973
Private truck	37 437	13.2	1 962	27.9	525	7.6	69
Rail	1 010	.4	119	1.7	171	2.5	1 952
Water	102	–	4	–	–	–	S
Shallow draft	S	S	S	S	S	S	62
Great Lakes	–	–	–	–	–	–	–
Deep draft	72	–	3	–	–	–	894
Air (includes truck and air)	38 051	13.4	213	3.0	338	4.9	1 795
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**87 951**	**31.0**	**694**	**9.9**	**855**	**12.4**	**1 201**
Parcel, U.S. Postal Service or courier	87 333	30.7	664	9.4	802	11.7	1 201
Truck and rail	S	S	S	S	S	S	2 315
Truck and water	S	S	14	.2	23	.3	1 938
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	19
Other and unknown modes	**20 272**	**7.1**	**509**	**7.2**	**445**	**6.5**	**385**
SCTG 36, MOTORIZED AND OTHER VEHICLES (INCLUDING PARTS)							
Total	**49 615**	**100.0**	**6 310**	**100.0**	**3 756**	**100.0**	**413**
Single modes	**36 976**	**74.5**	**5 035**	**79.8**	**2 764**	**73.6**	**173**
Truck[1]	34 961	70.5	4 914	77.9	2 550	67.9	88
For-hire truck	24 350	49.1	2 390	37.9	1 835	48.9	396
Private truck	10 538	21.2	2 515	39.9	709	18.9	32
Rail	333	.7	41	.7	93	2.5	2 174
Water	74	.1	13	.2	S	S	1 302
Shallow draft	S	S	S	S	S	S	371
Great Lakes	–	–	–	–	–	–	–
Deep draft	49	.1	10	.2	S	S	1 777
Air (includes truck and air)	1 608	3.2	67	1.1	116	3.1	1 648
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**4 703**	**9.5**	**217**	**3.4**	**251**	**6.7**	**960**
Parcel, U.S. Postal Service or courier	4 157	8.4	174	2.8	170	4.5	958
Truck and rail	S	S	22	.4	40	1.1	1 039
Truck and water	S	S	S	S	S	S	1 810
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	3
Other and unknown modes	**7 937**	**16.0**	**1 058**	**16.8**	**741**	**19.7**	**124**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 37, TRANSPORTATION EQUIPMENT, N.E.C.							
Total	**67 711**	**100.0**	**715**	**100.0**	**457**	**100.0**	**829**
Single modes	**59 460**	**87.8**	**667**	**93.4**	**388**	**85.0**	**628**
Truck[1]	12 097	17.9	402	56.2	250	54.7	278
For-hire truck	8 128	12.0	306	42.9	234	51.1	849
Private truck	3 958	5.8	95	13.3	16	3.6	56
Rail	1 904	2.8	218	30.5	S	S	1 678
Water	S	S	S	S	S	S	280
Shallow draft	S	S	S	S	S	S	280
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	45 458	67.1	47	6.6	60	13.2	1 595
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**7 226**	**10.7**	**34**	**4.8**	**60**	**13.1**	**991**
Parcel, U.S. Postal Service or courier	5 450	8.0	34	4.7	58	12.7	991
Truck and rail	S	S	S	S	S	S	2 310
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**13**	**1.8**	**9**	**2.0**	**501**
SCTG 38, PRECISION INSTRUMENTS AND APPARATUS							
Total	**42 897**	**100.0**	**593**	**100.0**	**545**	**100.0**	**1 312**
Single modes	**24 420**	**56.9**	**454**	**76.7**	**346**	**63.4**	**1 022**
Truck[1]	17 690	41.2	419	70.8	277	50.9	331
For-hire truck	11 854	27.6	303	51.1	259	47.6	865
Private truck	5 833	13.6	117	19.7	18	3.3	103
Rail	S	S	S	S	S	S	1 439
Water	S	S	S	S	S	S	S
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	S
Air (includes truck and air)	6 712	15.6	34	5.7	66	12.2	1 979
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**16 400**	**38.2**	**103**	**17.3**	**150**	**27.6**	**1 423**
Parcel, U.S. Postal Service or courier	16 307	38.0	100	16.9	146	26.8	1 423
Truck and rail	–	–	–	–	–	–	–
Truck and water	S	S	S	S	S	S	1 746
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**2 077**	**4.8**	**36**	**6.0**	**S**	**S**	**276**
SCTG 39, FURNITURE, MATTRESSES AND MATTRESS SUPPORTS, LAMPS, LIGHTING FITTINGS, AND ILLUMINATED SIGNS							
Total	**16 890**	**100.0**	**3 050**	**100.0**	**2 349**	**100.0**	**666**
Single modes	**14 389**	**85.2**	**2 805**	**92.0**	**2 065**	**87.9**	**383**
Truck[1]	14 260	84.4	2 766	90.7	1 978	84.2	362
For-hire truck	6 585	39.0	1 327	43.5	1 715	73.0	1 035
Private truck	7 602	45.0	1 423	46.7	243	10.3	99
Rail	49	.3	27	.9	S	S	773
Water	6	–	1	–	S	S	987
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	6	–	1	–	S	S	987
Air (includes truck and air)	74	.4	S	S	16	.7	1 879
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**1 633**	**9.7**	**128**	**4.2**	**218**	**9.3**	**1 293**
Parcel, U.S. Postal Service or courier	1 440	8.5	85	2.8	113	4.8	1 281
Truck and rail	157	.9	38	1.2	93	4.0	2 496
Truck and water	36	.2	5	.2	13	.5	1 966
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**868**	**5.1**	**117**	**3.8**	**S**	**S**	**92**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
SCTG 40, MISCELLANEOUS MANUFACTURED PRODUCTS							
Total	**101 666**	**100.0**	**15 041**	**100.0**	**8 687**	**100.0**	**1 307**
Single modes	**67 699**	**66.6**	**11 938**	**79.4**	**4 399**	**50.6**	**687**
Truck[1]	62 960	61.9	11 785	78.3	4 084	47.0	590
For-hire truck	29 779	29.3	4 974	33.1	3 061	35.2	1 336
Private truck	32 900	32.4	6 689	44.5	971	11.2	131
Rail	269	.3	56	.4	112	1.3	1 865
Water	S	S	S	S	S	S	1 434
Shallow draft	S	S	S	S	S	S	368
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	1 486
Air (includes truck and air)	4 442	4.4	95	.6	199	2.3	1 960
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**31 067**	**30.6**	**834**	**5.5**	**1 254**	**14.4**	**1 555**
Parcel, U.S. Postal Service or courier	30 697	30.2	765	5.1	1 094	12.6	1 554
Truck and rail	294	.3	51	.3	123	1.4	2 455
Truck and water	76	–	18	.1	37	.4	1 526
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**2 901**	**2.9**	**S**	**S**	**S**	**S**	**429**
SCTG 41, WASTE AND SCRAP							
Total	**5 714**	**100.0**	**36 630**	**100.0**	**9 155**	**100.0**	**160**
Single modes	**4 658**	**81.5**	**32 612**	**89.0**	**6 657**	**72.7**	**117**
Truck[1]	4 212	73.7	27 138	74.1	4 259	46.5	101
For-hire truck	2 196	38.4	13 319	36.4	2 921	31.9	189
Private truck	1 955	34.2	10 635	29.0	1 239	13.5	S
Rail	420	7.4	5 311	14.5	2 393	26.1	446
Water	S	S	S	S	S	S	33
Shallow draft	S	S	S	S	S	S	7
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	33
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**240**	**4.2**	**295**	**.8**	**599**	**6.5**	**1 351**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	730
Truck and rail	198	3.5	174	.5	300	3.3	1 730
Truck and water	S	S	S	S	S	S	2 112
Rail and water	–	–	–	–	–	–	–
Other multiple modes	4	–	4	–	19	.2	5 222
Other and unknown modes	**817**	**14.3**	**S**	**S**	**1 899**	**20.7**	**696**
SCTG 43, MIXED FREIGHT							
Total	**53 990**	**100.0**	**27 044**	**100.0**	**3 207**	**100.0**	**366**
Single modes	**52 725**	**97.7**	**26 713**	**98.8**	**2 873**	**89.6**	**115**
Truck[1]	52 441	97.1	26 688	98.7	2 847	88.8	109
For-hire truck	2 396	4.4	460	1.7	282	8.8	741
Private truck	49 989	92.6	26 217	96.9	2 562	79.9	71
Rail	–	–	–	–	–	–	–
Water	S	S	S	S	S	S	400
Shallow draft	S	S	S	S	S	S	187
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	419
Air (includes truck and air)	S	S	S	S	S	S	1 818
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**875**	**1.6**	**176**	**.7**	**S**	**S**	**1 167**
Parcel, U.S. Postal Service or courier	604	1.1	47	.2	54	1.7	1 166
Truck and rail	S	S	S	S	S	S	2 164
Truck and water	228	.4	S	S	S	S	1 338
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**390**	**.7**	**S**	**S**	**S**	**S**	**S**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

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

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment
	Number (million dollars)	Percent	Number (thousands)	Percent	Number (millions)	Percent	
COMMODITY UNKNOWN							
Total	**7 765**	**100.0**	**8 631**	**100.0**	**1 499**	**100.0**	**506**
Single modes	**6 335**	**81.6**	**8 492**	**98.4**	**1 407**	**93.9**	**316**
Truck[1]	5 315	68.4	5 970	69.2	866	57.8	281
For-hire truck	3 172	40.9	S	S	558	37.3	683
Private truck	1 680	21.6	2 110	24.4	110	7.3	154
Rail	102	1.3	S	S	302	20.2	1 203
Water	S	S	S	S	S	S	866
Shallow draft	S	S	S	S	S	S	76
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	1 493
Air (includes truck and air)	390	5.0	6	–	S	S	1 833
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**918**	**11.8**	**78**	**.9**	**49**	**3.3**	**652**
Parcel, U.S. Postal Service or courier	883	11.4	19	.2	15	1.0	650
Truck and rail	16	.2	S	S	S	S	1 254
Truck and water	S	S	S	S	S	S	1 372
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**512**	**6.6**	**62**	**.7**	**43**	**2.9**	**416**

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons. Some unpublished estimates can be derived from other data published in this table. However, figures obtained in this manner are subject to these same limitations.

[1]"Truck" as a single mode includes shipments which went by private truck only, for-hire truck only, or a combination of private truck and for-hire truck.
[2]CFS data for pipeline exclude most shipments of crude oil. See "Mileage Calculations" section for details of CFS coverage.

Note: Data exclude shipments of SCTG 16, Crude Petroleum. See the section "Industry Coverage" for additional information.

Table 8. Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Region: 1997

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

SCTG code, description, and distance shipped (based on Great Circle Distance)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
All commodities	**1 367 369**	**2 101 462**	**717 301**
Less than 50 miles	524 269	1 235 920	25 933
50 to 99 miles	99 970	165 073	16 541
100 to 249 miles	122 501	164 182	34 322
250 to 499 miles	122 934	110 030	50 876
500 to 749 miles	66 269	129 411	117 801
750 to 999 miles	66 415	135 871	164 474
1,000 to 1,499 miles	91 201	107 243	173 683
1,500 to 1,999 miles	122 241	31 682	70 906
2,000 miles or more	151 569	22 050	62 765
SCTG 01, Live animals and live fish	**S**	**S**	**S**
Less than 50 miles	S	S	S
50 to 99 miles	S	S	S
100 to 249 miles	S	S	S
250 to 499 miles	S	S	S
500 to 749 miles	S	S	S
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	S	S	S
2,000 miles or more	S	S	S
SCTG 02, Cereal grains	**10 055**	**74 700**	**11 617**
Less than 50 miles	6 492	48 128	427
50 to 99 miles	398	3 115	332
100 to 249 miles	1 384	10 796	2 521
250 to 499 miles	1 057	8 506	3 624
500 to 749 miles	415	2 758	2 577
750 to 999 miles	110	713	842
1,000 to 1,499 miles	84	433	686
1,500 to 1,999 miles	68	S	S
2,000 miles or more	S	S	S
SCTG 03, Other agricultural products	**27 514**	**31 750**	**22 561**
Less than 50 miles	9 861	13 145	224
50 to 99 miles	1 945	2 106	195
100 to 249 miles	3 958	3 586	679
250 to 499 miles	2 021	2 464	1 079
500 to 749 miles	900	1 227	947
750 to 999 miles	1 119	1 459	1 601
1,000 to 1,499 miles	1 338	1 684	2 708
1,500 to 1,999 miles	2 604	2 863	6 226
2,000 miles or more	3 768	3 215	8 902
SCTG 04, Animal feed and products of animal origin, n.e.c.	**9 001**	**31 114**	**5 687**
Less than 50 miles	4 517	18 448	591
50 to 99 miles	957	2 954	262
100 to 249 miles	1 581	5 900	1 162
250 to 499 miles	605	1 766	734
500 to 749 miles	349	741	611
750 to 999 miles	259	602	685
1,000 to 1,499 miles	181	218	333
1,500 to 1,999 miles	108	112	240
2,000 miles or more	444	372	1 067
SCTG 05, Meat, fish, seafood, and their preparations	**37 521**	**13 744**	**5 266**
Less than 50 miles	18 918	7 326	164
50 to 99 miles	3 112	1 141	113
100 to 249 miles	3 024	1 185	239
250 to 499 miles	3 020	1 043	426
500 to 749 miles	2 428	733	561
750 to 999 miles	1 909	610	628
1,000 to 1,499 miles	2 180	935	1 348
1,500 to 1,999 miles	1 519	490	1 006
2,000 miles or more	1 410	280	782
SCTG 06, Milled grain products and preparations, and bakery products	**19 321**	**16 602**	**6 747**
Less than 50 miles	8 107	7 296	186
50 to 99 miles	1 904	1 525	138
100 to 249 miles	3 089	2 590	465
250 to 499 miles	2 027	1 740	723
500 to 749 miles	952	880	673
750 to 999 miles	1 002	981	1 118
1,000 to 1,499 miles	811	540	822
1,500 to 1,999 miles	737	589	1 338
2,000 miles or more	692	460	1 283
SCTG 07, Other prepared foodstuffs and fats and oils	**60 399**	**74 454**	**28 332**
Less than 50 miles	26 776	41 024	919
50 to 99 miles	5 292	6 651	617
100 to 249 miles	7 709	9 825	1 946
250 to 499 miles	4 820	4 281	1 813
500 to 749 miles	3 539	2 854	2 203
750 to 999 miles	1 850	1 437	1 597
1,000 to 1,499 miles	2 736	2 379	3 927
1,500 to 1,999 miles	4 780	3 338	7 478
2,000 miles or more	2 898	2 664	7 830

See footnotes at end of table.

Table 8. **Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, and distance shipped (based on Great Circle Distance)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 08, Alcoholic beverages	**26 774**	**24 246**	**15 560**
Less than 50 miles	13 905	10 472	217
50 to 99 miles	2 421	1 966	173
100 to 249 miles	2 971	1 908	337
250 to 499 miles	1 667	1 686	770
500 to 749 miles	1 095	1 645	1 499
750 to 999 miles	934	1 995	2 519
1,000 to 1,499 miles	708	1 735	3 051
1,500 to 1,999 miles	1 284	1 760	3 753
2,000 miles or more	1 789	1 079	3 241
SCTG 09, Tobacco products	**2 666**	**191**	**29**
Less than 50 miles	1 237	80	2
50 to 99 miles	498	S	S
100 to 249 miles	509	21	4
250 to 499 miles	128	15	6
500 to 749 miles	S	S	S
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	S	S	S
2,000 miles or more	S	1	S
SCTG 10, Monumental or building stone	**456**	**1 814**	**150**
Less than 50 miles	S	1 397	S
50 to 99 miles	S	110	10
100 to 249 miles	S	196	31
250 to 499 miles	S	S	S
500 to 749 miles	S	S	S
750 to 999 miles	S	S	S
1,000 to 1,499 miles	1	4	6
1,500 to 1,999 miles	S	S	S
2,000 miles or more	S	S	S
SCTG 11, Natural sands	**704**	**66 334**	**2 720**
Less than 50 miles	549	60 316	1 340
50 to 99 miles	30	3 323	291
100 to 249 miles	28	1 619	336
250 to 499 miles	S	628	284
500 to 749 miles	S	64	57
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	19	S	S
2,000 miles or more	S	S	S
SCTG 12, Gravel and crushed stone	**2 161**	**301 228**	**9 965**
Less than 50 miles	1 990	284 647	6 466
50 to 99 miles	83	8 726	855
100 to 249 miles	46	5 744	1 134
250 to 499 miles	22	1 353	636
500 to 749 miles	S	S	S
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	S	S	S
2,000 miles or more	–	–	–
SCTG 13, Nonmetallic minerals n.e.c.	**1 786**	**18 236**	**10 552**
Less than 50 miles	S	7 575	163
50 to 99 miles	45	1 112	98
100 to 249 miles	140	1 940	448
250 to 499 miles	113	1 019	441
500 to 749 miles	172	1 813	1 570
750 to 999 miles	101	1 332	1 581
1,000 to 1,499 miles	225	2 198	3 494
1,500 to 1,999 miles	107	1 041	2 203
2,000 miles or more	48	207	555
SCTG 14, Metallic ores and concentrates	**6 233**	**12 218**	**2 139**
Less than 50 miles	1 184	7 984	33
50 to 99 miles	844	1 314	134
100 to 249 miles	1 508	1 280	294
250 to 499 miles	785	S	S
500 to 749 miles	443	550	S
750 to 999 miles	311	104	143
1,000 to 1,499 miles	190	S	S
1,500 to 1,999 miles	400	66	142
2,000 miles or more	567	61	167
SCTG 15, Coal	**4 987**	**401 966**	**346 957**
Less than 50 miles	1 318	71 544	1 072
50 to 99 miles	562	23 776	2 636
100 to 249 miles	355	22 854	5 615
250 to 499 miles	304	23 347	12 277
500 to 749 miles	727	81 999	76 950
750 to 999 miles	959	105 603	129 320
1,000 to 1,499 miles	727	70 530	113 472
1,500 to 1,999 miles	S	S	S
2,000 miles or more	–	–	–

See footnotes at end of table.

Table 8. **Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, and distance shipped (based on Great Circle Distance)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 17, Gasoline and aviation turbine fuel	**55 026**	**193 333**	**18 562**
Less than 50 miles	43 111	149 161	2 364
50 to 99 miles	4 279	15 134	1 243
100 to 249 miles	4 383	15 550	2 788
250 to 499 miles	1 853	6 902	2 518
500 to 749 miles	81	S	158
750 to 999 miles	S	S	S
1,000 to 1,499 miles	948	4 577	6 265
1,500 to 1,999 miles	S	S	S
2,000 miles or more	S	S	S
SCTG 18, Fuel oils	**19 098**	**81 760**	**10 518**
Less than 50 miles	14 017	57 268	921
50 to 99 miles	1 640	7 192	664
100 to 249 miles	1 372	7 013	1 334
250 to 499 miles	948	5 302	2 348
500 to 749 miles	S	S	S
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	S	S	S
2,000 miles or more	S	S	S
SCTG 19, Coal and petroleum products, n.e.c.	**10 499**	**86 898**	**24 844**
Less than 50 miles	5 928	51 338	1 252
50 to 99 miles	840	9 210	S
100 to 249 miles	1 441	8 174	1 844
250 to 499 miles	S	6 594	3 410
500 to 749 miles	345	5 517	5 722
750 to 999 miles	228	1 838	2 288
1,000 to 1,499 miles	137	S	S
1,500 to 1,999 miles	54	S	S
2,000 miles or more	56	78	213
SCTG 20, Basic chemicals	**13 304**	**38 463**	**22 149**
Less than 50 miles	4 643	15 581	539
50 to 99 miles	881	4 418	476
100 to 249 miles	990	3 789	807
250 to 499 miles	929	2 144	1 127
500 to 749 miles	1 290	4 523	4 413
750 to 999 miles	1 015	1 606	2 006
1,000 to 1,499 miles	1 374	3 280	5 386
1,500 to 1,999 miles	1 260	2 700	6 202
2,000 miles or more	923	421	1 193
SCTG 21, Pharmaceutical products	**31 858**	**1 086**	**688**
Less than 50 miles	12 800	509	10
50 to 99 miles	3 024	80	7
100 to 249 miles	3 378	84	18
250 to 499 miles	2 686	74	30
500 to 749 miles	949	26	16
750 to 999 miles	1 256	39	41
1,000 to 1,499 miles	2 806	106	162
1,500 to 1,999 miles	2 411	108	239
2,000 miles or more	2 549	60	164
SCTG 22, Fertilizers	**4 108**	**27 911**	**9 855**
Less than 50 miles	2 398	15 331	458
50 to 99 miles	292	2 731	240
100 to 249 miles	371	2 193	474
250 to 499 miles	297	1 720	869
500 to 749 miles	404	3 103	2 851
750 to 999 miles	131	1 142	1 384
1,000 to 1,499 miles	S	724	S
1,500 to 1,999 miles	S	S	S
2,000 miles or more	7	28	75
SCTG 23, Chemical products and preparations, n.e.c.	**34 121**	**12 446**	**6 090**
Less than 50 miles	14 210	5 246	111
50 to 99 miles	2 316	928	85
100 to 249 miles	3 384	1 397	281
250 to 499 miles	3 617	1 576	640
500 to 749 miles	1 780	894	667
750 to 999 miles	1 755	425	459
1,000 to 1,499 miles	3 435	990	1 460
1,500 to 1,999 miles	1 843	571	1 219
2,000 miles or more	1 781	418	1 169
SCTG 24, Plastics and rubber	**31 793**	**9 405**	**4 513**
Less than 50 miles	13 745	4 251	94
50 to 99 miles	2 197	767	74
100 to 249 miles	2 996	1 201	246
250 to 499 miles	2 935	931	395
500 to 749 miles	1 781	530	411
750 to 999 miles	1 621	443	480
1,000 to 1,499 miles	1 687	354	541
1,500 to 1,999 miles	2 256	443	938
2,000 miles or more	2 574	484	1 335

See footnotes at end of table.

Table 8. **Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, and distance shipped (based on Great Circle Distance)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 25, Logs and other wood in the rough	**7 341**	**107 582**	**7 831**
Less than 50 miles	5 013	84 700	2 659
50 to 99 miles	1 217	15 104	1 589
100 to 249 miles	666	5 953	1 149
250 to 499 miles	94	299	147
500 to 749 miles	63	S	S
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	46	85	197
2,000 miles or more	S	S	S
SCTG 26, Wood products	**36 013**	**83 250**	**39 190**
Less than 50 miles	12 423	33 085	823
50 to 99 miles	4 078	12 479	1 234
100 to 249 miles	5 579	12 675	2 709
250 to 499 miles	2 960	7 725	3 617
500 to 749 miles	1 929	4 416	3 752
750 to 999 miles	1 670	3 046	3 839
1,000 to 1,499 miles	1 917	3 102	5 287
1,500 to 1,999 miles	3 133	4 032	9 726
2,000 miles or more	2 324	2 690	8 205
SCTG 27, Pulp, newsprint, paper, and paperboard	**14 163**	**18 616**	**10 635**
Less than 50 miles	6 195	5 660	141
50 to 99 miles	1 189	1 605	152
100 to 249 miles	1 549	2 575	596
250 to 499 miles	1 576	2 439	1 256
500 to 749 miles	1 038	1 923	1 564
750 to 999 miles	1 267	2 641	3 049
1,000 to 1,499 miles	365	611	963
1,500 to 1,999 miles	579	747	1 696
2,000 miles or more	406	414	1 217
SCTG 28, Paper or paperboard articles	**17 835**	**18 536**	**4 861**
Less than 50 miles	8 804	11 643	297
50 to 99 miles	1 543	1 660	158
100 to 249 miles	1 727	1 483	292
250 to 499 miles	1 821	1 564	725
500 to 749 miles	1 142	649	508
750 to 999 miles	1 226	734	817
1,000 to 1,499 miles	459	265	387
1,500 to 1,999 miles	469	205	458
2,000 miles or more	643	332	1 220
SCTG 29, Printed products	**33 211**	**12 936**	**3 768**
Less than 50 miles	17 035	9 532	171
50 to 99 miles	1 818	527	48
100 to 249 miles	1 968	511	103
250 to 499 miles	2 417	642	285
500 to 749 miles	1 759	291	225
750 to 999 miles	1 555	246	282
1,000 to 1,499 miles	1 716	175	272
1,500 to 1,999 miles	2 736	573	1 148
2,000 miles or more	2 206	439	1 233
SCTG 30, Textiles, leather, and articles of textiles or leather	**68 663**	**4 989**	**3 676**
Less than 50 miles	17 700	1 978	42
50 to 99 miles	2 198	325	30
100 to 249 miles	5 059	679	141
250 to 499 miles	7 834	435	177
500 to 749 miles	2 574	123	97
750 to 999 miles	3 349	155	173
1,000 to 1,499 miles	4 694	200	311
1,500 to 1,999 miles	10 650	455	962
2,000 miles or more	14 605	638	1 744
SCTG 31, Nonmetallic mineral products	**20 855**	**181 652**	**18 648**
Less than 50 miles	11 593	139 103	2 560
50 to 99 miles	2 415	16 299	1 618
100 to 249 miles	2 058	12 784	2 573
250 to 499 miles	1 582	7 384	3 354
500 to 749 miles	746	2 293	1 862
750 to 999 miles	653	1 259	1 414
1,000 to 1,499 miles	506	1 103	1 818
1,500 to 1,999 miles	661	728	1 580
2,000 miles or more	641	697	1 871
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**38 191**	**29 600**	**14 712**
Less than 50 miles	14 979	13 132	291
50 to 99 miles	2 816	2 692	253
100 to 249 miles	3 370	2 883	562
250 to 499 miles	3 381	3 158	1 384
500 to 749 miles	2 880	2 389	1 956
750 to 999 miles	2 217	1 290	1 513
1,000 to 1,499 miles	3 373	1 463	2 426
1,500 to 1,999 miles	2 864	1 522	3 382
2,000 miles or more	2 311	1 071	2 947

See footnotes at end of table.

Table 8. **Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, and distance shipped (based on Great Circle Distance)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 33, Articles of base metal	**36 646**	**14 161**	**7 826**
Less than 50 miles	15 321	5 912	127
50 to 99 miles	2 622	1 291	117
100 to 249 miles	3 451	1 578	298
250 to 499 miles	3 261	1 474	626
500 to 749 miles	1 977	982	763
750 to 999 miles	1 972	677	756
1,000 to 1,499 miles	2 959	786	1 198
1,500 to 1,999 miles	2 334	590	1 578
2,000 miles or more	2 748	871	2 363
SCTG 34, Machinery	**54 232**	**4 737**	**3 993**
Less than 50 miles	19 530	1 717	41
50 to 99 miles	3 138	234	24
100 to 249 miles	4 775	442	87
250 to 499 miles	3 645	324	142
500 to 749 miles	3 778	227	179
750 to 999 miles	2 755	264	286
1,000 to 1,499 miles	4 294	508	755
1,500 to 1,999 miles	6 334	478	1 012
2,000 miles or more	5 984	543	1 466
SCTG 35, Electronic and other electrical equipment and components and office equipment	**284 101**	**7 030**	**6 876**
Less than 50 miles	73 223	2 280	41
50 to 99 miles	12 626	379	33
100 to 249 miles	11 639	350	70
250 to 499 miles	31 600	908	394
500 to 749 miles	16 068	294	224
750 to 999 miles	18 084	290	323
1,000 to 1,499 miles	28 625	615	934
1,500 to 1,999 miles	34 761	668	1 430
2,000 miles or more	57 474	1 246	3 427
SCTG 36, Motorized and other vehicles (including parts)	**49 615**	**6 310**	**3 756**
Less than 50 miles	16 769	1 995	40
50 to 99 miles	3 204	349	34
100 to 249 miles	5 343	544	110
250 to 499 miles	6 513	1 712	657
500 to 749 miles	3 100	370	291
750 to 999 miles	1 922	152	169
1,000 to 1,499 miles	4 781	491	811
1,500 to 1,999 miles	4 204	392	824
2,000 miles or more	3 779	305	822
SCTG 37, Transportation equipment, n.e.c.	**67 711**	**715**	**457**
Less than 50 miles	23 604	377	6
50 to 99 miles	440	7	1
100 to 249 miles	1 460	68	15
250 to 499 miles	1 366	50	24
500 to 749 miles	1 470	S	S
750 to 999 miles	5 054	15	16
1,000 to 1,499 miles	5 803	S	S
1,500 to 1,999 miles	13 835	53	123
2,000 miles or more	14 680	56	158
SCTG 38, Precision instruments and apparatus	**42 897**	**593**	**545**
Less than 50 miles	11 272	159	4
50 to 99 miles	1 183	23	2
100 to 249 miles	1 606	54	11
250 to 499 miles	4 420	83	36
500 to 749 miles	2 882	41	31
750 to 999 miles	3 476	50	53
1,000 to 1,499 miles	3 938	35	53
1,500 to 1,999 miles	5 381	74	155
2,000 miles or more	8 739	74	200
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**16 890**	**3 050**	**2 349**
Less than 50 miles	7 377	1 256	25
50 to 99 miles	909	187	17
100 to 249 miles	1 049	216	45
250 to 499 miles	1 555	260	109
500 to 749 miles	707	120	95
750 to 999 miles	887	178	199
1,000 to 1,499 miles	951	216	322
1,500 to 1,999 miles	1 579	239	506
2,000 miles or more	1 875	377	1 033
SCTG 40, Miscellaneous manufactured products	**101 666**	**15 041**	**8 687**
Less than 50 miles	20 743	4 314	122
50 to 99 miles	S	2 108	178
100 to 249 miles	15 505	2 825	572
250 to 499 miles	13 283	1 438	617
500 to 749 miles	4 686	749	583
750 to 999 miles	4 449	S	S
1,000 to 1,499 miles	5 892	S	S
1,500 to 1,999 miles	11 530	839	1 736
2,000 miles or more	11 986	872	2 358

See footnotes at end of table.

Table 8. **Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, and distance shipped (based on Great Circle Distance)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 41, Waste and scrap	**5 714**	**36 630**	**9 155**
Less than 50 miles	3 324	20 851	364
50 to 99 miles	261	3 651	379
100 to 249 miles	492	4 083	799
250 to 499 miles	586	4 922	2 297
500 to 749 miles	161	1 014	905
750 to 999 miles	S	S	S
1,000 to 1,499 miles	174	286	445
1,500 to 1,999 miles	197	189	415
2,000 miles or more	262	1 010	2 873
SCTG 43, Mixed freight	**53 990**	**27 044**	**3 207**
Less than 50 miles	29 127	14 683	417
50 to 99 miles	10 319	5 621	512
100 to 249 miles	9 944	5 240	1 118
250 to 499 miles	2 959	984	410
500 to 749 miles	807	260	186
750 to 999 miles	106	42	46
1,000 to 1,499 miles	87	16	23
1,500 to 1,999 miles	297	76	156
2,000 miles or more	345	121	S
Commodity unknown	**7 765**	**8 631**	**1 499**
Less than 50 miles	3 216	5 179	S
50 to 99 miles	S	S	S
100 to 249 miles	603	394	70
250 to 499 miles	651	390	157
500 to 749 miles	333	178	142
750 to 999 miles	195	42	47
1,000 to 1,499 miles	601	S	S
1,500 to 1,999 miles	597	93	203
2,000 miles or more	776	102	291

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons. Some unpublished estimates can be derived from other data published in this table. However, figures obtained in this manner are subject to these same limitations.

Note: Data exclude shipments of SCTG 16, Crude Petroleum. See the section "Industry Coverage" for additional information.

Table 9. Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Region: 1997

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

SCTG code, description, and shipment size	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
All commodities	**1 367 369**	**2 101 462**	**717 301**
Less than 50 lb	225 063	4 450	2 611
50 to 99 lb	68 959	2 942	1 235
100 to 499 lb	174 439	16 362	4 862
500 to 749 lb	53 898	7 721	2 114
750 to 999 lb	34 383	6 215	1 612
1,000 to 9,999 lb	283 348	105 775	30 105
10,000 to 49,999 lb	324 508	605 495	127 734
50,000 to 99,999 lb	80 405	484 946	43 178
100,000 lb or more	122 366	867 556	503 850
SCTG 01, Live animals and live fish	**S**	**S**	**S**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	S
100 to 499 lb	S	S	S
500 to 749 lb	S	S	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	S	9	S
10,000 to 49,999 lb	S	S	S
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	S
SCTG 02, Cereal grains	**10 055**	**74 700**	**11 617**
Less than 50 lb	S	S	S
50 to 99 lb	1	S	–
100 to 499 lb	15	20	S
500 to 749 lb	S	S	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	212	380	29
10,000 to 49,999 lb	415	1 944	483
50,000 to 99,999 lb	1 209	10 546	1 659
100,000 lb or more	8 186	61 777	9 443
SCTG 03, Other agricultural products	**27 514**	**31 750**	**22 561**
Less than 50 lb	S	S	17
50 to 99 lb	309	101	S
100 to 499 lb	1 832	953	144
500 to 749 lb	711	498	55
750 to 999 lb	473	330	41
1,000 to 9,999 lb	6 163	7 192	4 304
10,000 to 49,999 lb	13 985	16 491	15 126
50,000 to 99,999 lb	1 033	1 932	882
100,000 lb or more	2 210	4 147	1 968
SCTG 04, Animal feed and products of animal origin, n.e.c.	**9 001**	**31 114**	**5 687**
Less than 50 lb	30	13	S
50 to 99 lb	47	S	S
100 to 499 lb	333	270	S
500 to 749 lb	208	145	S
750 to 999 lb	S	102	S
1,000 to 9,999 lb	1 018	1 925	176
10,000 to 49,999 lb	5 375	18 362	3 319
50,000 to 99,999 lb	1 152	7 096	706
100,000 lb or more	708	3 157	1 365
SCTG 05, Meat, fish, seafood, and their preparations	**37 521**	**13 744**	**5 266**
Less than 50 lb	871	91	7
50 to 99 lb	962	136	11
100 to 499 lb	4 101	881	83
500 to 749 lb	1 491	374	42
750 to 999 lb	1 138	313	33
1,000 to 9,999 lb	11 515	3 652	888
10,000 to 49,999 lb	15 416	6 987	3 243
50,000 to 99,999 lb	602	452	149
100,000 lb or more	1 423	858	812
SCTG 06, Milled grain products and preparations, and bakery products	**19 321**	**16 602**	**6 747**
Less than 50 lb	338	120	6
50 to 99 lb	315	124	6
100 to 499 lb	1 546	624	51
500 to 749 lb	620	325	29
750 to 999 lb	380	262	41
1,000 to 9,999 lb	4 948	2 958	789
10,000 to 49,999 lb	9 619	9 090	4 305
50,000 to 99,999 lb	748	1 406	222
100,000 lb or more	807	1 694	1 299
SCTG 07, Other prepared foodstuffs and fats and oils	**60 399**	**74 454**	**28 332**
Less than 50 lb	863	S	26
50 to 99 lb	644	169	17
100 to 499 lb	3 389	1 384	121
500 to 749 lb	1 303	735	65
750 to 999 lb	1 123	662	62
1,000 to 9,999 lb	12 693	11 192	1 593
10,000 to 49,999 lb	33 153	44 815	16 405
50,000 to 99,999 lb	3 806	9 612	1 860
100,000 lb or more	3 425	5 466	8 183

See footnotes at end of table.

Table 9. **Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Region: 1997**—Con.

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

SCTG code, description, and shipment size	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 08, Alcoholic beverages	**26 774**	**24 246**	**15 560**
Less than 50 lb	368	49	S
50 to 99 lb	306	86	5
100 to 499 lb	2 549	1 236	54
500 to 749 lb	1 022	699	24
750 to 999 lb	853	627	24
1,000 to 9,999 lb	7 250	5 690	411
10,000 to 49,999 lb	9 950	8 787	6 292
50,000 to 99,999 lb	1 903	1 719	574
100,000 lb or more	2 572	5 353	8 151
SCTG 09, Tobacco products	**2 666**	**191**	**29**
Less than 50 lb	446	10	S
50 to 99 lb	203	6	S
100 to 499 lb	941	41	4
500 to 749 lb	222	16	2
750 to 999 lb	226	17	2
1,000 to 9,999 lb	525	60	9
10,000 to 49,999 lb	S	S	S
50,000 to 99,999 lb	–	–	–
100,000 lb or more	–	–	–
SCTG 10, Monumental or building stone	**456**	**1 814**	**150**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	S
100 to 499 lb	S	3	S
500 to 749 lb	S	S	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	S	S	S
10,000 to 49,999 lb	S	729	S
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	23
SCTG 11, Natural sands	**704**	**66 334**	**2 720**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	S
100 to 499 lb	S	4	S
500 to 749 lb	2	3	S
750 to 999 lb	2	1	S
1,000 to 9,999 lb	43	434	17
10,000 to 49,999 lb	265	19 010	711
50,000 to 99,999 lb	193	20 780	1 015
100,000 lb or more	191	26 102	975
SCTG 12, Gravel and crushed stone	**2 161**	**301 228**	**9 965**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	S
100 to 499 lb	S	S	S
500 to 749 lb	S	S	S
750 to 999 lb	S	8	S
1,000 to 9,999 lb	33	1 785	33
10,000 to 49,999 lb	982	121 013	4 218
50,000 to 99,999 lb	789	126 053	3 395
100,000 lb or more	340	52 348	2 318
SCTG 13, Nonmetallic minerals n.e.c.	**1 786**	**18 236**	**10 552**
Less than 50 lb	6	1	–
50 to 99 lb	S	S	–
100 to 499 lb	21	11	1
500 to 749 lb	14	11	S
750 to 999 lb	S	1	S
1,000 to 9,999 lb	S	534	31
10,000 to 49,999 lb	821	6 276	2 930
50,000 to 99,999 lb	S	3 239	S
100,000 lb or more	453	8 161	6 626
SCTG 14, Metallic ores and concentrates	**6 233**	**12 218**	**2 139**
Less than 50 lb	14	S	–
50 to 99 lb	S	–	–
100 to 499 lb	130	2	S
500 to 749 lb	S	1	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	447	51	18
10,000 to 49,999 lb	1 585	1 027	469
50,000 to 99,999 lb	645	520	161
100,000 lb or more	3 058	10 615	1 489
SCTG 15, Coal	**4 987**	**401 966**	**346 957**
Less than 50 lb	–	–	–
50 to 99 lb	–	–	–
100 to 499 lb	–	–	S
500 to 749 lb	S	S	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	S	37	2
10,000 to 49,999 lb	S	379	30
50,000 to 99,999 lb	223	13 325	1 119
100,000 lb or more	4 723	388 223	345 806

See footnotes at end of table.

Table 9. **Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Region: 1997**—Con.

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

SCTG code, description, and shipment size	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 17, Gasoline and aviation turbine fuel	**55 026**	**193 333**	**18 562**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	–
100 to 499 lb	S	45	1
500 to 749 lb	19	43	1
750 to 999 lb	26	57	2
1,000 to 9,999 lb	S	4 734	267
10,000 to 49,999 lb	6 059	17 251	2 474
50,000 to 99,999 lb	25 199	85 685	5 796
100,000 lb or more	19 574	85 508	10 021
SCTG 18, Fuel oils	**19 098**	**81 760**	**10 518**
Less than 50 lb	S	1	–
50 to 99 lb	2	2	–
100 to 499 lb	77	108	1
500 to 749 lb	69	155	3
750 to 999 lb	43	140	4
1,000 to 9,999 lb	2 431	5 185	203
10,000 to 49,999 lb	2 751	10 136	733
50,000 to 99,999 lb	6 220	23 774	1 939
100,000 lb or more	7 502	42 258	7 635
SCTG 19, Coal and petroleum products, n.e.c.	**10 499**	**86 898**	**24 844**
Less than 50 lb	117	31	2
50 to 99 lb	114	33	1
100 to 499 lb	436	389	16
500 to 749 lb	185	S	6
750 to 999 lb	174	264	9
1,000 to 9,999 lb	1 159	2 251	99
10,000 to 49,999 lb	2 698	22 239	2 072
50,000 to 99,999 lb	1 719	15 238	1 788
100,000 lb or more	3 896	46 203	S
SCTG 20, Basic chemicals	**13 304**	**38 463**	**22 149**
Less than 50 lb	1 506	47	36
50 to 99 lb	515	45	17
100 to 499 lb	1 369	392	59
500 to 749 lb	497	187	S
750 to 999 lb	272	136	33
1,000 to 9,999 lb	2 729	1 602	315
10,000 to 49,999 lb	3 604	11 538	2 574
50,000 to 99,999 lb	545	7 599	1 205
100,000 lb or more	2 266	16 917	17 870
SCTG 21, Pharmaceutical products	**31 858**	**1 086**	**688**
Less than 50 lb	15 176	116	64
50 to 99 lb	3 215	51	20
100 to 499 lb	5 559	163	52
500 to 749 lb	1 030	56	23
750 to 999 lb	475	33	13
1,000 to 9,999 lb	3 646	302	168
10,000 to 49,999 lb	2 693	357	329
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	S
SCTG 22, Fertilizers	**4 108**	**27 911**	**9 855**
Less than 50 lb	S	S	S
50 to 99 lb	4	3	–
100 to 499 lb	33	27	1
500 to 749 lb	17	17	1
750 to 999 lb	10	13	1
1,000 to 9,999 lb	503	1 462	53
10,000 to 49,999 lb	1 560	10 157	1 176
50,000 to 99,999 lb	868	6 234	1 540
100,000 lb or more	1 105	9 996	7 081
SCTG 23, Chemical products and preparations, n.e.c.	**34 121**	**12 446**	**6 090**
Less than 50 lb	3 630	171	51
50 to 99 lb	1 595	132	40
100 to 499 lb	5 237	569	152
500 to 749 lb	1 740	265	90
750 to 999 lb	924	180	59
1,000 to 9,999 lb	7 760	2 102	838
10,000 to 49,999 lb	11 541	7 142	3 514
50,000 to 99,999 lb	422	1 008	101
100,000 lb or more	S	878	1 247
SCTG 24, Plastics and rubber	**31 793**	**9 405**	**4 513**
Less than 50 lb	5 233	224	134
50 to 99 lb	1 819	164	59
100 to 499 lb	5 068	721	248
500 to 749 lb	1 524	288	99
750 to 999 lb	1 178	245	104
1,000 to 9,999 lb	9 976	3 448	1 308
10,000 to 49,999 lb	6 435	3 412	2 103
50,000 to 99,999 lb	276	425	115
100,000 lb or more	283	478	S

See footnotes at end of table.

Table 9. **Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Region: 1997**—Con.

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

SCTG code, description, and shipment size	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 25, Logs and other wood in the rough	**7 341**	**107 582**	**7 831**
Less than 50 lb	S	–	S
50 to 99 lb	S	S	S
100 to 499 lb	8	S	S
500 to 749 lb	S	S	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	501	775	42
10,000 to 49,999 lb	1 456	16 485	1 261
50,000 to 99,999 lb	3 898	76 733	3 890
100,000 lb or more	1 467	13 566	2 634
SCTG 26, Wood products	**36 013**	**83 250**	**39 190**
Less than 50 lb	336	26	10
50 to 99 lb	232	32	6
100 to 499 lb	1 070	268	62
500 to 749 lb	511	162	S
750 to 999 lb	311	128	17
1,000 to 9,999 lb	5 152	4 569	596
10,000 to 49,999 lb	15 271	29 410	11 895
50,000 to 99,999 lb	7 081	22 342	6 169
100,000 lb or more	6 049	26 313	20 399
SCTG 27, Pulp, newsprint, paper, and paperboard	**14 163**	**18 616**	**10 635**
Less than 50 lb	287	25	5
50 to 99 lb	199	42	5
100 to 499 lb	1 043	306	36
500 to 749 lb	349	157	12
750 to 999 lb	268	130	16
1,000 to 9,999 lb	2 945	1 681	290
10,000 to 49,999 lb	5 005	7 608	4 047
50,000 to 99,999 lb	1 113	2 134	621
100,000 lb or more	2 953	6 534	5 602
SCTG 28, Paper or paperboard articles	**17 835**	**18 536**	**4 861**
Less than 50 lb	779	62	30
50 to 99 lb	302	66	12
100 to 499 lb	1 486	472	61
500 to 749 lb	562	250	32
750 to 999 lb	366	193	49
1,000 to 9,999 lb	4 716	3 062	523
10,000 to 49,999 lb	8 785	12 849	3 605
50,000 to 99,999 lb	197	422	129
100,000 lb or more	643	1 160	419
SCTG 29, Printed products	**33 211**	**12 936**	**3 768**
Less than 50 lb	8 343	660	263
50 to 99 lb	2 044	322	107
100 to 499 lb	5 448	956	441
500 to 749 lb	1 630	375	211
750 to 999 lb	1 080	264	163
1,000 to 9,999 lb	8 211	4 246	1 482
10,000 to 49,999 lb	5 872	5 039	820
50,000 to 99,999 lb	399	509	29
100,000 lb or more	183	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**68 663**	**4 989**	**3 676**
Less than 50 lb	14 625	332	460
50 to 99 lb	3 676	152	196
100 to 499 lb	8 895	563	428
500 to 749 lb	3 331	259	181
750 to 999 lb	3 083	267	130
1,000 to 9,999 lb	22 205	1 801	1 251
10,000 to 49,999 lb	12 025	1 260	795
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	S
SCTG 31, Nonmetallic mineral products	**20 855**	**181 652**	**18 648**
Less than 50 lb	943	64	37
50 to 99 lb	399	54	23
100 to 499 lb	1 350	313	102
500 to 749 lb	432	136	28
750 to 999 lb	238	104	13
1,000 to 9,999 lb	3 324	6 407	701
10,000 to 49,999 lb	10 563	122 931	8 500
50,000 to 99,999 lb	2 382	30 987	3 308
100,000 lb or more	1 225	20 656	5 936
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**38 191**	**29 600**	**14 712**
Less than 50 lb	1 577	68	S
50 to 99 lb	809	72	19
100 to 499 lb	2 849	501	99
500 to 749 lb	1 137	285	62
750 to 999 lb	669	237	41
1,000 to 9,999 lb	8 900	4 383	1 056
10,000 to 49,999 lb	13 897	14 399	6 258
50,000 to 99,999 lb	1 808	2 777	815
100,000 lb or more	6 546	6 878	6 318

See footnotes at end of table.

Table 9. **Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Region: 1997**—Con.

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

SCTG code, description, and shipment size	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 33, Articles of base metal	**36 646**	**14 161**	**7 826**
Less than 50 lb	6 894	210	100
50 to 99 lb	2 015	138	41
100 to 499 lb	5 379	725	231
500 to 749 lb	1 480	282	119
750 to 999 lb	916	227	67
1,000 to 9,999 lb	10 258	4 042	1 762
10,000 to 49,999 lb	8 203	6 637	3 390
50,000 to 99,999 lb	713	629	639
100,000 lb or more	788	1 271	1 477
SCTG 34, Machinery	**54 232**	**4 737**	**3 993**
Less than 50 lb	10 474	213	110
50 to 99 lb	3 192	125	47
100 to 499 lb	9 166	639	350
500 to 749 lb	2 558	211	114
750 to 999 lb	1 750	119	77
1,000 to 9,999 lb	14 357	1 157	916
10,000 to 49,999 lb	10 981	1 340	1 171
50,000 to 99,999 lb	1 438	201	169
100,000 lb or more	317	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**284 101**	**7 030**	**6 876**
Less than 50 lb	92 441	534	417
50 to 99 lb	26 915	327	218
100 to 499 lb	61 245	1 168	773
500 to 749 lb	16 969	334	282
750 to 999 lb	10 263	296	231
1,000 to 9,999 lb	57 411	2 702	3 484
10,000 to 49,999 lb	18 365	1 565	1 417
50,000 to 99,999 lb	S	29	26
100,000 lb or more	229	S	27
SCTG 36, Motorized and other vehicles (including parts)	**49 615**	**6 310**	**3 756**
Less than 50 lb	5 830	239	99
50 to 99 lb	1 952	130	54
100 to 499 lb	7 418	523	225
500 to 749 lb	3 301	214	76
750 to 999 lb	2 142	125	61
1,000 to 9,999 lb	11 151	1 305	674
10,000 to 49,999 lb	13 506	2 190	2 093
50,000 to 99,999 lb	917	784	314
100,000 lb or more	S	800	S
SCTG 37, Transportation equipment, n.e.c.	**67 711**	**715**	**457**
Less than 50 lb	7 849	19	15
50 to 99 lb	6 207	11	11
100 to 499 lb	5 614	47	52
500 to 749 lb	1 709	9	6
750 to 999 lb	300	11	S
1,000 to 9,999 lb	4 511	112	114
10,000 to 49,999 lb	3 735	174	120
50,000 to 99,999 lb	6 048	23	9
100,000 lb or more	31 736	309	114
SCTG 38, Precision instruments and apparatus	**42 897**	**593**	**545**
Less than 50 lb	16 725	68	82
50 to 99 lb	4 028	27	28
100 to 499 lb	9 775	109	105
500 to 749 lb	2 533	39	35
750 to 999 lb	1 345	25	21
1,000 to 9,999 lb	7 590	273	209
10,000 to 49,999 lb	901	52	66
50,000 to 99,999 lb	–	–	–
100,000 lb or more	–	–	–
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**16 890**	**3 050**	**2 349**
Less than 50 lb	884	45	38
50 to 99 lb	805	61	48
100 to 499 lb	3 712	420	183
500 to 749 lb	1 355	191	80
750 to 999 lb	878	140	77
1,000 to 9,999 lb	6 595	1 245	833
10,000 to 49,999 lb	2 582	883	965
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	13	S
SCTG 40, Miscellaneous manufactured products	**101 666**	**15 041**	**8 687**
Less than 50 lb	25 708	411	485
50 to 99 lb	5 106	207	187
100 to 499 lb	13 277	804	558
500 to 749 lb	3 641	310	271
750 to 999 lb	2 039	179	116
1,000 to 9,999 lb	20 485	4 424	S
10,000 to 49,999 lb	S	6 611	2 931
50,000 to 99,999 lb	S	S	S
100,000 lb or more	304	744	67

See footnotes at end of table.

Table 9. **Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Region: 1997**—Con.

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

SCTG code, description, and shipment size	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 41, Waste and scrap	**5 714**	**36 630**	**9 155**
Less than 50 lb	S	S	–
50 to 99 lb	S	–	–
100 to 499 lb	1	1	–
500 to 749 lb	S	S	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	650	988	S
10,000 to 49,999 lb	3 571	17 118	3 117
50,000 to 99,999 lb	417	4 754	849
100,000 lb or more	1 068	13 763	5 082
SCTG 43, Mixed freight	**53 990**	**27 044**	**3 207**
Less than 50 lb	851	50	27
50 to 99 lb	383	52	17
100 to 499 lb	2 325	587	69
500 to 749 lb	964	355	43
750 to 999 lb	1 092	327	39
1,000 to 9,999 lb	15 273	5 128	649
10,000 to 49,999 lb	30 104	18 781	2 028
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	S
Commodity unknown	**7 765**	**8 631**	**1 499**
Less than 50 lb	1 102	17	10
50 to 99 lb	606	14	7
100 to 499 lb	1 333	82	19
500 to 749 lb	286	28	13
750 to 999 lb	180	27	9
1,000 to 9,999 lb	1 707	357	142
10,000 to 49,999 lb	1 521	2 620	607
50,000 to 99,999 lb	204	S	71
100,000 lb or more	S	S	621

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons. Some unpublished estimates can be derived from other data published in this table. However, figures obtained in this manner are subject to these same limitations.

Note: Data exclude shipments of SCTG 16, Crude Petroleum. See the section "Industry Coverage" for additional information.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997

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

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles[1]			50 to 99 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Average miles per shipment	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
All commodities	**1 367 369**	**2 101 462**	**717 301**	**605**	**524 269**	**1 235 920**	**25 933**	**99 970**	**165 073**	**16 541**
Less than 50 lb	225 063	4 450	2 611	725	64 551	2 439	43	10 878	245	23
50 to 99 lb	68 959	2 942	1 235	418	22 652	1 815	32	3 335	185	17
100 to 499 lb	174 439	16 362	4 862	301	69 778	10 938	205	11 303	1 277	119
500 to 749 lb	53 898	7 721	2 114	270	22 461	5 217	104	2 762	619	58
750 to 999 lb	34 383	6 215	1 612	259	13 648	4 150	81	1 890	554	53
1,000 to 9,999 lb	283 348	105 775	30 105	289	115 184	69 243	1 402	20 411	8 565	796
10,000 to 49,999 lb	324 508	605 495	127 734	208	112 207	422 725	9 481	35 064	44 600	4 131
50,000 to 99,999 lb	80 405	484 946	43 178	87	45 687	358 878	8 531	9 037	56 426	5 622
100,000 lb or more	122 366	867 556	503 850	643	58 103	360 514	6 055	5 290	52 602	5 722
SCTG 01, Live animals and live fish	**S**	**S**	**S**	**1 107**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	S	S	55	S	S	S	–	–	–
50 to 99 lb	S	S	S	1 223	S	S	S	–	–	–
100 to 499 lb	S	S	S	1 240	S	S	S	S	S	S
500 to 749 lb	S	S	S	1 669	S	S	S	–	–	–
750 to 999 lb	S	S	S	8	S	S	S	–	–	–
1,000 to 9,999 lb	S	9	S	1 537	S	4	S	–	–	–
10,000 to 49,999 lb	S	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	467	S	S	S	S	S	S
100,000 lb or more	S	S	S	556	–	–	–	–	–	–
SCTG 02, Cereal grains	**10 055**	**74 700**	**11 617**	**148**	**6 492**	**48 128**	**427**	**398**	**3 115**	**332**
Less than 50 lb	S	S	S	489	S	S	S	S	S	S
50 to 99 lb	1	S	–	S	S	S	S	–	–	–
100 to 499 lb	15	20	S	S	13	17	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	34	S	S	S	S	S	S
1,000 to 9,999 lb	212	380	29	112	175	329	6	S	S	S
10,000 to 49,999 lb	415	1 944	483	178	185	1 160	39	44	208	24
50,000 to 99,999 lb	1 209	10 546	1 659	161	487	4 111	175	233	2 005	196
100,000 lb or more	8 186	61 777	9 443	628	5 617	42 478	206	S	887	S
SCTG 03, Other agricultural products	**27 514**	**31 750**	**22 561**	**284**	**9 861**	**13 145**	**224**	**1 945**	**2 106**	**195**
Less than 50 lb	S	S	17	S	S	S	S	19	2	–
50 to 99 lb	309	101	S	235	187	80	1	11	4	–
100 to 499 lb	1 832	953	144	159	1 027	736	10	175	83	8
500 to 749 lb	711	498	55	S	374	362	5	79	58	6
750 to 999 lb	473	330	41	123	283	267	4	39	23	2
1,000 to 9,999 lb	6 163	7 192	4 304	554	2 906	3 765	55	637	562	50
10,000 to 49,999 lb	13 985	16 491	15 126	863	3 398	4 612	110	800	899	82
50,000 to 99,999 lb	1 033	1 932	882	439	380	806	17	89	337	33
100,000 lb or more	2 210	4 147	1 968	1 076	766	2 422	19	S	S	S
SCTG 04, Animal feed and products of animal origin, n.e.c.	**9 001**	**31 114**	**5 687**	**174**	**4 517**	**18 448**	**591**	**957**	**2 954**	**262**
Less than 50 lb	30	13	S	371	17	9	S	1	–	–
50 to 99 lb	47	S	S	S	27	S	S	S	–	–
100 to 499 lb	333	270	S	158	192	210	4	25	14	1
500 to 749 lb	208	145	S	155	117	99	2	14	11	1
750 to 999 lb	S	102	S	374	54	70	1	S	S	S
1,000 to 9,999 lb	1 018	1 925	176	83	578	1 336	38	149	216	20
10,000 to 49,999 lb	5 375	18 362	3 319	158	2 598	10 918	367	546	1 861	164
50,000 to 99,999 lb	1 152	7 096	706	98	699	4 589	152	183	779	70
100,000 lb or more	708	3 157	1 365	526	234	1 177	25	32	66	6
SCTG 05, Meat, fish, seafood, and their preparations	**37 521**	**13 744**	**5 266**	**102**	**18 918**	**7 326**	**164**	**3 112**	**1 141**	**113**
Less than 50 lb	871	91	7	S	755	80	1	35	4	–
50 to 99 lb	962	136	11	78	790	116	2	69	9	1
100 to 499 lb	4 101	881	83	94	3 075	686	12	411	94	9
500 to 749 lb	1 491	374	42	113	1 089	281	5	125	40	4
750 to 999 lb	1 138	313	33	105	845	234	5	74	25	2
1,000 to 9,999 lb	11 515	3 652	888	208	6 179	2 131	41	1 110	385	38
10,000 to 49,999 lb	15 416	6 987	3 243	450	5 451	3 294	80	1 023	419	42
50,000 to 99,999 lb	602	452	149	278	253	S	S	S	S	S
100,000 lb or more	1 423	858	812	800	S	233	S	S	S	S
SCTG 06, Milled grain products and preparations, and bakery products	**19 321**	**16 602**	**6 747**	**98**	**8 107**	**7 296**	**186**	**1 904**	**1 525**	**138**
Less than 50 lb	338	120	6	S	296	S	1	7	2	–
50 to 99 lb	315	124	6	S	268	108	1	21	S	S
100 to 499 lb	1 546	624	51	75	1 202	501	9	111	44	4
500 to 749 lb	620	325	29	90	443	248	5	79	38	4
750 to 999 lb	380	262	41	158	189	141	3	65	S	S
1,000 to 9,999 lb	4 948	2 958	789	225	2 166	1 484	31	537	266	25
10,000 to 49,999 lb	9 619	9 090	4 305	434	2 803	3 290	S	871	846	76
50,000 to 99,999 lb	748	1 406	222	157	390	880	22	S	S	S
100,000 lb or more	807	1 694	1 299	1 073	351	S	S	S	S	S

