East North Central Division

1997

Issued April 2000

EC97TCF-DIV(3)

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 Division: 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	**1 462 475**	**100.0**	**2 140 708**	**100.0**	**423 366**	**100.0**	**425**
Single modes	**1 223 540**	**83.7**	**2 034 227**	**95.0**	**380 594**	**89.9**	**179**
Truck[1]	1 091 456	74.6	1 626 086	76.0	210 073	49.6	143
For-hire truck	727 266	49.7	852 605	39.8	161 439	38.1	387
Private truck	356 016	24.3	755 394	35.3	46 545	11.0	48
Rail	89 250	6.1	232 090	10.8	103 035	24.3	649
Water	9 303	.6	98 090	4.6	61 410	14.5	S
Shallow draft	7 992	.5	63 262	3.0	50 200	11.9	S
Great Lakes	1 309	–	34 826	1.6	11 200	2.6	328
Deep draft	S	S	S	S	S	S	4 897
Air (includes truck and air)	17 627	1.2	801	–	744	.2	1 154
Pipeline[