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

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

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles[1]			50 to 99 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Average miles per shipment	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 07, Other prepared foodstuffs and fats and oils	**60 399**	**74 454**	**28 332**	**86**	**26 776**	**41 024**	**919**	**5 292**	**6 651**	**617**
Less than 50 lb	863	S	26	S	612	S	S	36	6	1
50 to 99 lb	644	169	17	107	469	141	3	37	10	1
100 to 499 lb	3 389	1 384	121	85	2 369	1 108	22	298	112	11
500 to 749 lb	1 303	735	65	89	873	583	12	153	59	5
750 to 999 lb	1 123	662	62	92	752	500	10	113	50	5
1,000 to 9,999 lb	12 693	11 192	1 593	134	7 221	7 764	163	1 329	1 126	104
10,000 to 49,999 lb	33 153	44 815	16 405	311	11 960	23 787	574	2 909	4 389	395
50,000 to 99,999 lb	3 806	9 612	1 860	162	1 943	5 466	99	373	849	91
100,000 lb or more	3 425	5 466	8 183	1 853	577	1 282	31	S	S	S
SCTG 08, Alcoholic beverages	**26 774**	**24 246**	**15 560**	**140**	**13 905**	**10 472**	**217**	**2 421**	**1 966**	**173**
Less than 50 lb	368	49	S	541	173	25	1	32	5	1
50 to 99 lb	306	86	5	60	201	67	1	36	8	1
100 to 499 lb	2 549	1 236	54	45	1 961	1 054	21	301	97	9
500 to 749 lb	1 022	699	24	34	868	637	12	95	40	4
750 to 999 lb	853	627	24	38	708	572	10	91	40	4
1,000 to 9,999 lb	7 250	5 690	411	58	5 832	5 038	89	584	318	31
10,000 to 49,999 lb	9 950	8 787	6 292	624	2 920	2 529	68	961	900	76
50,000 to 99,999 lb	1 903	1 719	574	328	S	S	S	295	519	44
100,000 lb or more	2 572	5 353	8 151	1 487	S	S	1	S	S	S
SCTG 09, Tobacco products	**2 666**	**191**	**29**	**587**	**1 237**	**80**	**2**	**498**	**S**	**S**
Less than 50 lb	446	10	S	801	107	3	–	35	1	–
50 to 99 lb	203	6	S	318	108	3	–	38	1	–
100 to 499 lb	941	41	4	107	462	22	1	196	9	1
500 to 749 lb	222	16	2	113	61	6	–	61	5	–
750 to 999 lb	226	17	2	90	S	11	–	32	3	–
1,000 to 9,999 lb	525	60	9	147	304	34	1	62	8	1
10,000 to 49,999 lb	S	S	S	120	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–	–
SCTG 10, Monumental or building stone	**456**	**1 814**	**150**	**S**	**S**	**1 397**	**S**	**S**	**110**	**10**
Less than 50 lb	S	S	S	1 033	S	S	S	–	–	–
50 to 99 lb	S	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	3	S	495	S	2	–	S	S	S
500 to 749 lb	S	S	S	22	S	S	S	S	S	S
750 to 999 lb	S	S	S	26	S	S	S	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	729	S	94	S	509	12	S	82	7
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	23	S	S	S	S	–	–	–
SCTG 11, Natural sands	**704**	**66 334**	**2 720**	**47**	**549**	**60 316**	**1 340**	**30**	**3 323**	**291**
Less than 50 lb	S	S	S	S	S	S	S	–	–	–
50 to 99 lb	S	S	S	18	S	S	S	–	–	–
100 to 499 lb	S	4	S	235	S	3	–	S	S	S
500 to 749 lb	2	3	S	103	1	2	–	S	S	S
750 to 999 lb	2	1	S	318	S	S	–	S	S	S
1,000 to 9,999 lb	43	434	17	43	21	370	5	1	S	S
10,000 to 49,999 lb	265	19 010	711	39	200	17 692	348	7	476	39
50,000 to 99,999 lb	193	20 780	1 015	49	151	18 213	447	16	1 410	125
100,000 lb or more	191	26 102	975	S	173	24 035	S	S	S	S
SCTG 12, Gravel and crushed stone	**2 161**	**301 228**	**9 965**	**30**	**1 990**	**284 647**	**6 466**	**83**	**8 726**	**855**
Less than 50 lb	S	S	S	36	S	S	S	–	–	–
50 to 99 lb	S	S	S	14	S	S	S	–	–	–
100 to 499 lb	S	S	S	29	S	S	S	–	–	–
500 to 749 lb	S	S	S	23	S	S	S	S	S	S
750 to 999 lb	S	8	S	15	S	8	S	–	–	–
1,000 to 9,999 lb	33	1 785	33	19	31	1 736	26	S	43	4
10,000 to 49,999 lb	982	121 013	4 218	34	908	114 174	2 432	28	3 238	305
50,000 to 99,999 lb	789	126 053	3 395	27	719	121 025	2 625	45	3 470	340
100,000 lb or more	340	52 348	2 318	34	315	47 682	1 382	9	1 974	207
SCTG 13, Nonmetallic minerals n.e.c.	**1 786**	**18 236**	**10 552**	**306**	**S**	**7 575**	**163**	**45**	**1 112**	**98**
Less than 50 lb	6	1	–	S	S	–	S	S	S	S
50 to 99 lb	S	S	–	S	S	S	S	S	S	S
100 to 499 lb	21	11	1	75	13	10	–	S	S	S
500 to 749 lb	14	11	S	195	S	4	S	S	S	S
750 to 999 lb	S	1	S	190	–	1	S	S	S	S
1,000 to 9,999 lb	S	534	31	S	S	S	4	6	S	S
10,000 to 49,999 lb	821	6 276	2 930	450	S	S	S	21	292	27
50,000 to 99,999 lb	S	3 239	S	307	S	1 404	30	10	476	41
100,000 lb or more	453	8 161	6 626	1 201	S	S	S	S	S	S

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

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

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles[1]			50 to 99 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Average miles per shipment	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 14, Metallic ores and concentrates	**6 233**	**12 218**	**2 139**	**292**	**1 184**	**7 984**	**33**	**844**	**1 314**	**134**
Less than 50 lb	14	S	–	S	S	S	S	S	S	S
50 to 99 lb	S	–	–	S	S	–	S	S	S	S
100 to 499 lb	130	2	S	654	S	1	–	S	S	S
500 to 749 lb	S	1	S	721	S	–	S	S	S	S
750 to 999 lb	S	S	S	253	S	S	S	–	–	–
1,000 to 9,999 lb	447	51	18	S	S	S	–	S	S	S
10,000 to 49,999 lb	1 585	1 027	469	441	147	S	S	144	236	24
50,000 to 99,999 lb	645	520	161	302	64	78	3	S	S	S
100,000 lb or more	3 058	10 615	1 489	255	852	S	17	S	S	S
SCTG 15, Coal	**4 987**	**401 966**	**346 957**	**S**	**1 318**	**71 544**	**1 072**	**562**	**23 776**	**2 636**
Less than 50 lb	–	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	S	10	–	–	S	–	–	–
500 to 749 lb	S	S	S	12	S	S	S	–	–	–
750 to 999 lb	S	S	S	30	S	S	S	–	–	–
1,000 to 9,999 lb	S	37	2	42	S	32	1	S	S	S
10,000 to 49,999 lb	S	379	30	93	11	291	6	S	10	2
50,000 to 99,999 lb	223	13 325	1 119	84	145	7 114	276	S	S	S
100,000 lb or more	4 723	388 223	345 806	491	1 159	64 106	789	513	19 884	2 261
SCTG 17, Gasoline and aviation turbine fuel	**55 026**	**193 333**	**18 562**	**71**	**43 111**	**149 161**	**2 364**	**4 279**	**15 134**	**1 243**
Less than 50 lb	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	–	S	S	S	–	–	–	–
100 to 499 lb	S	45	1	14	S	44	1	S	S	S
500 to 749 lb	19	43	1	31	18	41	1	S	S	S
750 to 999 lb	26	57	2	28	25	55	1	S	S	S
1,000 to 9,999 lb	S	4 734	267	49	S	4 146	90	S	226	22
10,000 to 49,999 lb	6 059	17 251	2 474	141	4 165	11 455	218	614	1 691	172
50,000 to 99,999 lb	25 199	85 685	5 796	70	20 903	70 805	1 463	2 131	7 007	657
100,000 lb or more	19 574	85 508	10 021	163	14 231	62 606	589	S	S	S
SCTG 18, Fuel oils	**19 098**	**81 760**	**10 518**	**43**	**14 017**	**57 268**	**921**	**1 640**	**7 192**	**664**
Less than 50 lb	S	1	–	31	S	1	–	S	S	S
50 to 99 lb	2	2	–	30	2	2	–	S	S	S
100 to 499 lb	77	108	1	S	66	107	1	S	S	S
500 to 749 lb	69	155	3	21	56	146	2	S	S	S
750 to 999 lb	43	140	4	25	39	124	2	S	S	S
1,000 to 9,999 lb	2 431	5 185	203	32	2 192	4 694	106	127	286	27
10,000 to 49,999 lb	2 751	10 136	733	68	2 208	7 953	159	231	848	86
50,000 to 99,999 lb	6 220	23 774	1 939	83	4 468	16 376	303	823	3 690	344
100,000 lb or more	7 502	42 258	7 635	271	4 982	27 865	348	435	2 357	207
SCTG 19, Coal and petroleum products, n.e.c.	**10 499**	**86 898**	**24 844**	**52**	**5 928**	**51 338**	**1 252**	**840**	**9 210**	**S**
Less than 50 lb	117	31	2	S	86	27	–	S	S	S
50 to 99 lb	114	33	1	40	108	30	–	S	1	–
100 to 499 lb	436	389	16	40	357	337	6	33	20	2
500 to 749 lb	185	S	6	24	163	S	S	4	3	–
750 to 999 lb	174	264	9	34	138	226	3	19	25	3
1,000 to 9,999 lb	1 159	2 251	99	34	927	2 027	34	87	95	10
10,000 to 49,999 lb	2 698	22 239	2 072	88	1 368	17 834	393	231	968	96
50,000 to 99,999 lb	1 719	15 238	1 788	114	930	9 521	211	164	1 210	126
100,000 lb or more	3 896	46 203	S	615	1 852	21 094	S	S	S	S
SCTG 20, Basic chemicals	**13 304**	**38 463**	**22 149**	**650**	**4 643**	**15 581**	**539**	**881**	**4 418**	**476**
Less than 50 lb	1 506	47	36	993	440	21	–	60	2	–
50 to 99 lb	515	45	17	364	156	29	–	23	2	–
100 to 499 lb	1 369	392	59	144	647	315	6	50	25	2
500 to 749 lb	497	187	S	199	243	148	3	27	10	1
750 to 999 lb	272	136	33	252	105	91	2	S	19	S
1,000 to 9,999 lb	2 729	1 602	315	182	1 280	1 123	24	275	159	14
10,000 to 49,999 lb	3 604	11 538	2 574	223	1 329	6 870	211	304	1 621	160
50,000 to 99,999 lb	545	7 599	1 205	152	185	3 717	163	93	1 905	233
100,000 lb or more	2 266	16 917	17 870	1 103	259	3 268	130	28	S	S
SCTG 21, Pharmaceutical products	**31 858**	**1 086**	**688**	**917**	**12 800**	**509**	**10**	**3 024**	**80**	**7**
Less than 50 lb	15 176	116	64	955	5 288	39	1	1 420	17	2
50 to 99 lb	3 215	51	20	392	1 046	20	1	398	8	1
100 to 499 lb	5 559	163	52	304	2 260	83	3	858	23	2
500 to 749 lb	1 030	56	23	429	405	31	1	S	3	–
750 to 999 lb	475	33	13	409	241	14	–	58	8	1
1,000 to 9,999 lb	3 646	302	168	546	1 864	143	3	S	18	2
10,000 to 49,999 lb	2 693	357	329	626	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	2 757	S	S	S	–	–	–
100,000 lb or more	S	S	S	20	S	S	S	–	–	–

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

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

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles[1]			50 to 99 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Average miles per shipment	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 22, Fertilizers	**4 108**	**27 911**	**9 855**	**104**	**2 398**	**15 331**	**458**	**292**	**2 731**	**240**
Less than 50 lb	S	S	S	S	5	S	–	S	S	S
50 to 99 lb	4	3	–	35	3	2	–	S	–	–
100 to 499 lb	33	27	1	43	23	25	S	2	1	–
500 to 749 lb	17	17	1	52	13	15	–	S	1	–
750 to 999 lb	10	13	1	54	8	11	–	S	S	S
1,000 to 9,999 lb	503	1 462	53	42	443	1 366	27	18	39	4
10,000 to 49,999 lb	1 560	10 157	1 176	89	1 135	6 943	S	116	1 362	115
50,000 to 99,999 lb	868	6 234	1 540	251	391	2 682	88	111	1 092	99
100,000 lb or more	1 105	9 996	7 081	786	377	4 286	122	S	235	22
SCTG 23, Chemical products and preparations, n.e.c.	**34 121**	**12 446**	**6 090**	**339**	**14 210**	**5 246**	**111**	**2 316**	**928**	**85**
Less than 50 lb	3 630	171	51	353	1 611	94	2	273	16	1
50 to 99 lb	1 595	132	40	299	804	75	1	130	10	1
100 to 499 lb	5 237	569	152	274	2 534	308	7	716	89	8
500 to 749 lb	1 740	265	90	340	851	164	4	174	20	2
750 to 999 lb	924	180	59	330	539	106	2	39	18	2
1,000 to 9,999 lb	7 760	2 102	838	421	3 201	993	23	529	164	15
10,000 to 49,999 lb	11 541	7 142	3 514	454	3 338	2 686	57	393	396	35
50,000 to 99,999 lb	422	1 008	101	94	S	644	11	61	214	20
100,000 lb or more	S	878	1 247	1 407	S	177	S	S	S	S
SCTG 24, Plastics and rubber	**31 793**	**9 405**	**4 513**	**539**	**13 745**	**4 251**	**94**	**2 197**	**767**	**74**
Less than 50 lb	5 233	224	134	614	2 608	122	2	287	14	1
50 to 99 lb	1 819	164	59	354	975	102	2	108	13	1
100 to 499 lb	5 068	721	248	343	2 578	452	8	355	54	5
500 to 749 lb	1 524	288	99	339	790	179	4	64	16	2
750 to 999 lb	1 178	245	104	420	484	122	3	61	14	1
1,000 to 9,999 lb	9 976	3 448	1 308	375	4 175	1 668	38	835	333	31
10,000 to 49,999 lb	6 435	3 412	2 103	557	1 873	1 101	30	457	261	23
50,000 to 99,999 lb	276	425	115	S	S	S	4	21	S	S
100,000 lb or more	283	478	S	377	S	S	2	S	S	S
SCTG 25, Logs and other wood in the rough	**7 341**	**107 582**	**7 831**	**65**	**5 013**	**84 700**	**2 659**	**1 217**	**15 104**	**1 589**
Less than 50 lb	S	–	S	580	S	S	S	–	–	–
50 to 99 lb	S	S	S	S	S	S	S	–	–	–
100 to 499 lb	8	S	S	259	S	S	S	S	S	S
500 to 749 lb	S	S	S	171	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	501	775	42	59	369	639	18	83	79	8
10,000 to 49,999 lb	1 456	16 485	1 261	77	1 023	13 916	664	116	1 363	152
50,000 to 99,999 lb	3 898	76 733	3 890	52	2 762	60 798	1 593	782	11 328	1 194
100,000 lb or more	1 467	13 566	2 634	S	849	9 332	383	231	2 331	234
SCTG 26, Wood products	**36 013**	**83 250**	**39 190**	**271**	**12 423**	**33 085**	**823**	**4 078**	**12 479**	**1 234**
Less than 50 lb	336	26	10	387	144	13	–	43	3	–
50 to 99 lb	232	32	6	205	137	20	–	37	4	–
100 to 499 lb	1 070	268	62	208	534	162	3	128	34	3
500 to 749 lb	511	162	S	217	314	105	2	54	17	2
750 to 999 lb	311	128	17	134	186	89	2	48	20	2
1,000 to 9,999 lb	5 152	4 569	596	124	3 242	3 160	61	627	487	47
10,000 to 49,999 lb	15 271	29 410	11 895	340	4 970	12 297	319	1 968	4 288	403
50,000 to 99,999 lb	7 081	22 342	6 169	267	1 958	8 170	255	834	3 745	362
100,000 lb or more	6 049	26 313	20 399	1 295	939	S	S	338	S	S
SCTG 27, Pulp, newsprint, paper, and paperboard	**14 163**	**18 616**	**10 635**	**202**	**6 195**	**5 660**	**141**	**1 189**	**1 605**	**152**
Less than 50 lb	287	25	5	289	202	19	–	19	1	–
50 to 99 lb	199	42	5	122	149	31	1	12	2	–
100 to 499 lb	1 043	306	36	119	798	237	6	55	19	2
500 to 749 lb	349	157	12	77	278	130	3	26	12	1
750 to 999 lb	268	130	16	122	200	100	2	19	11	1
1,000 to 9,999 lb	2 945	1 681	290	160	2 065	1 158	24	245	148	14
10,000 to 49,999 lb	5 005	7 608	4 047	456	1 684	2 628	70	486	710	66
50,000 to 99,999 lb	1 113	2 134	621	271	376	474	13	124	332	35
100,000 lb or more	2 953	6 534	5 602	932	442	884	23	202	369	33
SCTG 28, Paper or paperboard articles	**17 835**	**18 536**	**4 861**	**388**	**8 804**	**11 643**	**297**	**1 543**	**1 660**	**158**
Less than 50 lb	779	62	30	631	382	38	1	22	3	–
50 to 99 lb	302	66	12	191	201	48	1	24	5	–
100 to 499 lb	1 486	472	61	132	1 003	342	7	135	43	4
500 to 749 lb	562	250	32	127	359	185	4	64	21	2
750 to 999 lb	366	193	49	263	209	118	2	41	21	2
1,000 to 9,999 lb	4 716	3 062	523	149	2 812	2 022	40	358	253	24
10,000 to 49,999 lb	8 785	12 849	3 605	284	3 363	S	S	827	1 102	100
50,000 to 99,999 lb	197	422	129	281	68	173	4	20	S	S
100,000 lb or more	643	1 160	419	454	407	716	21	S	S	S

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

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

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles[1]			50 to 99 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Average miles per shipment	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 29, Printed products	**33 211**	**12 936**	**3 768**	**450**	**17 035**	**9 532**	**171**	**1 818**	**527**	**48**
Less than 50 lb	8 343	660	263	455	2 973	411	8	574	46	4
50 to 99 lb	2 044	322	107	329	973	234	4	97	11	1
100 to 499 lb	5 448	956	441	443	2 515	622	12	230	36	3
500 to 749 lb	1 630	375	211	558	764	195	5	80	25	2
750 to 999 lb	1 080	264	163	619	472	146	3	41	10	1
1,000 to 9,999 lb	8 211	4 246	1 482	385	5 050	3 045	60	454	213	19
10,000 to 49,999 lb	5 872	5 039	820	135	3 887	3 990	65	250	165	15
50,000 to 99,999 lb	399	509	29	S	278	461	7	S	S	S
100,000 lb or more	183	S	S	S	122	S	S	S	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**68 663**	**4 989**	**3 676**	**1 358**	**17 700**	**1 978**	**42**	**2 198**	**325**	**30**
Less than 50 lb	14 625	332	460	1 433	1 835	60	1	372	10	1
50 to 99 lb	3 676	152	196	1 280	809	38	1	97	5	–
100 to 499 lb	8 895	563	428	784	2 860	253	5	323	33	3
500 to 749 lb	3 331	259	181	687	928	117	2	170	23	2
750 to 999 lb	3 083	267	130	484	979	155	4	S	20	2
1,000 to 9,999 lb	22 205	1 801	1 251	682	6 859	813	17	705	115	10
10,000 to 49,999 lb	12 025	1 260	795	628	3 299	487	10	243	71	6
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	1 385	S	S	S	–	–	–
SCTG 31, Nonmetallic mineral products	**20 855**	**181 652**	**18 648**	**320**	**11 593**	**139 103**	**2 560**	**2 415**	**16 299**	**1 618**
Less than 50 lb	943	64	37	672	377	33	1	68	6	–
50 to 99 lb	399	54	23	419	137	28	1	41	5	–
100 to 499 lb	1 350	313	102	341	706	181	3	122	33	3
500 to 749 lb	432	136	28	205	214	96	2	40	11	1
750 to 999 lb	238	104	13	123	164	77	1	14	8	1
1,000 to 9,999 lb	3 324	6 407	701	127	1 939	5 322	95	350	414	37
10,000 to 49,999 lb	10 563	122 931	8 500	65	6 423	105 920	1 774	1 088	6 441	585
50,000 to 99,999 lb	2 382	30 987	3 308	108	1 064	14 898	434	644	8 549	862
100,000 lb or more	1 225	20 656	5 936	365	570	12 548	250	S	S	S
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**38 191**	**29 600**	**14 712**	**390**	**14 979**	**13 132**	**291**	**2 816**	**2 692**	**253**
Less than 50 lb	1 577	68	S	588	615	38	1	104	5	–
50 to 99 lb	809	72	19	280	426	51	1	44	5	–
100 to 499 lb	2 849	501	99	215	1 581	383	7	234	33	3
500 to 749 lb	1 137	285	62	219	700	211	4	67	19	2
750 to 999 lb	669	237	41	174	407	179	4	34	18	2
1,000 to 9,999 lb	8 900	4 383	1 056	228	4 602	2 787	61	675	441	40
10,000 to 49,999 lb	13 897	14 399	6 258	405	4 547	5 896	143	1 205	1 632	151
50,000 to 99,999 lb	1 808	2 777	815	290	518	1 018	20	S	S	S
100,000 lb or more	6 546	6 878	6 318	1 184	1 582	S	S	S	S	S
SCTG 33, Articles of base metal	**36 646**	**14 161**	**7 826**	**441**	**15 321**	**5 912**	**127**	**2 622**	**1 291**	**117**
Less than 50 lb	6 894	210	100	483	3 432	119	2	378	14	1
50 to 99 lb	2 015	138	41	301	1 003	90	1	130	9	1
100 to 499 lb	5 379	725	231	295	2 484	459	8	380	51	5
500 to 749 lb	1 480	282	119	421	590	154	3	100	25	2
750 to 999 lb	916	227	67	292	403	137	3	60	20	2
1,000 to 9,999 lb	10 258	4 042	1 762	404	4 528	2 156	43	672	317	29
10,000 to 49,999 lb	8 203	6 637	3 390	468	2 581	2 351	55	864	801	71
50,000 to 99,999 lb	713	629	639	952	144	196	5	10	S	2
100,000 lb or more	788	1 271	1 477	1 029	157	251	6	S	S	S
SCTG 34, Machinery	**54 232**	**4 737**	**3 993**	**449**	**19 530**	**1 717**	**41**	**3 138**	**234**	**24**
Less than 50 lb	10 474	213	110	439	4 873	120	2	779	15	1
50 to 99 lb	3 192	125	47	362	1 574	73	1	264	11	1
100 to 499 lb	9 166	639	350	493	3 916	342	6	613	39	4
500 to 749 lb	2 558	211	114	527	1 004	97	2	144	15	1
750 to 999 lb	1 750	119	77	637	542	54	1	81	8	1
1,000 to 9,999 lb	14 357	1 157	916	815	3 757	343	7	781	77	7
10,000 to 49,999 lb	10 981	1 340	1 171	873	2 804	401	10	468	66	S
50,000 to 99,999 lb	1 438	201	169	873	S	61	1	S	S	S
100,000 lb or more	317	S	S	1 472	118	S	S	S	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**284 101**	**7 030**	**6 876**	**861**	**73 223**	**2 280**	**41**	**12 626**	**379**	**33**
Less than 50 lb	92 441	534	417	895	23 261	242	4	3 622	21	2
50 to 99 lb	26 915	327	218	653	7 654	163	2	891	12	1
100 to 499 lb	61 245	1 168	773	605	18 886	590	9	3 198	56	5
500 to 749 lb	16 969	334	282	836	5 928	140	2	294	20	2
750 to 999 lb	10 263	296	231	775	3 007	127	2	S	12	1
1,000 to 9,999 lb	57 411	2 702	3 484	1 182	10 770	550	11	S	137	13
10,000 to 49,999 lb	18 365	1 565	1 417	912	3 543	399	9	861	118	9
50,000 to 99,999 lb	S	29	26	823	S	S	S	S	S	S
100,000 lb or more	229	S	27	S	133	S	S	–	–	–

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

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

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles[1]			50 to 99 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Average miles per shipment	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 36, Motorized and other vehicles (including parts)	**49 615**	**6 310**	**3 756**	**413**	**16 769**	**1 995**	**40**	**3 204**	**349**	**34**
Less than 50 lb	5 830	239	99	405	2 629	135	2	470	20	2
50 to 99 lb	1 952	130	54	428	710	64	1	246	16	2
100 to 499 lb	7 418	523	225	459	2 350	207	6	801	54	5
500 to 749 lb	3 301	214	76	354	931	65	2	277	24	2
750 to 999 lb	2 142	125	61	495	386	34	1	212	23	2
1,000 to 9,999 lb	11 151	1 305	674	524	4 210	501	11	798	117	12
10,000 to 49,999 lb	13 506	2 190	2 093	831	2 152	585	15	351	65	6
50,000 to 99,999 lb	917	784	314	399	181	46	1	S	S	S
100,000 lb or more	S	800	S	229	S	S	S	S	S	S
SCTG 37, Transportation equipment, n.e.c.	**67 711**	**715**	**457**	**829**	**23 604**	**377**	**6**	**440**	**7**	**1**
Less than 50 lb	7 849	19	15	770	2 254	9	–	236	–	–
50 to 99 lb	6 207	11	11	978	696	3	–	S	–	–
100 to 499 lb	5 614	47	52	1 203	1 841	15	–	41	1	–
500 to 749 lb	1 709	9	6	736	S	3	–	S	S	S
750 to 999 lb	300	11	S	1 578	S	S	S	S	S	S
1,000 to 9,999 lb	4 511	112	114	967	552	20	1	37	4	S
10,000 to 49,999 lb	3 735	174	120	882	227	56	S	S	S	S
50,000 to 99,999 lb	6 048	23	9	S	S	S	S	–	–	–
100,000 lb or more	31 736	309	114	692	S	256	S	–	–	–
SCTG 38, Precision instruments and apparatus	**42 897**	**593**	**545**	**1 312**	**11 272**	**159**	**4**	**1 183**	**23**	**2**
Less than 50 lb	16 725	68	82	1 338	3 389	17	–	549	3	–
50 to 99 lb	4 028	27	28	1 025	1 047	7	–	S	1	–
100 to 499 lb	9 775	109	105	1 009	3 115	37	1	321	6	1
500 to 749 lb	2 533	39	35	857	956	14	–	91	S	S
750 to 999 lb	1 345	25	21	843	486	7	–	S	S	S
1,000 to 9,999 lb	7 590	273	209	772	2 190	74	2	S	S	S
10,000 to 49,999 lb	901	52	66	1 237	90	3	–	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–	–
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**16 890**	**3 050**	**2 349**	**666**	**7 377**	**1 256**	**25**	**909**	**187**	**17**
Less than 50 lb	884	45	38	805	317	19	–	52	3	–
50 to 99 lb	805	61	48	799	273	27	–	53	4	–
100 to 499 lb	3 712	420	183	442	2 077	241	5	245	31	3
500 to 749 lb	1 355	191	80	409	735	108	2	64	13	1
750 to 999 lb	878	140	77	546	440	66	1	33	7	1
1,000 to 9,999 lb	6 595	1 245	833	639	2 882	539	10	357	79	7
10,000 to 49,999 lb	2 582	883	965	1 018	650	253	5	104	49	4
50,000 to 99,999 lb	S	S	S	1 782	S	S	S	S	S	S
100,000 lb or more	S	13	S	1 981	S	S	S	–	–	–
SCTG 40, Miscellaneous manufactured products	**101 666**	**15 041**	**8 687**	**1 307**	**20 743**	**4 314**	**122**	**S**	**2 108**	**178**
Less than 50 lb	25 708	411	485	1 393	4 496	107	2	1 291	19	2
50 to 99 lb	5 106	207	187	891	1 039	67	1	272	12	1
100 to 499 lb	13 277	804	558	727	3 634	368	8	618	65	6
500 to 749 lb	3 641	310	271	849	725	115	3	136	24	2
750 to 999 lb	2 039	179	116	646	536	80	2	91	14	1
1,000 to 9,999 lb	20 485	4 424	S	830	5 617	1 242	38	1 426	421	35
10,000 to 49,999 lb	S	6 611	2 931	419	3 949	1 375	39	S	S	S
50,000 to 99,999 lb	S	S	S	271	S	S	S	S	S	S
100,000 lb or more	304	744	67	132	268	S	S	S	S	S
SCTG 41, Waste and scrap	**5 714**	**36 630**	**9 155**	**160**	**3 324**	**20 851**	**364**	**261**	**3 651**	**379**
Less than 50 lb	S	S	–	S	S	S	S	S	S	S
50 to 99 lb	S	–	–	12	S	–	–	–	–	–
100 to 499 lb	1	1	–	298	1	1	S	–	–	–
500 to 749 lb	S	S	S	57	S	S	S	–	–	–
750 to 999 lb	S	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	650	988	S	S	520	S	10	S	S	S
10,000 to 49,999 lb	3 571	17 118	3 117	160	2 085	11 233	213	140	960	96
50,000 to 99,999 lb	417	4 754	849	180	165	1 216	20	S	S	S
100,000 lb or more	1 068	13 763	5 082	433	547	7 510	120	S	S	S
SCTG 43, Mixed freight	**53 990**	**27 044**	**3 207**	**366**	**29 127**	**14 683**	**417**	**10 319**	**5 621**	**512**
Less than 50 lb	851	50	27	687	431	28	1	66	5	–
50 to 99 lb	383	52	17	352	252	32	1	36	6	1
100 to 499 lb	2 325	587	69	112	1 615	411	7	240	67	6
500 to 749 lb	964	355	43	123	564	229	5	156	50	5
750 to 999 lb	1 092	327	39	118	493	188	5	146	63	6
1,000 to 9,999 lb	15 273	5 128	649	129	8 926	3 049	81	2 425	795	74
10,000 to 49,999 lb	30 104	18 781	2 028	108	16 313	10 376	309	6 766	4 300	390
50,000 to 99,999 lb	S	S	S	197	S	S	S	S	S	S
100,000 lb or more	S	S	S	111	S	S	S	–	–	–

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles[1]			50 to 99 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Average miles per shipment	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
Commodity unknown	**7 765**	**8 631**	**1 499**	**506**	**3 216**	**5 179**	**S**	**S**	**S**	**S**
Less than 50 lb	1 102	17	10	582	382	9	–	18	1	–
50 to 99 lb	606	14	7	469	406	8	–	6	1	–
100 to 499 lb	1 333	82	19	224	S	49	1	68	S	S
500 to 749 lb	286	28	13	456	S	14	–	S	S	S
750 to 999 lb	180	27	9	317	56	16	–	S	S	S
1,000 to 9,999 lb	1 707	357	142	380	S	201	4	S	28	3
10,000 to 49,999 lb	1 521	2 620	607	304	395	1 911	35	66	59	6
50,000 to 99,999 lb	204	S	71	S	61	S	S	S	S	S
100,000 lb or more	S	S	621	614	S	S	S	S	S	S

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

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

SCTG code, description, shipment size, and distance shipped	100 to 249 miles[1]			250 to 499 miles[1]			500 to 749 miles[1]			750 to 999 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
All commodities	**122 501**	**164 182**	**34 322**	**122 934**	**110 030**	**50 876**	**66 269**	**129 411**	**117 801**	**66 415**	**135 871**	**164 474**
Less than 50 lb	11 996	277	56	20 893	245	109	11 833	151	120	13 722	155	171
50 to 99 lb	3 960	217	42	6 368	145	63	3 246	70	55	4 352	89	98
100 to 499 lb	11 545	1 292	250	15 630	707	301	10 053	290	228	8 554	328	359
500 to 749 lb	3 556	606	118	5 396	370	154	1 782	136	103	2 599	125	136
750 to 999 lb	2 485	534	108	2 901	292	121	1 617	106	79	1 413	94	102
1,000 to 9,999 lb	26 538	9 120	1 776	25 256	5 478	2 288	12 005	2 322	1 739	11 606	2 079	2 254
10,000 to 49,999 lb	41 637	49 285	9 723	34 771	30 993	13 308	17 944	14 740	11 243	15 379	12 304	13 538
50,000 to 99,999 lb	12 371	46 324	9 302	4 800	12 862	5 502	1 749	3 733	2 868	1 562	1 688	1 918
100,000 lb or more	8 413	56 527	12 947	6 919	58 938	29 031	6 040	107 862	101 366	7 228	119 010	145 898
SCTG 01, Live animals and live fish	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	S	S	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S	S	S	S	S	S
500 to 749 lb	–	–	–	–	–	–	–	–	–	S	S	S
750 to 999 lb	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	–	–	–	S	S	S	–	–	–	–	–	–
10,000 to 49,999 lb	–	–	–	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	S	S	S	–	–	–	–	–	–
SCTG 02, Cereal grains	**1 384**	**10 796**	**2 521**	**1 057**	**8 506**	**3 624**	**415**	**2 758**	**2 577**	**110**	**713**	**842**
Less than 50 lb	S	S	S	S	S	S	–	–	–	S	S	S
50 to 99 lb	S	S	S	S	S	S	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S	–	–	–
750 to 999 lb	S	S	S	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	5	22	4	S	2	1	S	S	S	S	S	S
10,000 to 49,999 lb	39	278	53	48	144	S	12	39	28	S	S	S
50,000 to 99,999 lb	355	3 236	722	125	S	S	4	27	19	4	29	30
100,000 lb or more	984	7 259	1 742	878	7 224	3 041	398	2 687	2 526	97	677	804
SCTG 03, Other agricultural products	**3 958**	**3 586**	**679**	**2 021**	**2 464**	**1 079**	**900**	**1 227**	**947**	**1 119**	**1 459**	**1 601**
Less than 50 lb	S	S	S	21	1	–	17	1	1	7	S	S
50 to 99 lb	21	6	1	S	S	S	S	S	S	S	S	S
100 to 499 lb	123	S	S	80	10	4	S	S	S	37	5	5
500 to 749 lb	81	49	10	S	10	4	7	S	S	S	S	S
750 to 999 lb	26	23	5	12	3	1	S	S	S	6	S	S
1,000 to 9,999 lb	623	579	114	377	365	145	156	203	152	205	188	201
10,000 to 49,999 lb	1 886	1 903	362	1 310	1 822	814	491	859	672	803	1 211	1 330
50,000 to 99,999 lb	301	342	64	48	101	43	S	S	S	S	S	S
100,000 lb or more	833	607	109	101	152	67	S	S	65	S	S	S
SCTG 04, Animal feed and products of animal origin, n.e.c.	**1 581**	**5 900**	**1 162**	**605**	**1 766**	**734**	**349**	**741**	**611**	**259**	**602**	**685**
Less than 50 lb	S	–	–	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S	S	S	S
100 to 499 lb	29	18	4	S	S	S	S	S	S	S	S	S
500 to 749 lb	S	S	5	S	S	S	–	S	S	S	S	S
750 to 999 lb	S	13	2	S	S	S	1	–	–	S	S	S
1,000 to 9,999 lb	216	285	54	23	43	17	17	30	23	10	S	S
10,000 to 49,999 lb	912	3 542	711	454	930	401	270	447	343	149	224	261
50,000 to 99,999 lb	201	1 278	258	41	S	126	S	S	S	S	S	S
100,000 lb or more	164	738	128	35	S	S	18	163	162	95	367	411
SCTG 05, Meat, fish, seafood, and their preparations	**3 024**	**1 185**	**239**	**3 020**	**1 043**	**426**	**2 428**	**733**	**561**	**1 909**	**610**	**628**
Less than 50 lb	47	5	1	S	1	1	S	S	S	S	S	S
50 to 99 lb	54	7	1	13	2	1	S	S	S	S	S	S
100 to 499 lb	312	65	13	87	15	6	23	3	2	40	3	4
500 to 749 lb	129	33	6	42	8	3	13	3	2	S	1	1
750 to 999 lb	102	35	7	35	9	3	12	2	1	11	2	2
1,000 to 9,999 lb	1 356	503	97	847	245	100	423	105	78	344	74	79
10,000 to 49,999 lb	1 022	528	111	1 895	726	296	1 903	603	463	1 331	417	433
50,000 to 99,999 lb	–	–	–	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S	S	S	S
SCTG 06, Milled grain products and preparations, and bakery products	**3 089**	**2 590**	**465**	**2 027**	**1 740**	**723**	**952**	**880**	**673**	**1 002**	**981**	**1 118**
Less than 50 lb	11	1	–	5	1	–	S	S	S	S	S	S
50 to 99 lb	12	S	S	7	2	1	S	S	S	S	S	S
100 to 499 lb	129	49	9	S	17	6	10	S	S	9	2	3
500 to 749 lb	62	24	4	18	10	4	S	1	1	S	S	S
750 to 999 lb	80	49	11	17	8	3	S	S	S	3	1	1
1,000 to 9,999 lb	991	606	119	606	309	131	152	69	52	127	76	81
10,000 to 49,999 lb	1 640	1 491	255	1 216	1 056	437	755	715	542	763	660	740
50,000 to 99,999 lb	97	178	32	S	42	17	S	14	11	S	S	S
100,000 lb or more	67	S	S	S	S	S	18	75	64	S	S	S

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

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

SCTG code, description, shipment size, and distance shipped	100 to 249 miles[1]			250 to 499 miles[1]			500 to 749 miles[1]			750 to 999 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 07, Other prepared foodstuffs and fats and oils	**7 709**	**9 825**	**1 946**	**4 820**	**4 281**	**1 813**	**3 539**	**2 854**	**2 203**	**1 850**	**1 437**	**1 597**
Less than 50 lb	47	7	1	45	4	2	18	2	1	20	1	2
50 to 99 lb	49	9	2	S	2	1	8	1	1	S	S	S
100 to 499 lb	317	108	20	89	20	8	55	7	5	70	9	10
500 to 749 lb	126	60	11	33	16	6	29	4	3	S	2	2
750 to 999 lb	151	86	17	23	S	4	S	4	3	14	4	4
1,000 to 9,999 lb	1 714	1 295	245	949	399	164	382	169	129	295	143	157
10,000 to 49,999 lb	4 323	5 662	1 121	3 207	3 095	1 273	2 651	2 097	1 576	1 256	1 013	1 110
50,000 to 99,999 lb	886	2 478	499	268	347	150	61	58	48	5	S	10
100,000 lb or more	95	119	S	180	388	205	320	512	438	159	255	301
SCTG 08, Alcoholic beverages	**2 971**	**1 908**	**337**	**1 667**	**1 686**	**770**	**1 095**	**1 645**	**1 499**	**934**	**1 995**	**2 519**
Less than 50 lb	S	S	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	62	8	1	S	S	S	S	S	S	S	S	S
100 to 499 lb	199	66	11	63	13	6	S	S	S	S	S	S
500 to 749 lb	35	15	2	15	4	2	–	–	–	S	S	S
750 to 999 lb	27	9	2	S	3	1	S	S	S	S	S	S
1,000 to 9,999 lb	348	130	26	182	79	37	S	S	S	13	5	5
10,000 to 49,999 lb	1 602	1 140	208	922	1 009	439	545	640	491	501	689	766
50,000 to 99,999 lb	S	495	75	52	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	397	506	253	406	945	962	378	1 222	1 650
SCTG 09, Tobacco products	**509**	**21**	**4**	**128**	**15**	**6**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	58	1	–	S	S	S	S	S	S	S	S	S
50 to 99 lb	36	1	–	S	–	–	S	S	S	S	S	S
100 to 499 lb	245	8	1	12	1	–	S	S	S	–	–	–
500 to 749 lb	S	3	S	S	1	–	–	–	–	–	–	–
750 to 999 lb	S	S	–	13	2	1	–	–	–	–	–	–
1,000 to 9,999 lb	79	5	1	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	–	–	–	–	–	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–	–	–	–
SCTG 10, Monumental or building stone	**S**	**196**	**31**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	S	S	–	–	–	–	–	–	–	–	–
50 to 99 lb	S	S	S	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S	S	S	–	–	–
500 to 749 lb	–	–	–	S	S	S	–	–	–	S	S	S
750 to 999 lb	S	S	S	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S	–	–	–
10,000 to 49,999 lb	12	69	12	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–	–	–	–
SCTG 11, Natural sands	**28**	**1 619**	**336**	**S**	**628**	**284**	**S**	**64**	**57**	**S**	**S**	**S**
Less than 50 lb	S	S	S	–	–	–	–	–	–	–	–	–
50 to 99 lb	S	S	S	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S	S	S	–	–	–
500 to 749 lb	S	S	S	S	S	S	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	S	S	S	–	–	–
1,000 to 9,999 lb	S	5	S	S	2	S	S	S	S	S	S	S
10,000 to 49,999 lb	6	S	S	S	74	31	S	S	S	S	S	S
50,000 to 99,999 lb	10	717	130	5	225	84	S	S	S	S	S	S
100,000 lb or more	6	325	100	6	327	168	S	S	S	S	S	S
SCTG 12, Gravel and crushed stone	**46**	**5 744**	**1 134**	**22**	**1 353**	**636**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–	S	S	S
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	–	–	–	–	–	–
10,000 to 49,999 lb	18	S	S	S	385	168	S	S	S	S	S	S
50,000 to 99,999 lb	15	975	209	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	–	–	–	–	–	–
SCTG 13, Nonmetallic minerals n.e.c.	**140**	**1 940**	**448**	**113**	**1 019**	**441**	**172**	**1 813**	**1 570**	**101**	**1 332**	**1 581**
Less than 50 lb	S	S	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	–	–	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S	–	–	–
500 to 749 lb	S	S	S	S	S	S	S	S	S	–	–	–
750 to 999 lb	S	S	S	S	S	S	–	–	–	S	S	S
1,000 to 9,999 lb	9	S	4	S	4	2	S	S	S	S	1	1
10,000 to 49,999 lb	61	541	117	80	681	287	S	S	S	S	S	408
50,000 to 99,999 lb	47	552	93	15	284	127	14	S	S	1	20	22
100,000 lb or more	19	826	234	2	44	23	87	960	949	53	922	1 149

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

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

SCTG code, description, shipment size, and distance shipped	100 to 249 miles[1]			250 to 499 miles[1]			500 to 749 miles[1]			750 to 999 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 14, Metallic ores and concentrates	**1 508**	**1 280**	**294**	**785**	**S**	**S**	**443**	**550**	**S**	**311**	**104**	**143**
Less than 50 lb	S	S	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S	S	S	S	S	S
500 to 749 lb	–	–	–	S	S	S	–	–	–	–	–	–
750 to 999 lb	S	S	S	S	S	S	–	–	–	S	S	S
1,000 to 9,999 lb	S	S	S	166	1	1	S	S	S	S	S	S
10,000 to 49,999 lb	147	138	29	148	S	S	22	S	S	265	46	47
50,000 to 99,999 lb	517	382	90	S	S	S	S	S	S	–	–	–
100,000 lb or more	776	753	175	205	288	115	S	S	S	29	57	96
SCTG 15, Coal	**355**	**22 854**	**5 615**	**304**	**23 347**	**12 277**	**727**	**81 999**	**76 950**	**959**	**105 603**	**129 320**
Less than 50 lb	–	–	–	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S	–	–	–
10,000 to 49,999 lb	1	53	12	S	S	S	S	S	S	–	–	–
50,000 to 99,999 lb	27	S	S	S	S	S	–	–	–	–	–	–
100,000 lb or more	326	20 578	5 193	301	23 212	12 208	701	81 997	76 949	959	105 603	129 320
SCTG 17, Gasoline and aviation turbine fuel	**4 383**	**15 550**	**2 788**	**1 853**	**6 902**	**2 518**	**81**	**S**	**158**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	S	S	S	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–	S	S	S
100 to 499 lb	S	S	S	–	–	–	–	–	–	–	–	–
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	S	S	S	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S	17	71	74
10,000 to 49,999 lb	685	2 031	369	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	1 418	4 849	860	364	1 244	491	S	S	S	–	–	–
100,000 lb or more	2 162	8 443	1 522	1 067	4 477	1 555	S	S	S	–	–	–
SCTG 18, Fuel oils	**1 372**	**7 013**	**1 334**	**948**	**5 302**	**2 348**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	S	S	S	S	S	–	–	–	–	–	–
50 to 99 lb	S	S	S	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	–	–	–	–	–	–
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	S	S	S	S	S	S	–	–	–	–	–	–
1,000 to 9,999 lb	S	149	25	20	25	11	S	S	S	4	20	20
10,000 to 49,999 lb	200	983	184	64	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	566	2 576	502	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	3 290	S	604	S	1 994	S	S	S	S	S	S
SCTG 19, Coal and petroleum products, n.e.c.	**1 441**	**8 174**	**1 844**	**S**	**6 594**	**3 410**	**345**	**5 517**	**5 722**	**228**	**1 838**	**2 288**
Less than 50 lb	10	S	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	31	6	S	S	S	S	S	S	S	S	S
500 to 749 lb	4	4	1	S	S	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S	–	–	–
1,000 to 9,999 lb	70	84	15	24	23	10	S	S	S	S	S	S
10,000 to 49,999 lb	486	1 985	434	375	933	438	84	131	110	41	140	164
50,000 to 99,999 lb	423	3 108	747	157	1 215	499	S	S	S	S	S	S
100,000 lb or more	393	2 947	639	S	4 420	2 462	211	5 336	5 576	150	S	S
SCTG 20, Basic chemicals	**990**	**3 789**	**807**	**929**	**2 144**	**1 127**	**1 290**	**4 523**	**4 413**	**1 015**	**1 606**	**2 006**
Less than 50 lb	46	2	–	130	4	2	167	3	2	135	3	4
50 to 99 lb	21	1	–	82	S	S	S	S	S	S	S	S
100 to 499 lb	95	14	3	118	12	5	121	8	7	S	3	3
500 to 749 lb	11	8	2	S	7	S	62	2	1	S	2	2
750 to 999 lb	S	10	S	9	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	147	111	21	205	61	26	207	57	45	S	21	23
10,000 to 49,999 lb	341	1 364	281	203	551	239	333	353	292	S	142	157
50,000 to 99,999 lb	157	1 362	260	34	327	169	10	141	123	S	53	58
100,000 lb or more	147	917	237	118	1 175	679	343	3 957	3 942	166	1 378	1 755
SCTG 21, Pharmaceutical products	**3 378**	**84**	**18**	**2 686**	**74**	**30**	**949**	**26**	**16**	**1 256**	**39**	**41**
Less than 50 lb	1 697	17	4	1 356	10	5	573	5	4	715	5	6
50 to 99 lb	555	11	2	203	3	2	102	1	1	43	1	1
100 to 499 lb	817	20	4	523	9	4	102	S	2	197	S	8
500 to 749 lb	S	4	1	58	5	2	13	1	–	S	S	S
750 to 999 lb	19	2	–	39	4	2	S	–	–	S	S	S
1,000 to 9,999 lb	S	S	S	488	31	13	S	S	3	S	11	12
10,000 to 49,999 lb	S	S	S	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

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

SCTG code, description, shipment size, and distance shipped	100 to 249 miles[1]			250 to 499 miles[1]			500 to 749 miles[1]			750 to 999 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 22, Fertilizers	**371**	**2 193**	**474**	**297**	**1 720**	**869**	**404**	**3 103**	**2 851**	**131**	**1 142**	**1 384**
Less than 50 lb	S	S	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	1	–	S	S	S	S	–	–	S	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	–	–	–	–	–	–
1,000 to 9,999 lb	19	30	6	15	16	7	5	S	S	S	S	S
10,000 to 49,999 lb	146	980	187	86	491	218	44	205	157	8	64	S
50,000 to 99,999 lb	144	893	183	128	772	384	64	514	404	11	128	141
100,000 lb or more	53	287	97	65	440	260	290	2 377	2 285	110	949	1 173
SCTG 23, Chemical products and preparations, n.e.c.	**3 384**	**1 397**	**281**	**3 617**	**1 576**	**640**	**1 780**	**894**	**667**	**1 755**	**425**	**459**
Less than 50 lb	340	23	5	417	13	6	226	8	6	179	3	4
50 to 99 lb	180	18	3	124	10	4	61	3	2	91	4	5
100 to 499 lb	472	57	11	381	50	22	202	18	14	124	10	11
500 to 749 lb	137	17	4	179	23	9	S	5	4	54	12	13
750 to 999 lb	77	13	3	51	14	6	49	7	5	47	8	9
1,000 to 9,999 lb	915	264	49	788	279	113	415	102	76	493	79	83
10,000 to 49,999 lb	S	903	184	1 620	1 142	461	720	704	525	753	285	310
50,000 to 99,999 lb	34	90	21	17	17	7	S	35	25	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S	13	S	S
SCTG 24, Plastics and rubber	**2 996**	**1 201**	**246**	**2 935**	**931**	**395**	**1 781**	**530**	**411**	**1 621**	**443**	**480**
Less than 50 lb	267	11	2	442	13	6	225	8	6	203	7	8
50 to 99 lb	111	15	3	139	8	4	66	4	3	70	4	4
100 to 499 lb	384	64	12	326	38	16	166	13	10	182	17	19
500 to 749 lb	147	30	6	112	17	8	60	8	6	58	6	6
750 to 999 lb	143	36	8	125	26	11	77	9	7	56	9	9
1,000 to 9,999 lb	1 184	446	95	1 025	357	150	583	160	123	597	165	177
10,000 to 49,999 lb	689	501	97	714	423	181	574	300	235	447	221	239
50,000 to 99,999 lb	26	44	10	26	39	16	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S	S	S	S
SCTG 25, Logs and other wood in the rough	**666**	**5 953**	**1 149**	**94**	**299**	**147**	**63**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	S	S	S	–	–	–
50 to 99 lb	S	S	S	S	S	S	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S	–	–	–
1,000 to 9,999 lb	40	46	8	S	S	S	S	S	S	–	S	S
10,000 to 49,999 lb	160	926	167	60	108	47	28	42	33	S	S	S
50,000 to 99,999 lb	305	4 084	726	S	42	20	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	14	S	12	31	38
SCTG 26, Wood products	**5 579**	**12 675**	**2 709**	**2 960**	**7 725**	**3 617**	**1 929**	**4 416**	**3 752**	**1 670**	**3 046**	**3 839**
Less than 50 lb	47	3	1	42	2	1	15	1	1	12	S	S
50 to 99 lb	23	4	1	6	1	–	9	1	1	S	–	–
100 to 499 lb	121	31	6	84	11	5	S	S	S	S	S	S
500 to 749 lb	40	16	3	20	6	2	14	4	3	S	S	S
750 to 999 lb	26	9	2	15	4	2	S	3	2	S	–	–
1,000 to 9,999 lb	593	529	100	200	137	58	105	122	85	58	31	33
10,000 to 49,999 lb	2 114	4 361	888	1 455	3 132	1 369	792	1 479	1 141	645	965	1 082
50,000 to 99,999 lb	2 186	6 189	1 342	757	1 880	868	407	916	698	209	478	555
100,000 lb or more	429	1 534	367	381	S	1 312	536	1 882	1 815	675	1 559	2 154
SCTG 27, Pulp, newsprint, paper, and paperboard	**1 549**	**2 575**	**596**	**1 576**	**2 439**	**1 256**	**1 038**	**1 923**	**1 564**	**1 267**	**2 641**	**3 049**
Less than 50 lb	22	2	–	21	2	1	2	–	–	2	–	–
50 to 99 lb	19	4	1	S	S	S	2	–	–	1	S	S
100 to 499 lb	59	20	4	69	20	10	9	2	2	10	2	2
500 to 749 lb	21	8	1	13	5	2	3	1	1	2	1	1
750 to 999 lb	29	9	2	9	4	2	S	S	S	S	S	S
1,000 to 9,999 lb	207	143	27	192	126	49	89	25	19	32	23	24
10,000 to 49,999 lb	513	822	174	755	994	447	456	785	596	434	822	889
50,000 to 99,999 lb	389	928	202	84	183	85	44	79	65	43	93	111
100,000 lb or more	291	640	184	424	1 103	659	428	1 030	879	744	1 701	2 022
SCTG 28, Paper or paperboard articles	**1 727**	**1 483**	**292**	**1 821**	**1 564**	**725**	**1 142**	**649**	**508**	**1 226**	**734**	**817**
Less than 50 lb	29	3	1	28	2	1	27	3	2	S	S	S
50 to 99 lb	23	5	1	12	2	1	5	1	1	3	1	1
100 to 499 lb	148	50	10	52	13	5	41	6	4	27	7	7
500 to 749 lb	53	18	3	36	13	6	12	5	4	20	3	4
750 to 999 lb	32	16	3	33	14	6	10	5	4	S	S	S
1,000 to 9,999 lb	509	328	64	385	228	94	183	90	71	199	69	74
10,000 to 49,999 lb	880	990	197	1 183	1 119	514	833	483	368	859	564	607
50,000 to 99,999 lb	S	49	9	41	53	24	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	120	75	S	S	S	S	S	S

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

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

SCTG code, description, shipment size, and distance shipped	100 to 249 miles[1]			250 to 499 miles[1]			500 to 749 miles[1]			750 to 999 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 29, Printed products	**1 968**	**511**	**103**	**2 417**	**642**	**285**	**1 759**	**291**	**225**	**1 555**	**246**	**282**
Less than 50 lb	619	42	9	516	27	13	535	18	15	696	25	27
50 to 99 lb	87	9	2	167	11	5	154	11	9	162	11	12
100 to 499 lb	404	38	8	519	49	22	431	23	18	240	16	17
500 to 749 lb	84	20	4	152	33	14	106	S	S	45	4	5
750 to 999 lb	52	14	3	61	14	6	55	9	6	33	4	4
1,000 to 9,999 lb	386	159	34	568	203	87	232	57	43	170	53	57
10,000 to 49,999 lb	324	207	39	416	236	97	243	150	117	205	131	158
50,000 to 99,999 lb	S	22	5	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	S	S	S	–	–	–	–	–	–
SCTG 30, Textiles, leather, and articles of textiles or leather	**5 059**	**679**	**141**	**7 834**	**435**	**177**	**2 574**	**123**	**97**	**3 349**	**155**	**173**
Less than 50 lb	594	15	3	1 664	32	14	761	17	13	855	19	20
50 to 99 lb	109	7	1	279	11	5	214	6	4	167	8	8
100 to 499 lb	441	47	9	680	38	16	376	15	12	524	27	29
500 to 749 lb	137	19	4	225	16	6	89	7	5	399	S	S
750 to 999 lb	171	21	4	313	17	8	77	3	3	75	S	5
1,000 to 9,999 lb	2 612	231	45	1 122	93	39	810	38	30	660	42	44
10,000 to 49,999 lb	787	S	S	S	166	64	239	37	30	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–	–	–	–
100,000 lb or more	S	S	S	S	S	S	S	S	S	–	–	–
SCTG 31, Nonmetallic mineral products	**2 058**	**12 784**	**2 573**	**1 582**	**7 384**	**3 354**	**746**	**2 293**	**1 862**	**653**	**1 259**	**1 414**
Less than 50 lb	35	4	1	71	5	2	38	2	1	46	2	3
50 to 99 lb	42	5	1	32	4	2	15	2	1	36	3	3
100 to 499 lb	84	19	4	67	S	S	40	6	4	67	6	6
500 to 749 lb	25	8	2	19	9	4	20	1	1	S	S	S
750 to 999 lb	30	10	2	S	5	2	1	1	1	5	S	S
1,000 to 9,999 lb	322	253	51	151	123	50	88	51	40	153	84	99
10,000 to 49,999 lb	937	4 402	867	879	3 197	1 363	437	1 228	935	254	659	705
50,000 to 99,999 lb	453	6 043	1 172	158	1 119	456	30	184	150	25	149	153
100,000 lb or more	130	2 040	475	190	2 883	1 460	77	819	728	42	350	438
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**3 370**	**2 883**	**562**	**3 381**	**3 158**	**1 384**	**2 880**	**2 389**	**1 956**	**2 217**	**1 290**	**1 513**
Less than 50 lb	58	3	1	110	3	1	75	2	1	61	2	3
50 to 99 lb	38	4	1	67	3	1	9	1	1	41	2	2
100 to 499 lb	128	23	4	211	16	7	72	9	7	109	11	12
500 to 749 lb	54	16	3	53	10	4	27	4	3	32	4	4
750 to 999 lb	37	14	3	33	7	3	11	3	2	29	3	3
1,000 to 9,999 lb	592	403	81	504	254	107	280	101	71	613	127	139
10,000 to 49,999 lb	1 514	1 459	270	1 932	2 154	918	1 351	1 212	905	884	509	544
50,000 to 99,999 lb	441	599	122	242	378	157	69	127	101	S	S	S
100,000 lb or more	508	361	78	230	332	185	986	931	864	430	603	775
SCTG 33, Articles of base metal	**3 451**	**1 578**	**298**	**3 261**	**1 474**	**626**	**1 977**	**982**	**763**	**1 972**	**677**	**756**
Less than 50 lb	473	17	3	503	12	5	231	5	4	397	8	9
50 to 99 lb	123	13	3	132	6	3	108	4	3	135	3	3
100 to 499 lb	585	67	13	399	41	17	175	16	12	226	14	15
500 to 749 lb	108	26	5	121	21	9	102	12	8	58	6	6
750 to 999 lb	83	19	4	92	16	6	67	11	8	63	7	8
1,000 to 9,999 lb	997	325	62	965	377	167	401	144	110	502	186	207
10,000 to 49,999 lb	995	946	179	924	825	341	453	426	326	465	309	339
50,000 to 99,999 lb	36	33	6	75	54	23	S	70	54	40	28	30
100,000 lb or more	S	S	23	49	S	S	194	S	S	85	S	S
SCTG 34, Machinery	**4 775**	**442**	**87**	**3 645**	**324**	**142**	**3 778**	**227**	**179**	**2 755**	**264**	**286**
Less than 50 lb	926	19	4	692	11	5	298	5	4	295	5	5
50 to 99 lb	266	13	3	317	7	3	98	1	1	92	S	S
100 to 499 lb	779	54	11	454	33	14	373	18	15	504	S	S
500 to 749 lb	213	20	4	215	19	8	142	9	6	129	12	13
750 to 999 lb	102	8	2	90	8	3	82	7	6	100	7	8
1,000 to 9,999 lb	1 243	146	29	854	116	51	1 974	76	59	857	64	70
10,000 to 49,999 lb	1 187	175	34	889	104	46	652	59	46	769	99	106
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	S	S	S	S	S	S	S	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**11 639**	**350**	**70**	**31 600**	**908**	**394**	**16 068**	**294**	**224**	**18 084**	**290**	**323**
Less than 50 lb	3 502	30	6	9 962	40	17	5 375	25	20	6 198	24	27
50 to 99 lb	1 298	28	5	3 558	25	10	1 561	9	7	1 629	11	11
100 to 499 lb	2 049	67	14	6 269	92	39	5 232	33	26	4 281	46	53
500 to 749 lb	220	16	3	1 666	29	13	666	16	12	893	13	14
750 to 999 lb	189	12	2	935	44	18	681	7	5	565	11	12
1,000 to 9,999 lb	S	136	27	4 768	384	165	2 028	123	89	3 070	92	101
10,000 to 49,999 lb	439	56	11	S	292	131	487	76	61	1 425	91	101
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	–	–	–	S	S	S	–	–	–

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

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

SCTG code, description, shipment size, and distance shipped	100 to 249 miles[1]			250 to 499 miles[1]			500 to 749 miles[1]			750 to 999 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 36, Motorized and other vehicles (including parts)	**5 343**	**544**	**110**	**6 513**	**1 712**	**657**	**3 100**	**370**	**291**	**1 922**	**152**	**169**
Less than 50 lb	495	20	4	571	16	7	307	10	7	269	8	9
50 to 99 lb	269	17	3	214	10	4	102	5	4	68	3	3
100 to 499 lb	1 568	119	24	915	47	20	453	23	19	268	13	15
500 to 749 lb	856	59	11	745	37	14	26	4	3	S	6	S
750 to 999 lb	410	27	5	226	15	6	40	6	4	23	3	3
1,000 to 9,999 lb	1 011	136	30	1 956	230	92	377	66	51	476	39	44
10,000 to 49,999 lb	593	137	25	1 262	266	111	1 787	253	200	699	73	82
50,000 to 99,999 lb	109	18	4	522	687	254	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	–	–	–	–	–	–
SCTG 37, Transportation equipment, n.e.c.	**1 460**	**68**	**15**	**1 366**	**50**	**24**	**1 470**	**S**	**S**	**5 054**	**15**	**16**
Less than 50 lb	262	1	–	539	1	1	315	1	–	819	2	2
50 to 99 lb	60	S	S	110	S	S	185	–	–	109	1	1
100 to 499 lb	219	S	S	155	4	2	463	3	3	320	2	3
500 to 749 lb	S	S	S	S	S	S	S	–	–	S	S	S
750 to 999 lb	S	S	S	21	S	S	S	S	S	66	1	1
1,000 to 9,999 lb	S	26	6	S	8	4	S	S	S	91	4	5
10,000 to 49,999 lb	427	31	7	24	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–	S	S	S
100,000 lb or more	–	–	–	S	S	S	–	–	–	S	S	S
SCTG 38, Precision instruments and apparatus	**1 606**	**54**	**11**	**4 420**	**83**	**36**	**2 882**	**41**	**31**	**3 476**	**50**	**53**
Less than 50 lb	658	4	1	1 356	5	2	748	4	3	1 071	4	5
50 to 99 lb	86	2	–	329	2	1	171	2	1	S	S	S
100 to 499 lb	319	6	1	1 049	12	5	728	5	4	421	7	8
500 to 749 lb	77	2	–	193	4	2	91	1	1	S	S	S
750 to 999 lb	S	S	S	51	2	1	S	4	2	S	2	S
1,000 to 9,999 lb	373	S	S	1 214	S	S	716	14	11	S	S	27
10,000 to 49,999 lb	S	S	S	S	S	S	210	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–	–	–	–
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**1 049**	**216**	**45**	**1 555**	**260**	**109**	**707**	**120**	**95**	**887**	**178**	**199**
Less than 50 lb	27	2	–	58	3	1	40	2	1	74	4	4
50 to 99 lb	56	5	1	49	4	2	9	1	1	39	2	2
100 to 499 lb	246	32	6	289	27	11	84	9	7	149	24	28
500 to 749 lb	101	17	4	104	17	6	S	5	4	31	6	6
750 to 999 lb	49	10	2	82	20	8	31	4	3	74	11	12
1,000 to 9,999 lb	346	87	17	775	134	56	289	58	46	284	62	67
10,000 to 49,999 lb	223	63	14	198	55	24	143	40	32	233	69	79
50,000 to 99,999 lb	S	S	S	–	–	–	S	S	S	S	S	S
100,000 lb or more	–	–	–	–	–	–	–	–	–	–	–	–
SCTG 40, Miscellaneous manufactured products	**15 505**	**2 825**	**572**	**13 283**	**1 438**	**617**	**4 686**	**749**	**583**	**4 449**	**S**	**S**
Less than 50 lb	1 486	23	5	2 159	30	14	1 696	26	21	1 476	23	25
50 to 99 lb	292	12	2	412	16	7	265	11	9	S	21	24
100 to 499 lb	761	54	10	2 481	44	20	701	30	24	527	33	36
500 to 749 lb	427	26	5	S	23	10	89	11	8	132	8	8
750 to 999 lb	S	15	3	501	17	7	52	5	4	73	6	7
1,000 to 9,999 lb	2 861	534	108	3 889	363	147	956	170	134	941	215	237
10,000 to 49,999 lb	S	1 754	354	2 518	632	270	608	335	256	561	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	300	137	105	S	S	S
100,000 lb or more	S	S	S	S	S	S	19	S	S	S	S	S
SCTG 41, Waste and scrap	**492**	**4 083**	**799**	**586**	**4 922**	**2 297**	**161**	**1 014**	**905**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	–	–	–	S	S	S
50 to 99 lb	–	–	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	–	–	–	S	S	S	S	S	S
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	S	S	S	S	S	S	–	–	–	–	–	–
1,000 to 9,999 lb	S	12	3	S	10	S	S	S	S	S	S	S
10,000 to 49,999 lb	348	1 914	383	395	1 963	889	81	179	139	148	S	S
50,000 to 99,999 lb	79	1 102	229	48	210	99	8	S	S	S	35	43
100,000 lb or more	58	1 055	184	132	S	S	72	733	675	15	141	S
SCTG 43, Mixed freight	**9 944**	**5 240**	**1 118**	**2 959**	**984**	**410**	**807**	**260**	**186**	**106**	**42**	**46**
Less than 50 lb	84	3	1	52	3	S	21	1	–	15	–	1
50 to 99 lb	30	5	1	12	2	1	S	S	S	S	–	–
100 to 499 lb	293	71	14	77	20	8	11	3	2	14	2	2
500 to 749 lb	152	50	10	61	15	6	10	4	3	5	S	S
750 to 999 lb	S	47	9	73	18	7	20	8	S	S	S	S
1,000 to 9,999 lb	1 904	754	150	1 284	293	123	591	181	125	S	S	S
10,000 to 49,999 lb	5 611	3 508	749	960	382	158	140	57	43	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	S	S	S	–	–	–

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, shipment size, and distance shipped	100 to 249 miles[1]			250 to 499 miles[1]			500 to 749 miles[1]			750 to 999 miles[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
Commodity unknown	**603**	**394**	**70**	**651**	**390**	**157**	**333**	**178**	**142**	**195**	**42**	**47**
Less than 50 lb	26	1	–	86	2	1	56	–	–	54	S	S
50 to 99 lb	S	1	–	36	1	–	S	1	–	16	–	–
100 to 499 lb	S	S	S	84	2	1	S	S	1	11	1	1
500 to 749 lb	S	1	–	S	S	S	S	S	S	S	S	S
750 to 999 lb	3	1	–	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	83	26	5	212	38	17	59	11	9	31	8	9
10,000 to 49,999 lb	194	166	24	175	S	S	116	101	74	S	S	S
50,000 to 99,999 lb	S	S	23	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S	S	S	S

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

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

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles[1]			1,500 to 1,999 miles[1]			2,000 miles or more[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thosands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
All commodities	**91 201**	**107 243**	**173 683**	**122 241**	**31 682**	**70 906**	**151 569**	**22 050**	**62 765**
Less than 50 lb	19 900	218	338	29 113	325	675	42 178	395	1 076
50 to 99 lb	5 080	108	171	6 110	142	296	13 856	170	461
100 to 499 lb	11 930	346	533	14 289	539	1 111	21 358	644	1 756
500 to 749 lb	3 458	138	214	5 148	234	478	6 734	276	748
750 to 999 lb	1 747	109	167	3 942	199	416	4 740	177	484
1,000 to 9,999 lb	18 474	2 302	3 493	22 085	2 897	6 071	31 789	3 769	10 287
10,000 to 49,999 lb	20 991	10 758	16 420	24 900	10 767	23 416	21 615	9 323	26 475
50,000 to 99,999 lb	926	2 809	4 033	2 575	1 337	2 920	1 699	889	2 483
100,000 lb or more	8 694	90 454	148 314	14 079	15 242	35 522	7 600	6 408	18 995
SCTG 01, Live animals and live fish	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S
500 to 749 lb	–	–	–	S	S	S	S	S	S
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	–	–	–	S	S	S	S	S	S
10,000 to 49,999 lb	–	–	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 02, Cereal grains	**84**	**433**	**686**	**68**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	–	–	–
50 to 99 lb	–	–	–	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	6	S	S	S	S	S
10,000 to 49,999 lb	16	22	32	28	S	S	41	S	S
50,000 to 99,999 lb	S	S	S	–	–	–	–	–	–
100,000 lb or more	65	407	648	S	S	S	–	–	–
SCTG 03, Other agricultural products	**1 338**	**1 684**	**2 708**	**2 604**	**2 863**	**6 226**	**3 768**	**3 215**	**8 902**
Less than 50 lb	10	S	S	S	S	S	75	3	8
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	49	5	7	95	10	S	151	S	S
500 to 749 lb	1	–	1	S	2	5	38	6	17
750 to 999 lb	S	S	S	S	3	6	S	4	13
1,000 to 9,999 lb	238	275	431	401	490	1 060	622	765	2 096
10,000 to 49,999 lb	947	1 141	1 821	1 677	1 960	4 197	2 673	2 085	5 739
50,000 to 99,999 lb	S	S	S	S	97	225	63	S	S
100,000 lb or more	67	228	390	209	296	699	87	197	584
SCTG 04, Animal feed and products of animal origin, n.e.c.	**181**	**218**	**333**	**108**	**112**	**240**	**444**	**372**	**1 067**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	–	–	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S
750 to 999 lb	–	–	–	–	–	–	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	109	115	172	63	42	88	274	284	813
50,000 to 99,999 lb	S	S	S	–	–	–	–	–	–
100,000 lb or more	S	89	138	S	S	S	S	S	S
SCTG 05, Meat, fish, seafood, and their preparations	**2 180**	**935**	**1 348**	**1 519**	**490**	**1 006**	**1 410**	**280**	**782**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	6	S	S	S	S	S
100 to 499 lb	25	3	4	41	3	6	87	8	25
500 to 749 lb	18	2	3	17	2	5	46	4	12
750 to 999 lb	26	5	6	S	1	2	S	1	4
1,000 to 9,999 lb	257	58	84	311	53	105	688	98	266
10,000 to 49,999 lb	1 545	598	875	711	238	478	535	165	465
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	S	S	S	335	175	369	S	S	S
SCTG 06, Milled grain products and preparations, and bakery products	**811**	**540**	**822**	**737**	**589**	**1 338**	**692**	**460**	**1 283**
Less than 50 lb	S	S	S	S	–	1	4	1	2
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	20	5	13
500 to 749 lb	S	S	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	64	29	47	107	37	78	199	S	S
10,000 to 49,999 lb	655	410	606	475	285	610	442	337	933
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles[1]			1,500 to 1,999 miles[1]			2,000 miles or more[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thosands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 07, Other prepared foodstuffs and fats and oils	**2 736**	**2 379**	**3 927**	**4 780**	**3 338**	**7 478**	**2 898**	**2 664**	**7 830**
Less than 50 lb	18	1	2	S	2	5	32	2	6
50 to 99 lb	8	1	1	6	1	1	21	2	6
100 to 499 lb	68	7	11	44	6	13	79	8	22
500 to 749 lb	S	2	4	S	4	7	S	S	S
750 to 999 lb	S	S	S	31	4	7	S	S	S
1,000 to 9,999 lb	205	91	148	322	122	256	276	81	226
10,000 to 49,999 lb	1 944	1 545	2 461	3 441	1 948	4 231	1 462	1 279	3 665
50,000 to 99,999 lb	20	50	89	135	256	591	115	100	284
100,000 lb or more	458	682	1 212	732	996	2 366	859	1 182	3 595
SCTG 08, Alcoholic beverages	**708**	**1 735**	**3 051**	**1 284**	**1 760**	**3 753**	**1 789**	**1 079**	**3 241**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	–	1
500 to 749 lb	S	S	S	S	S	–	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	15	6	9	75	35	78	S	S	S
10,000 to 49,999 lb	392	558	826	836	605	1 319	1 272	719	2 098
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	1 029	1 942	345	S	S	S	S	S
SCTG 09, Tobacco products	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**1**	**S**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	–	–	–	S	S	S
100 to 499 lb	S	S	S	–	–	–	S	S	S
500 to 749 lb	–	–	–	–	–	–	S	S	S
750 to 999 lb	–	–	–	–	–	–	S	S	S
1,000 to 9,999 lb	S	S	S	–	–	–	S	S	S
10,000 to 49,999 lb	–	–	–	–	–	–	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 10, Monumental or building stone	**1**	**4**	**6**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	S	S	S	S	S	S
50 to 99 lb	–	–	–	–	–	–	S	S	S
100 to 499 lb	S	S	S	–	–	–	S	S	S
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	–	–	–
10,000 to 49,999 lb	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	S	S	S	–	–	–
100,000 lb or more	S	S	S	S	S	S	–	–	–
SCTG 11, Natural sands	**S**	**S**	**S**	**19**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	S	S	S
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	–	–	–	S	S	S
500 to 749 lb	–	–	–	S	S	S	–	–	–
750 to 999 lb	–	–	–	S	S	S	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	5	7	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	–	–	–	S	S	S
100,000 lb or more	S	S	S	S	S	S	–	–	–
SCTG 12, Gravel and crushed stone	**S**	**S**	**S**	**S**	**S**	**S**	**–**	**–**	**–**
Less than 50 lb	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	–	–	–	S	S	S	–	–	–
10,000 to 49,999 lb	S	S	S	S	S	S	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–
SCTG 13, Nonmetallic minerals n.e.c.	**225**	**2 198**	**3 494**	**107**	**1 041**	**2 203**	**48**	**207**	**555**
Less than 50 lb	S	S	S	S	S	S	–	–	–
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	–	–	S	S	S
500 to 749 lb	S	S	S	S	S	S	–	–	–
750 to 999 lb	S	S	S	–	–	–	S	S	S
1,000 to 9,999 lb	S	1	1	1	1	3	S	S	S
10,000 to 49,999 lb	S	S	S	29	263	572	41	142	382
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	158	1 650	2 728	73	666	1 411	5	S	S

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles[1]			1,500 to 1,999 miles[1]			2,000 miles or more[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thosands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 14, Metallic ores and concentrates	**190**	**S**	**S**	**400**	**66**	**142**	**567**	**61**	**167**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	–	–
100 to 499 lb	–	–	–	S	S	S	S	–	–
500 to 749 lb	–	–	–	S	S	S	S	S	S
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	1	–	–	S	S	S	43	S	S
10,000 to 49,999 lb	S	S	S	346	53	111	S	31	82
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S
SCTG 15, Coal	**727**	**70 530**	**113 472**	**S**	**S**	**S**	**–**	**–**	**–**
Less than 50 lb	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	–	–	–	–	–	–	–	–	–
10,000 to 49,999 lb	–	–	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	727	70 530	113 472	S	S	S	–	–	–
SCTG 17, Gasoline and aviation turbine fuel	**948**	**4 577**	**6 265**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	S	S	S	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	–	–	–
10,000 to 49,999 lb	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	–	–	–
SCTG 18, Fuel oils	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	S	S	S	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	–	–	–	S	S	S
10,000 to 49,999 lb	S	S	S	S	S	S	–	–	–
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S
SCTG 19, Coal and petroleum products, n.e.c.	**137**	**S**	**S**	**54**	**S**	**S**	**56**	**78**	**213**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	–	–	–	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	–	–	–	S	S	S
750 to 999 lb	–	–	–	S	S	S	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	38	158	228	28	41	82	S	49	126
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	S	S	S	S	S	S	S	S	S
SCTG 20, Basic chemicals	**1 374**	**3 280**	**5 386**	**1 260**	**2 700**	**6 202**	**923**	**421**	**1 193**
Less than 50 lb	128	3	5	197	4	8	203	5	14
50 to 99 lb	S	S	S	71	3	6	55	S	S
100 to 499 lb	S	S	S	66	S	S	109	7	19
500 to 749 lb	17	1	1	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	95	18	28	86	14	28	S	S	S
10,000 to 49,999 lb	441	289	445	270	247	505	161	101	283
50,000 to 99,999 lb	S	43	73	S	S	S	S	S	S
100,000 lb or more	598	2 922	4 827	554	2 393	5 568	53	S	S
SCTG 21, Pharmaceutical products	**2 806**	**106**	**162**	**2 411**	**108**	**239**	**2 549**	**60**	**164**
Less than 50 lb	1 340	9	13	1 526	9	17	1 260	5	14
50 to 99 lb	S	3	4	161	S	S	257	2	5
100 to 499 lb	168	6	10	198	3	7	437	4	12
500 to 749 lb	S	S	S	S	S	S	S	1	2
750 to 999 lb	S	S	S	S	1	2	S	S	S
1,000 to 9,999 lb	S	26	31	209	14	30	296	26	70
10,000 to 49,999 lb	355	52	S	263	77	S	S	16	43
50,000 to 99,999 lb	–	–	–	–	–	–	S	S	S
100,000 lb or more	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles[1]			1,500 to 1,999 miles[1]			2,000 miles or more[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thosands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 22, Fertilizers	**S**	**724**	**S**	**S**	**S**	**S**	**7**	**28**	**75**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	S	S	–	–	–	S	S	S
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	S	S	S	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	75	114	3	S	S	7	28	74
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	S	S	S	S	S	S	–	–	–
SCTG 23, Chemical products and preparations, n.e.c.	**3 435**	**990**	**1 460**	**1 843**	**571**	**1 219**	**1 781**	**418**	**1 169**
Less than 50 lb	170	5	8	176	4	8	238	4	11
50 to 99 lb	73	6	8	36	2	4	96	4	11
100 to 499 lb	387	12	19	183	12	25	238	13	36
500 to 749 lb	56	6	8	113	9	19	119	10	26
750 to 999 lb	S	2	3	48	5	11	47	7	19
1,000 to 9,999 lb	319	58	87	560	80	167	541	83	225
10,000 to 49,999 lb	2 349	497	758	676	354	723	464	175	461
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	103	256	S	120	376
SCTG 24, Plastics and rubber	**1 687**	**354**	**541**	**2 256**	**443**	**938**	**2 574**	**484**	**1 335**
Less than 50 lb	289	10	15	406	18	37	507	21	56
50 to 99 lb	86	4	6	115	7	14	150	8	22
100 to 499 lb	267	21	32	365	31	65	446	30	80
500 to 749 lb	117	9	14	56	8	17	121	14	36
750 to 999 lb	27	6	9	119	12	24	86	12	32
1,000 to 9,999 lb	453	87	132	445	92	190	677	139	372
10,000 to 49,999 lb	433	186	282	716	238	512	532	181	504
50,000 to 99,999 lb	S	S	S	S	S	S	32	14	38
100,000 lb or more	S	S	S	S	S	S	S	S	S
SCTG 25, Logs and other wood in the rough	**S**	**S**	**S**	**46**	**85**	**197**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	–	–	–	–	–	–	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S
500 to 749 lb	–	–	–	–	–	–	S	S	S
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	–	–	–
10,000 to 49,999 lb	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	3	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	24	44	104	S	S	S
SCTG 26, Wood products	**1 917**	**3 102**	**5 287**	**3 133**	**4 032**	**9 726**	**2 324**	**2 690**	**8 205**
Less than 50 lb	11	1	1	12	1	2	11	1	3
50 to 99 lb	6	S	S	7	1	1	4	1	1
100 to 499 lb	35	4	6	S	S	S	40	4	11
500 to 749 lb	S	S	S	S	S	S	7	1	3
750 to 999 lb	S	S	S	S	–	1	S	S	S
1,000 to 9,999 lb	133	41	65	113	37	79	80	25	68
10,000 to 49,999 lb	787	982	1 557	1 461	1 154	2 850	1 079	751	2 286
50,000 to 99,999 lb	195	313	505	356	429	956	179	222	629
100,000 lb or more	722	1 755	3 141	1 113	2 398	5 815	917	1 684	5 201
SCTG 27, Pulp, newsprint, paper, and paperboard	**365**	**611**	**963**	**579**	**747**	**1 696**	**406**	**414**	**1 217**
Less than 50 lb	2	–	–	5	–	1	12	S	2
50 to 99 lb	S	S	S	3	–	1	S	–	1
100 to 499 lb	S	2	S	S	2	4	8	1	4
500 to 749 lb	S	S	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	15	6	8	S	26	55	51	S	S
10,000 to 49,999 lb	176	282	434	316	390	874	186	174	497
50,000 to 99,999 lb	–	–	–	S	42	99	S	S	S
100,000 lb or more	157	317	510	128	285	662	138	206	630
SCTG 28, Paper or paperboard articles	**459**	**265**	**387**	**469**	**205**	**458**	**643**	**332**	**1 220**
Less than 50 lb	61	3	4	S	5	10	S	3	8
50 to 99 lb	5	S	S	S	S	S	S	S	S
100 to 499 lb	15	3	4	31	5	10	34	4	10
500 to 749 lb	6	2	4	S	S	S	S	S	S
750 to 999 lb	13	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	40	25	39	55	17	34	S	29	84
10,000 to 49,999 lb	295	186	262	220	134	296	326	272	1 044
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles[1]			1,500 to 1,999 miles[1]			2,000 miles or more[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thosands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 29, Printed products	**1 716**	**175**	**272**	**2 736**	**573**	**1 148**	**2 206**	**439**	**1 233**
Less than 50 lb	824	32	48	886	33	67	719	26	70
50 to 99 lb	131	11	16	135	11	24	138	13	34
100 to 499 lb	237	32	53	522	95	189	351	43	117
500 to 749 lb	S	14	24	167	48	97	94	S	S
750 to 999 lb	S	5	8	202	S	S	S	6	15
1,000 to 9,999 lb	208	28	42	638	276	549	504	S	S
10,000 to 49,999 lb	114	54	81	187	52	105	246	52	145
50,000 to 99,999 lb	–	–	–	–	–	–	S	S	S
100,000 lb or more	–	–	–	S	S	S	S	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**4 694**	**200**	**311**	**10 650**	**455**	**962**	**14 605**	**638**	**1 744**
Less than 50 lb	1 619	34	54	2 769	60	126	4 157	85	229
50 to 99 lb	294	13	S	817	35	74	890	28	78
100 to 499 lb	568	24	36	1 104	47	98	2 019	80	221
500 to 749 lb	286	10	15	377	19	40	720	32	86
750 to 999 lb	139	8	12	680	20	41	436	20	52
1,000 to 9,999 lb	1 355	84	129	3 622	191	408	4 462	194	529
10,000 to 49,999 lb	434	26	38	1 148	76	159	1 803	144	395
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	S	S	S	S	S	S
SCTG 31, Nonmetallic mineral products	**506**	**1 103**	**1 818**	**661**	**728**	**1 580**	**641**	**697**	**1 871**
Less than 50 lb	72	3	4	122	4	8	114	6	16
50 to 99 lb	22	1	2	22	1	3	S	S	S
100 to 499 lb	90	6	10	S	S	S	93	14	38
500 to 749 lb	S	1	1	S	S	S	S	2	6
750 to 999 lb	4	–	–	3	1	2	1	1	2
1,000 to 9,999 lb	109	33	52	142	87	179	71	38	99
10,000 to 49,999 lb	130	446	733	183	300	635	231	337	902
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	62	593	991	S	306	S	S	286	773
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**3 373**	**1 463**	**2 426**	**2 864**	**1 522**	**3 382**	**2 311**	**1 071**	**2 947**
Less than 50 lb	106	3	4	S	S	S	S	S	S
50 to 99 lb	S	S	S	37	2	3	55	S	S
100 to 499 lb	86	6	10	138	7	14	289	13	36
500 to 749 lb	37	3	4	105	S	S	63	6	17
750 to 999 lb	54	6	9	S	S	S	S	4	10
1,000 to 9,999 lb	S	89	129	263	90	189	483	89	238
10,000 to 49,999 lb	1 017	416	650	1 041	688	1 473	405	S	S
50,000 to 99,999 lb	66	S	S	S	25	S	21	51	139
100,000 lb or more	1 029	853	1 469	1 023	690	1 611	S	466	1 280
SCTG 33, Articles of base metal	**2 959**	**786**	**1 198**	**2 334**	**590**	**1 578**	**2 748**	**871**	**2 363**
Less than 50 lb	384	9	13	495	14	29	603	12	33
50 to 99 lb	159	5	8	105	4	8	120	4	11
100 to 499 lb	225	22	32	510	30	63	395	25	66
500 to 749 lb	167	13	19	151	12	24	83	13	42
750 to 999 lb	52	8	12	38	5	11	57	5	13
1,000 to 9,999 lb	907	186	289	484	139	293	802	212	561
10,000 to 49,999 lb	935	385	562	443	212	457	543	382	1 061
50,000 to 99,999 lb	51	63	S	S	S	S	86	101	264
100,000 lb or more	81	96	145	S	S	S	59	S	S
SCTG 34, Machinery	**4 294**	**508**	**755**	**6 334**	**478**	**1 012**	**5 984**	**543**	**1 466**
Less than 50 lb	592	8	14	789	10	21	1 230	20	54
50 to 99 lb	150	7	11	169	4	8	263	5	14
100 to 499 lb	563	24	36	1 212	31	65	753	54	151
500 to 749 lb	240	17	26	266	14	29	205	9	24
750 to 999 lb	338	9	15	179	9	19	236	9	22
1,000 to 9,999 lb	1 006	115	169	1 551	125	265	2 335	94	259
10,000 to 49,999 lb	1 366	124	188	1 894	211	457	952	99	276
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**28 625**	**615**	**934**	**34 761**	**668**	**1 430**	**57 474**	**1 246**	**3 427**
Less than 50 lb	8 322	35	55	11 565	51	105	20 635	67	180
50 to 99 lb	2 242	17	26	2 769	24	50	5 313	39	106
100 to 499 lb	6 009	70	108	5 969	85	178	9 351	128	341
500 to 749 lb	1 488	15	24	2 221	25	53	3 594	60	160
750 to 999 lb	666	17	26	1 790	28	58	2 223	38	106
1,000 to 9,999 lb	8 276	256	388	6 218	240	519	14 794	S	S
10,000 to 49,999 lb	1 604	201	301	S	213	462	1 486	119	333
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	–	–	–	66	9	23

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles[1]			1,500 to 1,999 miles[1]			2,000 miles or more[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thosands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 36, Motorized and other vehicles (including parts)	**4 781**	**491**	**811**	**4 204**	**392**	**824**	**3 779**	**305**	**822**
Less than 50 lb	227	6	9	313	8	17	550	15	41
50 to 99 lb	65	2	4	129	5	9	149	8	23
100 to 499 lb	205	13	21	300	18	38	556	29	79
500 to 749 lb	26	2	3	S	10	19	120	6	14
750 to 999 lb	S	S	S	S	9	18	S	6	17
1,000 to 9,999 lb	1 076	94	154	849	63	124	399	58	155
10,000 to 49,999 lb	3 128	367	609	2 193	269	577	1 340	174	469
50,000 to 99,999 lb	–	–	–	S	S	S	S	S	S
100,000 lb or more	S	S	S	–	–	–	–	–	–
SCTG 37, Transportation equipment, n.e.c.	**5 803**	**S**	**S**	**13 835**	**53**	**123**	**14 680**	**56**	**158**
Less than 50 lb	869	2	3	955	1	2	S	2	6
50 to 99 lb	271	2	3	231	1	1	S	2	5
100 to 499 lb	866	4	6	243	3	5	S	S	S
500 to 749 lb	S	1	1	S	S	S	S	–	1
750 to 999 lb	S	–	1	S	S	S	S	S	S
1,000 to 9,999 lb	198	7	10	S	18	S	S	13	39
10,000 to 49,999 lb	S	S	S	145	9	21	S	18	52
50,000 to 99,999 lb	–	–	–	S	S	S	S	S	S
100,000 lb or more	S	S	S	8 366	18	46	S	S	S
SCTG 38, Precision instruments and apparatus	**3 938**	**35**	**53**	**5 381**	**74**	**155**	**8 739**	**74**	**200**
Less than 50 lb	2 015	7	11	2 494	10	21	4 444	14	38
50 to 99 lb	370	2	3	466	3	7	609	4	11
100 to 499 lb	995	8	12	939	10	22	1 889	18	50
500 to 749 lb	113	S	S	432	7	15	527	5	12
750 to 999 lb	S	S	S	S	S	S	196	3	S
1,000 to 9,999 lb	400	14	20	832	35	70	932	18	49
10,000 to 49,999 lb	S	S	S	41	7	15	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**951**	**216**	**322**	**1 579**	**239**	**506**	**1 875**	**377**	**1 033**
Less than 50 lb	50	2	4	152	S	S	112	4	12
50 to 99 lb	50	3	4	S	S	S	S	9	22
100 to 499 lb	98	11	16	294	25	53	230	20	54
500 to 749 lb	41	7	11	99	9	20	70	10	26
750 to 999 lb	33	5	7	S	9	18	56	9	24
1,000 to 9,999 lb	412	81	121	494	80	164	756	124	344
10,000 to 49,999 lb	209	82	121	331	102	222	491	170	466
50,000 to 99,999 lb	S	S	S	–	–	–	S	S	S
100,000 lb or more	S	S	S	–	–	–	S	S	S
SCTG 40, Miscellaneous manufactured products	**5 892**	**S**	**S**	**11 530**	**839**	**1 736**	**11 986**	**872**	**2 358**
Less than 50 lb	2 575	40	62	5 519	65	136	5 010	79	220
50 to 99 lb	545	23	34	590	21	43	962	24	65
100 to 499 lb	788	55	82	1 706	73	148	2 062	82	224
500 to 749 lb	157	17	28	552	33	67	539	S	S
750 to 999 lb	84	8	13	210	18	38	338	15	41
1,000 to 9,999 lb	1 232	S	S	1 828	S	S	1 736	S	S
10,000 to 49,999 lb	508	115	178	1 123	141	300	1 328	165	457
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	S	S	S	–	–	–
SCTG 41, Waste and scrap	**174**	**286**	**445**	**197**	**189**	**415**	**262**	**1 010**	**2 873**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	S	S	S
500 to 749 lb	–	–	–	–	–	–	S	S	S
750 to 999 lb	–	–	–	–	–	–	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	124	205	302	169	127	283	80	S	S
50,000 to 99,999 lb	S	S	S	–	–	–	S	S	S
100,000 lb or more	S	72	128	27	S	S	125	808	2 294
SCTG 43, Mixed freight	**87**	**16**	**23**	**297**	**76**	**156**	**345**	**121**	**S**
Less than 50 lb	21	1	2	83	5	11	78	4	10
50 to 99 lb	S	S	S	27	4	9	12	2	5
100 to 499 lb	13	1	2	35	6	13	27	S	S
500 to 749 lb	S	S	S	S	1	2	7	S	S
750 to 999 lb	S	S	S	S	S	S	S	1	2
1,000 to 9,999 lb	S	5	7	28	11	21	37	12	37
10,000 to 49,999 lb	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

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

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles[1]			1,500 to 1,999 miles[1]			2,000 miles or more[1]		
	Value (million dollars)	Tons (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thosands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
Commodity unknown	**601**	**S**	**S**	**597**	**93**	**203**	**776**	**102**	**291**
Less than 50 lb	103	1	1	175	1	2	202	2	4
50 to 99 lb	S	S	S	23	S	S	27	1	2
100 to 499 lb	S	2	2	65	2	5	67	2	5
500 to 749 lb	4	–	1	S	S	S	S	2	5
750 to 999 lb	S	S	S	S	1	2	19	1	3
1,000 to 9,999 lb	S	8	12	140	25	53	59	S	S
10,000 to 49,999 lb	S	49	81	89	37	79	S	S	S
50,000 to 99,999 lb	–	–	–	S	S	S	–	–	–
100,000 lb or more	103	S	S	S	S	S	S	S	S

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons. Some unpublished estimates can be derived from other data published in this table. However, figures obtained in this manner are subject to these same limitations.

Note: Data exclude shipments of SCTG 16, Crude Petroleum. See the section "Industry Coverage" for additional information.

[1]Based on Great Circle Distance.

Appendix A.
Comparability With the 1993 Commodity Flow Survey

The Commodity Flow Survey (CFS) restores a data program on commodity flows that the Census Bureau conducted as a part of its 5-year economic census program from 1963 through 1977. The CFS was first conducted in 1993. For the 1997 CFS, the Census Bureau incorporated improvements identified from the evaluation of previous surveys and additional research. The following table shows a comparison of the 1993 and 1997 surveys.

Item	1993	1997
1. Industry coverage	Manufacturers (minor exceptions)	Manufacturers (minor exceptions)
	Mining (except mining services and oil and gas extraction)	Mining (except mining services)
	All wholesale	All wholesale
	Video tape distributers	
	Catalog mail-order houses	Catalog mail-order houses
	Auxiliaries (e.g., warehouses)	Auxiliaries (e.g., warehouses)
2. Commodity classification system	Standard Transportation Commodity Classification (STCC), developed by the American Association of Railroads (AAR).	Standard Classification of Transported Goods (SCTG).
3. Sample size	Approximately 200,000 establishments were selected from a universe of about 800,000 in-scope establishments on the 1992 Standard Statistical Establishment List (SSEL).	Approximately 100,000 establishments were selected from a universe of about 800,000 in-scope establishments on the 1995 Standard Statistical Establishment List (SSEL).
4. Survey methodology	Respondents took a sample of their individual outbound shipments for a 2-week period during each of the four calendar quarters of 1993.	Respondents took a sample of their individual outbound shipments for a 1-week period during each of the four calendar quarters of 1997.
	Respondents reported key characteristics for each sampled shipment.	Respondents reported key characteristics for each sampled shipment.
5. Reported mode of transportation	Rail	Rail
	For-hire truck	For-hire truck
	Private truck	Private truck
	Air	Air
	Inland water and/or Great Lakes	Shallow draft vessel
	Deep sea water	Deep draft vessel
	Pipeline	Pipeline
	Parcel, U.S. Postal Service, or courier	Parcel, U.S. Postal Service, or courier
	Other	Other
	Unknown	Unknown

Item	1993	1997
6. Data items requested on questionnaire	For **each** shipment:	For **each** shipment:
	Total value	Total value
	Total weight	Total weight
	Major commodity (STCC)	**Major** commodity (SCTG)
	All modes of transportation	**All** modes of transportation
	Multiple origins (respondents specifically requested to report all shipment origins for the sampled establishment and report the appropriate origin for each shipment; assumed to always be the mailing address if no other origins listed).	Single origin (assumed to be the mailing address unless the respondent provided a different physical location address).
	Destination	Destination
	Containerized (Y/N)	Containerized (Y/N)
	Hazardous material (Y/N)	Hazardous material (UN/NA codes)
	Export (Y/N)	Export (Y/N)
	If export, mode of export, foreign country, and city of destination.	If export, mode of export, foreign country,and city of destination.

Appendix B.
Reliability of the Estimates

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

Sampling and nonsampling errors are often measured by the quantities, bias and variance. The bias of an estimator of an unknown population value is the difference, averaged over all possible samples of the same size and design, between the estimator and the unknown population value. Any systematic error, or inaccuracy that affects all samples of a specified design in a similar way, may bias the resulting estimates. Variance is the squared difference, averaged over all possible samples of the same size and design, between an estimator and its average value. Descriptions of sampling and nonsampling errors for the 1997 Commodity Flow Survey (CFS) are provided in the following sections.

SAMPLING ERROR

Because the estimates are based on a sample, exact agreement with the results that would be obtained from a complete enumeration of all the shipments made in 1997 from all establishments included on the CFS sampling frame is not expected. However, because probability sampling was used at each stage of selection, it is possible to estimate the sampling variability of the survey estimates. For CFS estimates, sampling variability arises from each of the three stages of sampling. (See Appendix C for a description of the sample design.)

The particular sample used in this survey is one of a large number of samples of the same size and design that could have been selected. If all possible samples had been surveyed, under the same conditions, an estimate of an unknown population value could have been obtained from each sample. The estimates obtained from these samples give rise to a distribution of estimates for the unknown population value. A statistical measure of the variability among these estimates is the standard error, which can be approximated from any one sample. The coefficient of variation (or relative standard error) of an estimate is the standard error of the estimate divided by the estimate. Measures of sampling variability, such as the standard error or coefficient of variation, are estimated from the sample and are also subject to sampling variability. (Technically, we should refer to the estimated standard error or the estimated coefficient of variation of an estimator. However, we have omitted this detail for the sake of brevity.) It is important to note that the standard error and coefficient of variation only measure sampling variability. They do not measure any biases in the estimates. All coefficients of variation are expressed as percents. Standard errors for the corresponding percentage estimates are also provided.

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

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

NONSAMPLING ERROR

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

A potentially large source of bias in the estimates is due to nonresponse. Nonresponse is defined as the inability to obtain all the intended measurements or responses from all the selected establishments. Four levels of nonresponse can occur in the CFS: item, shipment, quarter (reporting week), and establishment. Item nonresponse

occurs either when a question is unanswered or the response to the question fails computer or analyst edits. Item nonresponse is corrected by imputation. (Imputation is the procedure by which a missing value is replaced by a predicted value obtained from an appropriate model.) Shipment, quarter, and establishment nonresponse are used to describe the inability to obtain sufficient information about a sampled shipment, quarter, or establishment, respectively, that prevents it from contributing to tabulations. Shipment and quarter nonresponse are corrected during the estimation procedure by reweighting. Reweighting allocates characteristics to the nonrespondents in proportion to the characteristics observed for the respondents. The amount of bias introduced by this nonresponse adjustment procedure depends on the extent to which the nonrespondents differ, characteristically, from the respondents. Establishment nonresponse is corrected during the estimation procedure by the SIC-level adjustment weight. (See Appendix C for a description of the estimation procedure.) In most cases of establishment nonresponse, none of the four questionnaires have been returned to the Census Bureau, after several attempts to elicit a response. Approximately 67 percent of the sampled establishments provided at least one quarter of data that contributed to tabulations.

Some possible sources of bias that are attributed to respondent-conducted sampling include misunderstanding the definition of a shipment, constructing an incomplete frame of shipments from which to sample, ordering the shipment sampling frame by selected shipment characteristics, and selecting shipment records by a method other than the one specified in the questionnaire's instructions. We often contacted respondents who reported shipments having atypically large value or weight when compared to the rest of their reported shipments. Upon contact, if we are able to collect information on all of a given respondent's large shipments made either for a particular reporting week or for the entire quarter, then we identify these large shipments as certainty shipments. (See Appendix C for a description of how certainty shipments are used in the estimation process.)

Table B–1a. Measures of Reliability for Shipment Characteristics by Mode of Transportation for the Region: 1997

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

Mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
All modes	**3.1**	**–**	**3.8**	**–**	**7.7**	**–**	**6.2**
Single modes	**4.0**	**.8**	**4.0**	**1.0**	**8.4**	**1.8**	**9.7**
Truck	3.8	1.0	4.7	1.5	2.1	2.5	12.2
For-hire truck	4.3	.8	6.3	1.4	2.5	1.6	6.2
Private truck	4.5	.9	5.7	1.4	5.5	.9	7.5
Rail	5.7	.2	9.8	1.8	12.9	3.4	3.1
Water	19.5	.2	17.0	.5	20.8	.7	20.9
Shallow draft	18.6	–	17.7	.2	30.7	.2	12.1
Great Lakes	–	–	–	–	–	–	–
Deep draft	29.5	.2	29.9	.5	26.2	.7	19.8
Air (includes truck and air)	16.2	1.0	14.2	–	14.0	–	2.0
Pipeline	10.7	.2	10.2	.5	S	S	S
Multiple modes	**2.8**	**.6**	**20.7**	**.6**	**20.0**	**1.8**	**5.4**
Parcel, U.S. Postal Service or courier	3.2	.6	4.5	–	6.0	–	5.4
Truck and rail	21.9	.1	S	S	46.7	1.1	5.2
Truck and water	15.4	–	19.0	–	15.5	.2	10.2
Rail and water	23.8	–	29.3	.4	28.3	1.6	12.2
Other multiple modes	S	S	S	S	29.6	–	S
Other and unknown modes	**4.9**	**.3**	**13.5**	**.7**	**16.7**	**.6**	**12.7**

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons.

Note: For description of development and uses of measures of reliability, see Appendix B, Reliability of the Estimates.

Table B–1b. Measures of Reliability for Shipment Characteristics by Mode of Transportation for the Region: 1997 and 1993

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

Mode of transportation	Value			Tons			Ton-miles			Average miles per shipment		
	Coefficient of variation of number		Standard error of percent change	Coefficient of variation of number		Standard error of percent change	Coefficient of variation of number		Standard error of percent change	Coefficient of variation		Standard error of percent change
	1997	1993		1997	1993		1997	1993		1997	1993	
All modes	**3.1**	**2.4**	**4.9**	**3.8**	**4.8**	**6.2**	**7.7**	**6.9**	**10.8**	**6.2**	**3.3**	**7.7**
Single modes	**4.0**	**1.9**	**5.5**	**4.0**	**4.7**	**6.5**	**8.4**	**7.3**	**11.4**	**9.7**	**11.3**	**11.6**
Truck	3.8	2.1	5.2	4.7	2.9	6.1	2.1	2.7	3.7	12.2	3.9	12.3
For-hire truck	4.3	3.7	6.0	6.3	5.7	8.1	2.5	3.6	4.5	6.2	3.9	8.4
Private truck	4.5	2.1	6.7	5.7	3.2	7.6	5.5	3.8	8.3	7.5	3.7	8.4
Rail	5.7	8.2	9.3	9.8	8.0	11.9	12.9	9.6	16.8	3.1	4.9	6.2
Water	19.5	17.3	35.5	17.0	24.7	42.2	20.8	27.1	23.0	20.9	7.5	13.4
Shallow draft	18.6	19.4	47.0	17.7	30.2	41.3	30.7	25.2	67.2	12.1	46.1	83.0
Great Lakes	–	–	–	–	–	–	–	–	–	–	–	–
Deep draft	29.5	20.3	43.6	29.9	27.1	65.7	26.2	29.8	22.9	19.8	5.5	11.3
Air (includes truck and air)	16.2	7.2	38.7	14.2	14.3	31.5	14.0	15.3	35.0	2.0	3.6	4.4
Pipeline	10.7	22.5	23.2	10.2	32.5	27.0	S	S	S	S	S	S
Multiple modes	**2.8**	**8.3**	**13.5**	**20.7**	**21.2**	**43.5**	**20.0**	**22.5**	**46.5**	**5.4**	**3.5**	**7.1**
Parcel, U.S. Postal Service or courier	3.2	5.2	10.3	4.5	9.1	13.0	6.0	10.1	16.7	5.4	3.4	7.1
Truck and rail	21.9	S	S	S	19.7	S	46.7	24.5	70.6	5.2	8.6	7.9
Truck and water	15.4	10.7	34.3	19.0	S	S	15.5	23.9	25.7	10.2	5.6	9.3
Rail and water	23.8	35.1	148.7	29.3	45.0	140.7	28.3	46.5	103.5	12.2	15.7	16.8
Other multiple modes	S	S	S	S	S	S	29.6	S	S	S	S	S
Other and unknown modes	**4.9**	**14.1**	**13.1**	**13.5**	**16.1**	**12.4**	**16.7**	**20.4**	**18.7**	**12.7**	**18.2**	**15.6**

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons.

Note: For description of development and uses of measures of reliability, see Appendix B, Reliability of the Estimates.

Table B–1c. Standard Error of Percentage for Shipment Characteristics by Mode of Transportation for the Region: Percent of Total 1997 and 1993

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

Mode of transportation	Value (percent)		Tons (percent)		Ton-miles (percent)	
	1997	1993	1997	1993	1997	1993
All modes	**–**	**–**	**–**	**–**	**–**	**–**
Single modes	**.8**	**1.2**	**1.0**	**1.5**	**1.8**	**1.4**
Truck	1.0	1.1	1.5	2.0	2.5	1.7
For-hire truck	.8	.9	1.4	1.3	1.6	1.3
Private truck	.9	.9	1.4	1.4	.9	.5
Rail	.2	.3	1.8	1.3	3.4	1.8
Water	.2	.1	.5	.5	.7	.8
Shallow draft	–	–	.2	.3	.2	–
Great Lakes	–	–	–	–	–	–
Deep draft	.2	.1	.5	.3	.7	.8
Air (includes truck and air)	1.0	.4	–	–	–	–
Pipeline	.2	.4	.5	1.1	S	S
Multiple modes	**.6**	**.9**	**.6**	**.4**	**1.8**	**1.3**
Parcel, U.S. Postal Service or courier	.6	.5	–	–	–	–
Truck and rail	.1	S	S	.2	1.1	.5
Truck and water	–	–	–	S	.2	.2
Rail and water	–	–	.4	.2	1.6	1.3
Other multiple modes	S	S	S	S	–	S
Other and unknown modes	**.3**	**.9**	**.7**	**1.5**	**.6**	**1.0**

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons.

Note: For description of development and uses of measures of reliability, see Appendix B, Reliability of the Estimates.

Table B–2. Measures of Reliability for Shipment Characteristics by Total Modal Activity for the Region: 1997

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

Mode of transportation	Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	
Total	**7.7**	**–**	**6.2**
Truck	2.3	2.4	11.9
Rail	11.9	3.3	3.0
Shallow draft	23.9	.4	9.8
Great Lakes	S	S	21.4
Deep draft	18.5	.7	13.1
Air	14.0	–	2.1
Parcel, U.S. Postal Service or courier	6.0	–	5.4
Pipeline	S	S	S
Other and unknown modes	16.7	.6	12.7

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons.

Note: For description of development and uses of measures of reliability, see Appendix B, Reliability of the Estimates.

Table B–3. **Measures of Reliability for Shipment Characteristics by Mode of Transportation and Distance Shipped for the Region: 1997**

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

Mode of transportation and distance shipped (based on Great Circle Distance)	Value		Tons		Ton-miles	
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage
All modes	**3.1**	**–**	**3.8**	**–**	**7.7**	**–**
Less than 50 miles	3.4	1.0	6.3	2.0	5.6	.5
50 to 99 miles	9.6	.5	4.5	.4	5.6	.2
100 to 249 miles	6.9	.4	5.8	.6	5.6	.6
250 to 499 miles	6.3	.3	6.7	.4	5.4	.7
500 to 749 miles	3.7	.1	10.7	.6	11.3	1.2
750 to 999 miles	5.6	.2	16.2	.9	15.7	1.7
1,000 to 1,499 miles	6.2	.3	13.5	.7	13.9	2.2
1,500 to 1,999 miles	5.0	.3	9.0	.2	9.1	1.1
2,000 miles or more	5.5	.6	3.2	–	3.3	.7
Single modes	**4.0**	**–**	**4.0**	**–**	**8.4**	**–**
Less than 50 miles	4.1	1.2	6.5	2.0	5.7	.5
50 to 99 miles	10.6	.5	4.4	.4	4.1	.2
100 to 249 miles	8.6	.6	5.5	.7	5.3	.6
250 to 499 miles	6.9	.3	7.2	.5	6.0	.8
500 to 749 miles	5.0	.2	11.3	.7	11.8	1.5
750 to 999 miles	8.2	.3	19.5	1.0	19.1	2.0
1,000 to 1,499 miles	8.4	.4	14.0	.6	14.3	2.0
1,500 to 1,999 miles	6.1	.3	10.3	.2	10.5	1.2
2,000 miles or more	8.0	.7	4.8	–	4.8	.6
Truck	**3.8**	**–**	**4.7**	**–**	**2.1**	**–**
Less than 50 miles	2.6	1.1	6.3	1.3	6.3	.8
50 to 99 miles	11.5	.6	4.9	.5	4.7	.3
100 to 249 miles	9.4	.6	4.0	.4	4.0	.4
250 to 499 miles	7.3	.4	5.0	.3	5.0	.6
500 to 749 miles	6.0	.3	5.6	.1	5.5	.5
750 to 999 miles	5.8	.2	8.6	.1	8.3	.6
1,000 to 1,499 miles	7.4	.4	13.1	.2	11.7	1.2
1,500 to 1,999 miles	6.0	.3	5.6	–	5.1	.6
2,000 miles or more	9.5	.5	5.8	–	5.9	.9
For-hire truck	**4.3**	**–**	**6.3**	**–**	**2.5**	**–**
Less than 50 miles	5.1	1.3	10.9	2.3	9.4	.5
50 to 99 miles	9.9	.5	7.6	.9	8.0	.3
100 to 249 miles	11.4	.9	4.1	.9	3.7	.4
250 to 499 miles	8.2	.7	5.9	.5	6.0	.6
500 to 749 miles	6.5	.4	5.3	.3	5.2	.5
750 to 999 miles	5.9	.4	4.8	.2	5.0	.5
1,000 to 1,499 miles	7.9	.6	10.2	.3	9.6	1.1
1,500 to 1,999 miles	7.1	.5	6.1	.2	5.7	.7
2,000 miles or more	11.2	.9	6.4	.2	6.6	1.2
Private truck	**4.5**	**–**	**5.7**	**–**	**5.5**	**–**
Less than 50 miles	3.2	1.4	6.7	1.2	6.7	1.7
50 to 99 miles	16.7	1.2	7.0	.6	6.6	.7
100 to 249 miles	11.7	.8	7.1	.5	7.7	1.1
250 to 499 miles	8.4	.3	10.2	.2	10.4	1.2
500 to 749 miles	9.9	.1	14.1	.1	13.1	.9
750 to 999 miles	16.4	.1	34.0	.2	32.3	1.7
1,000 to 1,499 miles	12.0	.1	S	S	49.8	2.2
1,500 to 1,999 miles	15.0	.2	11.6	–	11.9	.6
2,000 miles or more	14.3	.3	27.2	–	26.1	1.5
Rail	**5.7**	**–**	**9.8**	**–**	**12.9**	**–**
Less than 50 miles	16.6	1.0	18.5	3.0	19.6	–
50 to 99 miles	24.9	.6	22.0	1.0	23.1	.2
100 to 249 miles	15.6	1.1	18.9	1.6	16.2	.4
250 to 499 miles	8.2	.9	10.6	1.0	9.3	.7
500 to 749 miles	9.8	1.1	13.2	2.5	13.5	2.6
750 to 999 miles	6.2	.8	22.3	2.3	21.6	2.4
1,000 to 1,499 miles	7.8	.7	17.7	2.1	17.8	2.9
1,500 to 1,999 miles	6.7	1.1	16.5	.6	16.8	1.8
2,000 miles or more	11.9	.8	9.2	.1	9.1	.5
Water	**19.5**	**–**	**17.0**	**–**	**20.8**	**–**
Less than 50 miles	32.4	7.3	27.5	8.1	46.7	2.9
50 to 99 miles	40.0	.8	S	S	S	S
100 to 249 miles	39.5	3.0	36.0	5.5	37.2	6.3
250 to 499 miles	46.9	6.2	S	S	48.6	7.7
500 to 749 miles	31.5	.5	45.0	.2	S	S
750 to 999 miles	S	S	S	S	S	S
1,000 to 1,499 miles	46.9	4.0	49.9	2.1	49.3	8.5
1,500 to 1,999 miles	S	S	S	S	S	S
2,000 miles or more	25.5	1.0	49.0	.3	S	S
Shallow draft	**18.6**	**–**	**17.7**	**–**	**30.7**	**–**
Less than 50 miles	23.7	9.0	27.2	9.1	22.6	10.8
50 to 99 miles	S	S	S	S	S	S
100 to 249 miles	49.3	6.4	36.4	7.7	37.9	9.8
250 to 499 miles	S	S	S	S	S	S
500 to 749 miles	43.9	1.2	S	S	S	S
750 to 999 miles	S	S	S	S	S	S
1,000 to 1,499 miles	–	–	–	–	–	–
1,500 to 1,999 miles	–	–	–	–	–	–
2,000 miles or more	–	–	–	–	–	–

See footnotes at end of table.

Table B–3. **Measures of Reliability for Shipment Characteristics by Mode of Transportation and Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

Mode of transportation and distance shipped (based on Great Circle Distance)	Value		Tons		Ton-miles	
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage
Single modes—Con.						
Great Lakes	**–**	**–**	**–**	**–**	**–**	**–**
Less than 50 miles	–	–	–	–	–	–
50 to 99 miles	–	–	–	–	–	–
100 to 249 miles	–	–	–	–	–	–
250 to 499 miles	–	–	–	–	–	–
500 to 749 miles	–	–	–	–	–	–
750 to 999 miles	–	–	–	–	–	–
1,000 to 1,499 miles	–	–	–	–	–	–
1,500 to 1,999 miles	–	–	–	–	–	–
2,000 miles or more	–	–	–	–	–	–
Deep draft	**29.5**	**–**	**29.9**	**–**	**26.2**	**–**
Less than 50 miles	43.7	9.2	37.8	11.0	S	S
50 to 99 miles	39.4	.8	S	S	S	S
100 to 249 miles	34.6	3.9	S	S	S	S
250 to 499 miles	S	S	S	S	S	S
500 to 749 miles	47.4	.4	S	S	S	S
750 to 999 miles	S	S	S	S	S	S
1,000 to 1,499 miles	46.9	7.0	49.9	8.2	49.3	9.1
1,500 to 1,999 miles	S	S	S	S	S	S
2,000 miles or more	25.5	1.6	49.0	.6	S	S
Air (includes truck and air)	**16.2**	**–**	**14.2**	**–**	**14.0**	**–**
Less than 50 miles	S	S	S	S	S	S
50 to 99 miles	25.8	.4	23.8	1.5	25.1	.1
100 to 249 miles	17.1	.7	S	S	39.8	.5
250 to 499 miles	14.6	1.2	19.0	1.2	19.4	.4
500 to 749 miles	19.7	.8	15.8	.7	15.9	.5
750 to 999 miles	27.4	1.2	26.6	1.6	25.9	1.2
1,000 to 1,499 miles	25.7	2.3	18.9	2.0	19.9	2.2
1,500 to 1,999 miles	21.2	2.3	17.6	1.7	16.9	2.0
2,000 miles or more	15.5	4.2	22.1	3.6	21.0	3.8
Pipeline	**10.7**	**–**	**10.2**	**–**	**S**	**S**
Less than 50 miles	15.5	6.7	14.4	6.7	S	S
50 to 99 miles	S	S	S	S	S	S
100 to 249 miles	26.2	5.7	31.3	5.5	S	S
250 to 499 miles	49.5	1.9	42.1	3.0	S	S
500 to 749 miles	S	S	S	S	S	S
750 to 999 miles	–	–	–	–	S	S
1,000 to 1,499 miles	S	S	S	S	S	S
1,500 to 1,999 miles	S	S	S	S	S	S
2,000 miles or more	–	–	–	–	S	S
Multiple modes	**2.8**	**–**	**20.7**	**–**	**20.0**	**–**
Less than 50 miles	5.6	.9	32.9	2.2	28.9	–
50 to 99 miles	8.4	.4	S	S	S	S
100 to 249 miles	5.3	.4	23.8	2.3	32.3	.6
250 to 499 miles	7.2	.7	35.7	1.0	46.1	.5
500 to 749 miles	5.9	.4	39.6	1.0	41.8	1.0
750 to 999 miles	8.4	.5	37.0	7.1	36.7	7.0
1,000 to 1,499 miles	6.9	.5	35.5	4.6	38.3	5.9
1,500 to 1,999 miles	7.3	1.1	11.7	1.8	13.0	3.3
2,000 miles or more	4.7	.8	7.4	2.4	7.6	5.2
Parcel, U.S. Postal Service or courier	**3.2**	**–**	**4.5**	**–**	**6.0**	**–**
Less than 50 miles	5.5	.9	9.6	1.4	7.6	–
50 to 99 miles	8.8	.4	9.2	.5	9.2	–
100 to 249 miles	5.6	.4	7.0	.7	6.7	.2
250 to 499 miles	7.1	.7	8.9	.8	8.2	.3
500 to 749 miles	6.0	.4	7.3	.3	7.5	.3
750 to 999 miles	9.3	.5	10.1	.5	9.8	.4
1,000 to 1,499 miles	7.3	.5	8.8	.6	8.6	.7
1,500 to 1,999 miles	5.5	.7	13.6	1.5	13.3	2.2
2,000 miles or more	4.9	.8	7.7	1.0	7.3	1.8
Truck and rail	**21.9**	**–**	**S**	**S**	**46.7**	**–**
Less than 50 miles	28.2	1.1	36.9	3.1	32.9	.2
50 to 99 miles	46.1	.6	S	S	S	S
100 to 249 miles	25.4	.9	37.6	1.5	35.0	.4
250 to 499 miles	34.5	1.9	S	S	S	S
500 to 749 miles	15.8	1.4	S	S	S	S
750 to 999 miles	19.5	2.2	12.7	1.9	12.3	1.4
1,000 to 1,499 miles	25.3	2.1	S	S	S	S
1,500 to 1,999 miles	42.7	5.7	16.6	3.6	16.3	4.0
2,000 miles or more	13.6	3.5	13.1	3.7	13.2	5.2
Truck and water	**15.4**	**–**	**19.0**	**–**	**15.5**	**–**
Less than 50 miles	S	S	35.8	1.4	36.6	–
50 to 99 miles	22.6	1.5	27.2	2.2	28.3	.4
100 to 249 miles	18.7	3.0	48.1	5.4	S	S
250 to 499 miles	S	S	47.3	2.7	43.7	1.5
500 to 749 miles	40.1	1.1	48.9	.7	S	S
750 to 999 miles	23.4	.7	33.2	.9	33.0	.9
1,000 to 1,499 miles	17.0	1.1	21.6	1.7	21.5	1.4
1,500 to 1,999 miles	38.2	3.9	23.7	1.2	48.5	3.4
2,000 miles or more	13.8	4.4	14.0	4.7	13.8	4.2

See footnotes at end of table.

Table B–3. **Measures of Reliability for Shipment Characteristics by Mode of Transportation and Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

Mode of transportation and distance shipped (based on Great Circle Distance)	Value		Tons		Ton-miles	
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage
Multiple modes—Con.						
Rail and water	**23.8**	**–**	**29.3**	**–**	**28.3**	**–**
Less than 50 miles	–	–	–	–	–	–
50 to 99 miles	–	–	–	–	–	–
100 to 249 miles	–	–	–	–	–	–
250 to 499 miles	–	–	–	–	–	–
500 to 749 miles	S	S	S	S	S	S
750 to 999 miles	32.3	8.5	39.2	9.6	38.7	9.2
1,000 to 1,499 miles	30.2	8.4	37.8	8.7	37.6	8.5
1,500 to 1,999 miles	S	S	S	S	S	S
2,000 miles or more	S	S	S	S	S	S
Other multiple modes	**S**	**S**	**S**	**S**	**29.6**	**–**
Less than 50 miles	S	S	S	S	S	S
50 to 99 miles	S	S	S	S	S	S
100 to 249 miles	S	S	S	S	S	S
250 to 499 miles	–	–	–	–	–	–
500 to 749 miles	S	S	S	S	S	S
750 to 999 miles	–	–	–	–	–	–
1,000 to 1,499 miles	S	S	S	S	S	S
1,500 to 1,999 miles	S	S	S	S	S	S
2,000 miles or more	39.3	10.9	42.8	11.4	43.4	10.8
Other and unknown modes	**4.9**	**–**	**13.5**	**–**	**16.7**	**–**
Less than 50 miles	6.0	2.5	15.9	4.7	20.1	1.6
50 to 99 miles	12.1	.5	S	S	S	S
100 to 249 miles	38.8	2.0	27.0	1.2	27.6	.8
250 to 499 miles	19.6	1.2	48.6	1.6	46.0	2.7
500 to 749 miles	17.0	.6	36.6	1.6	36.6	1.8
750 to 999 miles	15.7	.8	45.6	.4	48.6	1.5
1,000 to 1,499 miles	12.8	.9	36.5	1.3	38.4	3.8
1,500 to 1,999 miles	19.6	1.4	24.5	.6	24.2	2.2
2,000 miles or more	19.4	1.0	17.2	.7	17.2	3.7

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons.

Note: For description of development and uses of measures of reliability, see Appendix B, Reliability of the Estimates.

Table B–4. **Measures of Reliability for Shipment Characteristics by Mode of Transportation and Shipment Size for the Region: 1997**

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

Mode of transportation and shipment size	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
All modes	**3.1**	**–**	**3.8**	**–**	**7.7**	**–**	**6.2**
Less than 50 lb	3.1	.6	7.4	–	4.9	–	6.9
50 to 99 lb	4.5	.3	3.9	–	5.9	–	5.6
100 to 499 lb	3.0	.4	3.1	–	3.5	–	4.0
500 to 749 lb	4.8	.2	3.3	–	7.0	–	5.9
750 to 999 lb	4.8	.1	3.4	–	5.8	–	6.5
1,000 to 9,999 lb	3.9	.6	2.5	.2	9.7	.3	8.1
10,000 to 49,999 lb	7.5	1.1	5.2	1.3	2.2	1.7	5.5
50,000 to 99,999 lb	8.0	.3	5.6	.8	5.0	.6	5.6
100,000 lb or more	10.0	.7	6.5	1.6	10.8	2.6	5.2
Single modes	**4.0**	**–**	**4.0**	**–**	**8.4**	**–**	**9.7**
Less than 50 lb	5.8	.3	14.7	–	13.6	–	14.3
50 to 99 lb	7.9	.3	4.9	–	10.6	–	11.5
100 to 499 lb	3.9	.5	3.4	–	4.1	–	5.9
500 to 749 lb	5.0	.2	3.3	–	5.7	–	5.4
750 to 999 lb	5.5	.1	3.9	–	5.3	–	6.3
1,000 to 9,999 lb	4.3	.7	2.7	.2	7.0	.3	6.5
10,000 to 49,999 lb	7.9	1.3	5.4	1.3	2.7	1.8	5.9
50,000 to 99,999 lb	8.2	.4	5.6	.9	5.2	.6	5.5
100,000 lb or more	11.2	.9	7.0	1.7	11.9	2.8	5.5
Truck	**3.8**	**–**	**4.7**	**–**	**2.1**	**–**	**12.2**
Less than 50 lb	3.1	.2	15.4	–	19.1	–	23.2
50 to 99 lb	5.3	.2	5.1	–	9.2	–	10.0
100 to 499 lb	2.8	.5	3.5	–	3.2	–	5.2
500 to 749 lb	4.5	.2	3.3	–	5.8	–	5.8
750 to 999 lb	5.0	.1	3.9	–	5.3	–	6.2
1,000 to 9,999 lb	4.5	.9	2.7	.3	7.2	.9	6.9
10,000 to 49,999 lb	8.0	1.3	5.4	1.5	2.9	.9	6.1
50,000 to 99,999 lb	5.8	.4	5.7	1.1	5.2	.8	5.5
100,000 lb or more	13.5	.3	17.3	1.4	11.4	.9	8.4
For-hire truck	**4.3**	**–**	**6.3**	**–**	**2.5**	**–**	**6.2**
Less than 50 lb	7.2	.2	12.6	–	28.2	–	7.7
50 to 99 lb	12.9	.4	6.3	–	13.1	–	6.9
100 to 499 lb	6.4	.8	4.2	–	4.4	–	3.9
500 to 749 lb	7.5	.3	5.5	–	7.5	–	4.9
750 to 999 lb	9.2	.3	9.6	–	6.6	–	7.3
1,000 to 9,999 lb	7.8	1.2	4.4	.4	10.3	1.3	5.9
10,000 to 49,999 lb	6.2	1.2	5.6	1.2	3.4	1.0	4.4
50,000 to 99,999 lb	4.7	.4	9.5	1.6	4.7	.7	8.0
100,000 lb or more	18.4	.6	12.7	1.4	14.3	1.0	12.4
Private truck	**4.5**	**–**	**5.7**	**–**	**5.5**	**–**	**7.5**
Less than 50 lb	3.4	.3	17.3	–	13.4	–	14.9
50 to 99 lb	3.0	.2	5.6	–	12.9	–	13.8
100 to 499 lb	3.7	.7	4.1	.1	5.3	.1	6.7
500 to 749 lb	4.3	.3	4.1	–	5.8	–	5.8
750 to 999 lb	5.7	.2	4.8	–	6.3	–	5.3
1,000 to 9,999 lb	5.9	1.4	3.8	.5	4.9	.7	3.6
10,000 to 49,999 lb	12.6	2.2	7.8	1.7	6.9	1.9	7.9
50,000 to 99,999 lb	8.9	.6	8.9	1.6	12.4	2.3	10.3
100,000 lb or more	11.0	.2	12.7	1.3	13.3	.8	17.5
Rail	**5.7**	**–**	**9.8**	**–**	**12.9**	**–**	**3.1**
Less than 50 lb	S	S	49.1	–	S	S	35.6
50 to 99 lb	S	S	S	S	S	S	22.1
100 to 499 lb	S	S	26.8	–	38.5	–	15.2
500 to 749 lb	S	S	S	S	S	S	35.3
750 to 999 lb	S	S	35.1	–	35.6	–	19.8
1,000 to 9,999 lb	31.8	.3	20.6	–	22.5	–	4.3
10,000 to 49,999 lb	10.2	1.0	8.7	.1	9.3	.3	3.6
50,000 to 99,999 lb	11.7	.4	21.6	.2	10.3	.1	18.4
100,000 lb or more	6.2	1.0	9.9	.2	13.1	.3	2.8
Water	**19.5**	**–**	**17.0**	**–**	**20.8**	**–**	**20.9**
Less than 50 lb	S	S	39.1	–	S	S	25.5
50 to 99 lb	34.9	.1	29.6	–	25.9	–	35.3
100 to 499 lb	S	S	37.3	–	49.6	–	13.9
500 to 749 lb	S	S	34.3	–	48.9	–	28.8
750 to 999 lb	33.7	–	34.9	–	45.3	–	17.4
1,000 to 9,999 lb	16.4	1.2	S	S	27.6	.2	S
10,000 to 49,999 lb	23.0	2.6	41.8	2.8	S	S	39.7
50,000 to 99,999 lb	35.7	.3	43.6	.1	43.8	1.0	22.8
100,000 lb or more	21.7	3.4	17.6	3.5	23.8	5.1	22.0
Shallow draft	**18.6**	**–**	**17.7**	**–**	**30.7**	**–**	**12.1**
Less than 50 lb	S	S	46.1	–	S	S	28.0
50 to 99 lb	S	S	S	S	S	S	20.2
100 to 499 lb	S	S	S	S	S	S	19.8
500 to 749 lb	S	S	S	S	S	S	20.2
750 to 999 lb	S	S	S	S	S	S	24.0
1,000 to 9,999 lb	S	S	S	S	S	S	21.4
10,000 to 49,999 lb	S	S	36.6	.3	S	S	21.0
50,000 to 99,999 lb	S	S	43.2	–	46.8	–	24.8
100,000 lb or more	20.3	4.6	17.7	.3	30.8	.4	14.3

See footnote at end of table.

Table B–4. **Measures of Reliability for Shipment Characteristics by Mode of Transportation and Shipment Size for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

Mode of transportation and shipment size	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
Single modes—Con.							
Great Lakes	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Less than 50 lb	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–
1,000 to 9,999 lb	–	–	–	–	–	–	–
10,000 to 49,999 lb	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–
Deep draft	**29.5**	**–**	**29.9**	**–**	**26.2**	**–**	**19.8**
Less than 50 lb	S	S	39.8	–	S	S	24.2
50 to 99 lb	44.0	.2	33.1	–	29.4	–	46.5
100 to 499 lb	S	S	36.0	.2	49.8	.4	14.2
500 to 749 lb	S	S	39.6	.2	S	S	19.7
750 to 999 lb	38.8	.4	35.3	.2	45.5	.5	17.3
1,000 to 9,999 lb	17.5	4.5	S	S	28.7	3.9	S
10,000 to 49,999 lb	27.2	4.3	43.1	5.2	S	S	39.4
50,000 to 99,999 lb	39.9	.5	45.6	1.3	44.1	3.0	22.8
100,000 lb or more	34.2	7.4	31.2	7.8	30.8	10.0	28.3
Air (includes truck and air)	**16.2**	**–**	**14.2**	**–**	**14.0**	**–**	**2.0**
Less than 50 lb	13.8	3.6	11.3	1.4	12.1	1.3	2.4
50 to 99 lb	27.4	2.3	16.4	.7	19.1	1.0	3.7
100 to 499 lb	14.3	2.4	14.9	2.5	15.9	2.7	3.5
500 to 749 lb	13.4	1.1	20.7	1.0	16.8	.9	7.3
750 to 999 lb	25.3	.4	19.3	.6	18.5	.6	9.4
1,000 to 9,999 lb	16.1	2.1	22.6	2.4	27.2	3.6	4.1
10,000 to 49,999 lb	48.3	1.5	23.5	2.3	26.0	2.7	7.0
50,000 to 99,999 lb	42.7	1.2	S	S	30.6	1.3	47.8
100,000 lb or more	42.5	5.6	39.3	3.8	47.7	4.5	14.5
Pipeline	**10.7**	**–**	**10.2**	**–**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	S
750 to 999 lb	–	–	–	–	S	S	S
1,000 to 9,999 lb	49.1	.2	46.7	–	S	S	S
10,000 to 49,999 lb	40.0	.2	41.5	.1	S	S	S
50,000 to 99,999 lb	28.9	.1	30.4	.1	S	S	S
100,000 lb or more	10.7	.3	10.3	.2	S	S	S
Multiple modes	**2.8**	**–**	**20.7**	**–**	**20.0**	**–**	**5.4**
Less than 50 lb	4.0	1.1	4.1	1.4	3.8	1.4	5.6
50 to 99 lb	5.4	.7	6.5	.7	6.9	.5	4.5
100 to 499 lb	4.3	.6	5.3	1.3	7.4	1.0	3.5
500 to 749 lb	14.7	.5	12.1	.4	21.4	.3	8.4
750 to 999 lb	10.4	.1	17.8	.2	23.6	.3	7.2
1,000 to 9,999 lb	42.6	.9	19.0	.4	18.2	.6	6.4
10,000 to 49,999 lb	16.3	.5	7.0	3.8	9.9	5.2	5.2
50,000 to 99,999 lb	16.6	–	32.7	1.3	21.3	.5	37.3
100,000 lb or more	26.3	.2	27.0	8.3	26.3	8.7	10.7
Parcel, U.S. Postal Service or courier	**3.2**	**–**	**4.5**	**–**	**6.0**	**–**	**5.4**
Less than 50 lb	4.0	1.1	4.1	1.6	3.7	2.0	5.6
50 to 99 lb	5.5	.7	6.6	.6	7.0	.8	4.5
100 to 499 lb	4.4	.6	5.5	1.0	7.6	1.3	3.6
500 to 749 lb	15.3	.5	12.7	.7	22.4	1.1	9.0
750 to 999 lb	10.8	.2	20.4	.6	26.9	1.0	7.9
1,000 to 9,999 lb	S	S	S	S	S	S	19.1
10,000 to 49,999 lb	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–
Truck and rail	**21.9**	**–**	**S**	**S**	**46.7**	**–**	**5.2**
Less than 50 lb	S	S	S	S	S	S	19.2
50 to 99 lb	S	S	S	S	S	S	19.7
100 to 499 lb	31.9	.1	30.6	–	35.2	–	11.6
500 to 749 lb	29.5	–	31.9	–	41.6	–	17.1
750 to 999 lb	35.2	–	38.8	–	44.2	–	15.5
1,000 to 9,999 lb	S	S	17.7	.2	17.1	.2	6.7
10,000 to 49,999 lb	20.6	5.0	10.8	9.4	13.2	8.3	4.5
50,000 to 99,999 lb	17.8	1.0	30.6	2.5	19.5	.8	37.8
100,000 lb or more	22.9	2.4	S	S	S	S	10.5
Truck and water	**15.4**	**–**	**19.0**	**–**	**15.5**	**–**	**10.2**
Less than 50 lb	34.6	.8	31.8	–	S	S	14.8
50 to 99 lb	39.8	.9	42.8	–	S	S	15.9
100 to 499 lb	27.2	1.2	24.3	.4	16.6	.2	25.2
500 to 749 lb	34.5	1.1	21.9	.2	26.0	.2	14.3
750 to 999 lb	37.7	.7	21.9	.2	30.4	.3	13.5
1,000 to 9,999 lb	32.5	4.3	12.5	1.6	14.4	1.7	8.6
10,000 to 49,999 lb	12.9	4.4	11.5	5.3	13.4	3.9	7.7
50,000 to 99,999 lb	41.9	1.4	S	S	41.0	2.2	48.3
100,000 lb or more	33.4	.9	40.5	4.1	47.4	4.1	16.3

See footnote at end of table.

Table B–4. **Measures of Reliability for Shipment Characteristics by Mode of Transportation and Shipment Size for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

Mode of transportation and shipment size	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
Multiple modes—Con.							
Rail and water	**23.8**	**–**	**29.3**	**–**	**28.3**	**–**	**12.2**
Less than 50 lb	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–
1,000 to 9,999 lb	–	–	–	–	–	–	–
10,000 to 49,999 lb	S	S	S	S	S	S	22.4
50,000 to 99,999 lb	S	S	S	S	S	S	21.8
100,000 lb or more	24.8	3.7	29.4	2.9	28.4	2.9	12.8
Other multiple modes	**S**	**S**	**S**	**S**	**29.6**	**–**	**S**
Less than 50 lb	S	S	S	S	S	S	26.4
50 to 99 lb	S	S	S	S	S	S	23.0
100 to 499 lb	S	S	40.0	7.3	S	S	26.4
500 to 749 lb	S	S	S	S	S	S	21.5
750 to 999 lb	S	S	S	S	S	S	22.4
1,000 to 9,999 lb	44.1	.6	49.8	.6	S	S	S
10,000 to 49,999 lb	28.4	12.8	31.0	13.4	39.7	9.9	25.6
50,000 to 99,999 lb	S	S	S	S	S	S	21.1
100,000 lb or more	S	S	S	S	44.5	8.9	48.4
Other and unknown modes	**4.9**	**–**	**13.5**	**–**	**16.7**	**–**	**12.7**
Less than 50 lb	7.5	1.0	7.2	–	20.5	–	17.5
50 to 99 lb	20.5	.7	16.4	–	25.4	–	18.9
100 to 499 lb	16.4	1.1	13.1	.2	19.6	–	39.1
500 to 749 lb	33.7	.7	22.9	–	S	S	20.3
750 to 999 lb	13.1	.1	20.6	–	20.8	–	22.9
1,000 to 9,999 lb	12.1	2.4	22.1	1.9	37.4	4.2	10.3
10,000 to 49,999 lb	10.0	2.4	15.0	3.0	20.6	3.5	9.0
50,000 to 99,999 lb	27.3	.7	34.4	1.5	27.2	2.3	30.0
100,000 lb or more	14.6	2.3	17.1	5.0	21.3	5.1	17.3

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons.

Note: For description of development and uses of measures of reliability, see Appendix B, Reliability of the Estimates.

Table B–5. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity for the Region: 1997**

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code	Commodity description	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
		Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
	All commodities	**3.1**	**–**	**3.8**	**–**	**7.7**	**–**	**6.2**
01	Live animals and live fish	S	S	S	S	S	S	17.0
02	Cereal grains	13.4	.1	14.8	.5	12.4	.2	16.1
03	Other agricultural products	7.9	.2	9.9	.2	12.3	.4	30.2
04	Animal feed and products of animal origin, n.e.c.	12.2	–	11.8	.2	12.3	.2	29.3
05	Meat, fish, seafood, and their preparations	8.6	.3	14.5	.1	14.3	.2	28.7
06	Milled grain products and preparations, and bakery products	10.5	.2	16.4	.1	16.7	.2	39.7
07	Other prepared foodstuffs and fats and oils	3.9	.2	9.4	.4	5.4	.4	25.3
08	Alcoholic beverages	8.8	.2	11.4	.1	24.4	.5	22.8
09	Tobacco products	15.7	–	27.0	–	31.3	–	16.9
10	Monumental or building stone	47.2	–	39.0	–	41.8	–	S
11	Natural sands	15.7	–	18.0	.4	16.3	–	25.3
12	Gravel and crushed stone	10.5	–	11.6	1.3	12.9	.3	15.8
13	Nonmetallic minerals n.e.c.	32.4	–	18.7	.2	23.8	.3	17.9
14	Metallic ores and concentrates	12.2	–	29.4	.1	18.6	–	25.4
15	Coal	5.4	–	10.1	1.7	15.3	3.9	S
17	Gasoline and aviation turbine fuel	9.3	.3	9.2	.8	25.0	.7	19.9
18	Fuel oils	7.9	.1	10.7	.4	20.9	.3	17.1
19	Coal and petroleum products, n.e.c.	10.8	–	14.2	.6	43.0	1.2	25.4
20	Basic chemicals	8.4	–	18.1	.4	18.9	.5	14.0
21	Pharmaceutical products	8.1	.2	14.9	–	18.4	–	10.2
22	Fertilizers	8.5	–	23.1	.3	26.5	.3	8.2
23	Chemical products and preparations, n.e.c.	6.5	.2	11.6	–	15.4	.2	10.4
24	Plastics and rubber	4.4	.1	7.6	–	9.2	–	10.2
25	Logs and other wood in the rough	8.7	–	20.0	.7	15.4	.3	15.4
26	Wood products	4.8	.2	11.0	.5	6.1	.5	7.8
27	Pulp, newsprint, paper, and paperboard	6.3	–	6.9	–	8.4	.2	18.1
28	Paper or paperboard articles	5.2	–	23.5	.2	10.8	–	14.2
29	Printed products	4.0	.1	9.0	–	18.4	–	13.6
30	Textiles, leather, and articles of textiles or leather	10.2	.5	10.1	–	9.3	–	3.8
31	Nonmetallic mineral products	5.2	–	7.4	.5	8.3	.2	15.1
32	Base metal in primary or semifinished forms and in finished basic shapes	6.9	.2	9.8	.2	9.9	.3	14.9
33	Articles of base metal	7.4	.2	10.8	–	12.3	.2	11.4
34	Machinery	6.0	.3	13.8	–	24.6	.1	8.5
35	Electronic and other electrical equipment and components and office equipment	8.0	1.1	13.3	–	25.6	.2	5.7
36	Motorized and other vehicles (including parts)	9.1	.4	12.8	–	16.1	.1	9.4
37	Transportation equipment, n.e.c.	22.1	1.0	22.0	–	18.3	–	10.8
38	Precision instruments and apparatus	9.3	.3	13.9	–	14.7	–	4.4
39	Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	11.9	.1	11.8	–	14.3	–	11.1
40	Miscellaneous manufactured products	23.2	1.3	20.9	.1	36.2	.3	5.0
41	Waste and scrap	11.9	–	15.0	.3	18.7	.4	23.6
43	Mixed freight	26.0	.9	32.3	.4	32.3	.2	16.7
--	Commodity unknown	18.5	.1	34.0	.1	24.7	–	15.2

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons.

Note: For description of development and uses of measures of reliability, see Appendix B, Reliability of the Estimates.

Table B–6. Measures of Reliability for Shipment Characteristics by Three-Digit Commodity for the Region: 1997

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code	Commodity description	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
		Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
	All commodities	**3.1**	**–**	**3.8**	**–**	**7.7**	**–**	**6.2**
010	Live animals and live fish	S	S	S	S	S	S	17.0
021	Wheat	16.4	–	16.4	.3	13.7	.2	27.2
022	Corn, except sweet	32.8	.1	33.1	.4	36.4	–	17.1
029	Other cereal grains	31.3	–	42.8	.1	42.0	.1	39.6
031	Fresh or chilled potatoes (Irish potatoes), except sweet	29.2	–	30.5	–	48.8	.2	S
032	Fresh or chilled edible vegetables, except potatoes (Irish potatoes), and dried vegetables	12.0	–	18.0	–	26.3	.3	44.2
033	Fresh, chilled, or dried edible fruit and nuts	12.5	.1	10.7	–	14.2	.3	25.4
034	Soya beans	S	S	S	S	41.6	–	S
035	Oil seeds and nuts, except olives and soya beans	47.5	–	39.0	–	42.6	–	19.3
036	Bulbs, live plants, and seeds for sowing, n.e.c.	17.8	–	17.8	–	19.0	–	16.9
039	Fresh-cut flowers, plants, and parts of plants, and other agricultural products, except forage products and cereal straw or husks	22.2	–	19.3	–	25.9	.1	43.4
041	Cereal straw or husks, forage products, residues and waste from the food industries used in animal feeding, and eggs and other products of animal origin, n.e.c.	12.5	–	18.7	.1	14.5	–	30.7
042	Animal feed preparations	15.8	–	16.0	.2	17.3	.1	30.6
051	Meat including poultry, except preparations	7.2	.1	16.3	–	12.7	–	36.5
052	Fish, except live, and seafood, except preparations	19.4	.2	18.1	–	27.8	.1	29.4
053	Preparations, extracts, and juices of meat, fish, or seafood	28.8	–	32.6	–	37.7	–	48.8
061	Wheat flour, groats, and meal	38.8	–	45.0	.1	33.2	–	26.4
062	Malt, starches, inulin, wheat gluten, and milled or otherwise worked grains, except wheat flour, groats, and meal	22.5	–	29.2	–	30.6	.1	S
063	Food preparations of cereals, flour, starch, or milk	15.3	–	18.8	–	22.3	–	25.9
064	Bakery products	14.8	.1	22.4	–	15.4	–	S
071	Dairy products, except chocolate milk, eggnog, and food preparations of milk	7.0	.1	14.5	.2	12.7	–	24.5
072	Processed or prepared vegetables, fruit, or nuts, except dried or milled, and juices	8.5	.1	8.8	–	9.7	.2	11.0
073	Coffee, tea, and spices, except unprocessed coffee and unfermented tea	18.8	–	18.5	–	21.8	–	22.9
074	Animal or vegetable fats and oils and their cleavage products, prepared edible fats, animal or vegetable waxes, and flours and meals	24.6	–	28.0	–	32.2	–	24.0
075	Cane, beet, and other sugars in solid form, sugar syrups not containing added flavoring or coloring matter, and molasses	13.0	–	13.3	–	17.4	–	15.1
076	Confectionery, cocoa, and cocoa preparations	11.0	–	13.0	–	21.5	–	28.9
077	Edible preparations, n.e.c. and vinegar	16.0	–	9.8	–	15.4	–	13.4
078	Nonalcoholic beverages, n.e.c. and ice	9.6	–	23.1	.3	27.4	.1	S
081	Malt Beer	9.4	–	14.0	.1	33.9	.4	9.2
082	Wine and other fermented beverages	16.8	.1	20.9	–	35.9	.2	16.8
083	Spirituous beverages and ethyl alcohol	15.0	–	25.3	–	S	S	21.2
090	Tobacco products	15.7	–	27.0	–	31.3	–	16.9
100	Monumental or building stone, except dolomite	47.2	–	39.0	–	41.8	–	S
110	Natural sands, except metal-bearing	15.7	–	18.0	.4	16.3	–	25.3
120	Gravel and crushed stone, except dolomite and slate	10.5	–	11.6	1.3	12.9	.3	15.8
131	Salt	S	S	S	S	S	S	20.8
132	Natural calcium phosphates, natural aluminum-calcium phosphates, and phosphatic chalk	S	S	S	S	S	S	S
133	Dolomite	46.8	–	45.7	–	49.7	–	24.2
139	Other nonmetallic minerals	16.5	–	13.6	–	18.9	.2	20.3
141	Iron ores and concentrates	45.8	–	S	S	S	S	37.0
149	Other metallic ores and concentrates	12.2	–	29.7	.1	18.7	–	23.0
151	Nonagglomerated bituminous coal	5.4	–	10.1	1.7	15.3	3.8	S
159	Other coal	S	S	S	S	S	S	22.8
171	Gasoline	9.6	.3	9.8	.7	26.4	.7	22.7
172	Aviation turbine fuel (types A and B)	13.7	–	13.8	.2	29.1	–	28.9
180	Fuel oils	7.9	.1	10.7	.4	20.9	.3	17.1
191	Lubricating oils and greases	27.4	–	47.0	.1	S	S	49.4
192	Refined petroleum oils and oils obtained from bituminous minerals, n.e.c.	36.6	–	43.6	.1	35.4	–	25.8
193	Gaseous hydrocarbons	12.2	–	11.5	–	18.8	–	S
199	Other products of petroleum refining, and coal products	14.6	–	18.2	.7	49.4	1.2	21.2
201	Sodium hydroxide (caustic soda) and potassium hydroxide (caustic potash)	20.3	–	30.4	–	49.0	–	20.5
202	Inorganic chemicals, n.e.c.	12.3	–	19.9	.4	20.1	.5	25.8
203	Cyclic hydrocarbons	37.6	–	36.9	–	S	S	S
204	Phenols, phenol-alcohols, aldehydes, cyclic polymers of aldehydes, paraformaldehyde, ketones, quinones, organic acids, and acyclic alcohols	17.2	–	13.0	–	28.8	–	18.2
205	Organic chemicals, n.e.c.	18.1	–	14.3	–	21.6	–	11.2
210	Pharmaceutical products	8.1	.2	14.9	–	18.4	–	10.2
220	Fertilizers and fertilizer materials	8.5	–	23.1	.3	26.5	.3	8.2
231	Paints and varnishes, tanning or dyeing extracts, tannins and their derivatives, dyes, putty and other mastics, inks, and coloring matter, except pigments and synthetic organic dyes, lakes, and toners	16.8	–	16.3	–	17.8	–	27.4
232	Essential oils and resinoids, and perfumery, cosmetic, or toilet preparations	16.3	.1	13.7	–	14.8	–	24.9
233	Soap, organic surface-active agents, cleaning preparations, polishes and creams, and scouring preparations	27.5	–	28.1	–	31.8	.1	16.4
234	Photographic film, plates, paper, paperboard, or textiles, and chemical preparations for photographic use	20.2	.1	22.3	–	29.8	–	14.8
235	Insecticides, rodenticides, fungicides, herbicides, antisprouting products, plant-growth regulators, disinfectants, and similar products, in packages for retail sale or as preparations or articles	13.9	–	12.4	–	33.2	–	12.1
239	Other chemical products and preparations	32.7	.1	22.7	–	34.7	.2	18.9
241	Plastics in primary forms, rubber in primary forms or sheets, and unvulcanized compounded rubber	13.6	–	22.2	–	29.3	–	22.7
242	Manmade fibers and plastics basic shapes and articles	5.6	.1	7.3	–	10.8	–	12.0

See footnotes at end of table.

Table B–6. **Measures of Reliability for Shipment Characteristics by Three-Digit Commodity for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code	Commodity description	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
		Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
	All commodities—Con.							
243	Rubber articles	16.1	–	22.1	–	17.2	–	13.4
250	Logs and other wood in the rough	8.7	–	20.0	.7	15.4	.3	15.4
261	Wood chips or particles	43.6	–	36.0	.4	31.8	.2	S
262	Lumber, wood continuously shaped along any of its edges or faces, and shingles and shakes	6.2	.1	7.8	.2	5.8	.2	7.0
263	Veneer sheets and sheets for plywood, particle board, fiberboard, plywood, veneered panels, and similar boards of ligneous material or laminated wood	8.1	–	10.5	.1	10.9	.2	9.1
264	Builders' joinery and carpentry of wood, except shingles and shakes	12.0	–	15.9	–	16.3	–	17.5
269	Other wood products	13.5	–	26.9	–	26.0	–	13.1
271	Pulp of fibrous cellulosic materials	16.9	–	14.4	–	22.2	–	19.1
272	Newsprint in large rolls or sheets	24.1	–	25.6	–	26.2	.1	30.9
273	Uncoated paper and paperboard in large rolls or sheets	10.1	–	10.9	–	13.6	.2	10.6
274	Coated, impregnated, treated, or worked paper and paperboard, in large rolls or sheets	14.3	–	17.0	–	18.7	–	26.8
280	Paper or paperboard articles	5.2	–	23.5	.2	10.8	–	14.2
291	Printed books, brochures, leaflets, and similar printed products	9.7	–	12.6	–	12.8	–	7.2
292	Newspapers, journals, and periodicals	6.9	–	11.1	–	33.7	–	19.3
293	Advertising material, commercial or trade catalogues, and similar printed products	11.8	–	17.1	–	38.2	–	8.9
299	Other printed products	8.2	–	9.5	–	12.1	–	12.5
301	Textile fibers, yarns, and broadwoven or knitted fabrics, except coated or treated	11.6	–	17.2	–	16.9	–	10.4
302	Textile clothing and accessories, and headgear, except safety	16.5	.5	12.3	–	16.8	–	3.7
303	Textiles and textile articles, n.e.c.	7.8	–	19.8	–	16.0	–	7.7
304	Footwear	39.6	.1	42.5	–	S	S	6.7
305	Leather and articles, luggage of related materials, and dressed furskins and articles	18.5	–	32.1	–	38.1	–	7.1
311	Hydraulic cements	11.0	–	12.2	.2	14.5	.1	7.7
312	Ceramic products	15.4	–	25.6	–	31.1	–	13.4
313	Glass and glass products	11.9	–	19.2	–	15.8	–	19.7
319	Other nonmetallic mineral products	8.9	–	9.2	.5	11.2	.2	17.3
321	Iron and steel in primary forms, in semifinished forms, or in powders or granules, and ferroalloys	17.8	–	20.0	–	19.3	–	31.9
322	Flat-rolled products of iron or steel	17.2	.1	22.8	.1	17.1	–	17.4
323	Bars, rods, angles, shapes, sections, and wire, of iron or steel	22.4	.2	12.0	–	26.1	.2	17.7
324	Nonferrous metal, except precious, in unwrought forms, in finished basic shapes, or in powders or granules	8.6	.1	9.2	–	12.3	.1	12.7
331	Pipes, tubes, and fittings	8.7	–	11.9	–	20.2	–	11.0
332	Structures and parts, except prefabricated buildings	15.9	–	15.3	–	26.1	.1	13.6
333	Handtools, cutlery, except of precious metals, interchangeable tools for hand- or machine-tools, hardware, and industrial fasteners	11.8	–	11.8	–	19.5	–	12.8
339	Other articles of metal	12.3	–	19.5	–	22.7	–	14.0
341	Internal-combustion piston engines	11.2	–	21.2	–	21.9	–	14.8
342	Turbines, boilers, nuclear reactors, and nonelectric engines and motors, except internal-combustion piston engines	42.4	.1	13.2	–	30.3	–	15.2
343	Pumps, compressors, and fans, and ventilating or recycling hoods incorporating a fan	12.1	–	14.3	–	18.1	–	12.5
344	Air-conditioning, refrigerating, or freezing equipment	15.7	–	14.2	–	22.6	–	30.5
345	Materials-handling, excavating, boring, and related machinery and equipment	14.2	–	13.1	–	18.1	–	18.1
349	Other machinery	7.6	.2	25.8	–	39.1	.1	12.1
351	Electric motors, generators, generating sets, rotary converters, transformers, static converters, and inductors	20.3	–	17.9	–	26.5	–	17.8
352	Electric cooking appliances and other electrothermic or electromechanical domestic appliances	25.5	–	24.6	–	23.6	–	17.8
353	Line telephone or telegraph apparatus	46.7	.7	45.0	–	47.1	–	9.3
354	Electronic entertainment products, except parts	33.5	.5	49.0	–	S	S	4.9
355	Computer and office equipment	12.6	.8	13.7	–	12.5	–	4.9
356	Prepared unrecorded or prerecorded media	13.6	.1	21.4	–	30.6	–	5.1
357	Transmission apparatus for radio or television broadcasting, radio transmission and reception apparatus, radar apparatus, radio navigational-aid apparatus, and radio remote-control apparatus, except radio broadcast receivers and parts	18.5	–	27.4	–	29.8	–	11.7
358	Electronic components and parts	7.5	.4	13.0	–	20.5	–	6.3
359	Other electronic and electrical equipment	7.7	.3	16.9	–	19.3	–	12.1
361	Motor vehicles for the transport of less than 10 people, except motorcycles, armored fighting vehicles, snowmobiles, golf carts and similar vehicles, and parts	39.9	.2	36.5	–	42.4	–	20.3
362	Motor vehicles for the transport of goods and road tractors for semitrailers, except parts	29.4	.1	38.0	–	29.9	–	S
363	Other vehicles	20.4	.1	15.3	–	28.2	–	11.6
364	Parts and accessories for motor vehicles, except motorcycles and armored fighting vehicles	10.6	.2	15.7	–	22.7	–	10.9
371	Locomotives and rolling stock, railway track fixtures and fittings, mechanical or electromechanical traffic-signalling equipment, and intermodal containers	36.5	–	41.1	–	S	S	16.5
372	Aircraft and spacecraft	23.1	1.0	14.3	–	17.3	–	10.7
373	Ships, boats, and floating structures	15.1	–	19.1	–	18.6	–	15.8
381	Optical elements, instruments, and apparatus, except photographic and photocopying equipment and optical instruments and apparatus for measuring or checking	25.6	–	19.4	–	26.5	–	8.2
382	Photographic and photocopying machines	24.3	.1	32.7	–	31.4	–	11.2
383	Surveying, hydrographic, oceanographic, hydrological, geophysical, drawing, or length-measuring instruments and appliances, and navigational and meteorological instruments and appliances, except radar and other radio-type apparatus	21.2	–	28.5	–	28.9	–	11.0
384	Instruments, apparatus, and appliances for medical, surgical, dental, or veterinary sciences, or for similar purposes	17.9	.2	22.2	–	25.1	–	6.0

See footnotes at end of table.

Table B–6. **Measures of Reliability for Shipment Characteristics by Three-Digit Commodity for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code	Commodity description	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
		Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
	All commodities—Con.							
385	Meters and other instruments and apparatus for measuring, checking, testing, or controlling	12.9	.2	17.4	–	25.3	–	7.2
390	Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	11.9	.1	11.8	–	14.3	–	11.1
401	Arms and ammunition	21.2	–	30.5	–	32.1	–	12.8
402	Toys, games, and sporting equipment	S	S	S	S	29.9	–	4.7
409	Miscellaneous manufactured products	8.9	.4	19.4	.1	43.2	.3	6.3
411	Metallic waste and scrap	14.4	–	24.9	.3	33.3	.2	23.3
412	Nonmetallic waste and scrap, except from food processing	25.8	–	20.6	.2	25.4	.3	42.8
439	Mixed freight	26.0	.9	32.3	.4	32.3	.2	16.7
—	Commodity unknown	18.5	.1	34.0	.1	24.7	–	15.2

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons.

Note: For description of development and uses of measures of reliability, see Appendix B, Reliability of the Estimates.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
ALL COMMODITIES							
Total	**3.1**	**–**	**3.8**	**–**	**7.7**	**–**	**6.2**
Single modes	**4.0**	**.8**	**4.0**	**1.0**	**8.4**	**1.8**	**9.7**
Truck	3.8	1.0	4.7	1.5	2.1	2.5	12.2
For-hire truck	4.3	.8	6.3	1.4	2.5	1.6	6.2
Private truck	4.5	.9	5.7	1.4	5.5	.9	7.5
Rail	5.7	.2	9.8	1.8	12.9	3.4	3.1
Water	19.5	.2	17.0	.5	20.8	.7	20.9
Shallow draft	18.6	–	17.7	.2	30.7	.2	12.1
Great Lakes	–	–	–	–	–	–	–
Deep draft	29.5	.2	29.9	.5	26.2	.7	19.8
Air (includes truck and air)	16.2	1.0	14.2	–	14.0	–	2.0
Pipeline	10.7	.2	10.2	.5	S	S	S
Multiple modes	**2.8**	**.6**	**20.7**	**.6**	**20.0**	**1.8**	**5.4**
Parcel, U.S. Postal Service or courier	3.2	.6	4.5	–	6.0	–	5.4
Truck and rail	21.9	.1	S	S	46.7	1.1	5.2
Truck and water	15.4	–	19.0	–	15.5	.2	10.2
Rail and water	23.8	–	29.3	.4	28.3	1.6	12.2
Other multiple modes	S	S	S	S	29.6	–	S
Other and unknown modes	**4.9**	**.3**	**13.5**	**.7**	**16.7**	**.6**	**12.7**
SCTG 01, LIVE ANIMALS AND LIVE FISH							
Total	**S**	**S**	**S**	**S**	**S**	**S**	**17.0**
Single modes	**S**	**S**	**44.4**	**13.3**	**S**	**S**	**17.3**
Truck	42.8	8.0	49.9	12.0	S	S	S
For-hire truck	S	S	S	S	S	S	21.9
Private truck	S	S	S	S	48.1	12.9	S
Rail	–	–	–	–	–	–	–
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	18.2
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**22.4**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	22.4
Truck and rail	–	–	–	–	–	–	–
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**22.4**
SCTG 02, CEREAL GRAINS							
Total	**13.4**	**–**	**14.8**	**–**	**12.4**	**–**	**16.1**
Single modes	**12.7**	**6.0**	**13.2**	**6.3**	**14.2**	**3.5**	**11.7**
Truck	13.7	4.5	15.2	4.4	19.7	3.5	10.7
For-hire truck	17.1	3.0	16.5	3.1	21.3	3.3	23.8
Private truck	18.1	2.2	24.2	2.3	S	S	17.4
Rail	19.0	2.1	19.2	2.3	20.9	5.9	13.7
Water	22.3	6.1	22.4	6.2	41.1	6.3	14.5
Shallow draft	28.2	5.5	28.7	5.7	41.3	6.3	13.8
Great Lakes	–	–	–	–	–	–	–
Deep draft	44.3	4.1	46.7	4.3	41.1	–	29.8
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**45.0**	**1.7**	**49.9**	**1.6**	**39.1**	**3.2**	**19.9**
Parcel, U.S. Postal Service or courier	S	S	49.9	–	S	S	18.2
Truck and rail	44.4	.6	S	S	47.3	2.2	20.7
Truck and water	S	S	S	S	S	S	39.7
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**29.2**	**6.6**	**30.0**	**6.8**	**39.5**	**2.6**	**S**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 03, OTHER AGRICULTURAL PRODUCTS							
Total	**7.9**	**–**	**9.9**	**–**	**12.3**	**–**	**30.2**
Single modes	**8.6**	**1.2**	**10.5**	**2.3**	**10.9**	**2.3**	**37.2**
Truck	8.5	1.6	10.5	2.8	12.0	2.6	35.2
For-hire truck	11.4	4.1	15.3	4.4	16.4	4.1	8.5
Private truck	14.3	4.0	16.2	4.1	27.0	4.7	34.8
Rail	19.8	.4	24.1	.6	23.2	1.9	5.2
Water	S	S	S	S	S	S	34.1
Shallow draft	S	S	S	S	S	S	22.4
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	33.7
Air (includes truck and air)	29.7	.3	49.4	.2	S	S	12.1
Pipeline	–	–	–	–	S	S	S
Multiple modes	**16.2**	**.5**	**19.2**	**.4**	**21.5**	**1.9**	**6.1**
Parcel, U.S. Postal Service or courier	30.4	.3	42.8	–	S	S	7.5
Truck and rail	27.7	.5	23.5	.4	26.4	1.8	8.4
Truck and water	33.6	.2	38.9	.1	37.9	.5	18.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**16.2**	**1.1**	**25.3**	**2.3**	**35.5**	**2.2**	**16.8**
SCTG 04, ANIMAL FEED AND PRODUCTS OF ANIMAL ORIGIN, N.E.C.							
Total	**12.2**	**–**	**11.8**	**–**	**12.3**	**–**	**29.3**
Single modes	**11.5**	**2.2**	**12.2**	**1.6**	**14.3**	**4.1**	**29.5**
Truck	12.0	2.4	12.8	2.3	16.3	5.3	29.9
For-hire truck	14.3	4.2	17.3	4.3	19.9	5.1	13.5
Private truck	18.3	4.6	17.3	4.7	18.5	3.0	15.3
Rail	29.2	1.0	25.9	1.5	23.1	2.8	18.0
Water	S	S	S	S	S	S	39.0
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	39.0
Air (includes truck and air)	S	S	S	S	S	S	21.0
Pipeline	48.2	–	42.5	–	S	S	S
Multiple modes	**43.6**	**1.3**	**35.6**	**.5**	**37.4**	**2.7**	**13.0**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	15.8
Truck and rail	34.4	.9	39.0	.3	40.6	1.0	17.9
Truck and water	S	S	S	S	S	S	19.2
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	21.8
Other and unknown modes	**S**	**S**	**28.4**	**1.6**	**35.6**	**3.8**	**S**
SCTG 05, MEAT, FISH, SEAFOOD, AND THEIR PREPARATIONS							
Total	**8.6**	**–**	**14.5**	**–**	**14.3**	**–**	**28.7**
Single modes	**8.8**	**.9**	**14.7**	**.6**	**13.9**	**2.2**	**24.5**
Truck	9.0	1.4	13.8	1.1	12.1	4.0	11.1
For-hire truck	13.0	3.4	11.8	3.7	13.8	4.6	11.3
Private truck	11.2	3.8	19.9	3.7	13.4	3.5	7.5
Rail	S	S	S	S	S	S	21.0
Water	31.1	.6	45.3	.6	S	S	15.8
Shallow draft	S	S	46.7	.3	S	S	23.4
Great Lakes	–	–	–	–	–	–	–
Deep draft	37.4	.6	S	S	S	S	13.5
Air (includes truck and air)	21.1	.2	25.4	.1	44.0	.5	14.3
Pipeline	–	–	–	–	S	S	S
Multiple modes	**25.8**	**.4**	**33.2**	**.3**	**48.1**	**1.3**	**15.1**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	18.1
Truck and rail	S	S	S	S	S	S	21.9
Truck and water	29.0	.2	39.1	.3	S	S	21.6
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**26.2**	**.9**	**27.0**	**.6**	**S**	**S**	**S**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 06, MILLED GRAIN PRODUCTS AND PREPARATIONS, AND BAKERY PRODUCTS							
Total	**10.5**	**–**	**16.4**	**–**	**16.7**	**–**	**39.7**
Single modes	**10.7**	**.6**	**16.7**	**.7**	**17.1**	**2.1**	**36.7**
Truck	10.8	.8	16.5	1.3	13.7	4.0	37.5
For-hire truck	18.1	4.0	27.6	4.3	14.9	4.6	36.8
Private truck	14.7	4.4	17.6	4.8	21.7	3.4	27.9
Rail	32.6	.6	37.3	1.1	37.3	4.0	11.9
Water	43.5	.1	S	S	46.7	.4	20.0
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	43.5	.1	S	S	46.7	.4	20.0
Air (includes truck and air)	42.1	–	49.1	–	S	S	27.0
Pipeline	S	S	S	S	S	S	S
Multiple modes	**19.8**	**.3**	**20.1**	**.4**	**25.6**	**2.2**	**16.3**
Parcel, U.S. Postal Service or courier	43.1	.1	42.4	–	48.8	.1	15.4
Truck and rail	28.9	.3	24.4	.3	33.4	1.2	14.3
Truck and water	21.7	–	28.4	.2	31.4	1.2	28.7
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**29.5**	**.6**	**25.7**	**.5**	**29.0**	**.4**	**S**
SCTG 07, OTHER PREPARED FOODSTUFFS AND FATS AND OILS							
Total	**3.9**	**–**	**9.4**	**–**	**5.4**	**–**	**25.3**
Single modes	**4.3**	**1.4**	**9.6**	**.6**	**5.5**	**1.9**	**31.0**
Truck	4.8	1.6	10.4	1.5	7.1	2.8	33.4
For-hire truck	6.0	1.7	12.4	2.9	9.8	3.1	9.4
Private truck	6.1	2.2	14.5	3.3	12.3	2.0	16.5
Rail	10.5	.7	11.1	.9	10.8	2.7	3.3
Water	S	S	S	S	S	S	S
Shallow draft	S	S	S	S	S	S	29.1
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	S
Air (includes truck and air)	33.8	–	25.4	–	31.2	–	12.3
Pipeline	–	–	–	–	S	S	S
Multiple modes	**39.6**	**1.3**	**18.6**	**.4**	**22.5**	**1.9**	**8.8**
Parcel, U.S. Postal Service or courier	23.7	.2	24.0	–	23.8	–	13.3
Truck and rail	S	S	20.7	.2	21.0	1.1	9.9
Truck and water	16.2	.1	24.2	.2	29.4	.8	23.9
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	21.5
Other and unknown modes	**23.0**	**.5**	**25.8**	**.5**	**23.0**	**.4**	**S**
SCTG 08, ALCOHOLIC BEVERAGES							
Total	**8.8**	**–**	**11.4**	**–**	**24.4**	**–**	**22.8**
Single modes	**8.4**	**1.1**	**11.5**	**1.0**	**26.8**	**3.4**	**26.1**
Truck	8.7	2.5	9.2	4.9	17.6	8.5	6.4
For-hire truck	13.3	2.1	15.9	2.3	18.4	5.6	19.1
Private truck	7.6	3.1	7.4	5.4	24.5	4.8	7.9
Rail	24.7	1.9	34.8	4.8	36.9	8.5	13.8
Water	S	S	S	S	S	S	21.2
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	21.2
Air (includes truck and air)	S	S	S	S	S	S	17.1
Pipeline	–	–	–	–	S	S	S
Multiple modes	**30.1**	**1.1**	**30.4**	**1.0**	**34.7**	**3.2**	**22.0**
Parcel, U.S. Postal Service or courier	S	S	49.4	–	S	S	19.7
Truck and rail	39.3	1.0	37.2	.9	39.4	3.2	11.1
Truck and water	35.4	.3	40.0	.3	S	S	27.8
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**29.7**	**.3**	**36.9**	**.4**	**S**	**S**	**28.2**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 09, TOBACCO PRODUCTS							
Total	**15.7**	**–**	**27.0**	**–**	**31.3**	**–**	**16.9**
Single modes	**15.4**	**3.8**	**28.2**	**3.2**	**29.9**	**6.0**	**23.6**
Truck	15.2	3.9	28.2	3.2	30.4	6.5	22.9
For-hire truck	47.3	2.0	39.8	1.6	46.5	3.5	21.2
Private truck	16.2	4.5	28.8	3.5	32.0	7.3	8.1
Rail	–	–	–	–	–	–	–
Water	S	S	S	S	S	S	22.4
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	22.4
Air (includes truck and air)	S	S	S	S	S	S	23.4
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**15.5**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	15.5
Truck and rail	–	–	–	–	–	–	–
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**44.5**	**2.1**	**S**	**S**	**S**	**S**	**21.6**
SCTG 10, MONUMENTAL OR BUILDING STONE							
Total	**47.2**	**–**	**39.0**	**–**	**41.8**	**–**	**S**
Single modes	**48.7**	**7.0**	**39.4**	**3.2**	**42.6**	**6.9**	**33.3**
Truck	48.8	6.7	39.4	3.5	44.4	8.1	33.4
For-hire truck	41.6	9.7	40.9	10.1	32.9	10.4	S
Private truck	S	S	S	S	S	S	35.7
Rail	S	S	S	S	S	S	26.0
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**48.7**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	44.0
Truck and rail	–	–	–	–	–	–	–
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**23.0**
SCTG 11, NATURAL SANDS							
Total	**15.7**	**–**	**18.0**	**–**	**16.3**	**–**	**25.3**
Single modes	**16.0**	**.9**	**18.3**	**.9**	**17.1**	**1.7**	**26.0**
Truck	16.7	1.8	19.3	3.2	19.1	3.8	27.0
For-hire truck	28.8	5.6	18.3	5.1	14.4	4.3	S
Private truck	23.8	5.5	12.3	5.2	25.0	4.9	49.9
Rail	27.6	1.2	28.1	.5	25.1	2.7	22.1
Water	S	S	S	S	S	S	19.7
Shallow draft	S	S	S	S	S	S	19.7
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	21.2
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**23.7**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	22.2
Truck and rail	S	S	S	S	S	S	22.4
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**39.3**	**.9**	**S**	**S**	**49.8**	**1.8**	**38.9**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 12, GRAVEL AND CRUSHED STONE							
Total	**10.5**	**–**	**11.6**	**–**	**12.9**	**–**	**15.8**
Single modes	**10.9**	**1.1**	**12.0**	**1.2**	**13.2**	**1.1**	**15.6**
Truck	11.1	1.3	12.3	1.5	14.5	4.1	15.6
For-hire truck	22.4	4.5	26.7	4.8	22.7	4.8	13.2
Private truck	18.1	4.7	17.0	4.8	22.4	5.4	31.2
Rail	S	S	48.5	.7	S	S	20.8
Water	S	S	S	S	S	S	21.1
Shallow draft	S	S	S	S	S	S	21.2
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	22.4
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**S**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	22.4
Truck and rail	S	S	S	S	S	S	22.4
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**40.2**	**1.0**	**48.4**	**1.1**	**S**	**S**	**16.0**
SCTG 13, NONMETALLIC MINERALS N.E.C.							
Total	**32.4**	**–**	**18.7**	**–**	**23.8**	**–**	**17.9**
Single modes	**33.4**	**1.8**	**18.6**	**1.6**	**20.9**	**2.5**	**17.4**
Truck	41.8	5.0	21.3	4.8	32.3	3.5	19.9
For-hire truck	24.7	4.9	26.8	3.5	37.3	2.7	10.8
Private truck	S	S	37.0	5.4	27.1	1.7	15.8
Rail	26.4	5.3	33.9	4.9	22.6	4.5	4.8
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	22.9
Pipeline	–	–	–	–	S	S	S
Multiple modes	**29.2**	**1.1**	**22.0**	**.3**	**28.9**	**1.4**	**34.1**
Parcel, U.S. Postal Service or courier	45.1	.6	S	S	S	S	23.8
Truck and rail	36.8	1.1	24.3	.3	31.4	1.4	14.2
Truck and water	S	S	S	S	S	S	20.8
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**35.5**	**1.1**	**S**	**S**	**S**	**S**	**36.2**
SCTG 14, METALLIC ORES AND CONCENTRATES							
Total	**12.2**	**–**	**29.4**	**–**	**18.6**	**–**	**25.4**
Single modes	**13.4**	**3.6**	**31.6**	**4.6**	**24.7**	**6.3**	**24.0**
Truck	19.7	5.6	14.2	6.4	16.3	6.1	41.0
For-hire truck	18.8	4.7	16.5	5.0	18.6	6.2	20.7
Private truck	S	S	39.4	2.9	38.8	1.2	21.2
Rail	28.3	5.9	39.8	9.3	34.1	7.7	S
Water	S	S	S	S	S	S	22.4
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	22.4
Air (includes truck and air)	49.1	.6	S	S	S	S	20.6
Pipeline	46.1	2.7	46.0	4.0	S	S	S
Multiple modes	**S**	**S**	**26.3**	**1.3**	**22.1**	**5.1**	**42.8**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	43.0
Truck and rail	35.4	1.0	26.3	1.3	22.2	5.1	14.3
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**45.9**	**2.7**	**S**	**S**	**S**	**S**	**46.5**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 15, COAL							
Total	**5.4**	**–**	**10.1**	**–**	**15.3**	**–**	**S**
Single modes	**6.6**	**3.9**	**10.8**	**3.7**	**16.7**	**3.8**	**S**
Truck	28.6	2.8	29.7	2.2	34.5	.2	16.8
For-hire truck	31.4	1.8	31.2	1.6	27.9	.2	28.4
Private truck	S	S	S	S	S	S	19.6
Rail	9.3	5.2	12.9	4.5	16.9	3.9	10.0
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	46.0	1.4	45.9	1.0	S	S	S
Multiple modes	**29.1**	**1.1**	**29.5**	**2.0**	**28.5**	**3.8**	**15.9**
Parcel, U.S. Postal Service or courier	–	–	–	–	–	–	–
Truck and rail	S	S	S	S	S	S	22.4
Truck and water	–	–	–	–	–	–	–
Rail and water	29.2	1.1	29.5	2.0	28.5	3.8	15.6
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**27.9**	**3.2**	**30.1**	**2.1**	**S**	**S**	**S**
SCTG 17, GASOLINE AND AVIATION TURBINE FUEL							
Total	**9.3**	**–**	**9.2**	**–**	**25.0**	**–**	**19.9**
Single modes	**9.4**	**.1**	**9.2**	**.1**	**25.1**	**.2**	**21.6**
Truck	10.0	3.5	8.5	3.9	22.9	6.2	22.2
For-hire truck	15.5	2.4	15.3	2.7	30.9	5.0	24.2
Private truck	10.3	3.2	9.4	3.3	33.5	5.3	27.6
Rail	44.9	.5	40.5	.5	37.9	2.8	17.7
Water	S	S	S	S	44.9	7.0	30.9
Shallow draft	S	S	S	S	S	S	22.4
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	47.5	7.0	24.9
Air (includes truck and air)	S	S	S	S	S	S	21.8
Pipeline	13.4	2.4	12.8	2.8	S	S	S
Multiple modes	**42.0**	**–**	**45.4**	**–**	**S**	**S**	**S**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	22.4
Truck and rail	S	S	S	S	S	S	21.8
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	49.2	–	S	S	S	S	S
Other and unknown modes	**40.6**	**.1**	**40.8**	**.1**	**48.7**	**.1**	**S**
SCTG 18, FUEL OILS							
Total	**7.9**	**–**	**10.7**	**–**	**20.9**	**–**	**17.1**
Single modes	**8.4**	**1.6**	**10.4**	**.7**	**21.3**	**1.5**	**16.0**
Truck	10.0	4.3	10.6	4.6	16.6	6.9	15.0
For-hire truck	22.5	3.3	19.7	3.1	26.4	3.9	20.2
Private truck	8.5	3.5	8.3	3.5	9.9	5.0	9.0
Rail	19.2	.7	17.7	1.0	30.2	5.3	20.2
Water	28.1	1.3	29.2	1.7	49.1	5.5	29.6
Shallow draft	34.2	.8	40.3	1.0	35.3	.9	19.8
Great Lakes	–	–	–	–	–	–	–
Deep draft	42.0	1.1	41.9	1.5	S	S	25.4
Air (includes truck and air)	S	S	S	S	S	S	22.4
Pipeline	18.3	3.5	19.4	3.8	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**S**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	22.6
Truck and rail	S	S	S	S	S	S	22.1
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	34.2
Other and unknown modes	**37.1**	**1.6**	**45.6**	**.6**	**S**	**S**	**S**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 19, COAL AND PETROLEUM PRODUCTS, N.E.C.							
Total	**10.8**	**–**	**14.2**	**–**	**43.0**	**–**	**25.4**
Single modes	**8.9**	**3.3**	**13.9**	**4.5**	**30.6**	**9.5**	**14.3**
Truck	7.9	3.9	14.8	5.7	10.5	7.9	15.0
For-hire truck	11.8	3.7	16.9	5.2	12.9	6.8	15.0
Private truck	10.1	3.1	11.8	3.2	15.5	1.6	11.4
Rail	17.5	1.3	40.5	3.5	49.9	6.2	11.0
Water	S	S	S	S	S	S	S
Shallow draft	S	S	S	S	S	S	22.4
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	S
Air (includes truck and air)	S	S	S	S	S	S	20.7
Pipeline	29.8	2.0	38.1	2.1	S	S	S
Multiple modes	**43.3**	**1.9**	**S**	**S**	**S**	**S**	**S**
Parcel, U.S. Postal Service or courier	37.5	.3	40.3	–	37.0	–	S
Truck and rail	S	S	S	S	S	S	38.8
Truck and water	38.9	.8	39.8	.2	37.8	.3	S
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**18.1**
SCTG 20, BASIC CHEMICALS							
Total	**8.4**	**–**	**18.1**	**–**	**18.9**	**–**	**14.0**
Single modes	**10.6**	**3.6**	**18.0**	**.7**	**18.9**	**1.3**	**26.3**
Truck	12.0	2.8	19.5	3.5	17.4	2.5	28.6
For-hire truck	16.4	3.4	24.3	2.8	21.1	2.2	12.0
Private truck	16.0	2.9	32.8	4.8	29.9	1.4	21.4
Rail	14.7	2.4	22.0	3.6	20.2	3.6	6.8
Water	S	S	S	S	S	S	21.5
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	21.5
Air (includes truck and air)	S	S	39.5	–	35.4	–	12.4
Pipeline	36.1	.2	41.3	.6	S	S	S
Multiple modes	**19.7**	**3.4**	**38.6**	**.3**	**33.9**	**1.3**	**9.5**
Parcel, U.S. Postal Service or courier	22.8	3.4	39.9	.2	37.0	.3	9.6
Truck and rail	S	S	48.0	.3	40.6	1.2	16.4
Truck and water	S	S	44.3	–	S	S	S
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**29.1**	**.7**	**S**	**S**	**S**	**S**	**41.6**
SCTG 21, PHARMACEUTICAL PRODUCTS							
Total	**8.1**	**–**	**14.9**	**–**	**18.4**	**–**	**10.2**
Single modes	**11.2**	**3.5**	**18.4**	**3.9**	**23.6**	**6.8**	**29.5**
Truck	11.9	2.9	18.8	3.9	21.0	6.3	20.9
For-hire truck	11.0	3.2	18.6	5.3	23.6	7.1	22.1
Private truck	19.5	3.5	31.7	5.2	47.0	1.5	13.2
Rail	S	S	S	S	S	S	21.3
Water	S	S	S	S	S	S	22.2
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	22.2
Air (includes truck and air)	25.5	1.7	40.7	.4	41.1	1.1	5.0
Pipeline	–	–	–	–	S	S	S
Multiple modes	**10.4**	**3.4**	**11.9**	**2.6**	**12.4**	**5.8**	**9.2**
Parcel, U.S. Postal Service or courier	10.7	3.4	12.7	2.7	13.6	5.8	9.2
Truck and rail	S	S	S	S	S	S	22.4
Truck and water	46.5	.5	36.7	.3	S	S	27.2
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**19.9**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 22, FERTILIZERS							
Total	**8.5**	**–**	**23.1**	**–**	**26.5**	**–**	**8.2**
Single modes	**8.1**	**2.0**	**24.4**	**2.8**	**26.8**	**.9**	**8.7**
Truck	8.5	3.2	25.8	3.8	15.1	4.2	9.4
For-hire truck	13.2	3.4	15.4	3.9	13.4	3.6	11.5
Private truck	13.0	4.2	34.6	4.5	29.2	2.7	12.6
Rail	22.0	2.1	24.3	1.6	31.0	4.0	4.0
Water	S	S	S	S	S	S	S
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	S
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**45.6**	**.2**	**48.8**	**.8**	**49.8**
Parcel, U.S. Postal Service or courier	32.9	–	35.6	–	35.8	–	S
Truck and rail	–	–	–	–	–	–	–
Truck and water	S	S	45.7	.2	48.8	.8	22.2
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**45.1**	**2.1**	**S**	**S**	**S**	**S**	**28.6**
SCTG 23, CHEMICAL PRODUCTS AND PREPARATIONS, N.E.C.							
Total	**6.5**	**–**	**11.6**	**–**	**15.4**	**–**	**10.4**
Single modes	**8.6**	**3.3**	**12.4**	**1.4**	**16.0**	**1.6**	**9.3**
Truck	8.6	3.3	13.0	2.7	17.3	4.7	9.9
For-hire truck	11.1	3.4	14.3	2.4	19.0	4.6	7.9
Private truck	9.4	2.1	12.9	2.4	14.6	1.2	9.7
Rail	30.9	.2	29.7	.8	34.0	4.1	14.5
Water	S	S	S	S	S	S	24.3
Shallow draft	S	S	S	S	S	S	22.4
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	24.2
Air (includes truck and air)	S	S	41.7	–	35.0	.2	5.7
Pipeline	46.3	–	46.2	.2	S	S	S
Multiple modes	**14.3**	**2.0**	**17.0**	**.8**	**17.3**	**1.5**	**14.9**
Parcel, U.S. Postal Service or courier	14.8	2.0	18.9	.6	17.0	.6	15.0
Truck and rail	36.7	.1	35.6	.4	35.2	1.1	16.7
Truck and water	39.2	.1	33.2	.1	36.8	.7	22.1
Rail and water	S	S	S	S	S	S	21.8
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**30.6**	**.9**	**38.3**	**.7**	**22.5**
SCTG 24, PLASTICS AND RUBBER							
Total	**4.4**	**–**	**7.6**	**–**	**9.2**	**–**	**10.2**
Single modes	**5.7**	**2.4**	**8.1**	**1.4**	**10.6**	**1.9**	**14.9**
Truck	5.8	2.4	8.1	1.5	11.5	2.4	15.6
For-hire truck	8.0	2.2	8.0	2.6	11.5	2.3	6.5
Private truck	7.1	2.1	11.5	2.6	16.0	1.2	14.2
Rail	28.8	.3	48.1	1.1	23.8	1.5	14.9
Water	45.4	–	33.0	–	S	S	20.3
Shallow draft	S	S	S	S	S	S	24.9
Great Lakes	–	–	–	–	–	–	–
Deep draft	46.1	–	34.6	–	S	S	21.8
Air (includes truck and air)	17.6	.2	32.4	–	39.3	.3	4.9
Pipeline	S	S	S	S	S	S	S
Multiple modes	**14.3**	**2.5**	**13.0**	**.6**	**14.7**	**1.7**	**5.3**
Parcel, U.S. Postal Service or courier	14.3	2.4	16.3	.5	19.3	1.3	5.3
Truck and rail	49.7	.2	28.3	.2	29.3	1.1	13.1
Truck and water	16.1	–	19.8	–	25.2	.3	16.2
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**12.4**	**.6**	**30.3**	**1.3**	**22.9**	**.6**	**27.1**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 25, LOGS AND OTHER WOOD IN THE ROUGH							
Total	**8.7**	**–**	**20.0**	**–**	**15.4**	**–**	**15.4**
Single modes	**8.0**	**3.1**	**21.0**	**2.5**	**10.5**	**5.2**	**16.4**
Truck	8.3	2.9	21.6	2.4	10.1	5.3	16.4
For-hire truck	16.2	5.5	18.7	6.0	20.1	5.8	7.1
Private truck	16.6	5.8	37.5	6.8	18.1	6.4	27.4
Rail	31.0	1.0	42.3	.9	40.8	2.6	S
Water	S	S	S	S	S	S	22.4
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	22.4
Air (includes truck and air)	S	S	S	S	S	S	22.4
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**35.6**	**1.0**	**32.5**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	30.6
Truck and rail	S	S	S	S	S	S	19.9
Truck and water	46.8	.1	S	S	S	S	20.0
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**S**
SCTG 26, WOOD PRODUCTS							
Total	**4.8**	**–**	**11.0**	**–**	**6.1**	**–**	**7.8**
Single modes	**4.8**	**.8**	**9.4**	**3.6**	**6.7**	**1.2**	**8.1**
Truck	5.1	.9	10.0	3.2	5.7	1.5	9.2
For-hire truck	6.1	1.5	8.9	2.6	5.8	1.6	7.6
Private truck	7.3	1.6	15.1	2.1	12.6	.8	6.5
Rail	6.0	.6	15.0	1.4	8.9	1.9	4.1
Water	S	S	S	S	S	S	19.2
Shallow draft	S	S	S	S	S	S	20.5
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	19.0
Air (includes truck and air)	33.9	–	43.3	–	S	S	19.6
Pipeline	–	–	–	–	S	S	S
Multiple modes	**14.0**	**.4**	**27.6**	**.5**	**16.3**	**1.0**	**8.1**
Parcel, U.S. Postal Service or courier	16.6	–	16.8	–	16.0	–	9.3
Truck and rail	17.4	.4	30.9	.5	18.4	1.1	8.0
Truck and water	21.9	–	23.5	–	27.6	.2	16.0
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**23.0**	**.8**	**S**	**S**	**30.1**	**.9**	**36.4**
SCTG 27, PULP, NEWSPRINT, PAPER, AND PAPERBOARD							
Total	**6.3**	**–**	**6.9**	**–**	**8.4**	**–**	**18.1**
Single modes	**6.1**	**2.0**	**7.6**	**1.4**	**10.1**	**3.0**	**9.0**
Truck	6.0	2.8	7.1	3.2	10.5	4.1	10.0
For-hire truck	10.8	2.8	11.0	3.1	11.4	4.1	11.8
Private truck	6.0	2.3	7.6	1.9	21.6	.8	9.9
Rail	16.6	2.0	15.0	2.9	14.3	4.3	8.2
Water	46.0	.4	43.8	.6	S	S	20.4
Shallow draft	S	S	S	S	49.1	–	21.9
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	19.8
Air (includes truck and air)	S	S	S	S	S	S	15.5
Pipeline	–	–	–	–	S	S	S
Multiple modes	**19.0**	**1.3**	**17.2**	**1.1**	**18.5**	**3.1**	**17.5**
Parcel, U.S. Postal Service or courier	46.1	.9	20.5	–	27.5	–	18.7
Truck and rail	28.3	.9	27.7	.8	31.9	2.7	15.3
Truck and water	34.7	.6	37.6	.8	35.5	2.0	17.0
Rail and water	S	S	S	S	S	S	21.9
Other multiple modes	S	S	S	S	S	S	21.3
Other and unknown modes	**S**	**S**	**21.2**	**.7**	**26.4**	**.6**	**S**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 28, PAPER OR PAPERBOARD ARTICLES							
Total	**5.2**	**–**	**23.5**	**–**	**10.8**	**–**	**14.2**
Single modes	**5.4**	**1.4**	**24.3**	**1.2**	**11.7**	**2.0**	**9.4**
Truck	5.9	1.6	25.2	1.5	9.0	4.9	9.3
For-hire truck	8.2	2.5	22.7	2.9	10.3	4.3	9.2
Private truck	9.1	2.6	30.1	3.1	14.6	1.5	9.0
Rail	46.2	.7	44.4	.9	36.8	3.4	15.6
Water	49.3	1.1	47.0	.9	S	S	20.1
Shallow draft	S	S	S	S	S	S	20.7
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	20.0
Air (includes truck and air)	41.2	–	S	S	S	S	12.5
Pipeline	–	–	–	–	S	S	S
Multiple modes	**24.4**	**1.1**	**22.3**	**.5**	**22.0**	**1.6**	**7.8**
Parcel, U.S. Postal Service or courier	32.0	1.1	27.5	.2	29.7	.5	7.8
Truck and rail	S	S	S	S	S	S	20.5
Truck and water	21.9	.1	25.4	.1	25.1	.6	27.2
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**28.7**	**.7**	**37.5**	**1.1**	**S**	**S**	**33.3**
SCTG 29, PRINTED PRODUCTS							
Total	**4.0**	**–**	**9.0**	**–**	**18.4**	**–**	**13.6**
Single modes	**3.7**	**2.4**	**9.2**	**1.8**	**13.9**	**6.5**	**29.6**
Truck	4.0	2.2	9.4	1.8	15.3	5.7	34.2
For-hire truck	6.4	1.5	8.3	1.9	18.1	5.3	14.5
Private truck	6.7	2.3	11.9	3.1	10.7	1.4	11.6
Rail	S	S	S	S	S	S	22.0
Water	S	S	S	S	S	S	20.4
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	20.4
Air (includes truck and air)	22.9	.7	31.7	.4	24.6	1.6	4.2
Pipeline	–	–	–	–	S	S	S
Multiple modes	**11.6**	**2.4**	**16.5**	**1.3**	**24.1**	**4.2**	**19.6**
Parcel, U.S. Postal Service or courier	11.6	2.4	16.7	1.3	24.7	4.2	19.6
Truck and rail	S	S	S	S	S	S	21.3
Truck and water	41.4	–	41.5	–	S	S	18.7
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**11.4**	**.6**	**23.9**	**1.2**	**S**	**S**	**24.9**
SCTG 30, TEXTILES, LEATHER, AND ARTICLES OF TEXTILES OR LEATHER							
Total	**10.2**	**–**	**10.1**	**–**	**9.3**	**–**	**3.8**
Single modes	**12.8**	**2.9**	**11.4**	**1.6**	**10.3**	**1.9**	**7.9**
Truck	13.0	3.0	11.7	1.8	11.3	2.2	9.0
For-hire truck	17.0	4.1	10.6	3.5	14.7	4.0	6.6
Private truck	20.7	2.8	19.7	3.7	27.9	3.1	23.0
Rail	36.9	–	37.7	.2	38.3	1.0	19.2
Water	S	S	S	S	S	S	19.7
Shallow draft	S	S	S	S	S	S	22.4
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	18.9
Air (includes truck and air)	29.7	1.0	33.9	.4	34.5	.9	3.9
Pipeline	S	S	S	S	S	S	S
Multiple modes	**15.6**	**2.8**	**9.9**	**1.3**	**12.3**	**1.8**	**2.7**
Parcel, U.S. Postal Service or courier	16.2	2.6	7.1	1.1	8.1	1.9	2.7
Truck and rail	S	S	S	S	S	S	34.1
Truck and water	S	S	S	S	S	S	12.6
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**10.1**	**.3**	**15.2**	**.5**	**19.8**	**.4**	**43.1**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 31, NONMETALLIC MINERAL PRODUCTS							
Total	**5.2**	**–**	**7.4**	**–**	**8.3**	**–**	**15.1**
Single modes	**5.4**	**1.0**	**7.5**	**.4**	**8.0**	**2.4**	**24.4**
Truck	5.8	1.2	8.1	1.0	5.3	3.4	25.8
For-hire truck	8.1	2.3	6.2	1.9	7.1	1.8	11.0
Private truck	8.7	2.7	10.4	2.5	9.2	2.8	35.9
Rail	12.2	.4	16.8	.9	20.9	3.4	8.5
Water	S	S	S	S	S	S	24.7
Shallow draft	S	S	S	S	S	S	21.7
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	28.0
Air (includes truck and air)	28.0	.3	45.6	–	S	S	11.4
Pipeline	–	–	–	–	S	S	S
Multiple modes	**13.9**	**.8**	**20.6**	**.1**	**22.3**	**.8**	**9.3**
Parcel, U.S. Postal Service or courier	15.1	.7	26.7	–	18.2	–	9.3
Truck and rail	24.8	.1	33.1	.1	30.2	.5	43.4
Truck and water	S	S	33.4	–	35.9	.6	14.2
Rail and water	S	S	S	S	S	S	22.4
Other multiple modes	S	S	S	S	S	S	22.3
Other and unknown modes	**16.1**	**.6**	**20.8**	**.4**	**33.0**	**1.9**	**33.8**
SCTG 32, BASE METAL IN PRIMARY OR SEMIFINISHED FORMS AND IN FINISHED BASIC SHAPES							
Total	**6.9**	**–**	**9.8**	**–**	**9.9**	**–**	**14.9**
Single modes	**7.8**	**1.8**	**8.7**	**2.5**	**8.9**	**3.8**	**15.7**
Truck	8.6	2.7	9.8	2.8	10.4	3.5	10.8
For-hire truck	12.3	2.5	13.2	2.6	10.9	3.3	10.2
Private truck	6.2	2.0	10.8	2.2	12.5	.5	11.0
Rail	19.3	1.9	12.2	1.7	13.8	3.5	5.4
Water	40.6	.1	S	S	36.5	.4	22.9
Shallow draft	S	S	S	S	S	S	22.4
Great Lakes	–	–	–	–	–	–	–
Deep draft	46.2	.1	S	S	38.3	.4	21.5
Air (includes truck and air)	39.2	.3	S	S	49.1	.5	6.2
Pipeline	–	–	–	–	S	S	S
Multiple modes	**28.2**	**1.5**	**S**	**S**	**18.9**	**1.3**	**6.8**
Parcel, U.S. Postal Service or courier	33.1	1.0	32.1	–	S	S	7.0
Truck and rail	19.2	.2	17.7	.3	17.0	.7	9.2
Truck and water	33.0	–	38.4	–	46.7	.8	17.2
Rail and water	S	S	S	S	S	S	22.4
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**27.0**	**1.1**	**30.6**	**2.0**	**S**	**S**	**36.7**
SCTG 33, ARTICLES OF BASE METAL							
Total	**7.4**	**–**	**10.8**	**–**	**12.3**	**–**	**11.4**
Single modes	**8.3**	**2.7**	**11.7**	**2.6**	**11.7**	**4.9**	**9.1**
Truck	8.2	2.7	11.0	2.6	10.7	4.9	9.8
For-hire truck	9.7	2.2	10.5	2.7	11.1	4.5	7.7
Private truck	7.6	1.5	12.7	1.7	13.5	.7	6.4
Rail	28.8	.3	32.2	1.1	29.3	2.3	18.3
Water	S	S	S	S	S	S	19.0
Shallow draft	S	S	S	S	S	S	23.8
Great Lakes	–	–	–	–	–	–	–
Deep draft	37.2	–	46.7	–	S	S	19.3
Air (includes truck and air)	23.3	.4	S	S	S	S	4.7
Pipeline	–	–	–	–	S	S	S
Multiple modes	**12.8**	**2.3**	**17.3**	**.7**	**S**	**S**	**11.2**
Parcel, U.S. Postal Service or courier	13.0	2.3	10.3	.3	12.5	.6	11.2
Truck and rail	40.1	.1	47.9	.1	46.3	.3	17.8
Truck and water	36.2	.1	S	S	S	S	32.0
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.2
Other and unknown modes	**21.1**	**1.2**	**23.7**	**2.7**	**28.3**	**4.4**	**13.2**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 34, MACHINERY							
Total	**6.0**	**–**	**13.8**	**–**	**24.6**	**–**	**8.5**
Single modes	**6.0**	**1.8**	**12.4**	**1.4**	**18.1**	**3.2**	**7.8**
Truck	4.9	2.1	11.2	1.7	14.2	3.9	10.1
For-hire truck	7.5	2.7	15.5	2.6	15.8	4.1	6.5
Private truck	8.8	2.2	10.4	2.6	44.8	2.7	22.5
Rail	32.6	.1	37.3	.3	38.0	1.1	16.3
Water	S	S	S	S	S	S	31.6
Shallow draft	S	S	S	S	S	S	23.0
Great Lakes	–	–	–	–	–	–	–
Deep draft	37.4	–	42.5	–	S	S	22.5
Air (includes truck and air)	29.8	1.0	S	S	S	S	3.5
Pipeline	–	–	–	–	S	S	S
Multiple modes	**12.9**	**1.5**	**13.5**	**1.1**	**24.7**	**2.6**	**8.6**
Parcel, U.S. Postal Service or courier	13.0	1.5	14.4	1.0	28.3	2.5	8.6
Truck and rail	S	S	S	S	S	S	20.0
Truck and water	S	S	S	S	S	S	37.2
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**17.4**	**1.3**	**35.0**	**1.4**	**S**	**S**	**22.3**
SCTG 35, ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT AND COMPONENTS AND OFFICE EQUIPMENT							
Total	**8.0**	**–**	**13.3**	**–**	**25.6**	**–**	**5.7**
Single modes	**11.8**	**2.6**	**15.5**	**2.3**	**30.2**	**3.5**	**10.9**
Truck	11.6	2.2	16.5	2.6	33.1	3.8	13.6
For-hire truck	15.2	2.4	24.1	3.9	38.1	4.8	8.2
Private truck	5.4	1.0	12.2	3.3	22.5	2.1	22.1
Rail	25.8	.1	40.5	1.0	31.4	.8	12.2
Water	38.3	–	38.6	–	40.1	–	S
Shallow draft	S	S	S	S	S	S	22.7
Great Lakes	–	–	–	–	–	–	–
Deep draft	40.4	–	43.7	–	42.9	–	44.2
Air (includes truck and air)	16.1	1.3	20.2	.6	17.4	1.1	2.4
Pipeline	S	S	S	S	S	S	S
Multiple modes	**7.9**	**2.3**	**9.4**	**1.0**	**12.7**	**2.1**	**3.3**
Parcel, U.S. Postal Service or courier	8.1	2.3	9.5	1.0	12.7	1.9	3.3
Truck and rail	S	S	S	S	S	S	18.1
Truck and water	S	S	42.7	.1	30.5	.2	15.9
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**19.2**	**1.3**	**22.4**	**1.9**	**37.5**	**2.6**	**25.6**
SCTG 36, MOTORIZED AND OTHER VEHICLES (INCLUDING PARTS)							
Total	**9.1**	**–**	**12.8**	**–**	**16.1**	**–**	**9.4**
Single modes	**9.4**	**2.2**	**13.6**	**2.8**	**20.1**	**4.5**	**13.9**
Truck	9.7	2.6	14.0	2.9	22.0	5.0	17.4
For-hire truck	13.2	2.8	17.5	3.8	28.1	5.3	10.5
Private truck	9.9	2.6	25.0	4.8	40.8	4.5	11.8
Rail	32.1	.2	30.1	.2	34.2	1.0	16.3
Water	45.4	–	42.2	.2	S	S	19.6
Shallow draft	S	S	S	S	S	S	20.7
Great Lakes	–	–	–	–	–	–	–
Deep draft	48.1	–	46.6	.2	S	S	19.1
Air (includes truck and air)	27.4	.7	26.2	.3	27.0	1.5	5.4
Pipeline	–	–	–	–	S	S	S
Multiple modes	**11.5**	**1.4**	**7.1**	**.7**	**12.1**	**1.8**	**6.9**
Parcel, U.S. Postal Service or courier	11.3	1.5	8.7	.7	12.0	1.8	6.9
Truck and rail	S	S	40.8	.1	35.5	.3	25.9
Truck and water	S	S	S	S	S	S	19.3
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**20.3**	**2.3**	**26.7**	**3.0**	**25.4**	**4.6**	**25.1**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 37, TRANSPORTATION EQUIPMENT, N.E.C.							
Total	**22.1**	**–**	**22.0**	**–**	**18.3**	**–**	**10.8**
Single modes	**25.0**	**4.5**	**23.0**	**2.4**	**20.3**	**3.7**	**13.2**
Truck	15.0	5.5	27.6	5.2	15.6	5.4	25.6
For-hire truck	24.0	4.8	34.5	5.0	16.8	5.5	10.4
Private truck	16.4	2.1	22.4	4.4	24.6	1.3	33.3
Rail	17.7	1.4	43.8	6.6	S	S	18.9
Water	S	S	S	S	S	S	22.4
Shallow draft	S	S	S	S	S	S	22.4
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	32.7	9.2	33.0	2.1	20.2	3.3	3.6
Pipeline	–	–	–	–	S	S	S
Multiple modes	**26.5**	**4.5**	**29.5**	**2.1**	**42.1**	**3.8**	**10.7**
Parcel, U.S. Postal Service or courier	11.1	3.0	30.4	2.1	43.5	3.8	10.7
Truck and rail	S	S	S	S	S	S	22.2
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**24.5**	**1.1**	**37.4**	**.9**	**31.1**
SCTG 38, PRECISION INSTRUMENTS AND APPARATUS							
Total	**9.3**	**–**	**13.9**	**–**	**14.7**	**–**	**4.4**
Single modes	**9.7**	**2.5**	**15.7**	**3.2**	**17.2**	**4.6**	**8.6**
Truck	11.0	2.3	16.3	3.3	16.7	4.8	12.6
For-hire truck	10.7	2.0	21.0	4.4	16.9	4.8	8.7
Private truck	20.8	1.5	29.1	3.4	41.5	1.0	37.7
Rail	S	S	S	S	S	S	22.7
Water	S	S	S	S	S	S	S
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	S
Air (includes truck and air)	12.7	1.9	26.5	1.1	32.8	2.6	2.9
Pipeline	–	–	–	–	S	S	S
Multiple modes	**12.9**	**2.7**	**13.0**	**2.9**	**20.2**	**3.9**	**4.1**
Parcel, U.S. Postal Service or courier	13.0	2.7	13.2	3.0	20.5	3.9	4.1
Truck and rail	–	–	–	–	–	–	–
Truck and water	S	S	S	S	S	S	21.7
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**24.0**	**.8**	**41.4**	**1.4**	**S**	**S**	**41.8**
SCTG 39, FURNITURE, MATTRESSES AND MATTRESS SUPPORTS, LAMPS, LIGHTING FITTINGS, AND ILLUMINATED SIGNS							
Total	**11.9**	**–**	**11.8**	**–**	**14.3**	**–**	**11.1**
Single modes	**11.7**	**2.4**	**12.6**	**1.5**	**16.0**	**2.0**	**15.0**
Truck	11.8	2.3	12.7	1.6	16.6	2.6	14.0
For-hire truck	11.1	2.9	13.9	3.0	17.9	3.7	7.4
Private truck	16.9	3.1	16.4	2.7	28.8	1.8	16.3
Rail	42.8	.2	46.1	.6	S	S	35.9
Water	39.3	–	40.5	–	S	S	21.4
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	39.3	–	40.5	–	S	S	21.4
Air (includes truck and air)	39.6	.1	S	S	41.9	.2	9.1
Pipeline	–	–	–	–	S	S	S
Multiple modes	**24.0**	**1.8**	**16.6**	**.9**	**16.7**	**1.7**	**7.6**
Parcel, U.S. Postal Service or courier	27.6	1.8	25.0	.8	30.3	1.4	7.7
Truck and rail	32.8	.3	23.9	.4	23.0	1.2	11.0
Truck and water	39.5	–	34.8	–	39.3	.3	16.3
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**47.8**	**1.3**	**27.3**	**1.1**	**S**	**S**	**28.3**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
SCTG 40, MISCELLANEOUS MANUFACTURED PRODUCTS							
Total	**23.2**	**–**	**20.9**	**–**	**36.2**	**–**	**5.0**
Single modes	**34.3**	**4.0**	**20.1**	**4.3**	**13.4**	**6.7**	**10.9**
Truck	36.5	4.3	20.1	4.2	12.6	6.4	13.4
For-hire truck	29.2	1.9	17.0	4.0	12.8	5.5	7.2
Private truck	44.0	3.9	25.7	4.0	26.1	3.0	24.5
Rail	38.5	.2	34.6	.2	35.3	.8	17.1
Water	S	S	S	S	S	S	26.2
Shallow draft	S	S	S	S	S	S	21.9
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	25.9
Air (includes truck and air)	24.1	1.1	39.9	.1	48.9	.7	4.6
Pipeline	–	–	–	–	S	S	S
Multiple modes	**13.2**	**4.1**	**17.0**	**1.5**	**19.8**	**2.9**	**2.9**
Parcel, U.S. Postal Service or courier	13.4	4.0	19.0	1.4	23.6	2.7	2.9
Truck and rail	25.4	.1	25.4	.2	26.5	.8	13.2
Truck and water	34.4	–	37.4	–	34.6	.3	16.7
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**20.0**	**.6**	**S**	**S**	**S**	**S**	**17.7**
SCTG 41, WASTE AND SCRAP							
Total	**11.9**	**–**	**15.0**	**–**	**18.7**	**–**	**23.6**
Single modes	**12.1**	**3.6**	**15.6**	**3.5**	**20.1**	**5.2**	**25.4**
Truck	13.0	4.0	15.0	4.3	16.2	6.5	29.3
For-hire truck	17.1	5.8	22.7	5.4	21.7	5.7	20.6
Private truck	27.2	6.0	25.5	5.0	34.9	5.1	S
Rail	20.2	1.6	39.8	3.1	46.3	4.7	26.8
Water	S	S	S	S	S	S	25.7
Shallow draft	S	S	S	S	S	S	22.4
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	25.8
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**25.3**	**1.1**	**24.4**	**.3**	**25.5**	**1.9**	**14.1**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	30.5
Truck and rail	30.6	1.1	27.9	.3	25.1	1.9	13.4
Truck and water	S	S	S	S	S	S	18.6
Rail and water	–	–	–	–	–	–	–
Other multiple modes	47.8	–	45.7	–	45.3	–	19.9
Other and unknown modes	**43.7**	**3.8**	**S**	**S**	**48.2**	**5.4**	**21.0**
SCTG 43, MIXED FREIGHT							
Total	**26.0**	**–**	**32.3**	**–**	**32.3**	**–**	**16.7**
Single modes	**26.3**	**.5**	**32.5**	**.5**	**30.7**	**2.3**	**16.2**
Truck	26.5	1.0	32.5	.5	31.1	2.3	17.5
For-hire truck	40.0	1.6	23.0	1.2	29.0	4.8	20.6
Private truck	27.6	1.7	33.1	1.3	34.8	4.9	8.9
Rail	–	–	–	–	–	–	–
Water	S	S	S	S	S	S	28.8
Shallow draft	S	S	S	S	S	S	22.4
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	28.4
Air (includes truck and air)	S	S	S	S	S	S	18.9
Pipeline	–	–	–	–	S	S	S
Multiple modes	**25.6**	**.4**	**36.7**	**.3**	**S**	**S**	**14.8**
Parcel, U.S. Postal Service or courier	27.5	.4	22.0	.2	35.3	1.7	15.1
Truck and rail	S	S	S	S	S	S	21.9
Truck and water	46.4	.1	S	S	S	S	17.6
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**44.2**	**.4**	**S**	**S**	**S**	**S**	**S**

See footnotes at end of table.

Table B–7. **Measures of Reliability for Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and mode of transportation	Value		Tons		Ton-miles		Average miles per shipment—coefficient of variation
	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	Coefficient of variation of number	Standard error of percentage	
COMMODITY UNKNOWN							
Total	**18.5**	**–**	**34.0**	**–**	**24.7**	**–**	**15.2**
Single modes	**22.2**	**4.4**	**34.7**	**2.0**	**26.7**	**5.1**	**16.2**
Truck	22.3	4.3	38.1	6.8	26.3	6.2	18.8
For-hire truck	35.5	4.8	S	S	29.1	6.5	15.2
Private truck	25.9	4.8	31.6	7.2	28.3	2.4	36.2
Rail	47.2	.6	S	S	47.9	5.7	21.8
Water	S	S	S	S	S	S	22.7
Shallow draft	S	S	S	S	S	S	28.3
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	22.4
Air (includes truck and air)	44.8	1.9	46.4	–	S	S	9.5
Pipeline	S	S	S	S	S	S	S
Multiple modes	**15.8**	**3.4**	**46.4**	**1.5**	**44.3**	**4.5**	**19.6**
Parcel, U.S. Postal Service or courier	16.4	3.4	22.0	.7	17.7	2.4	19.7
Truck and rail	44.8	.3	S	S	S	S	24.4
Truck and water	S	S	S	S	S	S	21.2
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**46.4**	**3.2**	**33.2**	**1.0**	**48.5**	**2.1**	**33.2**

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons.

Note: For description of development and uses of measures of reliability, see Appendix B, Reliability of the Estimates.

Table B–8. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Region: 1997

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and distance shipped (based on Great Circle Distance)	Value	Tons	Ton-miles
All commodities	**3.1**	**3.8**	**7.7**
Less than 50 miles	3.4	6.3	5.6
50 to 99 miles	9.6	4.5	5.6
100 to 249 miles	6.9	5.8	5.6
250 to 499 miles	6.3	6.7	5.4
500 to 749 miles	3.7	10.7	11.3
750 to 999 miles	5.6	16.2	15.7
1,000 to 1,499 miles	6.2	13.5	13.9
1,500 to 1,999 miles	5.0	9.0	9.1
2,000 miles or more	5.5	3.2	3.3
SCTG 01, Live animals and live fish	**S**	**S**	**S**
Less than 50 miles	S	S	S
50 to 99 miles	S	S	S
100 to 249 miles	S	S	S
250 to 499 miles	S	S	S
500 to 749 miles	S	S	S
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	S	S	S
2,000 miles or more	S	S	S
SCTG 02, Cereal grains	**13.4**	**14.8**	**12.4**
Less than 50 miles	18.2	19.2	21.8
50 to 99 miles	20.4	21.0	22.2
100 to 249 miles	20.5	19.5	21.5
250 to 499 miles	34.9	38.1	32.4
500 to 749 miles	30.0	29.5	30.5
750 to 999 miles	31.8	33.8	34.0
1,000 to 1,499 miles	37.9	40.2	36.2
1,500 to 1,999 miles	43.1	S	S
2,000 miles or more	S	S	S
SCTG 03, Other agricultural products	**7.9**	**9.9**	**12.3**
Less than 50 miles	12.7	17.7	15.1
50 to 99 miles	8.4	14.8	15.7
100 to 249 miles	12.0	13.5	13.7
250 to 499 miles	12.6	22.7	24.9
500 to 749 miles	15.7	22.3	22.6
750 to 999 miles	16.3	22.8	21.5
1,000 to 1,499 miles	12.4	18.2	18.7
1,500 to 1,999 miles	13.0	19.9	18.3
2,000 miles or more	14.2	14.2	13.7
SCTG 04, Animal feed and products of animal origin, n.e.c.	**12.2**	**11.8**	**12.3**
Less than 50 miles	17.1	15.1	31.5
50 to 99 miles	19.5	21.1	21.4
100 to 249 miles	15.6	25.7	26.3
250 to 499 miles	20.4	25.5	23.4
500 to 749 miles	26.7	22.8	21.6
750 to 999 miles	18.8	26.2	25.0
1,000 to 1,499 miles	32.9	26.9	26.7
1,500 to 1,999 miles	42.1	43.2	43.1
2,000 miles or more	44.2	39.0	39.4
SCTG 05, Meat, fish, seafood, and their preparations	**8.6**	**14.5**	**14.3**
Less than 50 miles	11.4	22.2	25.5
50 to 99 miles	15.7	15.8	16.1
100 to 249 miles	14.3	13.8	13.5
250 to 499 miles	15.5	15.0	14.7
500 to 749 miles	13.5	11.9	12.4
750 to 999 miles	16.0	16.3	16.8
1,000 to 1,499 miles	16.2	23.9	25.4
1,500 to 1,999 miles	26.2	22.7	23.6
2,000 miles or more	29.9	31.8	31.1
SCTG 06, Milled grain products and preparations, and bakery products	**10.5**	**16.4**	**16.7**
Less than 50 miles	11.3	18.2	33.2
50 to 99 miles	17.7	19.7	19.8
100 to 249 miles	22.1	24.7	22.6
250 to 499 miles	15.0	21.4	20.0
500 to 749 miles	22.4	21.1	20.9
750 to 999 miles	21.2	29.3	30.4
1,000 to 1,499 miles	20.0	22.7	23.4
1,500 to 1,999 miles	19.9	31.4	33.4
2,000 miles or more	20.0	21.2	21.8
SCTG 07, Other prepared foodstuffs and fats and oils	**3.9**	**9.4**	**5.4**
Less than 50 miles	6.5	13.8	19.1
50 to 99 miles	6.5	8.5	8.2
100 to 249 miles	7.2	14.5	15.3
250 to 499 miles	8.0	11.1	11.0
500 to 749 miles	7.7	9.1	9.1
750 to 999 miles	13.9	12.8	12.8
1,000 to 1,499 miles	10.7	10.3	10.1
1,500 to 1,999 miles	20.3	11.4	11.1
2,000 miles or more	8.9	13.0	13.6

See footnotes at end of table.

Table B–8. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and distance shipped (based on Great Circle Distance)	Value	Tons	Ton-miles
SCTG 08, Alcoholic beverages	**8.8**	**11.4**	**24.4**
Less than 50 miles	6.1	5.9	8.0
50 to 99 miles	10.9	13.0	12.7
100 to 249 miles	34.4	23.2	22.4
250 to 499 miles	22.5	23.6	22.8
500 to 749 miles	20.2	28.9	34.7
750 to 999 miles	21.7	31.5	33.3
1,000 to 1,499 miles	22.3	34.9	36.1
1,500 to 1,999 miles	26.7	35.2	35.0
2,000 miles or more	28.6	33.9	35.1
SCTG 09, Tobacco products	**15.7**	**27.0**	**31.3**
Less than 50 miles	16.4	19.3	19.1
50 to 99 miles	20.0	S	S
100 to 249 miles	30.8	27.7	30.2
250 to 499 miles	33.9	46.4	45.7
500 to 749 miles	S	S	S
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	S	S	S
2,000 miles or more	S	47.0	S
SCTG 10, Monumental or building stone	**47.2**	**39.0**	**41.8**
Less than 50 miles	S	44.2	S
50 to 99 miles	S	47.7	42.6
100 to 249 miles	S	46.7	44.6
250 to 499 miles	S	S	S
500 to 749 miles	S	S	S
750 to 999 miles	S	S	S
1,000 to 1,499 miles	44.9	44.5	44.6
1,500 to 1,999 miles	S	S	S
2,000 miles or more	S	S	S
SCTG 11, Natural sands	**15.7**	**18.0**	**16.3**
Less than 50 miles	20.2	20.1	23.1
50 to 99 miles	17.9	27.6	27.5
100 to 249 miles	20.9	31.7	29.7
250 to 499 miles	S	28.4	29.0
500 to 749 miles	S	34.2	38.9
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	47.3	S	S
2,000 miles or more	S	S	S
SCTG 12, Gravel and crushed stone	**10.5**	**11.6**	**12.9**
Less than 50 miles	11.4	12.2	14.9
50 to 99 miles	16.4	17.8	18.0
100 to 249 miles	27.4	42.2	40.7
250 to 499 miles	40.1	40.4	42.6
500 to 749 miles	S	S	S
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	S	S	S
2,000 miles or more	–	–	–
SCTG 13, Nonmetallic minerals n.e.c.	**32.4**	**18.7**	**23.8**
Less than 50 miles	S	40.1	42.3
50 to 99 miles	24.2	26.4	26.9
100 to 249 miles	18.4	25.2	25.8
250 to 499 miles	26.7	25.7	24.4
500 to 749 miles	31.3	35.6	32.1
750 to 999 miles	32.9	23.9	23.4
1,000 to 1,499 miles	30.5	29.4	28.8
1,500 to 1,999 miles	22.1	27.7	27.1
2,000 miles or more	26.9	43.0	40.6
SCTG 14, Metallic ores and concentrates	**12.2**	**29.4**	**18.6**
Less than 50 miles	22.9	48.6	28.7
50 to 99 miles	43.1	44.2	42.4
100 to 249 miles	26.8	20.4	20.4
250 to 499 miles	36.5	S	S
500 to 749 miles	42.9	49.6	S
750 to 999 miles	34.7	29.3	31.1
1,000 to 1,499 miles	35.7	S	S
1,500 to 1,999 miles	33.6	24.5	24.9
2,000 miles or more	39.8	39.4	39.1
SCTG 15, Coal	**5.4**	**10.1**	**15.3**
Less than 50 miles	15.6	15.8	19.0
50 to 99 miles	26.1	24.7	26.8
100 to 249 miles	30.4	25.3	23.2
250 to 499 miles	16.8	13.0	13.0
500 to 749 miles	16.4	15.3	15.7
750 to 999 miles	16.1	20.7	19.9
1,000 to 1,499 miles	16.3	19.9	20.0
1,500 to 1,999 miles	S	S	S
2,000 miles or more	–	–	–

See footnotes at end of table.

Table B–8. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and distance shipped (based on Great Circle Distance)	Value	Tons	Ton-miles
SCTG 17, Gasoline and aviation turbine fuel	**9.3**	**9.2**	**25.0**
Less than 50 miles	10.3	10.6	8.1
50 to 99 miles	25.0	30.4	23.3
100 to 249 miles	17.2	21.2	19.2
250 to 499 miles	26.2	28.0	22.8
500 to 749 miles	48.0	S	48.1
750 to 999 miles	S	S	S
1,000 to 1,499 miles	40.6	40.3	39.2
1,500 to 1,999 miles	S	S	S
2,000 miles or more	S	S	S
SCTG 18, Fuel oils	**7.9**	**10.7**	**20.9**
Less than 50 miles	10.0	12.6	14.4
50 to 99 miles	12.3	15.2	14.0
100 to 249 miles	22.6	21.2	22.9
250 to 499 miles	33.9	42.5	39.4
500 to 749 miles	S	S	S
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	S	S	S
2,000 miles or more	S	S	S
SCTG 19, Coal and petroleum products, n.e.c.	**10.8**	**14.2**	**43.0**
Less than 50 miles	13.0	20.6	35.8
50 to 99 miles	17.4	42.5	S
100 to 249 miles	16.9	20.4	20.7
250 to 499 miles	S	33.8	31.5
500 to 749 miles	20.3	45.5	47.8
750 to 999 miles	30.4	45.3	47.6
1,000 to 1,499 miles	45.8	S	S
1,500 to 1,999 miles	29.3	S	S
2,000 miles or more	45.2	31.6	31.7
SCTG 20, Basic chemicals	**8.4**	**18.1**	**18.9**
Less than 50 miles	13.3	23.4	26.2
50 to 99 miles	14.2	30.6	32.9
100 to 249 miles	12.2	19.3	22.0
250 to 499 miles	14.0	23.5	22.9
500 to 749 miles	12.7	28.0	28.7
750 to 999 miles	30.2	30.8	30.8
1,000 to 1,499 miles	17.1	30.1	29.6
1,500 to 1,999 miles	12.1	18.2	18.2
2,000 miles or more	25.4	33.2	32.2
SCTG 21, Pharmaceutical products	**8.1**	**14.9**	**18.4**
Less than 50 miles	15.4	29.4	11.2
50 to 99 miles	17.5	14.3	14.9
100 to 249 miles	13.6	22.5	21.1
250 to 499 miles	12.1	21.9	20.0
500 to 749 miles	24.8	39.9	34.4
750 to 999 miles	27.0	33.5	31.8
1,000 to 1,499 miles	16.0	29.7	30.1
1,500 to 1,999 miles	11.7	34.3	37.6
2,000 miles or more	13.3	23.3	23.6
SCTG 22, Fertilizers	**8.5**	**23.1**	**26.5**
Less than 50 miles	12.1	25.1	40.6
50 to 99 miles	17.5	42.0	38.8
100 to 249 miles	12.7	16.6	16.2
250 to 499 miles	18.5	17.2	16.8
500 to 749 miles	11.7	19.0	20.6
750 to 999 miles	25.9	30.9	31.6
1,000 to 1,499 miles	S	47.9	S
1,500 to 1,999 miles	S	S	S
2,000 miles or more	36.4	41.6	42.4
SCTG 23, Chemical products and preparations, n.e.c.	**6.5**	**11.6**	**15.4**
Less than 50 miles	8.9	12.0	11.4
50 to 99 miles	18.2	10.6	10.7
100 to 249 miles	24.2	29.8	30.3
250 to 499 miles	10.7	21.2	20.4
500 to 749 miles	14.3	25.6	24.4
750 to 999 miles	15.7	18.3	18.0
1,000 to 1,499 miles	27.5	42.3	40.8
1,500 to 1,999 miles	19.4	19.5	19.1
2,000 miles or more	11.1	16.4	17.7
SCTG 24, Plastics and rubber	**4.4**	**7.6**	**9.2**
Less than 50 miles	5.5	12.1	12.9
50 to 99 miles	16.4	21.2	19.2
100 to 249 miles	8.3	16.8	16.1
250 to 499 miles	8.1	7.5	7.7
500 to 749 miles	8.4	10.8	10.8
750 to 999 miles	12.0	14.8	14.5
1,000 to 1,499 miles	11.1	13.3	13.3
1,500 to 1,999 miles	11.2	12.2	12.3
2,000 miles or more	10.1	16.6	17.3

See footnotes at end of table.

Table B–8. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Region: 1997—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and distance shipped (based on Great Circle Distance)	Value	Tons	Ton-miles
SCTG 25, Logs and other wood in the rough	**8.7**	**20.0**	**15.4**
Less than 50 miles	11.2	25.7	14.3
50 to 99 miles	16.4	19.4	19.2
100 to 249 miles	23.0	23.7	24.8
250 to 499 miles	24.8	28.0	29.5
500 to 749 miles	30.8	S	S
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	35.7	40.1	40.6
2,000 miles or more	S	S	S
SCTG 26, Wood products	**4.8**	**11.0**	**6.1**
Less than 50 miles	7.7	22.5	19.4
50 to 99 miles	8.5	21.4	22.0
100 to 249 miles	11.4	12.1	12.1
250 to 499 miles	6.6	23.1	21.6
500 to 749 miles	6.2	7.6	8.3
750 to 999 miles	8.9	9.4	9.3
1,000 to 1,499 miles	6.0	10.1	9.2
1,500 to 1,999 miles	4.9	7.2	7.9
2,000 miles or more	8.5	7.8	8.4
SCTG 27, Pulp, newsprint, paper, and paperboard	**6.3**	**6.9**	**8.4**
Less than 50 miles	11.1	8.0	9.7
50 to 99 miles	10.5	13.4	12.5
100 to 249 miles	11.8	12.6	13.2
250 to 499 miles	9.2	10.1	11.0
500 to 749 miles	16.6	21.6	22.1
750 to 999 miles	12.7	12.2	12.5
1,000 to 1,499 miles	24.5	23.3	22.4
1,500 to 1,999 miles	16.4	13.6	13.5
2,000 miles or more	18.2	16.0	16.0
SCTG 28, Paper or paperboard articles	**5.2**	**23.5**	**10.8**
Less than 50 miles	8.4	37.8	44.1
50 to 99 miles	12.1	10.3	10.4
100 to 249 miles	7.6	7.7	8.1
250 to 499 miles	10.0	21.4	26.1
500 to 749 miles	16.1	13.9	14.3
750 to 999 miles	9.9	10.3	12.3
1,000 to 1,499 miles	14.9	18.7	18.3
1,500 to 1,999 miles	24.8	18.2	18.4
2,000 miles or more	29.3	23.6	37.9
SCTG 29, Printed products	**4.0**	**9.0**	**18.4**
Less than 50 miles	5.2	10.1	11.7
50 to 99 miles	17.7	12.1	11.7
100 to 249 miles	20.1	11.2	11.1
250 to 499 miles	7.5	15.8	18.6
500 to 749 miles	16.4	12.6	13.6
750 to 999 miles	14.4	22.3	25.1
1,000 to 1,499 miles	12.4	13.9	13.1
1,500 to 1,999 miles	13.2	30.4	30.2
2,000 miles or more	10.6	36.9	37.3
SCTG 30, Textiles, leather, and articles of textiles or leather	**10.2**	**10.1**	**9.3**
Less than 50 miles	12.2	12.3	16.0
50 to 99 miles	13.1	24.8	26.0
100 to 249 miles	31.5	35.4	37.7
250 to 499 miles	27.5	24.3	23.6
500 to 749 miles	14.7	13.8	14.3
750 to 999 miles	20.1	16.5	17.9
1,000 to 1,499 miles	13.7	13.9	14.2
1,500 to 1,999 miles	13.3	11.2	11.5
2,000 miles or more	15.2	11.5	11.7
SCTG 31, Nonmetallic mineral products	**5.2**	**7.4**	**8.3**
Less than 50 miles	7.5	9.3	10.1
50 to 99 miles	9.4	12.2	12.7
100 to 249 miles	8.5	8.1	8.6
250 to 499 miles	8.8	11.1	12.0
500 to 749 miles	12.5	16.4	17.0
750 to 999 miles	13.9	11.5	12.0
1,000 to 1,499 miles	15.1	32.2	33.9
1,500 to 1,999 miles	21.9	26.1	28.4
2,000 miles or more	17.9	23.8	24.2
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**6.9**	**9.8**	**9.9**
Less than 50 miles	7.5	15.5	16.0
50 to 99 miles	26.2	28.6	32.3
100 to 249 miles	8.8	10.3	10.5
250 to 499 miles	12.1	13.8	12.8
500 to 749 miles	16.1	11.5	12.1
750 to 999 miles	15.4	15.1	15.3
1,000 to 1,499 miles	24.4	10.3	10.2
1,500 to 1,999 miles	15.9	19.7	18.8
2,000 miles or more	23.4	35.0	35.9

See footnotes at end of table.

Table B–8. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Region: 1997—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and distance shipped (based on Great Circle Distance)	Value	Tons	Ton-miles
SCTG 33, Articles of base metal	**7.4**	**10.8**	**12.3**
Less than 50 miles	9.1	12.1	12.7
50 to 99 miles	9.1	12.7	11.9
100 to 249 miles	9.0	12.1	10.7
250 to 499 miles	9.1	16.2	16.0
500 to 749 miles	13.8	22.2	23.2
750 to 999 miles	13.4	20.4	20.6
1,000 to 1,499 miles	19.6	20.2	19.8
1,500 to 1,999 miles	9.7	19.2	29.0
2,000 miles or more	14.4	20.6	20.3
SCTG 34, Machinery	**6.0**	**13.8**	**24.6**
Less than 50 miles	6.5	12.9	23.4
50 to 99 miles	9.6	12.8	18.2
100 to 249 miles	10.0	10.2	10.8
250 to 499 miles	8.2	12.3	11.4
500 to 749 miles	16.5	17.9	18.1
750 to 999 miles	14.5	16.7	16.6
1,000 to 1,499 miles	12.5	35.1	35.1
1,500 to 1,999 miles	14.0	18.2	18.2
2,000 miles or more	17.7	46.6	45.7
SCTG 35, Electronic and other electrical equipment and components and office equipment	**8.0**	**13.3**	**25.6**
Less than 50 miles	7.1	7.3	9.0
50 to 99 miles	22.3	18.0	17.0
100 to 249 miles	20.3	15.3	15.9
250 to 499 miles	14.3	24.1	23.9
500 to 749 miles	12.6	21.7	20.8
750 to 999 miles	11.0	11.3	11.3
1,000 to 1,499 miles	10.7	30.9	29.6
1,500 to 1,999 miles	10.6	14.8	15.0
2,000 miles or more	13.0	38.5	39.3
SCTG 36, Motorized and other vehicles (including parts)	**9.1**	**12.8**	**16.1**
Less than 50 miles	15.2	15.7	14.0
50 to 99 miles	9.2	12.1	13.3
100 to 249 miles	18.6	13.8	11.9
250 to 499 miles	13.4	31.9	30.6
500 to 749 miles	18.6	26.2	27.1
750 to 999 miles	30.6	22.3	22.2
1,000 to 1,499 miles	28.6	40.2	42.1
1,500 to 1,999 miles	17.2	16.5	16.1
2,000 miles or more	24.7	21.4	21.3
SCTG 37, Transportation equipment, n.e.c.	**22.1**	**22.0**	**18.3**
Less than 50 miles	49.4	31.2	45.9
50 to 99 miles	21.8	29.1	36.5
100 to 249 miles	25.6	22.3	24.6
250 to 499 miles	25.2	46.9	44.8
500 to 749 miles	23.7	S	S
750 to 999 miles	46.8	21.1	20.2
1,000 to 1,499 miles	39.2	S	S
1,500 to 1,999 miles	27.2	20.2	20.9
2,000 miles or more	38.1	21.2	21.5
SCTG 38, Precision instruments and apparatus	**9.3**	**13.9**	**14.7**
Less than 50 miles	14.7	24.4	31.1
50 to 99 miles	19.1	32.7	30.7
100 to 249 miles	17.5	48.1	48.6
250 to 499 miles	14.1	35.3	36.4
500 to 749 miles	12.8	16.2	16.3
750 to 999 miles	22.9	34.8	34.0
1,000 to 1,499 miles	10.3	18.3	17.3
1,500 to 1,999 miles	9.8	18.6	17.6
2,000 miles or more	14.1	19.7	19.9
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**11.9**	**11.8**	**14.3**
Less than 50 miles	16.6	16.7	17.1
50 to 99 miles	12.5	16.1	15.6
100 to 249 miles	15.9	14.6	14.8
250 to 499 miles	21.2	14.9	13.9
500 to 749 miles	17.0	12.1	11.9
750 to 999 miles	15.4	19.1	19.8
1,000 to 1,499 miles	12.7	15.6	15.1
1,500 to 1,999 miles	25.9	12.2	12.1
2,000 miles or more	15.0	21.5	21.2
SCTG 40, Miscellaneous manufactured products	**23.2**	**20.9**	**36.2**
Less than 50 miles	18.4	12.7	15.3
50 to 99 miles	S	42.1	38.5
100 to 249 miles	48.8	28.2	28.2
250 to 499 miles	25.9	27.2	26.0
500 to 749 miles	10.8	17.5	17.7
750 to 999 miles	14.1	S	S
1,000 to 1,499 miles	11.4	S	S
1,500 to 1,999 miles	16.3	38.8	38.6
2,000 miles or more	8.2	36.8	36.0

See footnotes at end of table.

Table B–8. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and distance shipped (based on Great Circle Distance)	Value	Tons	Ton-miles
SCTG 41, Waste and scrap	**11.9**	**15.0**	**18.7**
Less than 50 miles	17.5	19.6	20.1
50 to 99 miles	21.9	37.2	37.2
100 to 249 miles	28.9	23.0	22.2
250 to 499 miles	25.2	42.9	45.0
500 to 749 miles	26.3	27.6	28.2
750 to 999 miles	S	S	S
1,000 to 1,499 miles	28.0	30.5	29.8
1,500 to 1,999 miles	15.9	16.5	16.4
2,000 miles or more	30.0	35.9	35.8
SCTG 43, Mixed freight	**26.0**	**32.3**	**32.3**
Less than 50 miles	23.9	30.1	32.3
50 to 99 miles	31.7	39.3	38.5
100 to 249 miles	37.1	39.3	43.0
250 to 499 miles	32.2	33.5	35.2
500 to 749 miles	30.3	27.6	24.3
750 to 999 miles	32.1	38.0	38.9
1,000 to 1,499 miles	27.3	41.2	41.6
1,500 to 1,999 miles	21.6	35.6	35.6
2,000 miles or more	39.1	49.1	S
Commodity unknown	**18.5**	**34.0**	**24.7**
Less than 50 miles	34.7	43.6	S
50 to 99 miles	S	S	S
100 to 249 miles	25.5	26.0	28.4
250 to 499 miles	24.4	46.9	46.2
500 to 749 miles	26.5	48.4	46.2
750 to 999 miles	38.9	41.6	43.5
1,000 to 1,499 miles	32.8	S	S
1,500 to 1,999 miles	23.0	33.1	34.1
2,000 miles or more	35.3	45.1	44.0

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons.

Note: For description of development and uses of measures of reliability, see Appendix B, Reliability of the Estimates.

Table B–9. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Region: 1997

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and shipment size	Value	Tons	Ton-miles
All commodities	**3.1**	**3.8**	**7.7**
Less than 50 lb	3.1	7.4	4.9
50 to 99 lb	4.5	3.9	5.9
100 to 499 lb	3.0	3.1	3.5
500 to 749 lb	4.8	3.3	7.0
750 to 999 lb	4.8	3.4	5.8
1,000 to 9,999 lb	3.9	2.5	9.7
10,000 to 49,999 lb	7.5	5.2	2.2
50,000 to 99,999 lb	8.0	5.6	5.0
100,000 lb or more	10.0	6.5	10.8
SCTG 01, Live animals and live fish	**S**	**S**	**S**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	S
100 to 499 lb	S	S	S
500 to 749 lb	S	S	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	S	41.8	S
10,000 to 49,999 lb	S	S	S
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	S
SCTG 02, Cereal grains	**13.4**	**14.8**	**12.4**
Less than 50 lb	S	S	S
50 to 99 lb	39.6	S	49.3
100 to 499 lb	46.6	29.9	S
500 to 749 lb	S	S	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	40.2	24.6	35.1
10,000 to 49,999 lb	20.1	19.8	30.9
50,000 to 99,999 lb	18.6	19.4	27.3
100,000 lb or more	15.6	16.4	13.3
SCTG 03, Other agricultural products	**7.9**	**9.9**	**12.3**
Less than 50 lb	S	S	35.3
50 to 99 lb	36.0	25.6	S
100 to 499 lb	18.3	23.1	31.7
500 to 749 lb	16.0	22.0	16.3
750 to 999 lb	15.9	25.1	21.4
1,000 to 9,999 lb	13.4	21.0	27.2
10,000 to 49,999 lb	8.4	9.7	11.1
50,000 to 99,999 lb	13.8	14.9	27.6
100,000 lb or more	18.3	28.8	24.1
SCTG 04, Animal feed and products of animal origin, n.e.c.	**12.2**	**11.8**	**12.3**
Less than 50 lb	38.7	36.3	S
50 to 99 lb	46.5	S	S
100 to 499 lb	33.1	31.7	S
500 to 749 lb	38.7	31.7	S
750 to 999 lb	S	34.2	S
1,000 to 9,999 lb	21.5	18.7	23.5
10,000 to 49,999 lb	13.1	13.3	15.8
50,000 to 99,999 lb	17.6	17.6	22.1
100,000 lb or more	20.2	17.7	16.4
SCTG 05, Meat, fish, seafood, and their preparations	**8.6**	**14.5**	**14.3**
Less than 50 lb	20.9	19.1	33.5
50 to 99 lb	16.7	16.8	36.7
100 to 499 lb	11.4	12.7	10.7
500 to 749 lb	13.8	14.1	12.2
750 to 999 lb	13.1	13.7	11.6
1,000 to 9,999 lb	12.0	9.2	13.5
10,000 to 49,999 lb	11.4	21.7	13.1
50,000 to 99,999 lb	30.0	31.9	46.1
100,000 lb or more	28.6	31.2	42.2
SCTG 06, Milled grain products and preparations, and bakery products	**10.5**	**16.4**	**16.7**
Less than 50 lb	36.7	48.5	32.7
50 to 99 lb	31.5	33.6	49.4
100 to 499 lb	17.3	16.1	18.1
500 to 749 lb	19.3	19.0	29.1
750 to 999 lb	19.7	39.3	31.3
1,000 to 9,999 lb	11.9	14.9	22.4
10,000 to 49,999 lb	13.4	21.2	13.7
50,000 to 99,999 lb	25.7	24.8	34.5
100,000 lb or more	30.2	42.5	41.9
SCTG 07, Other prepared foodstuffs and fats and oils	**3.9**	**9.4**	**5.4**
Less than 50 lb	22.1	S	25.0
50 to 99 lb	18.0	15.2	19.6
100 to 499 lb	12.5	12.5	18.9
500 to 749 lb	10.3	11.8	14.9
750 to 999 lb	14.7	15.7	15.7
1,000 to 9,999 lb	11.7	12.1	10.3
10,000 to 49,999 lb	5.9	14.1	6.1
50,000 to 99,999 lb	14.9	21.7	17.1
100,000 lb or more	9.4	15.3	13.2

See footnotes at end of table.

Table B–9. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Region: 1997—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and shipment size	Value	Tons	Ton-miles
SCTG 08, Alcoholic beverages	**8.8**	**11.4**	**24.4**
Less than 50 lb	36.4	30.3	S
50 to 99 lb	10.2	7.4	10.6
100 to 499 lb	5.9	5.4	10.3
500 to 749 lb	8.3	9.0	14.3
750 to 999 lb	7.9	10.1	20.8
1,000 to 9,999 lb	8.0	7.3	24.0
10,000 to 49,999 lb	16.2	15.8	19.0
50,000 to 99,999 lb	30.4	19.6	44.4
100,000 lb or more	24.5	34.6	38.4
SCTG 09, Tobacco products	**15.7**	**27.0**	**31.3**
Less than 50 lb	49.8	41.6	S
50 to 99 lb	15.3	14.0	S
100 to 499 lb	18.1	14.4	18.7
500 to 749 lb	35.3	27.2	37.0
750 to 999 lb	44.5	27.1	28.4
1,000 to 9,999 lb	26.8	31.6	43.6
10,000 to 49,999 lb	S	S	S
50,000 to 99,999 lb	–	–	–
100,000 lb or more	–	–	–
SCTG 10, Monumental or building stone	**47.2**	**39.0**	**41.8**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	S
100 to 499 lb	S	37.6	S
500 to 749 lb	S	S	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	S	S	S
10,000 to 49,999 lb	S	36.2	S
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	48.5
SCTG 11, Natural sands	**15.7**	**18.0**	**16.3**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	S
100 to 499 lb	S	24.0	S
500 to 749 lb	43.6	32.3	S
750 to 999 lb	45.7	42.0	S
1,000 to 9,999 lb	41.7	22.7	27.1
10,000 to 49,999 lb	26.5	12.8	21.5
50,000 to 99,999 lb	16.3	11.5	18.8
100,000 lb or more	32.6	45.2	29.8
SCTG 12, Gravel and crushed stone	**10.5**	**11.6**	**12.9**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	S
100 to 499 lb	S	S	S
500 to 749 lb	S	S	S
750 to 999 lb	S	49.8	S
1,000 to 9,999 lb	33.9	27.6	26.2
10,000 to 49,999 lb	14.7	15.2	22.8
50,000 to 99,999 lb	14.4	16.1	14.6
100,000 lb or more	22.0	29.2	29.9
SCTG 13, Nonmetallic minerals n.e.c.	**32.4**	**18.7**	**23.8**
Less than 50 lb	39.6	39.8	37.4
50 to 99 lb	S	S	33.8
100 to 499 lb	26.9	22.6	25.3
500 to 749 lb	48.0	48.9	S
750 to 999 lb	S	34.6	S
1,000 to 9,999 lb	S	44.1	29.5
10,000 to 49,999 lb	38.9	30.5	39.8
50,000 to 99,999 lb	S	18.3	S
100,000 lb or more	25.6	29.9	22.8
SCTG 14, Metallic ores and concentrates	**12.2**	**29.4**	**18.6**
Less than 50 lb	46.6	S	37.7
50 to 99 lb	S	44.9	35.2
100 to 499 lb	36.9	42.5	S
500 to 749 lb	S	33.4	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	37.5	37.9	48.7
10,000 to 49,999 lb	20.0	29.4	26.7
50,000 to 99,999 lb	37.0	24.9	23.0
100,000 lb or more	17.9	34.8	25.9
SCTG 15, Coal	**5.4**	**10.1**	**15.3**
Less than 50 lb	–	–	–
50 to 99 lb	–	–	–
100 to 499 lb	47.0	49.2	S
500 to 749 lb	S	S	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	S	32.0	34.4
10,000 to 49,999 lb	S	38.8	48.1
50,000 to 99,999 lb	29.0	34.0	42.4
100,000 lb or more	5.9	10.5	15.3

See footnotes at end of table.

Table B–9. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and shipment size	Value	Tons	Ton-miles
SCTG 17, Gasoline and aviation turbine fuel	**9.3**	**9.2**	**25.0**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	45.7
100 to 499 lb	S	31.5	24.9
500 to 749 lb	20.7	22.8	43.2
750 to 999 lb	22.1	23.2	38.5
1,000 to 9,999 lb	S	33.3	23.6
10,000 to 49,999 lb	14.7	13.6	27.0
50,000 to 99,999 lb	6.6	9.5	28.1
100,000 lb or more	16.7	16.7	30.7
SCTG 18, Fuel oils	**7.9**	**10.7**	**20.9**
Less than 50 lb	S	34.1	36.7
50 to 99 lb	26.6	26.7	23.5
100 to 499 lb	38.6	31.1	18.1
500 to 749 lb	33.4	23.8	27.8
750 to 999 lb	25.6	25.5	30.3
1,000 to 9,999 lb	25.3	17.2	21.3
10,000 to 49,999 lb	10.9	10.2	23.1
50,000 to 99,999 lb	13.3	12.3	18.9
100,000 lb or more	15.8	17.5	28.5
SCTG 19, Coal and petroleum products, n.e.c.	**10.8**	**14.2**	**43.0**
Less than 50 lb	21.9	24.2	22.6
50 to 99 lb	37.6	25.8	46.3
100 to 499 lb	18.4	25.7	26.3
500 to 749 lb	39.2	S	46.8
750 to 999 lb	21.8	34.8	36.1
1,000 to 9,999 lb	15.8	19.9	17.4
10,000 to 49,999 lb	14.4	27.9	14.3
50,000 to 99,999 lb	16.1	13.4	17.6
100,000 lb or more	23.3	24.0	S
SCTG 20, Basic chemicals	**8.4**	**18.1**	**18.9**
Less than 50 lb	15.9	18.1	24.6
50 to 99 lb	27.3	19.1	43.3
100 to 499 lb	23.4	19.8	31.9
500 to 749 lb	18.2	17.3	S
750 to 999 lb	27.3	24.9	36.0
1,000 to 9,999 lb	17.5	12.7	26.6
10,000 to 49,999 lb	10.7	22.6	14.2
50,000 to 99,999 lb	16.3	23.4	26.5
100,000 lb or more	13.8	21.8	20.3
SCTG 21, Pharmaceutical products	**8.1**	**14.9**	**18.4**
Less than 50 lb	9.3	10.3	13.4
50 to 99 lb	13.2	13.9	22.1
100 to 499 lb	9.5	13.7	22.1
500 to 749 lb	15.2	18.2	44.4
750 to 999 lb	16.7	14.8	45.1
1,000 to 9,999 lb	22.2	19.5	27.5
10,000 to 49,999 lb	45.4	39.2	35.3
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	S
SCTG 22, Fertilizers	**8.5**	**23.1**	**26.5**
Less than 50 lb	S	S	S
50 to 99 lb	41.0	29.4	42.2
100 to 499 lb	21.4	42.8	26.5
500 to 749 lb	18.5	20.8	30.5
750 to 999 lb	22.3	23.6	33.4
1,000 to 9,999 lb	13.7	14.4	22.3
10,000 to 49,999 lb	12.3	31.7	25.2
50,000 to 99,999 lb	12.4	20.2	19.6
100,000 lb or more	18.9	28.6	32.1
SCTG 23, Chemical products and preparations, n.e.c.	**6.5**	**11.6**	**15.4**
Less than 50 lb	13.3	15.9	15.5
50 to 99 lb	14.2	14.2	19.0
100 to 499 lb	13.9	14.6	9.9
500 to 749 lb	14.1	17.5	20.7
750 to 999 lb	14.0	13.6	16.3
1,000 to 9,999 lb	9.9	8.4	14.1
10,000 to 49,999 lb	16.9	17.5	20.0
50,000 to 99,999 lb	35.2	28.5	20.0
100,000 lb or more	S	46.7	48.1
SCTG 24, Plastics and rubber	**4.4**	**7.6**	**9.2**
Less than 50 lb	11.2	9.5	20.6
50 to 99 lb	7.6	9.4	16.7
100 to 499 lb	8.4	8.7	12.4
500 to 749 lb	11.7	12.7	16.1
750 to 999 lb	10.8	12.6	12.7
1,000 to 9,999 lb	7.6	8.6	11.2
10,000 to 49,999 lb	10.3	10.3	9.8
50,000 to 99,999 lb	44.1	47.9	23.8
100,000 lb or more	39.5	32.3	S

See footnotes at end of table.

Table B–9. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Region: 1997—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and shipment size	Value	Tons	Ton-miles
SCTG 25, Logs and other wood in the rough	**8.7**	**20.0**	**15.4**
Less than 50 lb	S	47.8	S
50 to 99 lb	S	S	S
100 to 499 lb	46.3	S	S
500 to 749 lb	S	S	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	33.1	37.3	22.4
10,000 to 49,999 lb	14.2	25.5	21.9
50,000 to 99,999 lb	11.8	27.1	14.7
100,000 lb or more	33.6	34.1	46.6
SCTG 26, Wood products	**4.8**	**11.0**	**6.1**
Less than 50 lb	17.3	11.9	21.6
50 to 99 lb	15.6	13.0	15.2
100 to 499 lb	14.3	12.9	36.0
500 to 749 lb	17.1	15.3	S
750 to 999 lb	13.7	12.1	22.9
1,000 to 9,999 lb	9.1	8.2	10.1
10,000 to 49,999 lb	5.1	9.9	8.6
50,000 to 99,999 lb	9.4	13.8	7.4
100,000 lb or more	9.0	25.4	8.4
SCTG 27, Pulp, newsprint, paper, and paperboard	**6.3**	**6.9**	**8.4**
Less than 50 lb	24.2	12.7	25.9
50 to 99 lb	20.2	19.0	21.0
100 to 499 lb	20.1	23.7	14.4
500 to 749 lb	21.6	23.2	18.0
750 to 999 lb	14.8	16.9	38.0
1,000 to 9,999 lb	12.9	8.6	24.9
10,000 to 49,999 lb	7.3	7.7	8.2
50,000 to 99,999 lb	14.5	12.2	12.2
100,000 lb or more	13.4	13.5	12.3
SCTG 28, Paper or paperboard articles	**5.2**	**23.5**	**10.8**
Less than 50 lb	22.9	10.8	25.5
50 to 99 lb	10.3	12.2	25.5
100 to 499 lb	9.6	10.9	16.7
500 to 749 lb	12.2	17.9	18.9
750 to 999 lb	13.0	16.1	40.6
1,000 to 9,999 lb	9.2	9.2	12.0
10,000 to 49,999 lb	8.4	34.5	14.0
50,000 to 99,999 lb	18.3	24.0	36.9
100,000 lb or more	27.4	27.4	39.3
SCTG 29, Printed products	**4.0**	**9.0**	**18.4**
Less than 50 lb	10.1	9.5	13.2
50 to 99 lb	8.4	10.6	17.2
100 to 499 lb	8.2	8.4	22.0
500 to 749 lb	12.1	19.2	31.6
750 to 999 lb	11.5	16.1	36.6
1,000 to 9,999 lb	6.7	11.4	41.9
10,000 to 49,999 lb	7.8	12.1	12.7
50,000 to 99,999 lb	33.2	35.1	35.9
100,000 lb or more	38.5	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**10.2**	**10.1**	**9.3**
Less than 50 lb	20.3	13.8	17.0
50 to 99 lb	12.3	16.2	26.5
100 to 499 lb	8.9	8.8	11.5
500 to 749 lb	11.8	8.9	17.9
750 to 999 lb	11.6	19.0	15.7
1,000 to 9,999 lb	14.1	8.0	15.8
10,000 to 49,999 lb	34.0	19.9	19.9
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	S
SCTG 31, Nonmetallic mineral products	**5.2**	**7.4**	**8.3**
Less than 50 lb	19.5	18.2	30.4
50 to 99 lb	21.9	16.4	42.2
100 to 499 lb	14.7	14.0	25.6
500 to 749 lb	19.1	12.0	28.2
750 to 999 lb	17.0	12.4	16.7
1,000 to 9,999 lb	14.7	12.7	19.6
10,000 to 49,999 lb	6.3	8.9	7.9
50,000 to 99,999 lb	6.3	6.9	9.6
100,000 lb or more	8.2	17.0	18.0
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**6.9**	**9.8**	**9.9**
Less than 50 lb	26.6	22.0	S
50 to 99 lb	17.0	12.7	29.6
100 to 499 lb	12.4	8.2	18.6
500 to 749 lb	15.0	8.8	22.0
750 to 999 lb	12.2	8.4	17.8
1,000 to 9,999 lb	13.1	6.5	12.9
10,000 to 49,999 lb	10.1	10.0	14.2
50,000 to 99,999 lb	22.7	16.5	15.0
100,000 lb or more	17.8	24.5	12.2

See footnotes at end of table.

Table B–9. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and shipment size	Value	Tons	Ton-miles
SCTG 33, Articles of base metal	**7.4**	**10.8**	**12.3**
Less than 50 lb	12.3	10.8	16.7
50 to 99 lb	12.9	12.0	16.9
100 to 499 lb	9.1	12.0	15.4
500 to 749 lb	11.9	13.6	18.8
750 to 999 lb	12.7	13.2	12.4
1,000 to 9,999 lb	9.1	10.7	16.5
10,000 to 49,999 lb	11.4	12.0	16.6
50,000 to 99,999 lb	24.8	23.6	38.9
100,000 lb or more	20.6	21.9	33.4
SCTG 34, Machinery	**6.0**	**13.8**	**24.6**
Less than 50 lb	9.2	9.9	19.3
50 to 99 lb	14.5	13.4	20.4
100 to 499 lb	11.4	14.4	21.6
500 to 749 lb	11.0	10.9	15.6
750 to 999 lb	15.0	8.5	11.4
1,000 to 9,999 lb	12.1	8.4	11.5
10,000 to 49,999 lb	10.7	7.6	13.0
50,000 to 99,999 lb	37.0	26.1	41.4
100,000 lb or more	45.7	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**8.0**	**13.3**	**25.6**
Less than 50 lb	7.5	8.5	14.4
50 to 99 lb	7.8	11.8	13.9
100 to 499 lb	7.9	7.4	11.1
500 to 749 lb	13.4	10.6	17.9
750 to 999 lb	15.2	16.2	23.6
1,000 to 9,999 lb	19.1	24.9	45.8
10,000 to 49,999 lb	19.0	12.9	13.7
50,000 to 99,999 lb	S	33.3	34.8
100,000 lb or more	31.2	S	29.0
SCTG 36, Motorized and other vehicles (including parts)	**9.1**	**12.8**	**16.1**
Less than 50 lb	7.4	6.8	8.9
50 to 99 lb	9.1	10.0	16.4
100 to 499 lb	12.9	13.5	11.1
500 to 749 lb	19.7	15.8	18.5
750 to 999 lb	24.9	12.4	17.6
1,000 to 9,999 lb	11.3	8.8	13.3
10,000 to 49,999 lb	16.9	22.7	23.3
50,000 to 99,999 lb	33.5	40.4	41.7
100,000 lb or more	S	43.6	S
SCTG 37, Transportation equipment, n.e.c.	**22.1**	**22.0**	**18.3**
Less than 50 lb	16.2	19.5	20.9
50 to 99 lb	47.2	19.6	20.1
100 to 499 lb	18.9	26.9	41.0
500 to 749 lb	38.6	28.0	40.6
750 to 999 lb	27.1	41.1	S
1,000 to 9,999 lb	39.7	17.3	24.0
10,000 to 49,999 lb	47.5	30.0	24.0
50,000 to 99,999 lb	42.6	43.9	38.2
100,000 lb or more	39.1	37.6	45.3
SCTG 38, Precision instruments and apparatus	**9.3**	**13.9**	**14.7**
Less than 50 lb	9.4	9.7	11.9
50 to 99 lb	17.5	15.2	16.1
100 to 499 lb	13.6	13.1	16.6
500 to 749 lb	16.2	19.2	23.3
750 to 999 lb	18.0	19.0	33.6
1,000 to 9,999 lb	19.2	25.3	24.9
10,000 to 49,999 lb	21.6	26.4	39.8
50,000 to 99,999 lb	–	–	–
100,000 lb or more	–	–	–
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**11.9**	**11.8**	**14.3**
Less than 50 lb	16.5	15.5	28.4
50 to 99 lb	24.6	17.5	41.6
100 to 499 lb	20.4	18.3	15.2
500 to 749 lb	19.3	21.8	13.1
750 to 999 lb	19.0	19.3	15.0
1,000 to 9,999 lb	13.2	11.0	12.4
10,000 to 49,999 lb	11.7	18.0	20.7
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	46.0	S
SCTG 40, Miscellaneous manufactured products	**23.2**	**20.9**	**36.2**
Less than 50 lb	12.2	12.6	16.4
50 to 99 lb	13.2	17.7	24.4
100 to 499 lb	11.0	10.3	9.3
500 to 749 lb	15.6	17.0	32.1
750 to 999 lb	12.3	9.5	9.6
1,000 to 9,999 lb	22.4	35.6	S
10,000 to 49,999 lb	S	30.9	31.7
50,000 to 99,999 lb	S	S	S
100,000 lb or more	28.5	45.0	34.3

See footnotes at end of table.

Table B–9. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, and shipment size	Value	Tons	Ton-miles
SCTG 41, Waste and scrap	**11.9**	**15.0**	**18.7**
Less than 50 lb	S	S	46.5
50 to 99 lb	S	49.2	43.2
100 to 499 lb	33.7	36.5	48.3
500 to 749 lb	S	S	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	36.3	46.6	S
10,000 to 49,999 lb	12.3	17.5	17.2
50,000 to 99,999 lb	22.2	28.8	21.6
100,000 lb or more	23.0	23.4	28.4
SCTG 43, Mixed freight	**26.0**	**32.3**	**32.3**
Less than 50 lb	18.1	15.2	29.3
50 to 99 lb	21.3	15.4	36.4
100 to 499 lb	22.1	18.5	15.5
500 to 749 lb	12.8	12.8	20.2
750 to 999 lb	19.3	14.5	16.5
1,000 to 9,999 lb	25.6	9.5	12.4
10,000 to 49,999 lb	39.8	41.1	39.8
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	S
Commodity unknown	**18.5**	**34.0**	**24.7**
Less than 50 lb	17.8	24.1	21.4
50 to 99 lb	27.2	27.3	31.0
100 to 499 lb	46.4	42.2	21.7
500 to 749 lb	38.1	30.7	33.0
750 to 999 lb	30.1	23.5	28.2
1,000 to 9,999 lb	27.8	20.6	32.5
10,000 to 49,999 lb	28.7	33.7	29.5
50,000 to 99,999 lb	49.0	S	41.0
100,000 lb or more	S	S	41.0

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons.

Note: For description of development and uses of measures of reliability, see Appendix B, Reliability of the Estimates.

Table B–10. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles			50 to 99 miles		
	Value	Tons	Ton-miles	Average miles per shipment	Value	Tons	Ton-miles	Value	Tons	Ton-miles
All commodities	**3.1**	**3.8**	**7.7**	**6.2**	**3.4**	**6.3**	**5.6**	**9.6**	**4.5**	**5.6**
Less than 50 lb	3.1	7.4	4.9	6.9	3.7	13.8	12.1	5.1	9.5	9.5
50 to 99 lb	4.5	3.9	5.9	5.6	5.9	4.9	4.9	9.7	6.4	6.1
100 to 499 lb	3.0	3.1	3.5	4.0	3.7	4.2	3.6	11.8	5.4	5.2
500 to 749 lb	4.8	3.3	7.0	5.9	5.2	3.9	3.5	6.4	6.6	6.3
750 to 999 lb	4.8	3.4	5.8	6.5	4.6	5.1	4.7	8.9	6.9	6.9
1,000 to 9,999 lb	3.9	2.5	9.7	8.1	5.0	3.7	4.9	11.9	4.5	4.8
10,000 to 49,999 lb	7.5	5.2	2.2	5.5	5.0	6.7	8.0	24.3	7.3	7.2
50,000 to 99,999 lb	8.0	5.6	5.0	5.6	7.4	7.4	6.6	9.4	7.2	7.0
100,000 lb or more	10.0	6.5	10.8	5.2	16.8	11.1	14.5	23.5	15.3	16.6
SCTG 01, Live animals and live fish	**S**	**S**	**S**	**17.0**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	S	S	29.2	S	S	S	–	–	–
50 to 99 lb	S	S	S	22.4	S	S	S	–	–	–
100 to 499 lb	S	S	S	21.1	S	S	S	S	S	S
500 to 749 lb	S	S	S	21.1	S	S	S	–	–	–
750 to 999 lb	S	S	S	23.2	S	S	S	–	–	–
1,000 to 9,999 lb	S	41.8	S	20.3	S	47.5	S	–	–	–
10,000 to 49,999 lb	S	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	21.1	S	S	S	S	S	S
100,000 lb or more	S	S	S	22.4	–	–	–	–	–	–
SCTG 02, Cereal grains	**13.4**	**14.8**	**12.4**	**16.1**	**18.2**	**19.2**	**21.8**	**20.4**	**21.0**	**22.2**
Less than 50 lb	S	S	S	29.1	S	S	S	S	S	S
50 to 99 lb	39.6	S	49.3	S	S	S	S	–	–	–
100 to 499 lb	46.6	29.9	S	S	45.7	32.6	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	32.4	S	S	S	S	S	S
1,000 to 9,999 lb	40.2	24.6	35.1	24.1	47.1	27.0	25.7	S	S	S
10,000 to 49,999 lb	20.1	19.8	30.9	30.3	23.7	25.1	40.9	24.4	20.7	22.7
50,000 to 99,999 lb	18.6	19.4	27.3	9.6	18.3	19.5	22.1	29.1	30.3	30.8
100,000 lb or more	15.6	16.4	13.3	12.2	20.6	21.2	35.8	S	49.0	S
SCTG 03, Other agricultural products	**7.9**	**9.9**	**12.3**	**30.2**	**12.7**	**17.7**	**15.1**	**8.4**	**14.8**	**15.7**
Less than 50 lb	S	S	35.3	S	S	S	S	20.9	26.3	31.5
50 to 99 lb	36.0	25.6	S	24.6	27.8	24.7	27.9	28.3	31.5	31.7
100 to 499 lb	18.3	23.1	31.7	41.5	20.8	23.1	21.3	26.5	32.4	32.3
500 to 749 lb	16.0	22.0	16.3	S	15.9	25.3	17.9	27.5	35.0	32.1
750 to 999 lb	15.9	25.1	21.4	42.0	16.9	29.1	21.7	42.2	42.9	43.2
1,000 to 9,999 lb	13.4	21.0	27.2	15.9	19.2	27.9	20.6	16.3	18.9	19.6
10,000 to 49,999 lb	8.4	9.7	11.1	8.4	14.5	15.9	18.4	15.6	18.8	17.0
50,000 to 99,999 lb	13.8	14.9	27.6	20.9	21.4	26.3	18.6	25.2	43.5	49.4
100,000 lb or more	18.3	28.8	24.1	17.3	37.0	46.6	37.2	S	S	S
SCTG 04, Animal feed and products of animal origin, n.e.c.	**12.2**	**11.8**	**12.3**	**29.3**	**17.1**	**15.1**	**31.5**	**19.5**	**21.1**	**21.4**
Less than 50 lb	38.7	36.3	S	31.6	44.3	44.0	S	47.0	45.3	45.8
50 to 99 lb	46.5	S	S	S	45.7	S	S	S	46.8	45.7
100 to 499 lb	33.1	31.7	S	39.3	34.9	35.6	40.9	47.6	47.6	46.1
500 to 749 lb	38.7	31.7	S	34.2	35.5	31.6	33.6	44.1	42.1	40.8
750 to 999 lb	S	34.2	S	26.1	34.0	32.4	33.9	S	S	S
1,000 to 9,999 lb	21.5	18.7	23.5	24.6	21.4	19.0	25.6	41.9	32.9	33.4
10,000 to 49,999 lb	13.1	13.3	15.8	19.3	19.7	17.0	33.6	20.0	24.1	23.9
50,000 to 99,999 lb	17.6	17.6	22.1	14.6	23.1	22.2	39.8	31.8	23.1	26.4
100,000 lb or more	20.2	17.7	16.4	16.8	41.3	29.3	31.7	43.8	44.4	43.7
SCTG 05, Meat, fish, seafood, and their preparations	**8.6**	**14.5**	**14.3**	**28.7**	**11.4**	**22.2**	**25.5**	**15.7**	**15.8**	**16.1**
Less than 50 lb	20.9	19.1	33.5	S	22.3	20.4	25.2	28.3	23.5	22.7
50 to 99 lb	16.7	16.8	36.7	49.0	18.3	18.4	20.1	35.5	27.5	27.4
100 to 499 lb	11.4	12.7	10.7	49.8	14.0	15.9	14.0	23.2	18.8	19.2
500 to 749 lb	13.8	14.1	12.2	26.8	17.2	16.2	14.5	19.3	23.5	22.4
750 to 999 lb	13.1	13.7	11.6	28.3	16.4	17.0	21.2	28.0	28.1	28.5
1,000 to 9,999 lb	12.0	9.2	13.5	19.4	15.4	12.2	13.9	15.1	13.5	13.8
10,000 to 49,999 lb	11.4	21.7	13.1	9.9	16.4	41.6	43.4	20.7	14.8	15.2
50,000 to 99,999 lb	30.0	31.9	46.1	41.1	29.5	S	S	S	S	S
100,000 lb or more	28.6	31.2	42.2	22.1	S	48.3	S	S	S	S
SCTG 06, Milled grain products and preparations, and bakery products	**10.5**	**16.4**	**16.7**	**39.7**	**11.3**	**18.2**	**33.2**	**17.7**	**19.7**	**19.8**
Less than 50 lb	36.7	48.5	32.7	S	41.7	S	43.6	28.6	40.9	40.4
50 to 99 lb	31.5	33.6	49.4	S	34.6	35.4	35.0	42.4	S	S
100 to 499 lb	17.3	16.1	18.1	35.8	21.5	18.6	19.8	24.5	24.2	24.7
500 to 749 lb	19.3	19.0	29.1	32.7	20.8	23.1	28.8	30.8	23.0	22.4
750 to 999 lb	19.7	39.3	31.3	35.1	17.8	36.5	27.9	41.8	S	S
1,000 to 9,999 lb	11.9	14.9	22.4	20.1	14.8	18.4	20.6	23.3	17.4	17.7
10,000 to 49,999 lb	13.4	21.2	13.7	14.1	16.7	29.7	S	20.2	25.9	26.4
50,000 to 99,999 lb	25.7	24.8	34.5	41.4	27.6	28.1	40.8	S	S	S
100,000 lb or more	30.2	42.5	41.9	15.1	43.9	S	S	S	S	S

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles			50 to 99 miles		
	Value	Tons	Ton-miles	Average miles per shipment	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 07, Other prepared foodstuffs and fats and oils	**3.9**	**9.4**	**5.4**	**25.3**	**6.5**	**13.8**	**19.1**	**6.5**	**8.5**	**8.2**
Less than 50 lb	22.1	S	25.0	S	29.3	S	S	32.1	28.6	26.6
50 to 99 lb	18.0	15.2	19.6	27.8	18.4	17.3	17.7	22.2	20.4	19.5
100 to 499 lb	12.5	12.5	18.9	21.9	15.3	14.2	13.5	16.3	18.5	18.1
500 to 749 lb	10.3	11.8	14.9	19.2	12.4	12.6	14.3	17.2	17.7	18.2
750 to 999 lb	14.7	15.7	15.7	17.5	19.9	18.5	17.8	21.6	17.0	17.6
1,000 to 9,999 lb	11.7	12.1	10.3	7.8	15.6	13.4	15.8	10.7	13.6	14.0
10,000 to 49,999 lb	5.9	14.1	6.1	9.1	7.3	22.0	29.3	9.1	12.1	11.4
50,000 to 99,999 lb	14.9	21.7	17.1	22.3	17.7	23.1	20.9	25.0	24.0	29.9
100,000 lb or more	9.4	15.3	13.2	4.8	28.4	38.9	49.5	S	S	S
SCTG 08, Alcoholic beverages	**8.8**	**11.4**	**24.4**	**22.8**	**6.1**	**5.9**	**8.0**	**10.9**	**13.0**	**12.7**
Less than 50 lb	36.4	30.3	S	22.0	16.3	8.2	8.8	32.0	25.1	26.8
50 to 99 lb	10.2	7.4	10.6	14.4	10.8	9.7	10.8	21.4	15.2	16.0
100 to 499 lb	5.9	5.4	10.3	8.8	6.2	5.9	7.0	19.3	14.3	14.1
500 to 749 lb	8.3	9.0	14.3	9.3	8.9	9.7	11.2	21.2	14.9	15.0
750 to 999 lb	7.9	10.1	20.8	11.5	9.2	11.2	10.7	20.5	14.1	14.9
1,000 to 9,999 lb	8.0	7.3	24.0	14.7	6.9	7.2	8.6	20.5	19.8	21.9
10,000 to 49,999 lb	16.2	15.8	19.0	12.3	17.2	14.6	19.2	21.7	23.2	22.6
50,000 to 99,999 lb	30.4	19.6	44.4	23.5	S	S	S	35.5	36.2	35.5
100,000 lb or more	24.5	34.6	38.4	14.9	S	S	47.8	S	S	S
SCTG 09, Tobacco products	**15.7**	**27.0**	**31.3**	**16.9**	**16.4**	**19.3**	**19.1**	**20.0**	**S**	**S**
Less than 50 lb	49.8	41.6	S	17.0	18.4	20.9	30.8	34.8	27.9	36.0
50 to 99 lb	15.3	14.0	S	45.5	16.5	15.5	22.1	20.6	19.6	20.6
100 to 499 lb	18.1	14.4	18.7	16.0	25.1	19.3	16.5	17.6	14.2	14.2
500 to 749 lb	35.3	27.2	37.0	13.7	24.3	23.2	27.5	44.2	32.3	34.6
750 to 999 lb	44.5	27.1	28.4	26.6	S	38.2	46.2	39.6	37.6	39.6
1,000 to 9,999 lb	26.8	31.6	43.6	17.3	29.6	38.0	37.3	35.4	36.8	36.4
10,000 to 49,999 lb	S	S	S	21.7	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–	–
SCTG 10, Monumental or building stone	**47.2**	**39.0**	**41.8**	**S**	**S**	**44.2**	**S**	**S**	**47.7**	**42.6**
Less than 50 lb	S	S	S	23.2	S	S	S	–	–	–
50 to 99 lb	S	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	37.6	S	31.4	S	44.6	46.4	S	S	S
500 to 749 lb	S	S	S	23.0	S	S	S	S	S	S
750 to 999 lb	S	S	S	21.0	S	S	S	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	36.2	S	43.6	S	36.7	44.0	S	47.8	42.3
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	48.5	S	S	S	S	–	–	–
SCTG 11, Natural sands	**15.7**	**18.0**	**16.3**	**25.3**	**20.2**	**20.1**	**23.1**	**17.9**	**27.6**	**27.5**
Less than 50 lb	S	S	S	S	S	S	S	–	–	–
50 to 99 lb	S	S	S	26.3	S	S	S	–	–	–
100 to 499 lb	S	24.0	S	24.0	S	28.6	34.8	S	S	S
500 to 749 lb	43.6	32.3	S	34.1	42.4	32.7	43.2	S	S	S
750 to 999 lb	45.7	42.0	S	25.7	S	S	49.6	S	S	S
1,000 to 9,999 lb	41.7	22.7	27.1	27.9	26.9	19.0	21.2	45.7	S	S
10,000 to 49,999 lb	26.5	12.8	21.5	35.7	33.6	13.3	15.0	34.1	42.9	43.1
50,000 to 99,999 lb	16.3	11.5	18.8	20.5	19.8	14.0	15.3	27.6	25.6	25.5
100,000 lb or more	32.6	45.2	29.8	S	36.6	49.4	S	S	S	S
SCTG 12, Gravel and crushed stone	**10.5**	**11.6**	**12.9**	**15.8**	**11.4**	**12.2**	**14.9**	**16.4**	**17.8**	**18.0**
Less than 50 lb	S	S	S	22.4	S	S	S	–	–	–
50 to 99 lb	S	S	S	22.4	S	S	S	–	–	–
100 to 499 lb	S	S	S	16.0	S	S	S	–	–	–
500 to 749 lb	S	S	S	18.6	S	S	S	S	S	S
750 to 999 lb	S	49.8	S	19.9	S	49.8	S	–	–	–
1,000 to 9,999 lb	33.9	27.6	26.2	11.1	35.1	27.6	27.2	S	41.4	41.2
10,000 to 49,999 lb	14.7	15.2	22.8	23.0	15.2	14.9	17.8	28.1	29.5	30.5
50,000 to 99,999 lb	14.4	16.1	14.6	7.5	15.7	16.7	18.1	21.9	20.1	19.5
100,000 lb or more	22.0	29.2	29.9	21.4	23.6	32.0	40.9	48.9	46.3	49.9
SCTG 13, Nonmetallic minerals n.e.c.	**32.4**	**18.7**	**23.8**	**17.9**	**S**	**40.1**	**42.3**	**24.2**	**26.4**	**26.9**
Less than 50 lb	39.6	39.8	37.4	S	S	46.2	S	S	S	S
50 to 99 lb	S	S	33.8	S	S	S	S	S	S	S
100 to 499 lb	26.9	22.6	25.3	46.0	30.4	24.4	27.5	S	S	S
500 to 749 lb	48.0	48.9	S	20.5	S	44.9	S	S	S	S
750 to 999 lb	S	34.6	S	26.2	44.5	45.9	S	S	S	S
1,000 to 9,999 lb	S	44.1	29.5	S	S	S	36.0	40.7	S	S
10,000 to 49,999 lb	38.9	30.5	39.8	16.1	S	S	S	38.1	35.0	34.1
50,000 to 99,999 lb	S	18.3	S	20.6	S	29.5	27.9	30.8	30.6	29.6
100,000 lb or more	25.6	29.9	22.8	5.6	S	S	S	S	S	S

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles			50 to 99 miles		
	Value	Tons	Ton-miles	Average miles per shipment	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 14, Metallic ores and concentrates	**12.2**	**29.4**	**18.6**	**25.4**	**22.9**	**48.6**	**28.7**	**43.1**	**44.2**	**42.4**
Less than 50 lb	46.6	S	37.7	S	S	S	S	S	S	S
50 to 99 lb	S	44.9	35.2	S	S	45.9	S	S	S	S
100 to 499 lb	36.9	42.5	S	34.5	S	30.3	32.9	S	S	S
500 to 749 lb	S	33.4	S	36.3	S	48.1	S	S	S	S
750 to 999 lb	S	S	S	28.7	S	S	S	–	–	–
1,000 to 9,999 lb	37.5	37.9	48.7	S	S	S	48.9	S	S	S
10,000 to 49,999 lb	20.0	29.4	26.7	27.4	42.6	S	S	36.8	44.4	46.9
50,000 to 99,999 lb	37.0	24.9	23.0	39.3	37.6	31.3	33.9	S	S	S
100,000 lb or more	17.9	34.8	25.9	39.3	34.3	S	44.2	S	S	S
SCTG 15, Coal	**5.4**	**10.1**	**15.3**	**S**	**15.6**	**15.8**	**19.0**	**26.1**	**24.7**	**26.8**
Less than 50 lb	–	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	47.0	49.2	S	28.4	47.0	49.2	S	–	–	–
500 to 749 lb	S	S	S	22.0	S	S	S	–	–	–
750 to 999 lb	S	S	S	22.3	S	S	S	–	–	–
1,000 to 9,999 lb	S	32.0	34.4	29.6	S	32.8	32.4	S	S	S
10,000 to 49,999 lb	S	38.8	48.1	40.4	49.8	43.6	38.4	S	49.6	49.7
50,000 to 99,999 lb	29.0	34.0	42.4	23.0	31.9	30.2	37.6	S	S	S
100,000 lb or more	5.9	10.5	15.3	18.3	17.4	17.6	25.5	28.7	26.4	28.2
SCTG 17, Gasoline and aviation turbine fuel	**9.3**	**9.2**	**25.0**	**19.9**	**10.3**	**10.6**	**8.1**	**25.0**	**30.4**	**23.3**
Less than 50 lb	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	45.7	S	S	S	48.1	–	–	–
100 to 499 lb	S	31.5	24.9	24.6	S	31.6	19.6	S	S	S
500 to 749 lb	20.7	22.8	43.2	14.8	21.2	21.8	33.0	S	S	S
750 to 999 lb	22.1	23.2	38.5	24.6	22.8	24.0	45.6	S	S	S
1,000 to 9,999 lb	S	33.3	23.6	21.7	S	35.7	35.1	S	42.3	43.0
10,000 to 49,999 lb	14.7	13.6	27.0	25.0	13.6	10.2	11.8	22.5	20.2	21.0
50,000 to 99,999 lb	6.6	9.5	28.1	26.8	6.1	8.9	10.6	13.4	13.2	13.9
100,000 lb or more	16.7	16.7	30.7	17.7	22.1	21.9	17.2	S	S	S
SCTG 18, Fuel oils	**7.9**	**10.7**	**20.9**	**17.1**	**10.0**	**12.6**	**14.4**	**12.3**	**15.2**	**14.0**
Less than 50 lb	S	34.1	36.7	47.1	S	35.3	44.0	S	S	S
50 to 99 lb	26.6	26.7	23.5	38.0	28.4	28.7	31.3	S	S	S
100 to 499 lb	38.6	31.1	18.1	S	32.1	31.3	18.9	S	S	S
500 to 749 lb	33.4	23.8	27.8	22.6	26.0	24.9	22.7	S	S	S
750 to 999 lb	25.6	25.5	30.3	24.9	25.6	26.0	21.5	S	S	S
1,000 to 9,999 lb	25.3	17.2	21.3	11.9	26.9	17.1	25.7	37.3	42.2	43.9
10,000 to 49,999 lb	10.9	10.2	23.1	26.9	11.2	10.4	15.5	25.5	23.7	24.5
50,000 to 99,999 lb	13.3	12.3	18.9	19.2	13.0	12.1	18.1	25.0	24.3	21.3
100,000 lb or more	15.8	17.5	28.5	49.5	21.1	22.0	25.6	33.2	39.9	41.1
SCTG 19, Coal and petroleum products, n.e.c.	**10.8**	**14.2**	**43.0**	**25.4**	**13.0**	**20.6**	**35.8**	**17.4**	**42.5**	**S**
Less than 50 lb	21.9	24.2	22.6	S	27.0	27.0	21.4	S	S	S
50 to 99 lb	37.6	25.8	46.3	23.6	39.6	27.6	26.0	S	42.3	47.0
100 to 499 lb	18.4	25.7	26.3	18.9	19.5	29.0	32.7	32.1	32.5	36.0
500 to 749 lb	39.2	S	46.8	28.1	45.0	S	S	38.3	32.7	32.0
750 to 999 lb	21.8	34.8	36.1	17.4	22.4	36.9	29.9	40.8	45.7	45.5
1,000 to 9,999 lb	15.8	19.9	17.4	27.1	18.0	22.1	17.4	23.6	22.0	24.3
10,000 to 49,999 lb	14.4	27.9	14.3	17.1	17.4	34.4	41.0	15.1	14.4	14.8
50,000 to 99,999 lb	16.1	13.4	17.6	20.3	20.4	17.8	20.1	20.0	21.2	22.8
100,000 lb or more	23.3	24.0	S	13.8	28.5	37.5	S	S	S	S
SCTG 20, Basic chemicals	**8.4**	**18.1**	**18.9**	**14.0**	**13.3**	**23.4**	**26.2**	**14.2**	**30.6**	**32.9**
Less than 50 lb	15.9	18.1	24.6	10.8	20.2	19.0	19.7	31.5	35.4	32.3
50 to 99 lb	27.3	19.1	43.3	23.2	20.3	20.9	17.1	46.9	38.2	42.1
100 to 499 lb	23.4	19.8	31.9	36.6	34.8	23.0	23.7	21.1	30.8	29.8
500 to 749 lb	18.2	17.3	S	31.0	19.7	19.3	19.1	41.6	28.1	29.7
750 to 999 lb	27.3	24.9	36.0	27.1	21.0	27.6	29.6	S	49.0	S
1,000 to 9,999 lb	17.5	12.7	26.6	18.6	18.8	14.0	13.3	37.2	26.9	25.8
10,000 to 49,999 lb	10.7	22.6	14.2	15.6	14.6	33.4	29.2	19.4	31.4	32.1
50,000 to 99,999 lb	16.3	23.4	26.5	10.4	27.5	29.7	32.3	26.1	40.3	43.5
100,000 lb or more	13.8	21.8	20.3	7.1	33.0	35.6	47.9	26.8	S	S
SCTG 21, Pharmaceutical products	**8.1**	**14.9**	**18.4**	**10.2**	**15.4**	**29.4**	**11.2**	**17.5**	**14.3**	**14.9**
Less than 50 lb	9.3	10.3	13.4	10.3	18.7	13.8	13.4	24.1	22.1	21.1
50 to 99 lb	13.2	13.9	22.1	15.6	19.2	18.0	12.9	32.2	24.7	26.3
100 to 499 lb	9.5	13.7	22.1	14.0	17.5	20.1	19.3	26.4	15.7	15.7
500 to 749 lb	15.2	18.2	44.4	33.2	27.9	25.3	29.4	S	41.3	40.6
750 to 999 lb	16.7	14.8	45.1	28.0	33.3	22.5	26.8	46.7	41.6	42.3
1,000 to 9,999 lb	22.2	19.5	27.5	25.1	33.3	21.9	23.3	S	30.7	31.7
10,000 to 49,999 lb	45.4	39.2	35.3	32.8	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	21.8	S	S	S	–	–	–
100,000 lb or more	S	S	S	22.4	S	S	S	–	–	–

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles			50 to 99 miles		
	Value	Tons	Ton-miles	Average miles per shipment	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 22, Fertilizers	**8.5**	**23.1**	**26.5**	**8.2**	**12.1**	**25.1**	**40.6**	**17.5**	**42.0**	**38.8**
Less than 50 lb	S	S	S	S	49.2	S	46.7	S	S	S
50 to 99 lb	41.0	29.4	42.2	31.1	28.2	32.5	27.5	S	45.2	44.7
100 to 499 lb	21.4	42.8	26.5	25.0	18.3	47.3	S	49.7	49.1	49.4
500 to 749 lb	18.5	20.8	30.5	18.6	19.5	22.3	24.5	S	44.4	47.3
750 to 999 lb	22.3	23.6	33.4	47.3	21.6	26.6	19.9	S	S	S
1,000 to 9,999 lb	13.7	14.4	22.3	10.7	14.1	14.6	15.6	19.8	17.9	20.8
10,000 to 49,999 lb	12.3	31.7	25.2	14.1	15.3	32.2	S	18.8	49.0	47.0
50,000 to 99,999 lb	12.4	20.2	19.6	8.4	13.2	20.6	34.9	22.6	46.1	41.3
100,000 lb or more	18.9	28.6	32.1	8.0	33.7	38.6	47.9	S	47.9	48.5
SCTG 23, Chemical products and preparations, n.e.c.	**6.5**	**11.6**	**15.4**	**10.4**	**8.9**	**12.0**	**11.4**	**18.2**	**10.6**	**10.7**
Less than 50 lb	13.3	15.9	15.5	12.8	14.2	15.5	17.0	23.9	29.9	29.1
50 to 99 lb	14.2	14.2	19.0	19.0	13.8	17.2	18.5	18.5	16.0	15.2
100 to 499 lb	13.9	14.6	9.9	12.3	14.1	16.4	19.8	45.9	32.2	35.3
500 to 749 lb	14.1	17.5	20.7	12.4	14.7	20.2	21.2	48.4	21.9	21.5
750 to 999 lb	14.0	13.6	16.3	10.3	16.0	15.7	15.1	25.6	38.8	34.1
1,000 to 9,999 lb	9.9	8.4	14.1	7.4	9.6	8.3	8.7	22.1	14.9	14.6
10,000 to 49,999 lb	16.9	17.5	20.0	11.3	17.1	20.3	20.1	17.1	14.7	15.8
50,000 to 99,999 lb	35.2	28.5	20.0	21.9	S	41.2	28.8	19.1	19.5	19.4
100,000 lb or more	S	46.7	48.1	17.2	S	49.6	S	S	S	S
SCTG 24, Plastics and rubber	**4.4**	**7.6**	**9.2**	**10.2**	**5.5**	**12.1**	**12.9**	**16.4**	**21.2**	**19.2**
Less than 50 lb	11.2	9.5	20.6	11.3	16.2	11.3	10.8	14.3	18.9	18.0
50 to 99 lb	7.6	9.4	16.7	14.5	10.5	11.5	9.9	18.3	26.7	29.1
100 to 499 lb	8.4	8.7	12.4	10.7	8.8	12.3	11.0	12.7	10.3	10.5
500 to 749 lb	11.7	12.7	16.1	12.3	18.6	19.4	23.6	9.8	15.4	18.6
750 to 999 lb	10.8	12.6	12.7	12.0	9.8	14.1	15.7	24.7	24.9	24.5
1,000 to 9,999 lb	7.6	8.6	11.2	10.5	8.0	11.5	13.7	23.1	25.3	23.6
10,000 to 49,999 lb	10.3	10.3	9.8	9.2	14.3	14.8	18.0	36.1	30.3	26.3
50,000 to 99,999 lb	44.1	47.9	23.8	S	S	S	47.3	43.5	S	S
100,000 lb or more	39.5	32.3	S	44.7	S	S	40.3	S	S	S
SCTG 25, Logs and other wood in the rough	**8.7**	**20.0**	**15.4**	**15.4**	**11.2**	**25.7**	**14.3**	**16.4**	**19.4**	**19.2**
Less than 50 lb	S	47.8	S	27.6	S	S	S	–	–	–
50 to 99 lb	S	S	S	S	S	S	S	–	–	–
100 to 499 lb	46.3	S	S	47.7	S	S	S	S	S	S
500 to 749 lb	S	S	S	32.9	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	33.1	37.3	22.4	37.4	33.9	44.1	41.7	39.4	34.7	36.1
10,000 to 49,999 lb	14.2	25.5	21.9	32.7	21.9	30.4	40.0	35.5	35.5	38.1
50,000 to 99,999 lb	11.8	27.1	14.7	17.6	14.1	34.2	18.4	20.5	21.9	22.2
100,000 lb or more	33.6	34.1	46.6	S	45.3	39.8	43.7	44.6	44.4	41.0
SCTG 26, Wood products	**4.8**	**11.0**	**6.1**	**7.8**	**7.7**	**22.5**	**19.4**	**8.5**	**21.4**	**22.0**
Less than 50 lb	17.3	11.9	21.6	10.3	18.6	13.4	16.4	38.1	29.3	30.9
50 to 99 lb	15.6	13.0	15.2	14.4	23.0	13.8	11.0	33.7	33.6	34.2
100 to 499 lb	14.3	12.9	36.0	16.6	12.2	12.6	12.7	21.5	22.9	23.9
500 to 749 lb	17.1	15.3	S	21.8	18.8	15.7	17.2	25.9	25.6	25.5
750 to 999 lb	13.7	12.1	22.9	17.8	16.3	12.0	12.3	31.3	30.0	31.5
1,000 to 9,999 lb	9.1	8.2	10.1	8.2	10.3	11.2	6.4	15.5	11.4	11.4
10,000 to 49,999 lb	5.1	9.9	8.6	8.1	9.1	14.1	16.1	11.9	17.8	16.5
50,000 to 99,999 lb	9.4	13.8	7.4	9.2	15.7	21.5	22.7	13.2	25.1	21.9
100,000 lb or more	9.0	25.4	8.4	5.4	43.1	S	S	40.9	S	S
SCTG 27, Pulp, newsprint, paper, and paperboard	**6.3**	**6.9**	**8.4**	**18.1**	**11.1**	**8.0**	**9.7**	**10.5**	**13.4**	**12.5**
Less than 50 lb	24.2	12.7	25.9	28.2	27.4	14.2	18.2	33.6	18.5	17.5
50 to 99 lb	20.2	19.0	21.0	19.5	23.7	21.9	28.3	32.7	24.2	24.7
100 to 499 lb	20.1	23.7	14.4	15.6	25.4	29.7	36.8	19.6	17.2	16.5
500 to 749 lb	21.6	23.2	18.0	35.6	27.1	27.9	36.1	31.0	27.5	30.7
750 to 999 lb	14.8	16.9	38.0	22.5	19.8	21.2	16.4	24.9	25.8	25.9
1,000 to 9,999 lb	12.9	8.6	24.9	16.5	17.5	8.9	9.3	15.2	13.1	14.0
10,000 to 49,999 lb	7.3	7.7	8.2	6.6	12.1	13.2	14.3	19.0	19.6	18.7
50,000 to 99,999 lb	14.5	12.2	12.2	29.6	34.8	25.0	25.5	24.7	24.8	24.0
100,000 lb or more	13.4	13.5	12.3	6.4	27.4	24.3	26.9	28.9	24.4	24.0
SCTG 28, Paper or paperboard articles	**5.2**	**23.5**	**10.8**	**14.2**	**8.4**	**37.8**	**44.1**	**12.1**	**10.3**	**10.4**
Less than 50 lb	22.9	10.8	25.5	12.4	14.4	11.1	12.8	25.7	13.2	13.9
50 to 99 lb	10.3	12.2	25.5	17.2	9.8	13.7	14.2	21.5	19.3	19.4
100 to 499 lb	9.6	10.9	16.7	17.1	12.9	14.2	14.5	17.1	17.6	17.6
500 to 749 lb	12.2	17.9	18.9	28.9	14.3	22.1	23.9	30.4	30.5	30.7
750 to 999 lb	13.0	16.1	40.6	20.3	14.6	16.0	23.7	35.7	38.8	38.5
1,000 to 9,999 lb	9.2	9.2	12.0	12.8	11.3	13.0	13.4	23.6	16.8	17.2
10,000 to 49,999 lb	8.4	34.5	14.0	15.3	18.0	S	S	13.4	13.8	13.0
50,000 to 99,999 lb	18.3	24.0	36.9	17.5	20.3	26.8	32.1	35.0	S	S
100,000 lb or more	27.4	27.4	39.3	32.6	36.1	40.1	30.3	S	S	S

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles			50 to 99 miles		
	Value	Tons	Ton-miles	Average miles per shipment	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 29, Printed products	**4.0**	**9.0**	**18.4**	**13.6**	**5.2**	**10.1**	**11.7**	**17.7**	**12.1**	**11.7**
Less than 50 lb	10.1	9.5	13.2	15.3	11.7	10.1	16.0	45.6	43.7	43.9
50 to 99 lb	8.4	10.6	17.2	20.0	9.8	13.5	15.4	29.3	27.9	28.4
100 to 499 lb	8.2	8.4	22.0	13.6	8.4	9.2	15.1	15.1	18.1	16.9
500 to 749 lb	12.1	19.2	31.6	15.0	22.2	23.2	47.4	26.7	46.5	46.6
750 to 999 lb	11.5	16.1	36.6	16.7	18.4	18.8	25.5	33.5	31.6	29.0
1,000 to 9,999 lb	6.7	11.4	41.9	16.1	8.9	10.8	13.3	14.5	19.4	20.4
10,000 to 49,999 lb	7.8	12.1	12.7	20.0	12.8	15.6	15.2	20.9	22.9	21.0
50,000 to 99,999 lb	33.2	35.1	35.9	S	38.9	38.6	39.9	S	S	S
100,000 lb or more	38.5	S	S	S	43.7	S	S	S	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**10.2**	**10.1**	**9.3**	**3.8**	**12.2**	**12.3**	**16.0**	**13.1**	**24.8**	**26.0**
Less than 50 lb	20.3	13.8	17.0	2.8	14.7	15.2	11.9	16.0	12.8	13.5
50 to 99 lb	12.3	16.2	26.5	6.0	19.4	12.4	14.1	20.3	11.9	12.8
100 to 499 lb	8.9	8.8	11.5	9.4	17.1	18.1	17.2	17.1	15.8	14.9
500 to 749 lb	11.8	8.9	17.9	13.7	17.3	17.9	23.6	25.3	24.2	24.5
750 to 999 lb	11.6	19.0	15.7	18.1	24.7	32.9	42.7	S	35.3	36.0
1,000 to 9,999 lb	14.1	8.0	15.8	13.7	18.0	14.5	20.0	15.7	20.3	19.5
10,000 to 49,999 lb	34.0	19.9	19.9	14.0	28.4	20.5	26.5	32.3	40.0	38.4
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	21.3	S	S	S	–	–	–
SCTG 31, Nonmetallic mineral products	**5.2**	**7.4**	**8.3**	**15.1**	**7.5**	**9.3**	**10.1**	**9.4**	**12.2**	**12.7**
Less than 50 lb	19.5	18.2	30.4	16.3	33.6	22.8	24.2	32.0	30.5	26.9
50 to 99 lb	21.9	16.4	42.2	13.9	15.1	14.2	18.6	17.5	18.3	16.2
100 to 499 lb	14.7	14.0	25.6	14.8	16.5	13.8	12.9	20.5	24.3	23.4
500 to 749 lb	19.1	12.0	28.2	28.5	17.9	14.1	16.2	27.5	21.9	23.3
750 to 999 lb	17.0	12.4	16.7	13.6	20.3	11.6	14.1	29.3	34.3	36.2
1,000 to 9,999 lb	14.7	12.7	19.6	13.0	16.8	13.8	17.0	21.9	18.8	18.4
10,000 to 49,999 lb	6.3	8.9	7.9	9.4	9.2	10.0	10.6	14.2	16.6	15.5
50,000 to 99,999 lb	6.3	6.9	9.6	4.9	9.6	9.7	7.7	11.0	11.8	11.5
100,000 lb or more	8.2	17.0	18.0	21.5	18.6	29.0	37.1	S	S	S
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**6.9**	**9.8**	**9.9**	**14.9**	**7.5**	**15.5**	**16.0**	**26.2**	**28.6**	**32.3**
Less than 50 lb	26.6	22.0	S	13.4	15.1	14.6	13.4	23.3	20.8	21.0
50 to 99 lb	17.0	12.7	29.6	16.8	16.5	13.6	15.7	26.8	18.7	19.5
100 to 499 lb	12.4	8.2	18.6	19.0	11.4	9.5	12.0	22.7	12.3	11.7
500 to 749 lb	15.0	8.8	22.0	20.4	17.2	10.5	13.2	26.9	16.9	17.0
750 to 999 lb	12.2	8.4	17.8	11.9	12.7	9.7	10.1	23.9	21.9	22.0
1,000 to 9,999 lb	13.1	6.5	12.9	11.5	9.2	9.2	11.8	13.7	12.2	12.4
10,000 to 49,999 lb	10.1	10.0	14.2	12.0	14.1	12.9	15.5	30.0	27.0	30.3
50,000 to 99,999 lb	22.7	16.5	15.0	17.4	20.2	21.5	20.3	S	S	S
100,000 lb or more	17.8	24.5	12.2	7.1	43.7	S	S	S	S	S
SCTG 33, Articles of base metal	**7.4**	**10.8**	**12.3**	**11.4**	**9.1**	**12.1**	**12.7**	**9.1**	**12.7**	**11.9**
Less than 50 lb	12.3	10.8	16.7	13.4	20.3	16.5	21.1	17.8	17.3	16.1
50 to 99 lb	12.9	12.0	16.9	11.4	22.9	16.9	19.7	26.0	17.1	17.3
100 to 499 lb	9.1	12.0	15.4	8.7	11.0	13.5	14.7	17.2	18.8	17.3
500 to 749 lb	11.9	13.6	18.8	15.7	12.4	15.9	18.5	29.8	22.9	22.2
750 to 999 lb	12.7	13.2	12.4	13.6	13.7	17.3	22.3	18.6	19.9	21.1
1,000 to 9,999 lb	9.1	10.7	16.5	6.8	13.4	12.6	13.6	14.0	11.5	10.9
10,000 to 49,999 lb	11.4	12.0	16.6	9.5	13.2	15.2	15.8	17.0	16.4	15.3
50,000 to 99,999 lb	24.8	23.6	38.9	13.4	26.2	29.1	31.5	49.1	S	50.0
100,000 lb or more	20.6	21.9	33.4	21.0	37.7	29.6	31.1	S	S	S
SCTG 34, Machinery	**6.0**	**13.8**	**24.6**	**8.5**	**6.5**	**12.9**	**23.4**	**9.6**	**12.8**	**18.2**
Less than 50 lb	9.2	9.9	19.3	9.2	12.2	11.9	12.6	20.2	11.7	11.7
50 to 99 lb	14.5	13.4	20.4	13.4	26.3	20.7	20.5	20.8	15.7	13.4
100 to 499 lb	11.4	14.4	21.6	11.8	13.2	19.4	21.3	12.6	10.7	10.1
500 to 749 lb	11.0	10.9	15.6	11.0	13.7	15.8	27.8	34.3	28.3	27.8
750 to 999 lb	15.0	8.5	11.4	12.7	23.2	16.0	23.9	31.1	22.9	23.4
1,000 to 9,999 lb	12.1	8.4	11.5	6.2	13.6	13.6	11.8	21.7	15.9	16.7
10,000 to 49,999 lb	10.7	7.6	13.0	9.9	19.1	17.8	28.4	37.3	44.8	S
50,000 to 99,999 lb	37.0	26.1	41.4	20.9	S	34.3	30.4	S	S	S
100,000 lb or more	45.7	S	S	20.2	43.6	S	S	S	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**8.0**	**13.3**	**25.6**	**5.7**	**7.1**	**7.3**	**9.0**	**22.3**	**18.0**	**17.0**
Less than 50 lb	7.5	8.5	14.4	5.7	7.1	9.8	7.1	14.1	11.4	10.5
50 to 99 lb	7.8	11.8	13.9	10.8	13.4	19.0	15.9	23.5	16.1	16.1
100 to 499 lb	7.9	7.4	11.1	8.3	9.9	11.1	9.7	39.6	17.0	17.2
500 to 749 lb	13.4	10.6	17.9	8.6	17.4	11.8	11.4	23.3	26.4	25.9
750 to 999 lb	15.2	16.2	23.6	13.4	22.7	26.9	19.3	S	37.8	36.7
1,000 to 9,999 lb	19.1	24.9	45.8	9.3	11.7	9.6	10.6	S	31.6	32.6
10,000 to 49,999 lb	19.0	12.9	13.7	10.1	29.7	21.3	26.1	43.4	40.4	33.0
50,000 to 99,999 lb	S	33.3	34.8	25.0	S	S	S	S	S	S
100,000 lb or more	31.2	S	29.0	S	46.5	S	S	–	–	–

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles			50 to 99 miles		
	Value	Tons	Ton-miles	Average miles per shipment	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 36, Motorized and other vehicles (including parts)	**9.1**	**12.8**	**16.1**	**9.4**	**15.2**	**15.7**	**14.0**	**9.2**	**12.1**	**13.3**
Less than 50 lb	7.4	6.8	8.9	11.6	9.9	10.7	8.7	13.3	16.5	18.6
50 to 99 lb	9.1	10.0	16.4	12.5	13.2	15.3	18.4	13.8	13.0	13.8
100 to 499 lb	12.9	13.5	11.1	10.8	13.9	17.5	24.8	15.8	14.1	14.3
500 to 749 lb	19.7	15.8	18.5	13.4	22.2	16.5	22.9	31.1	33.7	32.4
750 to 999 lb	24.9	12.4	17.6	15.7	27.4	21.9	16.7	31.9	31.5	31.9
1,000 to 9,999 lb	11.3	8.8	13.3	11.0	17.3	16.0	19.3	15.4	23.7	26.3
10,000 to 49,999 lb	16.9	22.7	23.3	8.1	20.2	23.7	25.1	23.6	20.0	22.7
50,000 to 99,999 lb	33.5	40.4	41.7	26.8	34.4	27.1	37.6	S	S	S
100,000 lb or more	S	43.6	S	23.1	S	S	S	S	S	S
SCTG 37, Transportation equipment, n.e.c.	**22.1**	**22.0**	**18.3**	**10.8**	**49.4**	**31.2**	**45.9**	**21.8**	**29.1**	**36.5**
Less than 50 lb	16.2	19.5	20.9	11.0	13.4	26.8	27.9	31.8	18.6	17.9
50 to 99 lb	47.2	19.6	20.1	12.2	19.1	29.8	30.8	S	44.1	43.4
100 to 499 lb	18.9	26.9	41.0	12.1	24.1	42.3	39.2	40.1	40.7	37.3
500 to 749 lb	38.6	28.0	40.6	17.1	S	39.6	38.3	S	S	S
750 to 999 lb	27.1	41.1	S	14.3	S	S	S	S	S	S
1,000 to 9,999 lb	39.7	17.3	24.0	14.9	34.2	26.1	37.4	33.0	47.3	S
10,000 to 49,999 lb	47.5	30.0	24.0	19.2	33.3	40.5	S	S	S	S
50,000 to 99,999 lb	42.6	43.9	38.2	S	S	S	S	–	–	–
100,000 lb or more	39.1	37.6	45.3	33.0	S	41.3	S	–	–	–
SCTG 38, Precision instruments and apparatus	**9.3**	**13.9**	**14.7**	**4.4**	**14.7**	**24.4**	**31.1**	**19.1**	**32.7**	**30.7**
Less than 50 lb	9.4	9.7	11.9	4.4	11.6	14.0	12.2	20.1	16.0	16.9
50 to 99 lb	17.5	15.2	16.1	8.2	22.9	22.2	26.5	S	32.8	30.9
100 to 499 lb	13.6	13.1	16.6	8.9	25.7	20.5	24.4	35.7	32.1	32.2
500 to 749 lb	16.2	19.2	23.3	13.2	31.6	36.2	38.4	41.1	S	S
750 to 999 lb	18.0	19.0	33.6	14.0	36.0	31.6	37.7	S	S	S
1,000 to 9,999 lb	19.2	25.3	24.9	15.0	34.1	38.0	44.6	S	S	S
10,000 to 49,999 lb	21.6	26.4	39.8	16.4	47.8	36.5	41.0	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–	–
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**11.9**	**11.8**	**14.3**	**11.1**	**16.6**	**16.7**	**17.1**	**12.5**	**16.1**	**15.6**
Less than 50 lb	16.5	15.5	28.4	12.3	22.0	19.3	24.2	37.0	33.0	36.4
50 to 99 lb	24.6	17.5	41.6	14.2	18.5	15.6	19.8	48.1	37.1	34.2
100 to 499 lb	20.4	18.3	15.2	14.4	30.2	28.2	31.7	21.1	17.6	18.1
500 to 749 lb	19.3	21.8	13.1	16.1	30.6	35.1	40.9	28.6	22.4	21.8
750 to 999 lb	19.0	19.3	15.0	13.4	25.6	23.8	22.8	35.4	33.9	32.2
1,000 to 9,999 lb	13.2	11.0	12.4	7.9	17.8	14.4	11.8	14.5	15.6	16.7
10,000 to 49,999 lb	11.7	18.0	20.7	8.3	25.5	39.5	46.7	27.9	39.6	39.2
50,000 to 99,999 lb	S	S	S	19.7	S	S	S	S	S	S
100,000 lb or more	S	46.0	S	20.8	S	S	S	–	–	–
SCTG 40, Miscellaneous manufactured products	**23.2**	**20.9**	**36.2**	**5.0**	**18.4**	**12.7**	**15.3**	**S**	**42.1**	**38.5**
Less than 50 lb	12.2	12.6	16.4	4.8	12.4	11.4	13.4	26.1	12.7	12.5
50 to 99 lb	13.2	17.7	24.4	7.1	12.1	12.1	11.3	21.2	11.7	11.5
100 to 499 lb	11.0	10.3	9.3	8.9	13.3	16.7	20.8	16.5	28.5	27.7
500 to 749 lb	15.6	17.0	32.1	10.1	15.8	22.4	24.5	19.8	36.5	36.9
750 to 999 lb	12.3	9.5	9.6	9.9	17.3	19.2	20.2	18.5	21.8	19.7
1,000 to 9,999 lb	22.4	35.6	S	8.8	33.9	20.7	23.3	20.0	46.6	38.4
10,000 to 49,999 lb	S	30.9	31.7	15.2	49.7	18.7	18.4	S	S	S
50,000 to 99,999 lb	S	S	S	15.4	S	S	S	S	S	S
100,000 lb or more	28.5	45.0	34.3	40.7	32.1	S	S	S	S	S
SCTG 41, Waste and scrap	**11.9**	**15.0**	**18.7**	**23.6**	**17.5**	**19.6**	**20.1**	**21.9**	**37.2**	**37.2**
Less than 50 lb	S	S	46.5	S	S	S	S	S	S	S
50 to 99 lb	S	49.2	43.2	26.2	S	49.2	43.2	–	–	–
100 to 499 lb	33.7	36.5	48.3	45.0	38.8	39.8	S	–	–	–
500 to 749 lb	S	S	S	21.3	S	S	S	–	–	–
750 to 999 lb	S	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	36.3	46.6	S	S	37.8	S	31.5	S	S	S
10,000 to 49,999 lb	12.3	17.5	17.2	23.6	19.9	24.5	28.0	33.9	22.7	23.0
50,000 to 99,999 lb	22.2	28.8	21.6	21.7	39.3	41.7	26.7	S	S	S
100,000 lb or more	23.0	23.4	28.4	23.8	45.3	37.4	45.1	S	S	S
SCTG 43, Mixed freight	**26.0**	**32.3**	**32.3**	**16.7**	**23.9**	**30.1**	**32.3**	**31.7**	**39.3**	**38.5**
Less than 50 lb	18.1	15.2	29.3	15.2	16.5	13.1	12.8	22.9	17.9	18.1
50 to 99 lb	21.3	15.4	36.4	24.7	26.0	17.9	17.0	23.1	19.5	17.9
100 to 499 lb	22.1	18.5	15.5	38.8	30.1	24.6	14.1	18.2	19.9	19.8
500 to 749 lb	12.8	12.8	20.2	46.5	16.0	15.6	18.6	18.1	17.4	19.5
750 to 999 lb	19.3	14.5	16.5	13.1	21.5	18.5	18.0	24.3	25.3	25.1
1,000 to 9,999 lb	25.6	9.5	12.4	7.9	29.0	11.7	12.4	26.1	15.0	15.7
10,000 to 49,999 lb	39.8	41.1	39.8	24.8	39.2	40.4	41.3	44.1	45.8	45.3
50,000 to 99,999 lb	S	S	S	16.3	S	S	S	S	S	S
100,000 lb or more	S	S	S	41.4	S	S	S	–	–	–

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	Total, all mileages				Less than 50 miles			50 to 99 miles		
	Value	Tons	Ton-miles	Average miles per shipment	Value	Tons	Ton-miles	Value	Tons	Ton-miles
Commodity unknown	**18.5**	**34.0**	**24.7**	**15.2**	**34.7**	**43.6**	**S**	**S**	**S**	**S**
Less than 50 lb	17.8	24.1	21.4	17.4	38.4	33.7	39.6	42.8	41.8	41.4
50 to 99 lb	27.2	27.3	31.0	32.0	39.1	33.8	34.8	33.9	32.4	34.1
100 to 499 lb	46.4	42.2	21.7	43.8	S	34.2	43.1	48.3	S	S
500 to 749 lb	38.1	30.7	33.0	44.3	S	28.0	29.6	S	S	S
750 to 999 lb	30.1	23.5	28.2	26.2	35.4	28.5	32.3	S	S	S
1,000 to 9,999 lb	27.8	20.6	32.5	14.6	S	28.9	26.2	S	42.4	45.8
10,000 to 49,999 lb	28.7	33.7	29.5	29.7	32.7	42.7	46.7	27.5	25.6	26.2
50,000 to 99,999 lb	49.0	S	41.0	S	38.9	S	S	S	S	S
100,000 lb or more	S	S	41.0	22.6	S	S	S	S	S	S

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	100 to 249 miles			250 to 499 miles			500 to 749 miles			750 to 999 miles		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
All commodities	**6.9**	**5.8**	**5.6**	**6.3**	**6.7**	**5.4**	**3.7**	**10.7**	**11.3**	**5.6**	**16.2**	**15.7**
Less than 50 lb	4.3	8.4	8.2	5.3	5.3	5.6	4.4	6.0	6.2	9.1	6.0	6.0
50 to 99 lb	15.9	10.2	8.5	10.4	6.7	6.4	9.6	8.9	8.9	14.8	12.5	12.8
100 to 499 lb	5.1	5.5	5.4	12.3	6.4	5.9	12.8	7.9	8.0	11.4	11.1	11.8
500 to 749 lb	15.8	6.8	6.7	16.6	8.8	8.2	14.0	12.0	11.7	13.2	12.8	12.8
750 to 999 lb	11.8	7.1	7.3	19.5	7.3	7.3	21.9	11.6	11.5	16.4	14.5	14.7
1,000 to 9,999 lb	10.2	4.6	4.3	7.4	5.4	5.3	9.3	8.1	7.8	7.4	7.6	7.4
10,000 to 49,999 lb	18.8	7.3	7.5	10.3	4.9	5.1	4.9	4.4	4.4	7.6	9.3	9.3
50,000 to 99,999 lb	14.4	6.1	6.2	16.6	10.0	9.6	15.7	19.0	17.6	42.6	14.8	14.6
100,000 lb or more	14.0	13.4	12.8	15.3	10.0	7.6	10.2	12.9	13.1	32.1	18.4	17.6
SCTG 01, Live animals and live fish	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	S	S	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S	S	S	S	S	S
500 to 749 lb	–	–	–	–	–	–	–	–	–	S	S	S
750 to 999 lb	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	–	–	–	S	S	S	–	–	–	–	–	–
10,000 to 49,999 lb	–	–	–	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	S	S	S	–	–	–	–	–	–
SCTG 02, Cereal grains	**20.5**	**19.5**	**21.5**	**34.9**	**38.1**	**32.4**	**30.0**	**29.5**	**30.5**	**31.8**	**33.8**	**34.0**
Less than 50 lb	S	S	S	S	S	S	–	–	–	S	S	S
50 to 99 lb	S	S	S	S	S	S	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S	–	–	–
750 to 999 lb	S	S	S	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	47.7	44.3	45.4	S	48.6	47.9	S	S	S	S	S	S
10,000 to 49,999 lb	39.1	36.0	38.2	46.7	49.6	S	35.2	30.9	29.6	S	S	S
50,000 to 99,999 lb	30.9	30.5	35.2	45.6	S	S	35.2	32.4	32.4	46.8	45.3	45.5
100,000 lb or more	28.6	28.6	29.7	40.9	43.1	35.4	31.3	30.4	31.2	36.1	35.6	35.6
SCTG 03, Other agricultural products	**12.0**	**13.5**	**13.7**	**12.6**	**22.7**	**24.9**	**15.7**	**22.3**	**22.6**	**16.3**	**22.8**	**21.5**
Less than 50 lb	S	S	S	39.8	27.8	27.9	36.6	45.8	44.2	49.2	S	S
50 to 99 lb	32.8	44.0	39.8	S	S	S	S	S	S	S	S	S
100 to 499 lb	47.1	S	S	43.2	23.3	22.2	S	S	S	47.5	40.0	39.1
500 to 749 lb	31.4	36.6	35.0	S	30.5	30.5	44.0	S	S	S	S	S
750 to 999 lb	26.7	30.6	33.8	34.6	41.9	39.5	S	S	S	46.7	S	S
1,000 to 9,999 lb	18.4	21.0	21.9	21.3	36.0	35.8	27.9	46.3	46.3	26.9	40.8	38.8
10,000 to 49,999 lb	18.1	19.1	20.3	16.2	24.8	27.5	14.2	25.9	26.6	19.9	22.9	22.0
50,000 to 99,999 lb	29.9	27.5	30.8	32.2	42.7	41.7	S	S	S	S	S	S
100,000 lb or more	27.7	25.8	28.6	42.4	47.9	43.7	S	S	48.9	S	S	S
SCTG 04, Animal feed and products of animal origin, n.e.c.	**15.6**	**25.7**	**26.3**	**20.4**	**25.5**	**23.4**	**26.7**	**22.8**	**21.6**	**18.8**	**26.2**	**25.0**
Less than 50 lb	S	48.5	48.1	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S	S	S	S
100 to 499 lb	29.9	32.3	33.7	S	S	S	S	S	S	S	S	S
500 to 749 lb	S	S	48.6	S	S	S	40.8	S	S	S	S	S
750 to 999 lb	S	49.5	38.8	S	S	S	39.3	32.8	32.5	S	S	S
1,000 to 9,999 lb	31.2	27.0	28.5	25.2	34.6	32.4	41.3	47.2	47.6	38.9	S	S
10,000 to 49,999 lb	22.1	34.8	33.9	19.7	24.1	21.6	34.0	34.6	33.2	27.6	32.8	32.5
50,000 to 99,999 lb	23.5	27.9	30.6	31.4	S	48.2	S	S	S	S	S	S
100,000 lb or more	25.4	25.6	25.4	42.3	S	S	37.9	40.9	41.1	31.1	29.2	28.3
SCTG 05, Meat, fish, seafood, and their preparations	**14.3**	**13.8**	**13.5**	**15.5**	**15.0**	**14.7**	**13.5**	**11.9**	**12.4**	**16.0**	**16.3**	**16.8**
Less than 50 lb	35.5	35.8	32.1	S	42.1	47.1	S	S	S	S	S	S
50 to 99 lb	27.9	31.6	29.9	43.0	40.4	39.2	S	S	S	S	S	S
100 to 499 lb	16.1	14.5	14.8	20.5	21.4	21.8	34.2	26.6	26.8	43.4	43.5	43.2
500 to 749 lb	23.4	25.5	22.6	31.0	32.5	31.9	24.9	29.8	28.2	S	44.1	44.5
750 to 999 lb	14.2	15.4	14.8	32.9	37.5	37.3	46.0	35.5	36.6	42.6	46.8	47.9
1,000 to 9,999 lb	17.9	13.9	13.5	14.8	14.1	13.3	18.7	17.6	17.7	22.8	24.2	23.4
10,000 to 49,999 lb	27.7	27.2	26.9	20.9	19.8	18.7	16.5	12.7	13.4	15.9	14.0	15.2
50,000 to 99,999 lb	–	–	–	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S	S	S	S
SCTG 06, Milled grain products and preparations, and bakery products	**22.1**	**24.7**	**22.6**	**15.0**	**21.4**	**20.0**	**22.4**	**21.1**	**20.9**	**21.2**	**29.3**	**30.4**
Less than 50 lb	28.9	22.2	24.0	48.1	46.9	47.2	S	S	S	S	S	S
50 to 99 lb	46.9	S	S	47.1	38.3	40.6	S	S	S	S	S	S
100 to 499 lb	26.9	28.9	26.2	S	41.9	41.7	50.0	S	S	45.6	46.6	48.3
500 to 749 lb	45.5	43.4	44.0	32.5	35.8	32.8	S	48.2	42.5	S	S	S
750 to 999 lb	28.0	35.5	41.6	37.4	44.7	44.4	S	S	S	48.6	46.9	45.7
1,000 to 9,999 lb	16.4	20.4	20.9	24.2	23.2	24.0	32.2	31.4	32.0	37.7	48.5	47.8
10,000 to 49,999 lb	28.6	33.1	30.2	15.2	15.2	14.2	23.5	24.2	24.1	23.7	29.1	30.4
50,000 to 99,999 lb	29.7	39.5	39.2	S	33.1	34.3	S	44.1	44.3	S	S	S
100,000 lb or more	47.2	S	S	S	S	S	37.4	42.6	42.7	S	S	S

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	100 to 249 miles			250 to 499 miles			500 to 749 miles			750 to 999 miles		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 07, Other prepared foodstuffs and fats and oils	**7.2**	**14.5**	**15.3**	**8.0**	**11.1**	**11.0**	**7.7**	**9.1**	**9.1**	**13.9**	**12.8**	**12.8**
Less than 50 lb	22.5	22.8	24.4	45.1	40.7	41.0	42.8	37.7	39.5	37.2	37.2	36.8
50 to 99 lb	33.5	18.7	18.5	S	39.6	38.9	44.6	39.6	40.5	S	S	S
100 to 499 lb	20.3	17.4	17.2	26.0	23.6	21.8	39.0	42.6	40.5	48.7	48.0	48.3
500 to 749 lb	23.5	27.8	26.3	32.2	30.6	31.2	37.6	27.9	28.8	S	45.8	45.5
750 to 999 lb	20.7	29.9	28.8	27.2	S	48.9	S	44.3	45.2	33.9	33.5	31.8
1,000 to 9,999 lb	12.7	18.5	18.0	14.4	12.8	12.8	15.7	14.6	14.7	22.2	29.4	30.5
10,000 to 49,999 lb	11.8	15.9	17.9	10.4	10.6	10.3	8.9	9.5	9.6	17.9	12.4	12.4
50,000 to 99,999 lb	33.5	46.0	45.5	31.1	24.7	27.2	35.7	29.0	31.7	49.3	S	48.6
100,000 lb or more	43.7	45.4	S	42.0	46.4	37.6	35.8	32.6	30.3	42.9	36.5	36.6
SCTG 08, Alcoholic beverages	**34.4**	**23.2**	**22.4**	**22.5**	**23.6**	**22.8**	**20.2**	**28.9**	**34.7**	**21.7**	**31.5**	**33.3**
Less than 50 lb	S	S	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	36.3	28.4	25.9	S	S	S	S	S	S	S	S	S
100 to 499 lb	24.5	29.1	23.4	41.9	37.6	37.7	S	S	S	S	S	S
500 to 749 lb	31.2	31.4	27.4	47.6	47.8	49.5	49.5	47.7	47.9	S	S	S
750 to 999 lb	43.0	34.4	31.9	S	48.5	47.6	S	S	S	S	S	S
1,000 to 9,999 lb	26.2	24.9	25.5	36.1	32.4	34.1	S	S	S	40.5	29.5	28.1
10,000 to 49,999 lb	44.7	27.5	27.1	27.4	28.9	28.5	25.6	24.8	25.1	23.2	24.7	24.7
50,000 to 99,999 lb	S	45.3	45.7	49.2	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	35.3	30.2	29.1	36.3	42.6	48.0	37.0	43.4	44.4
SCTG 09, Tobacco products	**30.8**	**27.7**	**30.2**	**33.9**	**46.4**	**45.7**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	39.6	35.3	33.7	S	S	S	S	S	S	S	S	S
50 to 99 lb	30.7	21.9	22.7	S	44.2	42.9	S	S	S	S	S	S
100 to 499 lb	29.4	27.1	27.7	49.0	33.9	33.6	S	S	S	–	–	–
500 to 749 lb	S	49.1	S	S	46.0	49.7	–	–	–	–	–	–
750 to 999 lb	S	S	47.7	41.2	47.1	47.9	–	–	–	–	–	–
1,000 to 9,999 lb	47.1	35.8	36.4	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	–	–	–	–	–	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–	–	–	–
SCTG 10, Monumental or building stone	**S**	**46.7**	**44.6**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	S	S	–	–	–	–	–	–	–	–	–
50 to 99 lb	S	S	S	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S	S	S	–	–	–
500 to 749 lb	–	–	–	S	S	S	–	–	–	S	S	S
750 to 999 lb	S	S	S	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S	–	–	–
10,000 to 49,999 lb	46.3	36.7	37.0	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–	–	–	–
SCTG 11, Natural sands	**20.9**	**31.7**	**29.7**	**S**	**28.4**	**29.0**	**S**	**34.2**	**38.9**	**S**	**S**	**S**
Less than 50 lb	S	S	S	–	–	–	–	–	–	–	–	–
50 to 99 lb	S	S	S	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S	S	S	–	–	–
500 to 749 lb	S	S	S	S	S	S	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	S	S	S	–	–	–
1,000 to 9,999 lb	S	46.7	S	S	47.1	S	S	S	S	S	S	S
10,000 to 49,999 lb	34.8	S	S	S	34.5	33.6	S	S	S	S	S	S
50,000 to 99,999 lb	24.6	26.3	29.4	27.1	32.9	32.5	S	S	S	S	S	S
100,000 lb or more	38.3	37.9	39.1	37.2	37.2	37.4	S	S	S	S	S	S
SCTG 12, Gravel and crushed stone	**27.4**	**42.2**	**40.7**	**40.1**	**40.4**	**42.6**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–	S	S	S
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	–	–	–	–	–	–
10,000 to 49,999 lb	39.7	S	S	S	40.6	40.5	S	S	S	S	S	S
50,000 to 99,999 lb	29.8	30.6	35.7	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	–	–	–	–	–	–
SCTG 13, Nonmetallic minerals n.e.c.	**18.4**	**25.2**	**25.8**	**26.7**	**25.7**	**24.4**	**31.3**	**35.6**	**32.1**	**32.9**	**23.9**	**23.4**
Less than 50 lb	S	S	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	47.0	48.9	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S	47.1	49.0	49.5
500 to 749 lb	S	S	S	S	S	S	S	S	S	–	–	–
750 to 999 lb	S	S	S	S	S	S	–	–	–	S	S	S
1,000 to 9,999 lb	44.4	S	48.0	S	44.1	43.8	S	S	S	S	26.3	27.9
10,000 to 49,999 lb	24.4	25.2	31.1	37.4	37.0	35.6	S	S	S	S	S	48.3
50,000 to 99,999 lb	37.4	29.8	27.0	19.0	18.4	18.4	45.9	S	S	32.4	35.7	37.4
100,000 lb or more	27.4	40.4	39.9	42.3	45.4	44.2	39.3	33.7	34.0	27.6	20.1	21.0

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	100 to 249 miles			250 to 499 miles			500 to 749 miles			750 to 999 miles		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 14, Metallic ores and concentrates	**26.8**	**20.4**	**20.4**	**36.5**	**S**	**S**	**42.9**	**49.6**	**S**	**34.7**	**29.3**	**31.1**
Less than 50 lb	S	S	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S	S	S	S	S	S
500 to 749 lb	–	–	–	S	S	S	–	–	–	–	–	–
750 to 999 lb	S	S	S	S	S	S	–	–	–	S	S	S
1,000 to 9,999 lb	S	S	S	46.0	42.0	44.2	S	S	S	S	S	S
10,000 to 49,999 lb	35.6	30.0	29.4	39.0	S	S	49.4	S	S	41.2	35.1	34.7
50,000 to 99,999 lb	44.8	33.8	31.4	S	S	S	S	S	S	–	–	–
100,000 lb or more	39.7	30.5	30.6	35.1	43.2	40.6	S	S	S	43.7	40.1	40.6
SCTG 15, Coal	**30.4**	**25.3**	**23.2**	**16.8**	**13.0**	**13.0**	**16.4**	**15.3**	**15.7**	**16.1**	**20.7**	**19.9**
Less than 50 lb	–	–	–	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S	–	–	–
10,000 to 49,999 lb	45.4	46.2	47.7	S	S	S	S	S	S	–	–	–
50,000 to 99,999 lb	46.0	S	S	S	S	S	–	–	–	–	–	–
100,000 lb or more	31.8	26.4	23.1	17.1	13.3	13.1	15.6	15.3	15.7	16.1	20.7	19.9
SCTG 17, Gasoline and aviation turbine fuel	**17.2**	**21.2**	**19.2**	**26.2**	**28.0**	**22.8**	**48.0**	**S**	**48.1**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	S	S	S	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–	S	S	S
100 to 499 lb	S	S	S	–	–	–	–	–	–	–	–	–
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	S	S	S	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S	43.4	44.5	47.9
10,000 to 49,999 lb	43.3	39.8	35.3	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	24.7	25.1	24.9	34.3	32.1	32.1	S	S	S	–	–	–
100,000 lb or more	30.3	35.9	33.5	37.4	39.9	32.0	S	S	S	–	–	–
SCTG 18, Fuel oils	**22.6**	**21.2**	**22.9**	**33.9**	**42.5**	**39.4**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	49.6	S	S	S	S	S	–	–	–	–	–	–
50 to 99 lb	S	S	S	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	–	–	–	–	–	–
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	S	S	S	S	S	S	–	–	–	–	–	–
1,000 to 9,999 lb	S	40.4	40.1	44.0	48.0	48.6	S	S	S	43.1	44.6	45.9
10,000 to 49,999 lb	16.1	22.1	21.2	45.8	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	20.3	18.3	17.8	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	45.3	S	50.0	S	46.1	S	S	S	S	S	S
SCTG 19, Coal and petroleum products, n.e.c.	**16.9**	**20.4**	**20.7**	**S**	**33.8**	**31.5**	**20.3**	**45.5**	**47.8**	**30.4**	**45.3**	**47.6**
Less than 50 lb	49.7	S	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	46.5	45.3	S	S	S	S	S	S	S	S	S
500 to 749 lb	43.4	42.2	47.5	S	S	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S	–	–	–
1,000 to 9,999 lb	21.7	25.8	24.8	45.8	47.6	47.7	S	S	S	S	S	S
10,000 to 49,999 lb	22.6	21.8	23.5	39.5	24.8	27.2	23.2	19.1	19.5	25.5	49.7	49.2
50,000 to 99,999 lb	25.7	26.9	27.4	35.5	34.5	33.2	S	S	S	S	S	S
100,000 lb or more	40.8	38.2	39.4	S	49.9	42.9	27.9	47.1	49.1	44.8	S	S
SCTG 20, Basic chemicals	**12.2**	**19.3**	**22.0**	**14.0**	**23.5**	**22.9**	**12.7**	**28.0**	**28.7**	**30.2**	**30.8**	**30.8**
Less than 50 lb	37.8	38.3	36.2	32.1	37.7	36.6	27.6	26.4	26.8	30.8	47.7	47.8
50 to 99 lb	39.5	33.0	34.9	47.2	S	S	S	S	S	S	S	S
100 to 499 lb	38.4	31.0	32.9	37.7	40.3	42.3	41.8	45.6	48.7	S	30.5	31.0
500 to 749 lb	34.0	42.0	49.9	S	48.1	S	44.2	31.6	30.6	S	46.0	44.1
750 to 999 lb	S	48.5	S	34.3	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	18.3	13.9	14.5	28.7	25.1	25.5	27.3	42.7	44.0	S	28.3	29.1
10,000 to 49,999 lb	19.3	22.2	28.7	20.1	22.7	22.8	26.8	21.6	22.1	S	21.1	21.3
50,000 to 99,999 lb	22.6	30.7	34.8	36.8	32.9	35.0	31.6	35.8	35.8	S	43.3	43.4
100,000 lb or more	29.0	24.5	26.5	26.4	32.6	28.7	31.7	31.0	31.4	26.6	35.4	34.9
SCTG 21, Pharmaceutical products	**13.6**	**22.5**	**21.1**	**12.1**	**21.9**	**20.0**	**24.8**	**39.9**	**34.4**	**27.0**	**33.5**	**31.8**
Less than 50 lb	14.9	15.7	16.4	15.7	19.3	19.4	21.5	22.2	21.6	24.5	21.9	22.4
50 to 99 lb	18.7	18.6	19.9	21.1	34.3	33.6	46.7	38.7	37.5	35.5	30.6	30.6
100 to 499 lb	17.7	16.5	17.1	37.3	23.0	24.2	33.6	S	36.6	47.2	S	45.4
500 to 749 lb	S	36.7	34.3	28.4	33.9	32.5	30.9	32.6	32.3	S	S	S
750 to 999 lb	35.9	34.1	35.9	44.2	42.9	43.1	S	43.4	44.5	S	S	S
1,000 to 9,999 lb	S	S	S	39.9	29.1	28.0	S	S	41.1	S	35.6	35.3
10,000 to 49,999 lb	S	S	S	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	100 to 249 miles			250 to 499 miles			500 to 749 miles			750 to 999 miles		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 22, Fertilizers	**12.7**	**16.6**	**16.2**	**18.5**	**17.2**	**16.8**	**11.7**	**19.0**	**20.6**	**25.9**	**30.9**	**31.6**
Less than 50 lb	S	S	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	38.0	40.0	S	S	S	S	48.9	49.5	S	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	–	–	–	–	–	–
1,000 to 9,999 lb	23.0	27.1	29.5	38.1	32.5	30.2	48.7	S	S	S	S	S
10,000 to 49,999 lb	21.5	33.9	33.6	22.3	27.0	25.0	25.5	15.7	15.2	38.8	48.4	S
50,000 to 99,999 lb	23.8	21.2	22.1	27.3	25.8	25.5	18.3	16.9	16.7	43.2	41.4	43.8
100,000 lb or more	26.5	24.7	26.9	25.8	26.1	26.1	15.1	24.9	25.9	26.2	29.6	30.1
SCTG 23, Chemical products and preparations, n.e.c.	**24.2**	**29.8**	**30.3**	**10.7**	**21.2**	**20.4**	**14.3**	**25.6**	**24.4**	**15.7**	**18.3**	**18.0**
Less than 50 lb	31.0	34.2	36.9	32.8	26.9	27.3	28.7	30.4	29.7	38.6	34.2	34.2
50 to 99 lb	29.2	31.3	30.1	25.5	28.7	30.9	49.7	37.8	36.5	37.2	43.6	45.2
100 to 499 lb	23.7	19.0	17.4	20.2	18.4	18.9	31.4	26.0	25.2	23.2	20.3	21.1
500 to 749 lb	36.1	31.5	32.5	45.2	38.5	37.1	S	29.2	30.2	37.7	47.5	48.2
750 to 999 lb	43.9	40.7	44.9	23.3	31.9	32.9	46.3	44.3	45.2	45.7	43.2	43.3
1,000 to 9,999 lb	38.7	18.6	15.2	19.2	21.3	19.5	30.6	17.5	16.8	26.4	17.5	17.4
10,000 to 49,999 lb	S	45.4	45.5	18.5	27.5	26.7	24.9	31.3	30.0	30.7	24.9	24.4
50,000 to 99,999 lb	28.3	19.5	21.8	32.5	37.1	38.0	S	41.7	41.4	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S	45.6	S	S
SCTG 24, Plastics and rubber	**8.3**	**16.8**	**16.1**	**8.1**	**7.5**	**7.7**	**8.4**	**10.8**	**10.8**	**12.0**	**14.8**	**14.5**
Less than 50 lb	16.1	14.4	14.7	25.1	19.0	19.5	22.7	22.5	22.5	19.8	23.3	22.9
50 to 99 lb	25.0	34.3	33.4	21.4	20.4	22.9	22.8	24.1	24.6	37.7	28.1	27.9
100 to 499 lb	17.9	21.8	17.9	15.7	14.1	13.6	13.2	9.9	10.7	28.7	24.6	25.5
500 to 749 lb	20.5	14.5	12.6	18.5	17.7	19.7	22.6	22.7	21.0	36.4	26.3	24.2
750 to 999 lb	27.6	34.7	38.7	40.3	42.3	41.1	42.5	28.7	26.9	26.7	25.6	25.5
1,000 to 9,999 lb	9.6	12.2	14.2	9.7	10.5	10.9	18.4	14.7	14.3	18.3	20.2	19.6
10,000 to 49,999 lb	17.1	31.7	29.0	13.0	11.4	11.6	16.4	14.1	14.5	21.8	20.9	21.0
50,000 to 99,999 lb	30.7	40.4	41.1	40.3	48.1	43.4	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S	S	S	S
SCTG 25, Logs and other wood in the rough	**23.0**	**23.7**	**24.8**	**24.8**	**28.0**	**29.5**	**30.8**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	S	S	S	–	–	–
50 to 99 lb	S	S	S	S	S	S	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S	–	–	–
1,000 to 9,999 lb	39.2	31.6	30.2	S	S	S	S	S	S	48.1	S	S
10,000 to 49,999 lb	30.1	33.3	32.5	28.6	27.8	28.3	34.9	35.0	34.4	S	S	S
50,000 to 99,999 lb	22.3	22.4	20.3	S	47.8	46.8	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	48.5	S	34.3	35.5	36.4
SCTG 26, Wood products	**11.4**	**12.1**	**12.1**	**6.6**	**23.1**	**21.6**	**6.2**	**7.6**	**8.3**	**8.9**	**9.4**	**9.3**
Less than 50 lb	45.0	39.4	46.1	39.8	28.6	29.8	31.8	32.5	32.3	27.2	S	S
50 to 99 lb	41.7	38.5	39.9	40.9	34.5	35.7	33.4	35.0	30.6	S	49.3	46.0
100 to 499 lb	19.9	17.5	16.9	33.8	23.5	24.9	S	S	S	S	S	S
500 to 749 lb	22.6	22.3	23.9	27.1	33.5	34.2	43.9	42.5	41.7	S	S	S
750 to 999 lb	30.0	21.8	21.9	38.5	34.5	38.1	S	47.7	48.6	S	37.3	38.0
1,000 to 9,999 lb	12.8	11.2	12.1	11.9	11.3	11.6	23.0	48.7	45.1	26.9	24.1	23.9
10,000 to 49,999 lb	8.3	12.7	15.0	9.2	13.7	12.1	7.8	8.6	8.6	11.9	13.8	13.8
50,000 to 99,999 lb	20.8	18.6	18.2	6.2	7.3	7.9	14.6	15.1	15.1	19.5	22.5	23.6
100,000 lb or more	37.2	23.6	20.2	15.7	S	49.2	9.9	12.0	13.7	12.0	9.5	9.9
SCTG 27, Pulp, newsprint, paper, and paperboard	**11.8**	**12.6**	**13.2**	**9.2**	**10.1**	**11.0**	**16.6**	**21.6**	**22.1**	**12.7**	**12.2**	**12.5**
Less than 50 lb	23.7	28.2	24.2	33.9	32.3	36.4	33.2	23.0	24.1	29.5	40.0	40.4
50 to 99 lb	32.8	27.9	34.4	S	S	S	34.9	37.7	46.0	46.3	S	S
100 to 499 lb	18.9	18.6	20.1	24.0	28.7	27.8	31.3	30.2	37.5	39.6	35.9	35.7
500 to 749 lb	35.2	24.6	22.2	31.3	30.5	30.2	45.6	33.5	36.2	48.1	49.7	48.8
750 to 999 lb	35.7	22.6	25.6	31.3	32.8	32.1	S	S	S	S	S	S
1,000 to 9,999 lb	15.5	17.3	16.1	36.1	33.2	31.1	48.6	35.9	35.9	32.3	26.4	26.2
10,000 to 49,999 lb	18.4	16.0	18.6	13.3	12.5	12.9	12.0	11.6	11.6	13.2	13.7	14.4
50,000 to 99,999 lb	20.3	17.9	18.1	29.0	27.3	26.7	41.7	40.8	41.8	40.2	38.8	40.5
100,000 lb or more	23.7	23.2	24.5	15.5	15.6	15.8	32.4	33.0	32.9	17.9	16.2	16.6
SCTG 28, Paper or paperboard articles	**7.6**	**7.7**	**8.1**	**10.0**	**21.4**	**26.1**	**16.1**	**13.9**	**14.3**	**9.9**	**10.3**	**12.3**
Less than 50 lb	20.0	16.5	16.7	20.4	18.8	17.8	27.8	34.0	34.3	S	S	S
50 to 99 lb	20.4	20.5	21.0	30.0	25.5	25.0	35.9	41.5	36.5	33.0	39.4	38.8
100 to 499 lb	19.4	18.0	20.6	15.0	15.7	15.1	24.5	20.0	19.5	33.0	36.4	37.0
500 to 749 lb	29.1	34.0	31.2	31.8	28.7	30.1	25.5	29.5	32.1	37.1	36.2	34.4
750 to 999 lb	27.9	24.4	26.2	40.1	36.6	36.6	28.8	32.5	32.5	S	S	S
1,000 to 9,999 lb	17.2	20.8	20.9	13.4	19.4	18.6	19.8	19.9	21.5	43.2	30.4	30.5
10,000 to 49,999 lb	10.2	9.8	9.9	11.9	25.6	30.6	18.8	14.9	15.3	9.9	9.6	9.5
50,000 to 99,999 lb	S	37.2	33.9	30.0	33.3	30.2	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	45.4	48.4	S	S	S	S	S	S

See footnotes at end of table.

Table B–10. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	100 to 249 miles			250 to 499 miles			500 to 749 miles			750 to 999 miles		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 29, Printed products	**20.1**	**11.2**	**11.1**	**7.5**	**15.8**	**18.6**	**16.4**	**12.6**	**13.6**	**14.4**	**22.3**	**25.1**
Less than 50 lb	42.8	44.2	42.8	12.5	18.8	21.0	34.3	28.9	29.1	25.6	23.7	23.8
50 to 99 lb	23.9	19.8	21.3	18.6	26.6	24.2	32.1	28.7	28.7	33.9	29.0	28.1
100 to 499 lb	36.9	12.1	12.5	12.7	15.1	14.8	43.4	19.9	19.3	22.4	16.6	16.0
500 to 749 lb	19.4	18.2	19.6	21.8	40.1	37.1	34.8	S	S	31.3	24.8	24.6
750 to 999 lb	24.6	22.0	21.4	15.3	28.0	27.8	41.5	26.0	25.2	42.9	22.8	23.5
1,000 to 9,999 lb	13.5	17.0	16.9	19.5	25.8	26.7	12.8	10.9	10.8	20.5	21.8	22.1
10,000 to 49,999 lb	31.7	25.5	26.4	19.5	15.8	16.1	20.6	22.8	24.8	24.4	34.6	38.4
50,000 to 99,999 lb	S	35.1	37.2	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	S	S	S	–	–	–	–	–	–
SCTG 30, Textiles, leather, and articles of textiles or leather	**31.5**	**35.4**	**37.7**	**27.5**	**24.3**	**23.6**	**14.7**	**13.8**	**14.3**	**20.1**	**16.5**	**17.9**
Less than 50 lb	25.4	13.3	12.3	24.4	15.5	16.0	16.9	11.4	11.4	12.7	8.4	8.6
50 to 99 lb	12.0	11.3	11.6	20.0	17.4	14.4	33.3	26.3	25.7	21.9	20.2	22.1
100 to 499 lb	19.8	17.0	18.3	13.4	15.1	14.3	21.8	19.7	20.1	17.0	19.8	20.2
500 to 749 lb	28.1	20.0	22.6	28.8	20.2	19.3	26.0	22.7	21.7	44.0	S	S
750 to 999 lb	36.0	27.7	29.9	33.0	36.1	37.5	38.9	27.3	27.9	28.9	S	49.7
1,000 to 9,999 lb	47.6	22.5	19.8	14.7	18.3	19.6	34.8	20.8	20.7	26.9	17.9	17.9
10,000 to 49,999 lb	48.5	S	S	S	49.6	49.0	37.1	36.1	38.1	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–	–	–	–
100,000 lb or more	S	S	S	S	S	S	S	S	S	–	–	–
SCTG 31, Nonmetallic mineral products	**8.5**	**8.1**	**8.6**	**8.8**	**11.1**	**12.0**	**12.5**	**16.4**	**17.0**	**13.9**	**11.5**	**12.0**
Less than 50 lb	18.0	19.1	21.6	32.4	25.8	26.5	20.9	24.7	24.8	24.8	31.7	30.8
50 to 99 lb	33.2	21.6	24.2	49.3	37.7	37.8	44.9	45.0	43.1	45.1	43.5	45.2
100 to 499 lb	30.1	23.1	23.5	17.7	S	S	34.5	22.8	24.0	41.9	39.8	40.2
500 to 749 lb	26.6	28.6	36.7	42.9	49.8	48.4	43.8	26.3	26.7	S	S	S
750 to 999 lb	40.2	32.1	33.8	S	39.9	39.2	41.9	39.2	37.9	45.1	S	S
1,000 to 9,999 lb	28.3	18.1	20.3	18.0	15.9	14.7	17.1	18.5	18.3	36.7	30.9	33.1
10,000 to 49,999 lb	11.4	11.6	12.2	10.4	9.2	9.0	13.0	12.5	12.5	11.2	13.9	13.9
50,000 to 99,999 lb	12.6	13.3	14.0	19.5	13.5	14.3	48.8	49.3	48.8	30.4	39.6	42.3
100,000 lb or more	22.6	23.2	26.9	21.4	25.0	24.8	36.4	34.5	34.2	34.7	27.8	28.5
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**8.8**	**10.3**	**10.5**	**12.1**	**13.8**	**12.8**	**16.1**	**11.5**	**12.1**	**15.4**	**15.1**	**15.3**
Less than 50 lb	22.9	21.2	20.3	24.0	21.0	20.1	41.4	31.0	30.9	32.3	26.0	27.2
50 to 99 lb	24.7	16.7	17.0	31.0	25.0	24.3	29.5	42.4	40.5	30.9	29.9	29.1
100 to 499 lb	23.1	10.7	11.6	42.7	21.7	20.0	33.3	31.6	30.9	25.5	32.1	33.1
500 to 749 lb	20.5	11.1	9.8	29.3	24.9	27.1	35.9	41.9	41.5	25.5	31.4	30.2
750 to 999 lb	18.0	14.7	12.8	25.2	19.2	18.7	26.8	39.0	44.4	30.1	47.8	46.5
1,000 to 9,999 lb	9.3	10.7	12.5	11.7	10.5	10.2	25.4	22.3	21.8	30.5	21.8	21.5
10,000 to 49,999 lb	16.2	10.9	11.2	17.2	17.6	16.9	20.6	12.9	12.8	27.1	13.2	12.7
50,000 to 99,999 lb	26.7	31.2	27.7	41.8	27.1	26.3	29.8	23.8	24.2	S	S	S
100,000 lb or more	30.5	25.6	31.9	34.4	22.5	23.6	26.0	17.8	18.4	19.2	26.5	25.5
SCTG 33, Articles of base metal	**9.0**	**12.1**	**10.7**	**9.1**	**16.2**	**16.0**	**13.8**	**22.2**	**23.2**	**13.4**	**20.4**	**20.6**
Less than 50 lb	15.1	12.0	9.5	15.9	14.4	14.0	11.4	12.2	11.9	26.8	24.9	25.2
50 to 99 lb	18.8	20.3	23.9	24.1	21.0	22.7	24.1	22.5	21.4	31.9	34.2	35.5
100 to 499 lb	13.1	11.2	11.2	14.3	13.4	12.4	17.5	13.6	14.2	14.4	25.6	25.6
500 to 749 lb	17.2	18.3	16.7	17.0	17.2	16.7	20.8	25.4	22.1	28.5	20.5	21.7
750 to 999 lb	30.3	16.3	16.8	22.5	15.8	15.3	30.5	31.7	30.9	27.1	24.8	23.5
1,000 to 9,999 lb	14.3	13.7	12.6	14.6	16.0	16.6	13.9	15.4	15.8	20.7	28.2	28.3
10,000 to 49,999 lb	15.5	14.9	13.5	14.1	18.6	17.9	12.1	15.1	15.1	20.9	23.1	23.4
50,000 to 99,999 lb	35.4	25.5	25.0	44.7	35.2	35.6	S	35.2	36.8	48.4	44.6	43.9
100,000 lb or more	S	S	47.1	47.0	S	S	46.8	S	S	43.3	S	S
SCTG 34, Machinery	**10.0**	**10.2**	**10.8**	**8.2**	**12.3**	**11.4**	**16.5**	**17.9**	**18.1**	**14.5**	**16.7**	**16.6**
Less than 50 lb	12.7	11.0	10.6	17.6	16.2	17.4	10.5	11.7	12.9	14.1	16.2	16.7
50 to 99 lb	12.3	15.2	16.9	44.9	17.5	14.7	44.6	16.2	18.2	41.9	S	S
100 to 499 lb	15.2	9.5	8.8	11.8	10.6	10.4	27.1	17.4	17.3	28.5	S	S
500 to 749 lb	22.1	20.8	22.4	22.8	29.0	26.5	30.1	28.2	25.7	36.7	47.8	45.9
750 to 999 lb	23.9	18.4	22.6	31.6	22.4	22.4	23.1	23.1	21.4	29.7	46.7	46.9
1,000 to 9,999 lb	16.7	17.3	17.3	19.0	20.0	19.2	30.4	16.0	15.7	18.8	23.3	23.5
10,000 to 49,999 lb	33.4	18.1	21.7	23.6	17.2	16.7	32.0	32.0	31.8	30.5	23.4	24.2
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	S	S	S	S	S	S	S	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**20.3**	**15.3**	**15.9**	**14.3**	**24.1**	**23.9**	**12.6**	**21.7**	**20.8**	**11.0**	**11.3**	**11.3**
Less than 50 lb	10.7	17.8	19.7	9.3	14.1	15.4	9.0	12.9	13.4	19.1	12.8	13.0
50 to 99 lb	44.2	46.9	38.1	20.2	17.3	16.6	17.3	15.2	15.1	23.0	25.0	27.5
100 to 499 lb	16.8	16.5	16.6	14.0	15.1	15.1	20.1	17.5	17.3	19.5	17.4	17.5
500 to 749 lb	24.8	28.6	28.6	23.9	25.3	25.2	35.0	30.2	29.2	25.4	21.2	22.4
750 to 999 lb	27.0	27.2	26.6	31.3	29.6	29.6	47.0	44.3	40.5	36.5	37.0	37.2
1,000 to 9,999 lb	S	23.9	25.8	17.2	30.1	31.4	32.5	41.4	40.6	21.1	24.0	24.6
10,000 to 49,999 lb	33.7	22.2	23.7	S	33.9	32.6	36.4	25.3	28.9	33.1	21.5	21.1
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	–	–	–	S	S	S	–	–	–

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	100 to 249 miles			250 to 499 miles			500 to 749 miles			750 to 999 miles		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 36, Motorized and other vehicles (including parts)	**18.6**	**13.8**	**11.9**	**13.4**	**31.9**	**30.6**	**18.6**	**26.2**	**27.1**	**30.6**	**22.3**	**22.2**
Less than 50 lb	11.3	12.2	12.0	16.9	12.0	12.6	22.0	19.6	19.1	20.1	20.5	20.3
50 to 99 lb	21.9	16.5	16.6	28.7	32.0	31.2	33.1	29.6	29.8	30.0	27.6	27.7
100 to 499 lb	30.2	24.6	20.1	15.4	10.8	11.5	23.8	17.5	16.6	30.9	23.0	23.3
500 to 749 lb	45.7	35.8	36.1	45.8	34.3	31.1	25.2	28.4	26.2	S	47.4	S
750 to 999 lb	35.5	28.1	25.8	43.9	26.5	25.0	33.8	29.7	29.0	41.9	46.6	47.7
1,000 to 9,999 lb	17.8	14.9	15.2	17.1	14.9	14.1	19.6	24.2	24.6	45.3	22.5	21.7
10,000 to 49,999 lb	19.1	24.6	19.5	29.4	36.9	36.0	33.2	38.9	39.9	42.7	33.8	33.8
50,000 to 99,999 lb	49.2	32.5	34.9	44.4	45.5	45.4	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	–	–	–	–	–	–
SCTG 37, Transportation equipment, n.e.c.	**25.6**	**22.3**	**24.6**	**25.2**	**46.9**	**44.8**	**23.7**	**S**	**S**	**46.8**	**21.1**	**20.2**
Less than 50 lb	27.7	43.4	44.9	32.9	35.2	36.5	24.5	23.5	23.6	27.1	25.2	24.9
50 to 99 lb	32.1	S	S	28.9	S	S	34.2	37.9	40.0	23.8	21.2	21.3
100 to 499 lb	49.8	S	S	25.7	47.8	45.8	40.4	33.1	32.8	21.8	26.4	25.8
500 to 749 lb	S	S	S	S	S	S	S	48.6	49.4	S	S	S
750 to 999 lb	S	S	S	48.3	S	S	S	S	S	42.8	40.5	41.4
1,000 to 9,999 lb	S	43.6	47.7	S	46.9	45.3	S	S	S	40.1	39.8	38.3
10,000 to 49,999 lb	45.2	27.8	26.5	41.5	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–	S	S	S
100,000 lb or more	–	–	–	S	S	S	–	–	–	S	S	S
SCTG 38, Precision instruments and apparatus	**17.5**	**48.1**	**48.6**	**14.1**	**35.3**	**36.4**	**12.8**	**16.2**	**16.3**	**22.9**	**34.8**	**34.0**
Less than 50 lb	18.2	21.4	19.8	16.6	15.6	15.4	10.9	14.4	14.8	12.8	12.1	12.2
50 to 99 lb	41.9	19.8	21.8	30.1	26.1	24.5	26.8	20.1	18.9	S	S	S
100 to 499 lb	34.5	24.2	28.9	34.6	24.9	25.0	35.6	21.1	23.0	27.6	22.6	22.4
500 to 749 lb	37.5	49.1	42.1	34.7	30.1	32.5	34.1	38.7	40.8	S	S	S
750 to 999 lb	S	S	S	48.8	39.7	39.4	S	40.6	41.2	S	50.0	S
1,000 to 9,999 lb	28.1	S	S	32.9	S	S	30.0	34.6	33.8	S	S	49.4
10,000 to 49,999 lb	S	S	S	S	S	S	49.1	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–	–	–	–
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**15.9**	**14.6**	**14.8**	**21.2**	**14.9**	**13.9**	**17.0**	**12.1**	**11.9**	**15.4**	**19.1**	**19.8**
Less than 50 lb	17.9	16.4	16.3	24.3	25.2	25.8	41.2	33.7	34.4	38.7	36.5	36.7
50 to 99 lb	38.7	29.3	30.9	29.5	26.1	28.5	27.8	22.6	23.1	31.6	26.3	26.5
100 to 499 lb	29.4	18.3	17.6	29.4	15.6	15.6	24.0	15.2	15.1	32.4	39.7	44.4
500 to 749 lb	38.6	24.6	29.7	27.8	21.2	19.8	S	33.6	31.0	29.7	30.4	29.8
750 to 999 lb	16.6	14.7	16.3	33.2	40.9	38.9	33.7	26.9	27.2	43.0	39.3	41.3
1,000 to 9,999 lb	19.2	22.6	24.0	35.1	20.5	18.8	14.9	12.4	12.5	22.9	19.9	19.6
10,000 to 49,999 lb	27.2	26.0	26.9	25.5	32.0	32.1	30.4	26.0	26.0	25.6	29.6	30.1
50,000 to 99,999 lb	S	S	S	–	–	–	S	S	S	S	S	S
100,000 lb or more	–	–	–	–	–	–	–	–	–	–	–	–
SCTG 40, Miscellaneous manufactured products	**48.8**	**28.2**	**28.2**	**25.9**	**27.2**	**26.0**	**10.8**	**17.5**	**17.7**	**14.1**	**S**	**S**
Less than 50 lb	20.8	11.0	9.4	18.2	15.1	15.8	13.4	21.5	22.0	19.3	20.6	20.9
50 to 99 lb	30.5	13.4	13.8	21.4	32.4	32.0	31.8	29.8	30.3	S	40.4	40.1
100 to 499 lb	15.2	11.5	12.0	42.1	11.4	11.9	32.9	20.8	22.2	19.1	18.7	19.6
500 to 749 lb	48.2	15.6	16.9	S	28.5	28.2	21.2	21.3	21.1	22.1	20.9	20.6
750 to 999 lb	S	32.0	32.6	36.4	16.1	16.4	31.4	30.0	32.6	35.4	35.7	36.7
1,000 to 9,999 lb	42.6	35.2	35.0	47.7	38.7	32.5	24.2	33.7	34.7	26.0	40.6	41.4
10,000 to 49,999 lb	S	42.6	42.6	48.2	26.8	24.8	16.1	17.8	18.1	37.7	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	39.3	44.3	44.6	S	S	S
100,000 lb or more	S	S	S	S	S	S	45.1	S	S	S	S	S
SCTG 41, Waste and scrap	**28.9**	**23.0**	**22.2**	**25.2**	**42.9**	**45.0**	**26.3**	**27.6**	**28.2**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	–	–	–	S	S	S
50 to 99 lb	–	–	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	–	–	–	S	S	S	S	S	S
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	S	S	S	S	S	S	–	–	–	–	–	–
1,000 to 9,999 lb	S	43.3	46.1	S	49.0	S	S	S	S	S	S	S
10,000 to 49,999 lb	37.1	29.1	28.5	35.1	44.2	43.2	30.7	27.1	26.2	40.8	S	S
50,000 to 99,999 lb	28.5	31.7	35.1	36.1	19.6	21.8	42.6	S	S	S	46.7	44.4
100,000 lb or more	48.9	48.3	39.3	36.2	S	S	33.5	32.3	31.8	48.3	49.8	S
SCTG 43, Mixed freight	**37.1**	**39.3**	**43.0**	**32.2**	**33.5**	**35.2**	**30.3**	**27.6**	**24.3**	**32.1**	**38.0**	**38.9**
Less than 50 lb	39.4	17.8	18.9	45.2	48.7	S	49.3	39.3	39.2	37.3	32.2	33.0
50 to 99 lb	37.2	31.4	28.1	33.3	37.7	38.0	S	S	S	S	46.1	46.2
100 to 499 lb	22.6	16.3	14.5	25.7	21.7	22.1	40.2	36.6	38.9	43.7	28.7	29.5
500 to 749 lb	21.1	25.0	23.7	33.2	31.0	33.9	36.6	38.8	38.4	49.8	S	S
750 to 999 lb	S	19.1	21.7	22.9	22.6	23.6	41.5	48.2	S	S	S	S
1,000 to 9,999 lb	14.4	14.6	14.2	43.2	20.8	21.4	41.8	39.6	35.7	S	S	S
10,000 to 49,999 lb	44.7	43.5	46.4	35.8	36.0	37.2	41.9	33.7	33.7	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	S	S	S	–	–	–

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	100 to 249 miles			250 to 499 miles			500 to 749 miles			750 to 999 miles		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
Commodity unknown	**25.5**	**26.0**	**28.4**	**24.4**	**46.9**	**46.2**	**26.5**	**48.4**	**46.2**	**38.9**	**41.6**	**43.5**
Less than 50 lb	25.7	28.1	29.0	33.2	34.3	32.6	47.1	27.3	28.1	30.8	S	S
50 to 99 lb	S	40.2	42.4	48.7	47.1	47.1	S	41.6	42.9	44.6	39.0	38.9
100 to 499 lb	S	S	S	40.2	25.9	25.8	S	S	49.3	36.7	35.8	37.5
500 to 749 lb	S	45.9	40.2	S	S	S	S	S	S	S	S	S
750 to 999 lb	39.7	43.4	47.2	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	40.9	22.1	21.4	44.8	49.0	48.0	39.4	46.0	46.6	34.6	30.5	29.9
10,000 to 49,999 lb	47.9	37.6	32.4	49.9	S	S	46.6	47.9	44.9	S	S	S
50,000 to 99,999 lb	S	S	46.1	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S	S	S	S

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles			1,500 to 1,999 miles			2,000 miles or more		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
All commodities	**6.2**	**13.5**	**13.9**	**5.0**	**9.0**	**9.1**	**5.5**	**3.2**	**3.3**
Less than 50 lb	8.6	5.0	5.1	6.8	5.7	5.7	6.6	7.2	7.1
50 to 99 lb	7.8	12.6	12.8	7.8	11.2	11.5	21.5	6.0	5.9
100 to 499 lb	9.0	9.2	8.8	7.3	9.1	8.8	7.5	3.6	3.8
500 to 749 lb	12.4	12.1	12.5	20.2	13.2	12.6	13.4	14.7	14.3
750 to 999 lb	13.0	8.5	8.4	27.9	18.7	18.7	17.9	8.8	9.2
1,000 to 9,999 lb	10.9	18.6	18.2	11.9	14.2	14.0	14.5	15.8	16.1
10,000 to 49,999 lb	12.7	9.6	9.1	12.7	5.4	4.8	8.5	5.5	5.9
50,000 to 99,999 lb	28.7	47.8	43.2	35.8	20.0	19.2	39.5	14.9	15.0
100,000 lb or more	24.7	15.5	15.8	23.5	17.7	17.4	30.8	10.4	10.3
SCTG 01, Live animals and live fish	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S
500 to 749 lb	–	–	–	S	S	S	S	S	S
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	–	–	–	S	S	S	S	S	S
10,000 to 49,999 lb	–	–	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 02, Cereal grains	**37.9**	**40.2**	**36.2**	**43.1**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	–	–	–
50 to 99 lb	–	–	–	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	46.3	S	S	S	S	S
10,000 to 49,999 lb	49.3	44.9	45.2	43.5	S	S	48.4	S	S
50,000 to 99,999 lb	S	S	S	–	–	–	–	–	–
100,000 lb or more	49.4	43.2	38.8	S	S	S	–	–	–
SCTG 03, Other agricultural products	**12.4**	**18.2**	**18.7**	**13.0**	**19.9**	**18.3**	**14.2**	**14.2**	**13.7**
Less than 50 lb	43.6	S	S	S	S	S	30.0	41.0	45.3
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	35.4	33.3	31.6	42.8	48.6	S	40.0	S	S
500 to 749 lb	40.3	41.9	41.4	S	48.3	47.8	33.8	39.2	41.0
750 to 999 lb	S	S	S	S	45.6	44.1	S	44.3	44.2
1,000 to 9,999 lb	19.3	31.0	32.1	16.6	29.6	29.8	19.5	28.8	29.1
10,000 to 49,999 lb	14.1	21.8	22.1	14.8	22.6	20.2	17.3	13.9	13.5
50,000 to 99,999 lb	S	S	S	S	40.5	43.4	44.7	S	S
100,000 lb or more	33.9	32.9	30.3	42.1	34.5	34.5	28.6	29.0	27.7
SCTG 04, Animal feed and products of animal origin, n.e.c.	**32.9**	**26.9**	**26.7**	**42.1**	**43.2**	**43.1**	**44.2**	**39.0**	**39.4**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	47.9	48.5	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S
750 to 999 lb	–	–	–	–	–	–	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	43.9	41.6	41.7	48.5	38.2	39.8	45.6	41.4	41.8
50,000 to 99,999 lb	S	S	S	–	–	–	–	–	–
100,000 lb or more	S	43.2	43.6	S	S	S	S	S	S
SCTG 05, Meat, fish, seafood, and their preparations	**16.2**	**23.9**	**25.4**	**26.2**	**22.7**	**23.6**	**29.9**	**31.8**	**31.1**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	49.5	S	S	S	S	S
100 to 499 lb	28.2	27.6	26.3	47.5	32.0	31.2	35.1	32.8	33.3
500 to 749 lb	42.6	33.2	35.5	45.7	30.0	29.2	42.1	28.1	29.8
750 to 999 lb	41.0	41.4	38.8	S	45.6	46.7	S	40.8	41.2
1,000 to 9,999 lb	21.9	23.5	22.8	31.5	24.7	25.3	35.5	29.0	28.6
10,000 to 49,999 lb	17.2	19.4	19.6	21.8	21.3	21.6	42.8	40.4	39.8
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	S	S	S	43.5	36.8	37.4	S	S	S
SCTG 06, Milled grain products and preparations, and bakery products	**20.0**	**22.7**	**23.4**	**19.9**	**31.4**	**33.4**	**20.0**	**21.2**	**21.8**
Less than 50 lb	S	S	S	S	45.8	45.7	44.3	42.0	42.3
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	48.2	37.6	37.3
500 to 749 lb	S	S	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	21.1	22.8	23.9	33.2	32.3	33.5	45.6	S	S
10,000 to 49,999 lb	21.5	19.4	18.1	21.1	15.6	15.5	20.5	18.3	18.7
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles			1,500 to 1,999 miles			2,000 miles or more		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 07, Other prepared foodstuffs and fats and oils	**10.7**	**10.3**	**10.1**	**20.3**	**11.4**	**11.1**	**8.9**	**13.0**	**13.6**
Less than 50 lb	44.3	33.5	33.3	S	48.8	48.0	30.5	26.1	25.7
50 to 99 lb	43.2	35.9	35.0	32.2	33.7	33.2	30.0	27.8	28.3
100 to 499 lb	48.7	40.9	41.2	34.9	34.5	36.5	35.3	35.5	36.7
500 to 749 lb	S	49.5	49.1	S	44.6	43.1	S	S	S
750 to 999 lb	S	S	S	43.0	33.6	34.5	S	S	S
1,000 to 9,999 lb	24.5	20.2	19.0	22.7	21.9	21.8	24.1	17.9	17.9
10,000 to 49,999 lb	14.2	14.0	13.7	26.2	11.4	11.4	8.0	8.9	9.7
50,000 to 99,999 lb	32.4	28.7	29.8	21.4	24.8	23.7	31.0	29.8	29.2
100,000 lb or more	14.8	14.6	14.1	17.1	15.8	15.5	20.4	27.6	27.7
SCTG 08, Alcoholic beverages	**22.3**	**34.9**	**36.1**	**26.7**	**35.2**	**35.0**	**28.6**	**33.9**	**35.1**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	40.3	39.8
500 to 749 lb	S	S	S	S	S	49.9	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	43.5	43.3	46.1	38.9	42.0	41.0	S	S	S
10,000 to 49,999 lb	17.1	21.9	21.4	33.9	34.1	35.4	25.5	22.4	23.0
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	46.4	46.5	35.0	S	S	S	S	S
SCTG 09, Tobacco products	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**47.0**	**S**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	–	–	–	S	S	S
100 to 499 lb	S	S	S	–	–	–	S	S	S
500 to 749 lb	–	–	–	–	–	–	S	S	S
750 to 999 lb	–	–	–	–	–	–	S	S	S
1,000 to 9,999 lb	S	S	S	–	–	–	S	S	S
10,000 to 49,999 lb	–	–	–	–	–	–	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 10, Monumental or building stone	**44.9**	**44.5**	**44.6**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	S	S	S	S	S	S
50 to 99 lb	–	–	–	–	–	–	S	S	S
100 to 499 lb	S	S	S	–	–	–	S	S	S
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	–	–	–
10,000 to 49,999 lb	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	S	S	S	–	–	–
100,000 lb or more	S	S	S	S	S	S	–	–	–
SCTG 11, Natural sands	**S**	**S**	**S**	**47.3**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	S	S	S
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	–	–	–	S	S	S
500 to 749 lb	–	–	–	S	S	S	–	–	–
750 to 999 lb	–	–	–	S	S	S	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	39.9	41.6	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	–	–	–	S	S	S
100,000 lb or more	S	S	S	S	S	S	–	–	–
SCTG 12, Gravel and crushed stone	**S**	**S**	**S**	**S**	**S**	**S**	**–**	**–**	**–**
Less than 50 lb	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	–	–	–	S	S	S	–	–	–
10,000 to 49,999 lb	S	S	S	S	S	S	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–
SCTG 13, Nonmetallic minerals n.e.c.	**30.5**	**29.4**	**28.8**	**22.1**	**27.7**	**27.1**	**26.9**	**43.0**	**40.6**
Less than 50 lb	S	S	S	S	S	S	47.7	47.5	47.4
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	47.4	46.6	S	S	S
500 to 749 lb	S	S	S	S	S	S	–	–	–
750 to 999 lb	S	S	S	–	–	–	S	S	S
1,000 to 9,999 lb	S	37.0	33.5	47.2	40.0	40.0	S	S	S
10,000 to 49,999 lb	S	S	S	16.7	46.0	45.9	31.1	34.7	32.1
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	33.6	28.5	28.6	35.9	35.2	34.6	46.1	S	S

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles			1,500 to 1,999 miles			2,000 miles or more		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 14, Metallic ores and concentrates	**35.7**	**S**	**S**	**33.6**	**24.5**	**24.9**	**39.8**	**39.4**	**39.1**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	41.2	41.4
100 to 499 lb	–	–	–	S	S	S	S	44.9	45.3
500 to 749 lb	–	–	–	S	S	S	S	S	S
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	47.0	45.8	46.0	S	S	S	48.0	S	S
10,000 to 49,999 lb	S	S	S	38.4	28.3	28.1	S	41.1	41.3
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S
SCTG 15, Coal	**16.3**	**19.9**	**20.0**	**S**	**S**	**S**	**–**	**–**	**–**
Less than 50 lb	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	–	–	–	–	–	–	–	–	–
10,000 to 49,999 lb	–	–	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	16.3	19.9	20.0	S	S	S	–	–	–
SCTG 17, Gasoline and aviation turbine fuel	**40.6**	**40.3**	**39.2**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	S	S	S	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	–	–	–
10,000 to 49,999 lb	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	–	–	–
SCTG 18, Fuel oils	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	S	S	S	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	–	–	–	S	S	S
10,000 to 49,999 lb	S	S	S	S	S	S	–	–	–
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S
SCTG 19, Coal and petroleum products, n.e.c.	**45.8**	**S**	**S**	**29.3**	**S**	**S**	**45.2**	**31.6**	**31.7**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	–	–	–	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	–	–	–	S	S	S
750 to 999 lb	–	–	–	S	S	S	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	29.4	34.2	34.3	31.4	34.7	41.7	S	42.4	42.6
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	S	S	S	S	S	S	S	S	S
SCTG 20, Basic chemicals	**17.1**	**30.1**	**29.6**	**12.1**	**18.2**	**18.2**	**25.4**	**33.2**	**32.2**
Less than 50 lb	28.9	28.4	28.0	28.3	24.9	24.5	22.1	28.8	28.2
50 to 99 lb	S	S	S	39.3	38.7	38.5	40.1	S	S
100 to 499 lb	S	S	S	39.3	S	S	34.7	43.3	45.0
500 to 749 lb	39.1	33.2	33.7	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	47.7	33.0	35.0	37.2	43.0	42.3	S	S	S
10,000 to 49,999 lb	39.8	20.9	20.5	28.0	23.6	22.7	25.6	31.0	29.3
50,000 to 99,999 lb	S	43.9	45.3	S	S	S	S	S	S
100,000 lb or more	21.2	32.1	31.5	21.2	19.2	19.1	28.0	S	S
SCTG 21, Pharmaceutical products	**16.0**	**29.7**	**30.1**	**11.7**	**34.3**	**37.6**	**13.3**	**23.3**	**23.6**
Less than 50 lb	21.2	22.7	23.5	16.0	17.8	17.9	15.5	18.9	17.9
50 to 99 lb	S	46.5	43.2	38.4	S	S	29.9	27.9	27.4
100 to 499 lb	32.5	41.1	46.7	32.7	27.8	27.2	24.2	19.6	20.3
500 to 749 lb	S	S	S	S	S	S	S	39.5	39.6
750 to 999 lb	S	S	S	S	41.8	43.9	S	S	S
1,000 to 9,999 lb	S	48.6	49.7	37.0	29.3	29.1	49.1	48.4	48.6
10,000 to 49,999 lb	48.9	49.4	S	49.9	47.6	S	S	35.0	35.1
50,000 to 99,999 lb	–	–	–	–	–	–	S	S	S
100,000 lb or more	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles			1,500 to 1,999 miles			2,000 miles or more		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 22, Fertilizers	**S**	**47.9**	**S**	**S**	**S**	**S**	**36.4**	**41.6**	**42.4**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	S	S	–	–	–	S	S	S
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	S	S	S	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	37.6	41.2	48.3	S	S	37.3	41.9	42.6
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	S	S	S	S	S	S	–	–	–
SCTG 23, Chemical products and preparations, n.e.c.	**27.5**	**42.3**	**40.8**	**19.4**	**19.5**	**19.1**	**11.1**	**16.4**	**17.7**
Less than 50 lb	25.1	30.7	29.7	32.6	18.3	18.4	24.1	19.2	19.0
50 to 99 lb	37.5	50.0	47.9	23.2	19.6	21.6	40.5	35.5	34.5
100 to 499 lb	40.6	20.9	22.2	29.3	22.9	22.9	24.4	23.1	23.1
500 to 749 lb	32.6	40.5	38.4	25.4	20.0	20.2	45.4	29.6	29.9
750 to 999 lb	S	39.8	40.5	43.4	27.2	27.5	24.8	27.1	27.7
1,000 to 9,999 lb	22.4	15.1	15.7	33.8	25.0	25.0	22.4	22.2	22.5
10,000 to 49,999 lb	42.0	34.9	35.0	32.0	26.4	25.7	20.0	16.1	16.0
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	45.8	46.0	S	48.4	48.5
SCTG 24, Plastics and rubber	**11.1**	**13.3**	**13.3**	**11.2**	**12.2**	**12.3**	**10.1**	**16.6**	**17.3**
Less than 50 lb	18.7	19.6	19.7	19.3	24.0	23.8	19.7	29.2	29.1
50 to 99 lb	19.9	23.7	25.2	37.1	29.6	29.2	21.8	21.2	21.7
100 to 499 lb	17.3	16.2	16.9	21.4	21.5	21.3	19.1	20.6	21.2
500 to 749 lb	39.9	48.2	47.1	34.9	26.4	26.3	19.6	19.1	18.6
750 to 999 lb	26.0	25.4	26.7	40.5	33.7	34.4	28.4	21.1	21.1
1,000 to 9,999 lb	21.5	15.8	16.3	21.4	19.3	19.4	19.9	20.7	20.6
10,000 to 49,999 lb	19.3	20.7	20.2	19.0	15.8	15.7	18.4	14.3	14.2
50,000 to 99,999 lb	S	S	S	S	S	S	44.1	40.3	40.0
100,000 lb or more	S	S	S	S	S	S	S	S	S
SCTG 25, Logs and other wood in the rough	**S**	**S**	**S**	**35.7**	**40.1**	**40.6**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	–	–	–	–	–	–	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S
500 to 749 lb	–	–	–	–	–	–	S	S	S
750 to 999 lb	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	–	–	–
10,000 to 49,999 lb	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	47.4	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	42.2	41.5	42.0	S	S	S
SCTG 26, Wood products	**6.0**	**10.1**	**9.2**	**4.9**	**7.2**	**7.9**	**8.5**	**7.8**	**8.4**
Less than 50 lb	46.0	42.2	40.8	30.2	41.1	39.3	23.6	41.3	41.1
50 to 99 lb	45.4	S	S	39.3	35.1	35.1	24.9	28.5	28.7
100 to 499 lb	32.2	39.1	39.2	S	S	S	32.0	27.5	27.2
500 to 749 lb	S	S	S	S	S	S	42.4	47.4	46.9
750 to 999 lb	S	S	S	S	36.6	37.3	S	S	S
1,000 to 9,999 lb	26.1	21.6	21.7	23.7	23.1	23.9	18.1	27.6	27.5
10,000 to 49,999 lb	10.0	20.8	20.0	7.4	7.4	15.8	12.4	8.5	11.6
50,000 to 99,999 lb	14.5	11.9	12.9	19.9	17.7	17.8	13.6	16.0	15.5
100,000 lb or more	10.6	10.7	10.1	10.7	11.3	11.8	12.8	11.6	12.1
SCTG 27, Pulp, newsprint, paper, and paperboard	**24.5**	**23.3**	**22.4**	**16.4**	**13.6**	**13.5**	**18.2**	**16.0**	**16.0**
Less than 50 lb	36.7	39.1	40.2	46.2	43.0	43.8	40.8	S	49.7
50 to 99 lb	S	S	S	49.0	46.8	48.1	S	46.4	45.8
100 to 499 lb	S	47.5	S	S	33.3	36.0	39.4	45.3	46.5
500 to 749 lb	S	S	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	46.1	37.8	37.3	S	47.0	48.0	42.1	S	S
10,000 to 49,999 lb	26.3	24.8	24.0	19.3	19.3	18.9	21.7	20.9	21.1
50,000 to 99,999 lb	–	–	–	S	42.1	43.2	S	S	S
100,000 lb or more	35.4	32.6	31.2	23.2	23.3	24.9	26.4	25.0	24.8
SCTG 28, Paper or paperboard articles	**14.9**	**18.7**	**18.3**	**24.8**	**18.2**	**18.4**	**29.3**	**23.6**	**37.9**
Less than 50 lb	42.8	28.3	28.0	S	36.6	37.4	S	33.9	33.7
50 to 99 lb	47.3	S	S	S	S	S	S	S	S
100 to 499 lb	36.5	31.4	32.7	42.9	35.6	35.4	41.6	36.4	37.0
500 to 749 lb	33.0	34.9	32.8	S	S	S	S	S	S
750 to 999 lb	45.2	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	31.4	32.1	32.1	38.0	33.7	32.5	S	39.1	39.8
10,000 to 49,999 lb	19.4	20.0	18.9	26.7	25.7	24.8	19.6	27.5	44.3
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles			1,500 to 1,999 miles			2,000 miles or more		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 29, Printed products	**12.4**	**13.9**	**13.1**	**13.2**	**30.4**	**30.2**	**10.6**	**36.9**	**37.3**
Less than 50 lb	14.5	17.0	16.3	16.1	16.0	16.0	14.9	20.3	20.8
50 to 99 lb	34.2	36.5	35.0	21.0	29.3	29.6	27.7	26.7	26.6
100 to 499 lb	21.6	28.7	29.3	26.3	41.9	40.3	22.0	29.9	30.0
500 to 749 lb	S	33.2	33.1	32.5	40.2	40.5	31.5	S	S
750 to 999 lb	S	45.2	40.7	43.4	S	S	S	30.8	30.9
1,000 to 9,999 lb	21.4	14.9	14.1	26.0	41.1	41.2	17.8	S	S
10,000 to 49,999 lb	28.9	28.6	28.4	24.3	23.1	22.8	30.2	24.0	24.1
50,000 to 99,999 lb	–	–	–	–	–	–	S	S	S
100,000 lb or more	–	–	–	S	S	S	S	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**13.7**	**13.9**	**14.2**	**13.3**	**11.2**	**11.5**	**15.2**	**11.5**	**11.7**
Less than 50 lb	20.5	10.7	11.4	24.3	15.6	15.7	25.2	23.2	23.0
50 to 99 lb	24.8	40.2	S	29.0	44.0	44.8	14.5	14.1	14.1
100 to 499 lb	11.8	14.0	14.3	14.4	16.2	16.2	15.0	15.6	15.4
500 to 749 lb	27.5	17.7	17.9	19.5	19.6	18.8	33.7	28.4	28.2
750 to 999 lb	29.2	33.8	32.4	42.1	25.6	24.7	24.4	20.1	19.4
1,000 to 9,999 lb	25.5	26.0	26.8	24.5	22.7	23.3	31.6	22.2	22.6
10,000 to 49,999 lb	46.4	27.6	27.9	42.6	26.4	25.5	31.6	24.0	24.2
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	S	S	S	S	S	S
SCTG 31, Nonmetallic mineral products	**15.1**	**32.2**	**33.9**	**21.9**	**26.1**	**28.4**	**17.9**	**23.8**	**24.2**
Less than 50 lb	26.2	26.8	25.1	26.4	33.2	33.3	38.5	44.9	45.2
50 to 99 lb	33.9	47.5	46.2	35.8	40.1	41.3	S	S	S
100 to 499 lb	44.1	47.0	47.7	S	S	S	31.9	28.2	28.1
500 to 749 lb	S	48.2	46.9	S	S	S	S	39.6	39.0
750 to 999 lb	42.6	34.2	32.9	39.3	41.3	41.0	32.4	36.1	36.5
1,000 to 9,999 lb	33.3	25.0	25.1	25.5	40.0	39.1	30.9	23.4	23.5
10,000 to 49,999 lb	23.5	43.2	45.6	23.0	19.4	19.3	28.2	17.6	17.5
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	44.9	46.7	49.1	S	47.2	S	S	45.2	46.2
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**24.4**	**10.3**	**10.2**	**15.9**	**19.7**	**18.8**	**23.4**	**35.0**	**35.9**
Less than 50 lb	38.4	41.4	44.4	S	S	S	S	S	S
50 to 99 lb	S	S	S	27.3	24.8	24.3	47.9	S	S
100 to 499 lb	25.0	22.2	29.9	33.4	22.4	23.1	41.0	34.7	34.6
500 to 749 lb	33.0	27.2	26.6	47.8	S	S	38.7	37.7	36.1
750 to 999 lb	36.0	41.9	42.6	S	S	S	S	46.4	47.5
1,000 to 9,999 lb	S	29.8	30.4	23.7	26.6	27.0	29.7	20.8	20.6
10,000 to 49,999 lb	29.5	26.7	25.6	24.2	32.0	29.8	15.3	S	S
50,000 to 99,999 lb	49.7	S	S	S	49.2	S	37.9	46.3	44.7
100,000 lb or more	19.4	15.5	15.6	20.4	20.4	19.9	S	47.1	47.2
SCTG 33, Articles of base metal	**19.6**	**20.2**	**19.8**	**9.7**	**19.2**	**29.0**	**14.4**	**20.6**	**20.3**
Less than 50 lb	16.8	18.8	19.6	14.5	22.3	22.3	18.2	24.1	23.5
50 to 99 lb	22.5	20.1	20.3	24.9	27.3	26.4	31.8	30.2	29.6
100 to 499 lb	15.4	18.2	19.2	29.6	24.7	24.8	15.1	18.7	18.6
500 to 749 lb	43.7	35.2	33.1	45.5	28.3	27.5	27.9	38.7	45.9
750 to 999 lb	27.4	24.6	25.0	25.8	39.4	41.6	48.4	31.2	30.7
1,000 to 9,999 lb	34.6	34.0	33.1	15.9	19.0	18.7	20.5	34.1	33.9
10,000 to 49,999 lb	48.8	32.1	31.5	14.2	22.9	22.6	29.9	28.4	27.7
50,000 to 99,999 lb	39.2	43.3	S	S	S	S	43.4	42.7	42.5
100,000 lb or more	47.1	48.9	46.9	S	S	S	45.3	S	S
SCTG 34, Machinery	**12.5**	**35.1**	**35.1**	**14.0**	**18.2**	**18.2**	**17.7**	**46.6**	**45.7**
Less than 50 lb	13.0	23.7	26.3	13.3	15.5	15.7	16.8	31.0	30.8
50 to 99 lb	19.4	47.5	48.8	16.8	18.5	19.0	16.1	19.0	17.9
100 to 499 lb	18.1	32.7	31.8	42.0	22.3	22.0	16.0	28.2	30.8
500 to 749 lb	35.5	34.6	33.0	21.6	25.9	26.0	44.1	28.5	27.5
750 to 999 lb	43.2	34.4	32.3	39.9	22.6	22.6	37.5	23.2	22.6
1,000 to 9,999 lb	16.7	19.2	20.2	19.7	17.5	17.1	43.3	21.0	21.2
10,000 to 49,999 lb	33.7	23.3	22.9	23.3	23.5	24.0	26.6	26.5	25.5
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**10.7**	**30.9**	**29.6**	**10.6**	**14.8**	**15.0**	**13.0**	**38.5**	**39.3**
Less than 50 lb	15.6	15.0	14.7	10.6	11.7	11.8	13.6	19.7	19.5
50 to 99 lb	12.3	16.6	16.3	11.5	16.3	16.4	16.8	16.6	16.4
100 to 499 lb	17.5	17.4	16.6	12.4	18.2	19.0	13.2	14.0	13.6
500 to 749 lb	25.9	21.0	20.9	42.8	22.9	22.6	23.0	23.3	22.6
750 to 999 lb	27.4	35.8	36.6	43.2	29.9	29.5	31.3	27.0	26.8
1,000 to 9,999 lb	25.2	41.3	41.7	20.6	22.4	23.7	32.8	S	S
10,000 to 49,999 lb	30.3	39.5	36.1	S	30.7	30.2	24.5	22.0	21.4
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	–	–	–	34.5	27.4	28.0

See footnotes at end of table.

Table B–10. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles			1,500 to 1,999 miles			2,000 miles or more		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
SCTG 36, Motorized and other vehicles (including parts)	**28.6**	**40.2**	**42.1**	**17.2**	**16.5**	**16.1**	**24.7**	**21.4**	**21.3**
Less than 50 lb	15.3	12.5	13.0	18.9	14.8	14.8	17.0	12.9	12.7
50 to 99 lb	31.2	21.9	20.9	25.0	24.2	24.5	25.4	31.9	33.2
100 to 499 lb	21.4	20.1	21.9	21.1	18.6	18.6	22.4	21.4	20.9
500 to 749 lb	32.1	37.2	40.3	S	49.4	45.3	41.6	35.3	34.3
750 to 999 lb	S	S	S	S	48.1	48.1	S	46.4	46.1
1,000 to 9,999 lb	39.2	42.1	44.3	33.6	19.3	18.8	27.0	24.0	24.2
10,000 to 49,999 lb	31.6	43.7	45.4	21.7	22.2	21.5	34.9	32.9	32.2
50,000 to 99,999 lb	–	–	–	S	S	S	S	S	S
100,000 lb or more	S	S	S	–	–	–	–	–	–
SCTG 37, Transportation equipment, n.e.c.	**39.2**	**S**	**S**	**27.2**	**20.2**	**20.9**	**38.1**	**21.2**	**21.5**
Less than 50 lb	32.3	24.5	26.8	24.5	12.9	13.2	S	34.4	35.4
50 to 99 lb	24.3	30.1	31.6	25.9	22.5	23.1	S	34.2	34.4
100 to 499 lb	36.9	27.5	29.1	21.7	27.2	24.1	S	S	S
500 to 749 lb	S	45.7	48.1	S	S	S	S	42.5	44.4
750 to 999 lb	S	33.4	31.0	S	S	S	S	S	S
1,000 to 9,999 lb	39.0	35.6	38.0	S	49.7	S	S	36.9	38.2
10,000 to 49,999 lb	S	S	S	33.0	31.4	31.4	S	24.6	24.5
50,000 to 99,999 lb	–	–	–	S	S	S	S	S	S
100,000 lb or more	S	S	S	41.3	38.3	38.0	S	S	S
SCTG 38, Precision instruments and apparatus	**10.3**	**18.3**	**17.3**	**9.8**	**18.6**	**17.6**	**14.1**	**19.7**	**19.9**
Less than 50 lb	16.3	19.3	17.9	11.1	13.6	14.0	13.6	15.6	15.7
50 to 99 lb	30.2	18.0	17.5	22.4	22.5	22.8	19.0	19.5	19.4
100 to 499 lb	33.6	22.2	22.3	15.6	18.6	18.4	22.2	25.5	27.3
500 to 749 lb	36.4	S	S	29.2	28.3	28.3	34.4	43.9	42.6
750 to 999 lb	S	S	S	S	S	S	46.2	47.4	S
1,000 to 9,999 lb	35.0	47.6	46.9	32.3	33.8	31.9	33.3	32.8	32.7
10,000 to 49,999 lb	S	S	S	41.9	45.2	45.4	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**12.7**	**15.6**	**15.1**	**25.9**	**12.2**	**12.1**	**15.0**	**21.5**	**21.2**
Less than 50 lb	37.2	32.1	31.2	46.2	S	S	29.3	29.2	29.4
50 to 99 lb	29.4	26.6	26.9	S	S	S	S	44.7	41.9
100 to 499 lb	23.6	18.1	18.1	33.5	23.6	23.8	22.6	16.0	16.0
500 to 749 lb	21.8	23.4	24.1	38.5	26.1	26.2	37.6	27.1	25.7
750 to 999 lb	24.7	21.0	21.7	S	31.6	31.7	37.3	21.3	21.2
1,000 to 9,999 lb	19.1	16.8	16.5	30.5	14.1	13.5	21.0	17.8	17.9
10,000 to 49,999 lb	17.2	23.3	22.4	26.8	21.4	21.2	28.3	35.8	35.2
50,000 to 99,999 lb	S	S	S	–	–	–	S	S	S
100,000 lb or more	S	S	S	–	–	–	S	S	S
SCTG 40, Miscellaneous manufactured products	**11.4**	**S**	**S**	**16.3**	**38.8**	**38.6**	**8.2**	**36.8**	**36.0**
Less than 50 lb	15.0	18.6	18.6	25.2	15.1	15.3	11.3	18.1	18.5
50 to 99 lb	24.5	44.3	43.1	17.1	21.0	19.5	24.3	19.4	19.8
100 to 499 lb	18.3	25.4	24.4	23.3	11.5	11.4	13.7	11.5	11.5
500 to 749 lb	23.3	36.8	39.1	28.0	27.3	26.5	26.9	S	S
750 to 999 lb	13.5	18.2	18.5	17.5	19.4	19.6	45.2	16.5	16.6
1,000 to 9,999 lb	17.7	S	S	26.6	S	S	15.2	S	S
10,000 to 49,999 lb	44.8	31.3	31.8	36.6	33.0	32.7	32.4	25.6	25.1
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	–	–	–	S	S	S	–	–	–
SCTG 41, Waste and scrap	**28.0**	**30.5**	**29.8**	**15.9**	**16.5**	**16.4**	**30.0**	**35.9**	**35.8**
Less than 50 lb	S	S	S	S	S	S	S	S	S
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	S	S	S
500 to 749 lb	–	–	–	–	–	–	S	S	S
750 to 999 lb	–	–	–	–	–	–	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	21.7	40.0	39.7	20.0	17.5	18.5	38.0	S	S
50,000 to 99,999 lb	S	S	S	–	–	–	S	S	S
100,000 lb or more	S	49.1	49.3	48.4	S	S	39.1	38.9	38.9
SCTG 43, Mixed freight	**27.3**	**41.2**	**41.6**	**21.6**	**35.6**	**35.6**	**39.1**	**49.1**	**S**
Less than 50 lb	38.5	46.0	45.1	30.5	40.2	40.6	47.3	40.7	43.3
50 to 99 lb	S	S	S	44.5	48.7	49.3	41.9	44.3	43.4
100 to 499 lb	42.6	40.8	44.1	40.4	41.4	41.2	46.7	S	S
500 to 749 lb	S	S	S	S	35.7	37.5	48.5	S	S
750 to 999 lb	S	S	S	S	S	S	S	48.1	48.1
1,000 to 9,999 lb	S	37.7	36.8	32.2	26.3	26.1	39.8	32.5	35.8
10,000 to 49,999 lb	S	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table B–10. **Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Region: 1997**—Con.

[For explanation of terms and meaning of abbreviations and symbols, see introductory text]

SCTG code, description, shipment size, and distance shipped	1,000 to 1,499 miles			1,500 to 1,999 miles			2,000 miles or more		
	Value	Tons	Ton-miles	Value	Tons	Ton-miles	Value	Tons	Ton-miles
Commodity unknown	**32.8**	**S**	**S**	**23.0**	**33.1**	**34.1**	**35.3**	**45.1**	**44.0**
Less than 50 lb	35.9	24.1	24.7	34.6	20.2	19.5	24.3	42.2	39.9
50 to 99 lb	S	S	S	43.1	S	S	32.9	32.8	32.4
100 to 499 lb	S	36.4	34.7	37.7	28.8	29.4	34.2	30.4	30.7
500 to 749 lb	45.2	43.0	40.8	S	S	S	S	41.7	41.3
750 to 999 lb	S	S	S	S	48.4	47.6	45.1	43.0	43.3
1,000 to 9,999 lb	S	28.6	27.8	36.9	44.4	45.2	40.9	S	S
10,000 to 49,999 lb	S	47.8	46.5	44.2	43.3	42.1	S	S	S
50,000 to 99,999 lb	–	–	–	S	S	S	–	–	–
100,000 lb or more	27.1	S	S	S	S	S	S	S	S

– Represents data cell equal to zero or less than 1 unit of measure.
D Denotes figures withheld to avoid disclosing data for individual companies.
S Data do not meet publication standards because of high sampling variability or other reasons.

Note: For description of development and uses of measures of reliability, see Appendix B, Reliability of the Estimates.

Appendix C.
Sample Design, Data Collection, and Estimation

INTRODUCTION

The primary goal for the 1997 Commodity Flow Survey (CFS) is to estimate shipping volumes (value, tons, and ton-miles) by commodity and mode of transportation at varying levels of geographic detail. A detailed description of the sample design for the 1997 CFS is provided below.

SAMPLE DESIGN

The sample for the 1997 CFS is selected using a stratified three-stage design in which the first-stage sampling units are establishments, the second-stage sampling units are groups of four 1-week periods (reporting weeks) within the survey year, and the third-stage sampling units are shipments.

First Stage

To create the first-stage sampling frame, we extracted a subset of establishment records from the 1995 Standard Statistical Establishment List (SSEL). The SSEL is a database, maintained by the Bureau of the Census, that contains a record for each establishment with employees. (An establishment is a single physical location where business transactions take place.) Establishments having nonzero payroll in 1994 and classified in the mining, manufacturing, wholesale, or selected retail industries, as defined by the 1987 Standard Industrial Classification (SIC) Manual, are included on the sampling frame. Auxiliary establishments (e.g. warehouses and central administrative offices) with shipping activity are also included. Auxiliary establishments are establishments that are primarily involved in rendering support services for other establishments within the same company, instead of for the public, government, or other business firms. All other establishments contained on the sampling frame are referred to as nonauxiliary establishments. For each establishment we extracted sales, payroll, number of employees, name and address information, as well as a primary identifier. We also computed a measure of size for each establishment. The measure of size for a particular establishment is designed to approximate the establishment's total value of shipments for 1994.

To reduce the amount of sampling variability and because estimates are desired for each commodity, we used a stratified design with a certainty component for each three-digit SIC. To accomplish this, each establishment on the sampling frame is classified into a three-digit SIC grouping. For each group of establishments, a boundary (or cutoff) that divides the certainty establishments from the noncertainty establishments is determined using the Lavallee-Hidiroglou algorithm. If an establishment's measure of size is greater than the cutoff, the establishment is selected "with certainty". Establishments selected "with certainty" were assured of being selected and represented only themselves (i.e., have a selection probability of one and a sampling weight of one). No certainty cutoffs are set for auxiliary establishments because they only make up a small portion of the estimated total value of shipments for all establishments on the sampling frame.

Establishments not selected with certainty makeup the noncertainty universe. We stratify the noncertainty universe by SIC recode, National Transportation Analysis Region (NTAR), and a flag used to differentiate auxiliary establishments from nonauxiliary establishments. Each SIC recode is constructed from a group of related three-digit SIC codes. The NTARs, developed by the Department of Transportation as combinations of Bureau of Economic Analysis (BEA) Areas, collectively provide a mutually exclusive and exhaustive coverage of the United States. Finally, the auxiliary stratification came about because establishments with different types of operation may have different shipping practices. We refer to a particular SIC recode-NTAR-auxiliary flag combination as a primary stratum.

We further stratify the noncertainty establishments within each primary stratum using the measure of size previously described. We refer to these measure-of-size strata as substrata of the primary strata. The measure of size stratification increases the efficiency of the sample design. The Dalenius-Hodges cumulative rule is used to set the substratum boundaries. We then use Neyman allocation to determine the sample size required within each substratum to meet a coefficient of variation constraint on the primary stratum total measure of size. Within each substratum, a simple random sample of establishments is selected without replacement.

To arrive at the final sample size, we allocated additional establishments to some of the strata so that the probability of selecting any establishment is no less than 1 in 100. In total, the first-stage sample comprises 102,739 establishments.

Second Stage

The frame for the second stage of sampling consists of 52 one-week reporting periods (reporting weeks) during the interval from December 29, 1996, to December 26,

1997. Each establishment selected for the 1997 CFS was systematically assigned to report for a group of four reporting weeks throughout the survey year. The four reporting weeks in a given group are separated by 12 weeks. For example, an establishment might be requested to report data for the 5th, 18th, 31st, and 44th weeks of the survey year.

Third Stage

For each of the four reporting weeks in which an establishment is asked to report, we request the respondent to construct a sampling frame that consists of all shipments made by their establishment in each particular reporting week. For any particular reporting week, if an establishment makes 40 or fewer shipments during that week, we ask the respondent to provide information about all of their establishment's shipments from that week, i.e., no sampling is required. For establishments making more than 40 shipments in a given reporting week, we ask the respondent to select a systematic sample of these shipments and to provide us with information only about the selected shipments. The size of a particular respondent's sample for a given reporting week should be between 20 and 40 shipments, depending on the total number of shipments the establishment made during that reporting week.

DATA COLLECTION

Each establishment selected into the CFS sample is mailed a questionnaire for each of its four reporting weeks. For a given establishment, we request the respondent to provide the following information about their establishment's shipments: domestic destination or port of exit, commodity, value, weight, mode(s) of transportation, the date on which the shipment was made, and an indication of whether the shipment was an export, hazardous material, or containerized. For shipments that include more than one commodity, respondents are instructed to report the commodity that makes up the greatest percentage of the shipment's weight. For exports, we also ask the respondent to provide the mode of export and the foreign destination city and country.

We used two versions of the questionnaire to collect data from the sampled establishments—the CFS-1000 and the CFS-2000. Each establishment received the CFS-1000 in each of its first three reporting weeks. However, for the fourth reporting week, a subsample of approximately 25,000 establishments received the CFS-2000, while the remaining establishments received the CFS-1000. The CFS-2000 requests the respondent to provide additional information about their establishment's access to on-site and off-site shipping facilities, as well as transportation equipment. See Appendix E for a copy of each questionnaire.

ESTIMATION

Each shipment has associated with it a single tabulation weight, that is used in computing all estimates to which the shipment contributes. The tabulation weight is a product of seven different weights. A description of each weight follows.

CFS respondents provide data for a sample of shipments made by their respective establishments in the survey year. For each establishment, we produce an estimate of that establishment's total value of shipments for the entire survey year. To do this, we use four different weights, the shipment weight, the shipment nonresponse weight, the quarter weight, and the quarter nonresponse weight.

Like establishments, we identify shipments as either certainty or noncertainty. (See the Nonsampling Error section in Appendix B for a description of how certainty shipments are identified.) For noncertainty shipments, the shipment weight is defined as the ratio of the total number of noncertainty shipments (as reported by the respondent) made by an establishment in a reporting week to the number of sampled noncertainty shipments for the same week. This weight uses the data from the sampled shipments to represent all the establishment's shipments made in the reporting week. However, some respondents fail to provide sufficient information about a sampled shipment. For example, a respondent may not be able to provide value, weight, or a destination ZIP Code for some of the sampled shipments. If these data items cannot be imputed, then these shipments would not contribute to tabulations and are deemed "unusable." (A usable shipment is one that has valid entries for value, weight, and origin and destination ZIP Codes.) To account for these "unusable" shipments, we apply the shipment nonresponse weight. For noncertainty shipments from a particular establishment's reporting week, this weight is equal to the ratio of the number of sampled shipments for the reporting week to the number of "usable" shipments for the same week. The shipment weight and shipment nonresponse weight for certainty shipments from a particular establishment's reporting week are both equal to one.

The quarter weight inflates an establishment's estimate for a particular reporting week to an estimate for the corresponding quarter. For noncertainty shipments, the quarter weight is equal to 13. The quarter weight for most certainty shipments is also equal to 13. However, if a respondent is able to provide information about all large (or certainty) shipments made in the quarter containing the reporting week, then the quarter weight for each of these shipments would be one. For each establishment, the quarterly estimates are added to produce an estimate of the establishment's value of shipments for the entire survey year. Whenever an establishment does not provide the Census Bureau with a response for each of its four reporting weeks, we compute a quarter nonresponse weight. The quarter nonresponse weight for a particular establishment is defined as the ratio of the number of

quarters for which the establishment was in business in the survey year to the total number of quarters (reporting weeks) for which we received usable shipment data from the establishment.

Using these four component weights, we compute an estimate of each establishment's value of shipments for the entire survey year. We then multiply this estimate by a weight that adjusts the estimate using value of shipments and sales data obtained from other Census Bureau surveys and preliminary results of the 1997 Economic Census. This weight, called the establishment-level adjustment weight, attempts to correct for any sampling or nonsampling errors that occur during the sampling of shipments by the respondent.

The adjusted value of shipments estimate for an establishment is then weighted by the establishment weight. This weight is equal to the inverse of the establishment's probability of being selected into the sample.

A final adjustment weight, called the SIC-level adjustment weight, uses preliminary results of the 1997 Economic Census to account for establishments from which we did not receive a response (including establishments from which we did not receive any usable shipment data) and for changes in the population of establishments between the time the first-stage sampling frame was constructed (1995) and the year in which the data were collected (1997). Separate SIC-level adjustment weights are determined for nonauxiliary and auxiliary establishments.

Appendix D.
Standard Classification of Transported Goods Code Information

The commodities shown in this report are classified using the Standard Classification of Transported Goods (SCTG) coding system. The SCTG coding system was created jointly by agencies of the United States and Canadian governments based on the Harmonized System (HS) of product classification which is used worldwide. The purpose of the SCTG coding system was to specifically address statistical needs in regard to products transported.

In the past, Commodity Flow Survey (CFS) data have been collected and reported using product classifications found in the Standard Transportation Commodity Classification (STCC) system. These classifications were developed in the early 1960s by the American Association of Railroads (AAR) to analyze commodity movements by rail. The original purpose of the STCC was for identification of commodities for purposes of assigning rates for Interstate Commerce Commission (ICC) regulated rail carriers. The STCC continues to be used by the AAR as a tariff mechanism.

At the time that the Commodity Transportation Survey (CTS) (the CTS—the predecessor of the CFS) was first conducted in 1963, STCC codes were still useful for analyzing most important aspects of the U.S. transportation system. Since then, many changes have taken place that have gradually made the STCC code less useful for tracking domestic product movements across all modes (although it remains perfectly functional for tracking rail-only movements). These include the deregulation of trucking, the enactment of North American Free Trade Agreement (NAFTA), changes in logistics practices, the emergence of plastics and composite materials to replace metals and glass, the obsolescence of many categories of wood products, and the very rapid recent development of high-tech electronic goods. Because the CFS is a shipper survey, the CFS collects information about shipments moving on all modes. As a consequence, STCC classifications frequently provide inadequate detail for identifying products that are significant for modes, such as truck and air. It is for these reasons that the Bureau of Transportation Statistics (BTS) has sponsored the development of a new product code to collect and report CFS data.

In 1997 the CFS provided respondents with a listing of SCTG codes and descriptions at the five-digit level to use in assigning a commodity code for each shipment. For shipments of more than one commodity, we instructed respondents to use the five-digit code for the major commodity, defined as the commodity of greatest total weight in the shipment.

Additional information on the SCTG system can be found on the Internet through the BTS web page at *http://www.bts.gov.* Comments or questions on the SCTG should be directed to *http://cfs@bts.gov.*

Appendix E.
Sample Report Forms and Instructions

The sample report forms and instructions are shown on the following pages.

Note: The CFS-2000 was sent to a subsample of establishments to obtain additional information about the use of transportation equipment and facilities.

OMB No. 0607-0828: Approval Expires 10/31/99

FORM **CFS-1000**
(11-1-96)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1997 COMMODITY FLOW SURVEY
CENSUS OF TRANSPORTATION

Reporting period:

Please return by:

RETURN TO

BUREAU OF THE CENSUS
1201 East 10th Street
Jeffersonville IN 47132-0001

(Please correct any error in name, address, and ZIP Code)

BEFORE COMPLETING YOUR REPORT, please read the accompanying instruction guide. If book figures are not available for requested data, please provide estimates. If you have any questions, please call 1–800–772–7851.

Through this survey, we are requesting data on a representative sample of your outbound shipments, to help us produce key statistics used by transportation planners and managers. We greatly appreciate your assistance in this program.

Item A Is the establishment name shown in the mailing address correct?

1 ☐ Yes
2 ☐ No — *Enter correct name.*

Item B *Mark (X) the **ONE** box which best describes this establishment during the one-week period shown above.*

1 ☐ In operation
2 ☐ Temporarily or seasonally inactive
3 ☐ Ceased operation — *Give date* →

Month	Day	Year

Item C Is this establishment's physical location the same as the address shown in the label? (PO boxes or rural routes are not physical locations.)

1 ☐ Yes
2 ☐ No — *Enter physical location below.*

Number and street		
City, town, village, etc.	State	ZIP Code

NOTE — The rest of this questionnaire requests information about shipments (or deliveries) from the establishment located at the address in the mailing label.

If you entered a different address in item C — *Please complete the form for shipments originating from the location listed in item C.*

Item D Please enter the **total number** of outbound shipments (or deliveries), including customer pick-up, for the one-week reporting period shown above. If book figures are not available, please provide your best estimate.

This number should reflect all shipments and deliveries leaving this location during the one-week reporting period. *Please see Instruction Guide for a definition of "shipment."*

DO NOT PROCEED UNTIL YOU HAVE COMPLETED ITEM D.

YOUR RESPONSE IS REQUIRED BY LAW. Title 13, United States Code, requires businesses and other organizations that receive this questionnaire to answer the questions and return the report to the Census Bureau. By the same law, **YOUR CENSUS REPORT IS CONFIDENTIAL.** It may be seen only by Census Bureau employees and may be used only for statistical purposes. Further, copies retained in respondents' files are immune from legal process.

Item E SAMPLING INSTRUCTIONS

Our goal in this section is to identify a sample of your shipments that you will provide data on. Through the use of a sample, we can avoid asking you for information on all of your shipments, while still obtaining statistically accurate information.

FINDING YOUR SELECTION RATE

If you reported 40 or fewer shipments in item D, please enter "1" as your selection rate in the box below, then go directly to item F and enter the information for each of your shipments.

If you reported 41 or more shipments in item D, we will now ask you to select and report on a sample of your shipments. Following the steps below will result in a sample of 20 to 40 shipments to report on in item F.

In the table at right, identify the selection rate that corresponds to the number you entered in item D, and enter it in the box below.

Please enter your selection rate. →

Number of shipments entered in item D	Selection rate
1— 40	1
41— 80	2
81— 100	3
101— 200	5
201— 400	10
401— 800	20
801— 1600	40
1601— 3200	80
3201— 6400	160
6401—12800	320
More than 12800	Call Census at 1–800–772–7851

CONTINUE ON NEXT PAGE.

Item F SHIPMENT CHARACTERISTICS

Line No. (a)	Shipment ID Number (b)	Shipment date (c) Month	Shipment date (c) Day	Shipment value (excluding shipping costs) in whole dollars (d)	Shipment weight in pounds (e)	Commodity code from SCTG Manual (f)	Commodity description (g)	If a hazardous material, enter the "UN" or "NA" number (h)
0	123-5	4	26	4,235	140	3 5 1 2 0	Electrical transformers	
00	402H	4	26	125,300	626,500	1 7 1 0 0	Gasoline	1 2 0 3
1								
2								
3								
4								
5								
6								
7								
8								
9								

Mode of transport codes for columns (k) and (n) ▶ **1** — Parcel delivery, courier, or U.S. Postal Service; **2** — Private truck; **3** — For-hire truck; **4** — Railroad

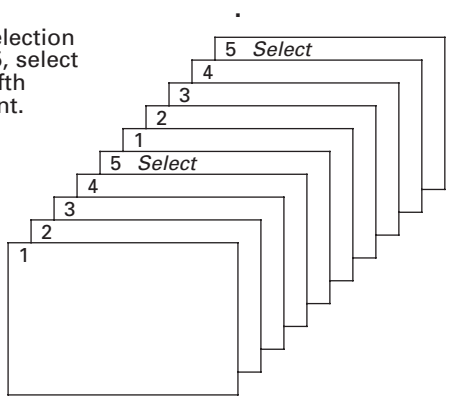
Continued →

SELECTING YOUR SAMPLE OF SHIPMENTS

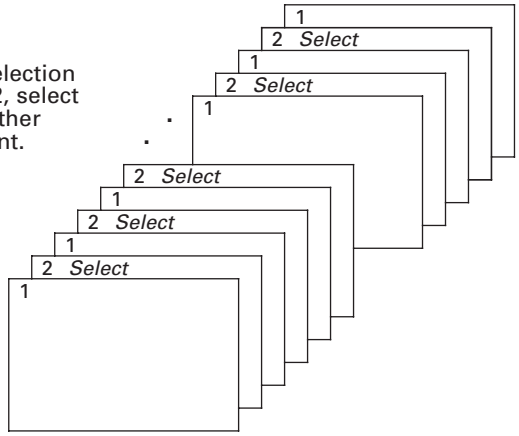
1. Use the file or combination of files that best reflects your full range of outbound shipping activities.
2. Begin with the first shipment. Count the shipments until you reach your selection rate. Select this shipment to report on in item F.
3. Continue counting with the next shipment. Count this shipment as 1 and continue until you reach the selection rate again. Select this shipment to report on in item F.
4. Repeat step 3 until you reach the last shipment for the one-week period. If the last shipment is counted as the selection rate, select this shipment to report on in item F. If the last shipment is not counted as the selection rate, do not report this shipment.

In the following examples, each rectangle represents one shipment.

If the selection rate is 5, select every fifth shipment.



If the selection rate is 2, select every other shipment.



Once you have selected your sample of shipments, please proceed to item F and enter the requested information for each selected shipment. Examples of completed lines for two shipments are provided on lines "0" and "00" below.

If you have difficulties constructing a file of shipments or have questions about how to select the sample of your shipments, please call our toll-free number for assistance: 1–800–772–7851.

Containerized? (Y/N) (i)	U.S. destination ***(Complete for all shipments.)*** (j) City	State	ZIP Code	Mode(s) of transport to U.S. destination *Enter all that apply in order used. Use codes below.* (k)	Export? (Y/N) (l)	Foreign destination (for export shipments only) **Note:** In column (j) enter the U.S. port, airport, or border crossing of exit. (m) City	Country	Export mode (n)	Line No. (o)
N	Los Angeles	CA	90040	2, 4, 3	N				0
N	New York	NY	10454	5	Y	London	England	6	00
									1
									2
									3
									4
									5
									6
									7
									8
									9

5 — Shallow draft vessel
6 — Deep draft vessel
7 — Pipeline
8 — Air
9 — Other mode
0 — Unknown

FORM CFS-1000 (11-1-96)

PLEASE CONTINUE ON PAGE 4.

Item F **SHIPMENT CHARACTERISTICS — Continued**

Line No. (a)	Shipment ID Number (b)	Shipment date (c) Month	Shipment date (c) Day	Shipment value (excluding shipping costs) in whole dollars (d)	Shipment weight in pounds (e)	Commodity code from SCTG Manual (f)	Commodity description (g)	If a hazardous material, enter the "UN" or "NA" number (h)
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								

Mode of transport codes for columns (k) and (n) ▶ **1** — Parcel delivery, courier, or U.S. Postal Service **2** — Private truck **3** — For-hire truck **4** — Railroad

Continued →

Containerized? (Y/N) (i)	U.S. destination ***(Complete for all shipments.)*** (j)			Mode(s) of transport to U.S. destination *Enter all that apply in order used. Use codes below.* (k)	Export? (Y/N) (l)	Foreign destination (for export shipments only) **Note:** In column (j) enter the U.S. port, airport, or border crossing of exit. (m)		Export mode (n)	Line No. (o)
	City	State	ZIP Code			City	Country		
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20
									21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34

5 — Shallow draft vessel
6 — Deep draft vessel
7 — Pipeline
8 — Air
9 — Other mode
0 — Unknown

FORM CFS-1000 (11-1-96)

PLEASE CONTINUE ON PAGE 6.

Item F **SHIPMENT CHARACTERISTICS — Continued**

Line No. (a)	Shipment ID Number (b)	Shipment date (c) Month	Shipment date (c) Day	Shipment value (excluding shipping costs) in whole dollars (d)	Shipment weight in pounds (e)	Commodity code from SCTG Manual (f)	Commodity description (g)	If a hazardous material, enter the "UN" or "NA" number (h)
35								
36								
37								
38								
39								
40								

Mode of transport codes for columns (k) and (n) ▶ **1** — Parcel delivery, courier, or U.S. Postal Service **2** — Private truck **3** — For-hire truck **4** — Railroad

Continued →

Item G

1. Do this establishment's outbound shipments leave more than one site within this physical location?

☐ Yes

☐ No

2. Are the records for outbound shipments from this location maintained in a number of separate files (e.g., separate files for each commodity, or for each shipping site) at this location?

☐ Yes

☐ No

If yes to item G1 or item G2:

3. Would it be easier to receive a separate questionnaire for each file or each shipment site?

☐ Yes

☐ No

Item H

Enter the total value of shipments for the one-week reporting period. This figure should represent all products leaving this establishment for the one-week period. An estimate is acceptable.

Total value in whole dollars

Item I

In the last three months did this location have any individual shipments with a value over $2,000,000?

☐ Yes

☐ No

Item J **CERTIFICATION**

Name of person to contact regarding this report – *Please print*	Telephone number – *Include area code*	Date
Signature	Title	

Containerized? (Y/N) (i)	U.S. destination **(Complete for all shipments.)** (j) City	State	ZIP Code	Mode(s) of transport to U.S. destination *Enter all that apply in order used. Use codes below.* (k)	Export? (Y/N) (l)	Foreign destination (for export shipments only) **Note:** In column (j) enter the U.S. port, airport, or border crossing of exit. (m) City	Country	Export mode (n)	Line No. (o)
									35
									36
									37
									38
									39
									40

5 — Shallow draft vessel
6 — Deep draft vessel
7 — Pipeline
8 — Air
9 — Other mode
0 — Unknown

Remarks

THANK YOU FOR COMPLETING YOUR REPORT

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Page 7

OMB No. 0607-0828: Approval Expires 10/31/99

FORM **CFS-2000**
(6-9-97)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1997 COMMODITY FLOW SURVEY
CENSUS OF TRANSPORTATION

Reporting period:

Please return by:

RETURN TO

BUREAU OF THE CENSUS
1201 East 10th Street
Jeffersonville IN 47132-0001

(Please correct any error in name, address, and ZIP Code)

BEFORE COMPLETING YOUR REPORT, please read the accompanying instruction guide. If book figures are not available for requested data, please provide estimates. If you have any questions, please call 1–800–772–7851.

Through this survey, we are requesting data on a representative sample of your outbound shipments, to help us produce key statistics used by transportation planners and managers. We greatly appreciate your assistance in this program.

Item A Is the establishment name shown in the mailing address correct?

1 ☐ Yes
2 ☐ No — *Enter correct name.*

Item B *Mark (X) the **ONE** box which best describes this establishment during the one-week period shown above.*

1 ☐ In operation
2 ☐ Temporarily or seasonally inactive
3 ☐ Ceased operation — *Give date* →

Month	Day	Year

Item C Is this establishment's physical location the same as the address shown in the label? (PO boxes or rural routes are not physical locations.)

1 ☐ Yes
2 ☐ No — *Enter physical location below.*

Number and street		
City, town, village, etc.	State	ZIP Code

NOTE — The rest of this questionnaire requests information about shipments (or deliveries) from the establishment located at the address in the mailing label.

If you entered a different address in item C — *Please complete the form for shipments originating from the location listed in item C.*

Item D Please enter the **total number** of outbound shipments (or deliveries), including customer pick-up, for the one-week reporting period shown above. If book figures are not available, please provide your best estimate.

This number should reflect all shipments and deliveries leaving this location during the one-week reporting period. *Please see Instruction Guide for a definition of "shipment."*

DO NOT PROCEED UNTIL YOU HAVE COMPLETED ITEM D.

YOUR RESPONSE IS REQUIRED BY LAW. Title 13, United States Code, requires businesses and other organizations that receive this questionnaire to answer the questions and return the report to the Census Bureau. By the same law, **YOUR CENSUS REPORT IS CONFIDENTIAL.** It may be seen only by Census Bureau employees and may be used only for statistical purposes. Further, copies retained in respondents' files are immune from legal process.

U.S. Census Bureau, 1997 Economic Census

Item E SAMPLING INSTRUCTIONS

Our goal in this section is to identify a sample of your shipments that you will provide data on. Through the use of a sample, we can avoid asking you for information on all of your shipments, while still obtaining statistically accurate information.

FINDING YOUR SELECTION RATE

If you reported 40 or fewer shipments in item D, please enter "1" as your selection rate in the box below, then go directly to item F and enter the information for each of your shipments.

If you reported 41 or more shipments in item D, we will now ask you to select and report on a sample of your shipments. Following the steps below will result in a sample of 20 to 40 shipments to report on in item F.

In the table at right, identify the selection rate that corresponds to the number you entered in item D, and enter it in the box below.

Please enter your selection rate. →

Number of shipments entered in item D	Selection rate
1— 40	1
41— 80	2
81— 100	3
101— 200	5
201— 400	10
401— 800	20
801— 1600	40
1601— 3200	80
3201— 6400	160
6401—12800	320
More than 12800	Call Census at 1–800–772–7851

CONTINUE ON NEXT PAGE.

Item F SHIPMENT CHARACTERISTICS

Line No. (a)	Shipment ID Number (b)	Shipment date (c) Month	Shipment date (c) Day	Shipment value (excluding shipping costs) in whole dollars (d)	Shipment weight in pounds (e)	Commodity code from SCTG Manual (f)	Commodity description (g)	If a hazardous material, enter the "UN" or "NA" number (h)
0	123-5	4	26	4,235	140	3 5 1 2 0	Electrical transformers	
00	402H	4	26	125,300	626,500	1 7 1 0 0	Gasoline	1 2 0 3
1								
2								
3								
4								
5								
6								
7								
8								
9								

Mode of transport codes for columns (k) and (n) ▶ **1** — Parcel delivery, courier, or U.S. Postal Service **2** — Private truck **3** — For-hire truck **4** — Railroad

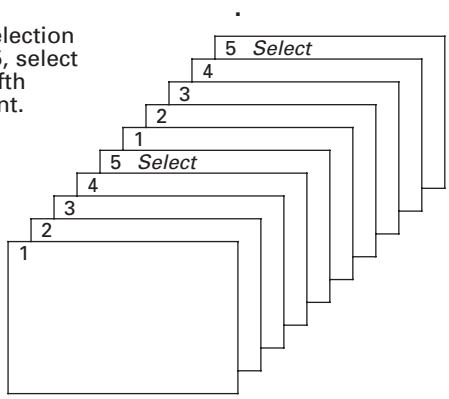
Continued →

SELECTING YOUR SAMPLE OF SHIPMENTS

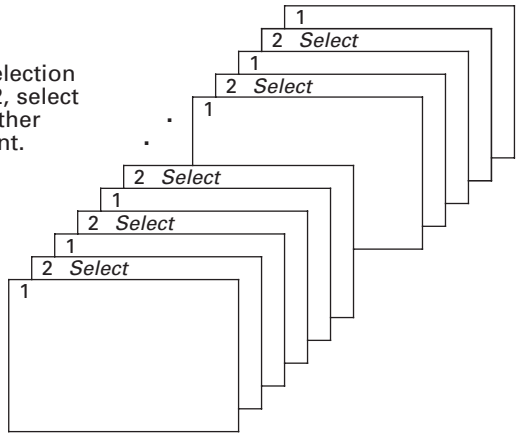
1. Use the file or combination of files that best reflects your full range of outbound shipping activities.
2. Begin with the first shipment. Count the shipments until you reach your selection rate. Select this shipment to report on in item F.
3. Continue counting with the next shipment. Count this shipment as 1 and continue until you reach the selection rate again. Select this shipment to report on in item F.
4. Repeat step 3 until you reach the last shipment for the one-week period. If the last shipment is counted as the selection rate, select this shipment to report on in item F. If the last shipment is not counted as the selection rate, do not report this shipment.

In the following examples, each rectangle represents one shipment.

If the selection rate is 5, select every fifth shipment.



If the selection rate is 2, select every other shipment.



Once you have selected your sample of shipments, please proceed to item F and enter the requested information for each selected shipment. Examples of completed lines for two shipments are provided on lines "0" and "00" below.

If you have difficulties constructing a file of shipments or have questions about how to select the sample of your shipments, please call our toll-free number for assistance: 1–800–772–7851.

Containerized? (Y/N) (i)	U.S. destination ***(Complete for all shipments.)*** (j) City	State	ZIP Code	Mode(s) of transport to U.S. destination *Enter all that apply in order used. Use codes below.* (k)	Export? (Y/N) (l)	Foreign destination (for export shipments only) **Note:** In column (j) enter the U.S. port, airport, or border crossing of exit. (m) City	Country	Export mode (n)	Line No. (o)
N	Los Angeles	CA	90040	2, 4, 3	N				0
N	New York	NY	10454	5	Y	London	England	6	00
									1
									2
									3
									4
									5
									6
									7
									8
									9

5 — Shallow draft vessel
6 — Deep draft vessel
7 — Pipeline
8 — Air
9 — Other mode
0 — Unknown

FORM CFS-2000 (6-9-97)

PLEASE CONTINUE ON PAGE 4.

Item F **SHIPMENT CHARACTERISTICS — Continued**

Line No. (a)	Shipment ID Number (b)	Shipment date (c) Month	Shipment date (c) Day	Shipment value (excluding shipping costs) in whole dollars (d)	Shipment weight in pounds (e)	Commodity code from SCTG Manual (f)	Commodity description (g)	If a hazardous material, enter the "UN" or "NA" number (h)
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								

Mode of transport codes for columns (k) and (n) ▶ **1** — Parcel delivery, courier, or U.S. Postal Service **2** — Private truck **3** — For-hire truck **4** — Railroad

Continued →

Containerized? (Y/N) (i)	U.S. destination ***(Complete for all shipments.)*** (j)			Mode(s) of transport to U.S. destination *Enter all that apply in order used. Use codes below.* (k)	Export? (Y/N) (l)	Foreign destination (for export shipments only) **Note:** In column (j) enter the U.S. port, airport, or border crossing of exit. (m)		Export mode (n)	Line No. (o)
	City	State	ZIP Code			City	Country		
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20
									21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34

5 — Shallow draft vessel
6 — Deep draft vessel
7 — Pipeline
8 — Air
9 — Other mode
0 — Unknown

FORM CFS-2000 (6-9-97)

PLEASE CONTINUE ON PAGE 6.

Item F **SHIPMENT CHARACTERISTICS — Continued**

Line No. (a)	Shipment ID Number (b)	Shipment date (c) Month	Shipment date (c) Day	Shipment value (excluding shipping costs) in whole dollars (d)	Shipment weight in pounds (e)	Commodity code from SCTG Manual (f)	Commodity description (g)	If a hazardous material, enter the "UN" or "NA" number (h)
35								
36								
37								
38								
39								
40								

Mode of transport codes for columns (k) and (n) ▶ **1** — Parcel delivery, courier, or U.S. Postal Service **2** — Private truck **3** — For-hire truck **4** — Railroad

Continued →

Item G Enter the total dollar value of **all** shipments for the one-week reporting period. This figure should represent all products leaving this establishment for the one-week period. An estimate is acceptable.

Total value in whole dollars

Item H In the last three months did this location have any individual shipments with a value over $2,000,000?

☐ Yes

☐ No

Item I **AVAILABILITY AND USE OF ON-SITE SHIPPING FACILITIES**

In column (b), check "Yes" or "No" for each type of shipping facility to indicate whether or not this type of facility existed **on-site** during 1997. For each "Yes" in column (b), check "Yes" or "No" in column (c) to indicate whether or not you used the facility on your premises for **outbound shipments** during 1997.

Type of shipping facility (a)	Was a shipping facility of this type on your premises during 1997? (b)	Did you **use** this facility on your premises for **outbound shipments** during 1997? (c)
1. Rail siding	1 ☐ Yes → 2 ☐ No	1 ☐ Yes 2 ☐ No
2. Dock on the Great Lakes	1 ☐ Yes → 2 ☐ No	1 ☐ Yes 2 ☐ No
3. Dock on inland water	1 ☐ Yes → 2 ☐ No	1 ☐ Yes 2 ☐ No
4. Dock on deep sea water	1 ☐ Yes → 2 ☐ No	1 ☐ Yes 2 ☐ No
5. Airport/landing strip capable of handling your shipments	1 ☐ Yes → 2 ☐ No	1 ☐ Yes 2 ☐ No
6. Pipeline terminal	1 ☐ Yes → 2 ☐ No	1 ☐ Yes 2 ☐ No

Containerized? (Y/N) (i)	U.S. destination ***(Complete for all shipments.)*** (j) City	State	ZIP Code	Mode(s) of transport to U.S. destination *Enter all that apply in order used. Use codes below.* (k)	Export? (Y/N) (l)	Foreign destination (for export shipments only) **Note:** In column (j) enter the U.S. port, airport, or border crossing of exit. (m) City	Country	Export mode (n)	Line No. (o)
									35
									36
									37
									38
									39
									40

5 — Shallow draft vessel
6 — Deep draft vessel
7 — Pipeline
8 — Air
9 — Other mode
0 — Unknown

Item J USE OF OFF-SITE SHIPPING FACILITIES

In column (b), check "Yes" or "No" for each type of shipping facility to indicate whether or not you used an **off-site** facility of that type for **outbound shipments** during 1997. For each "Yes", enter the miles to that off-site facility in column (c), and the mode of transport used to reach that facility in column (d). The modes are listed below.

Type of shipping facility (a)	Did you **use** this type of off-site facility for **outbound shipments** during 1997? (b)	Distance to the off-site facility of this type that you used most in 1997 *(Report in miles – estimates are acceptable)* (c)	Mode of transport used to reach that facility *(Enter a code from the list below)* (d)
1. Rail siding	1 ☐ Yes → 2 ☐ No		
2. Dock on the Great Lakes	1 ☐ Yes → 2 ☐ No		
3. Dock on inland water	1 ☐ Yes → 2 ☐ No		
4. Dock on deep sea water	1 ☐ Yes → 2 ☐ No		
5. Airport/landing strip capable of handling your shipments	1 ☐ Yes → 2 ☐ No		
6. Pipeline terminal	1 ☐ Yes → 2 ☐ No		

1 – Trailer on Flat Car (TOFC)
2 – Private Truck
3 – For-Hire Truck
4 – Rail
5 – Water
6 – Pipeline
7 – Air
8 – Other

PLEASE CONTINUE ON PAGE 8.

Item K USE AND AVAILABILITY OF TRANSPORTATION EQUIPMENT

During 1997, did this location use any of the following types of equipment for outbound shipments? Please check "Yes" or "No." For rail cars reported in number 1 below, enter the approximate percentage of your total outbound rail shipments that used that type of rail car. These percentages should add to 100%. If you had no rail shipments, leave the percentages blank.

Equipment (a)	Was this type of equipment used for outbound shipments during 1993? (b)	Percentage of total rail shipments (c)
1. Rail cars that:		
a. Your company owned/leased	1 ☐ Yes → 2 ☐ No	
b. A common carrier owned/leased	1 ☐ Yes → 2 ☐ No	
c. Another party owned/leased (e.g. receiver)	1 ☐ Yes → 2 ☐ No	
2. Trucks with 6 or more tires or truck-tractors that:		
a. Your company owned	1 ☐ Yes 2 ☐ No	
b. Your company leased, with driver	1 ☐ Yes 2 ☐ No	
c. Your company leased, without driver	1 ☐ Yes 2 ☐ No	
3. Truck trailers that your company owned or leased	1 ☐ Yes 2 ☐ No	
4. Aircraft that your company owned or leased	1 ☐ Yes 2 ☐ No	
5. Barges that your company owned or leased	1 ☐ Yes 2 ☐ No	
6. Other equipment that your company owned or leased – *Specify* ↙	1 ☐ Yes 2 ☐ No	

Item L TRANSPORTATION DECISIONS

During 1997, who generally decided on the mode of transportation for your outbound shipments? *Check the appropriate box.*

1 ☐ Your company 2 ☐ Receiver of shipment 3 ☐ Other

Remarks

Item M CERTIFICATION

Name of person to contact regarding this report – *Please print*	Telephone number – *Include area code*	Date
Signature	Title	

Instructions for Completing the Commodity Flow Survey

TIPS FOR COMPLETING THE CFS QUESTIONNAIRE

Please read all instructions.

You may use estimates if book figures are not readily available.

If you have questions about completing the survey, a Census Bureau representative will be glad to assist you. You can call us at 1-800-772-7851.

Some instructions are included on the questionnaire itself. However, due to space limitations, most of the instructions and definitions are included in separate reference materials. These include this instruction guide, and a listing of commodity codes to be used for classifying individual shipments in this survey.

PART I – GENERAL INFORMATION

Frequently Asked Questions About the Commodity Flow Survey (CFS)

Why are you conducting the CFS?

The CFS produces valuable measures of the demands on the nation's transportation system.

The results of the CFS are used by transportation policy makers to analyze future transportation needs.

Who reports in the CFS?

The CFS covers a sample of establishments in the mining, manufacturing, wholesale, and selected retail industries.

Why is my participation important?

Your establishment was selected as part of a sample designed to represent a wide range of industries and geographic regions.

Your report helps ensure quality results.

Is this survey mandatory?

Yes. The CFS is mandatory under the authority of Title 13, United States Code (USC).

Will my data be kept confidential?

Yes. The same law that requires your participation, Title 13, USC, also guarantees your data will be kept strictly confidential.

The reports you provide the Census Bureau cannot be used for purposes of taxation, regulation, or investigation.

Your report is used only to develop summary data that do not reveal the activities of individual firms or establishments.

How often must I report?

You will be sent four questionnaires in all: one during each quarter of 1997.

The CFS will not be conducted again until 2002.

PART II – INSTRUCTIONS FOR COMPLETING YOUR QUESTIONNAIRE

Items A – C

Please enter the information requested on your establishment's name, operational status, and physical location.

Item D

Enter in the space provided your total number of outbound shipments **for the one week reporting period** on the front of the questionnaire.

Please include in this count any materials picked up by the customer ("customer pick-up").

What we mean by a "shipment":

For the purposes of this survey, a shipment is a single movement of goods, commodities, products, etc. from your location to a customer or to another location of your company.

"Commodities" refer to items that your location produces, sells, or distributes, *not* to items that are considered by-products of your location's operation.

What we don't mean by a "shipment":

Do *not* include as shipments items such as inter-office memos, payroll checks, business correspondence, etc.

Do *not* include as shipments items such as refuse, scrap paper, waste, and recyclable materials **unless** your location is in the business of selling or providing these materials to others.

A special note about "shipments":

A full, or partial, truckload should be counted as a single shipment only if all the commodities on the truck are destined for one location.

If a truck makes multiple deliveries on a route, **please count each stop as one shipment.**

Item E: Sampling Instructions

If you reported 40 or fewer shipments in Item D, complete Item F (Shipment Characteristics) for all of your shipments covered by the one-week reporting period.

If you reported more than 40 shipments in Item D, follow the instructions in Item E in order to select a sample of shipments on which to report in Item F.

By asking you to select a sample of your shipments for the one-week reporting period, we avoid asking you for information on all your shipments, while still obtaining statistically accurate information.

Reminder: The files you are sampling from should reflect the full range of your location's shipping activities in terms of modes of transportation used, commodities shipped, and destinations.

We're here to answer your questions! If you have questions about the sampling process (or any part of the questionnaire) please call us at 1-800-772-7851.

PART II – INSTRUCTIONS FOR COMPLETING YOUR QUESTIONNAIRE – Continued

Item F: Shipment Characteristics

- **Shipment ID Number (column b) –** Enter the invoice number, shipment number, or some other unique identification number that your establishment could use to find this particular shipping document if questions arise regarding your report.
- **Shipment Date (column c) –** Enter the month and day of the shipment. If shipment date is not available, use the invoice/shipping document date. Use numbers only.
- **Shipment Value (column d) –** Enter the dollar value, in whole dollars, of the entire shipment. The value should not include freight charges or excise taxes (i.e., report the net selling value, f.o.b. plant). If the value is not readily available from your records, please estimate.
- **Shipment Weight (column e) –** Enter the weight of the total shipment in whole pounds. If weight is not readily available from your records, please estimate.
- **Commodity Code (column f) –** Please use the list of Standard Classification of Transported Goods (SCTG) Codes in the enclosed SCTG Manual to select the proper code. For shipments with more than one commodity, enter only the code for the commodity with the greatest weight.
- **Commodity Description (column g) –** Enter a brief description of the commodity shipped. For shipments with more than one commodity, describe only the commodity with the greatest weight. Do not use trade names, catalog numbers, or other codes not familiar to persons outside your business.

Item F SHIPMENT CHARACTERISTICS

Line No. (a)	Shipment ID Number (b)	Shipment date (c) Month	Shipment date (c) Day	Shipment value (excluding shipping costs) in whole dollars (d)	Shipment weight in pounds (e)	Commodity code from SCTG Manual (f)	Commodity description (g)
0	123-5	4	26	4,235	140	3 6 1 2 0	Electrical transformers
00	123-6	4	26	125,300	626,500	1 7 1 0 0	Gasoline
1							
2							
3							
4							

Mode of transport codes for columns (k) and (n) ▶ **1** — Parcel delivery, courier, or U.S. Postal Service; **2** — Private truck; **3** — For-hire truck; **4** — Railroad

Continued →

PART II – INSTRUCTIONS FOR COMPLETING YOUR QUESTIONNAIRE – Continued

Item F: Shipment Characteristics – Continued

- **For Hazardous Materials (column h) –** If shipment is a hazardous material, enter the 4-digit United Nations or North American number.
- **Containerized (column i) –** Indicate whether or not the shipment was containerized by entering "Y" or "N" (yes or no). Containerized means that the shipment **left your establishment** in an intermodal container or stackable tank without permanently attached wheels. These containers typically vary from 20 to 53 feet in length, and are carried on truck chassis, trains, and ships.
- **U.S. Destination: City, State, and ZIP Code (column j) –** For domestic shipments, enter the city, state, and 5-digit ZIP Code of the buyer/receiver as it appears on the shipping document. Use the **"ship to"** address. Use the two letter state abbreviation shown in Part IV.

  For **export shipments,** report the U.S. **port of exit** as the destination city. The port of exit is the port or airport from which the shipment left the country. In case of land shipments into Mexico or Canada, it is the border crossing.
- **Mode(s) of Transport (column k) –** Enter the code(s) for **all** modes of transport used for the shipment to its U.S. destination (i.e., the destination reported in column j). Codes are located on the bottom of pages 2, 3, 4, and 5 of the questionnaire. Enter in the sequence used, all that apply. See Part III for definitions of each mode.

  For Customer Pick-up: Report the mode(s) of transportation used, if known. Otherwise, report mode as "0" (unknown).

  For Export Shipments: List only the mode(s) of transport used to reach the port, airport, or border crossing of exit.

If a hazardous material, enter the "UN" or "NA" number (h)	Containerized? (Y/N) (i)	U.S. destination (j)			Mode(s) of transport to U.S. destination *Enter all that apply using codes shown below.* (k)
		City	State	ZIP Code	
	N	Los Angeles	CA	90040	2, 4, 3
	N	New York	NY	10454	5

PART II – INSTRUCTIONS FOR COMPLETING YOUR QUESTIONNAIRE – Continued

Item F: Shipment Characteristics – Continued

- **Export Shipment (column l) –** Indicate whether or not the shipment is intended for export outside of the United States, by entering a "Y" or "N" (yes or no). For purposes of this survey, shipments to Puerto Rico and U.S. territories and possessions are considered exports.
- **Foreign Destination: City and Country (column m) –-** If the shipment is an export, enter the foreign city and country of destination. **For U.S. Destination (column j),** enter the U.S. port , airport, or border crossing of exit. **In column (k),** enter the mode of transport used to the U.S. destination.
- **Export Mode (column n) –** If the shipment is an export, enter the code for the mode of transport by which the shipment left the country. Codes are located at the bottom of pages 2, 3, 4, and 5 of the questionnaire.

Export? *(Y/N)* (l)	Foreign destination (for export shipments only) **Note:** In column (j) enter the U.S. port, airport, or border crossing of exit. (m)		Export mode (n)	Line No. (o)
	City	Country		
N				0
Y	London	England	6	00
				1
				2
				3
				4
				5

Items G – I

Please enter the information requested.

Item J: Certification

Please enter the name and telephone number of the person to contact in the event that we have a question about your report.

PART III – MODE DEFINITIONS

Parcel delivery/Courier/U.S. Postal Service – Delivery services that carry letters, parcels, packages, and other small shipments that typically weigh less than 100 pounds. Includes bus parcel delivery service.

Private truck – Trucks operated by a temporary or permanent employee of this establishment or the buyer/receiver of the shipment.

For-hire truck – Trucks that carry freight for a fee collected from the shipper, recipient of the shipment, or an arranger of the transportation.

Railroad– Any common carrier or private railroad.

Shallow draft vessel – Barges, ships, or ferries operating primarily on rivers and canals; in harbors, the Great Lakes, the Saint Lawrence Seaway; the Intracoastal Waterway, the Inside Passage to Alaska, major bays and inlets; or in the ocean close to the shoreline.

Deep draft vessel – Barges, ships, or ferries operating primarily in the open ocean. Shipping on the Great Lakes and the Saint Lawrence Seaway is classified with shallow draft vesels.

Pipeline – Movements of oil, petroleum, gas, slurry, etc. through pipelines that extend to other establishments or locations beyond the shipper's establishment. Aqueducts for the movement of water are not included.

Air – Commercial or private aircraft, and all air service for shipments that typically weigh more than 100 pounds. Includes air freight and air express.

Other mode – Any mode not listed above.

Unknown – The shipment was not carried by a parcel delivery/courier/U.S. Postal service, and you cannot determine what mode of transportation is used.

Note: Commodities that are "shipped" under their own power, such as boats, barges, ferries, ships, aircraft, trucks, and trains **should be classified with the appropriate mode above.** Commodities shipped under their own power for which an appropriate mode is not listed (e.g., buses, recreational vehicles) should be listed as **"other" mode.**

PART IV -- STATE ABBREVIATION LIST

State	Abbrev.	State	Abbrev.
Alabama	AL	Montana	MT
Alaska	AK	Nebraska	NE
Arizona	AZ	Nevada	NV
Arkansas	AR	New Hampshire	NH
California	CA	New Jersey	NJ
Colorado	CO	New Mexico	NM
Connecticut	CT	New York	NY
Delaware	DE	North Carolina	NC
Dist. of Col.	DC	North Dakota	ND
Florida	FL	Ohio	OH
Georgia	GA	Oklahoma	OK
Hawaii	HI	Oregon	OR
Idaho	ID	Pennsylvania	PA
Illinois	IL	Rhode Island	RI
Indiana	IN	South Carolina	SC
Iowa	IA	South Dakota	SD
Kansas	KS	Tennessee	TN
Kentucky	KY	Texas	TX
Louisiana	LA	Utah	UT
Maine	ME	Vermont	VT
Maryland	MD	Virginia	VA
Massachusetts	MA	Washington	WA
Michigan	MI	West Virginia	WV
Minnesota	MN	Wisconsin	WI
Mississippi	MS	Wyoming	WY
Missouri	MO		

NOTICE - We estimate that it will take an average of 2 hours to complete this form. This includes time to read instructions, assemble and review information, and record answers on the form. If you have any comments regarding this estimate or any other aspect of this survey, send them to the Associate Director for Administration, Attn: Paperwork Reduction Project 0607-0189, Room 3104, Federal Building 3, Bureau of the Census, Washington, DC 20233-0001. Respondents are not required to respond to any information collection unless it displays a valid approval number in the top right corner on the front of the questionnaire.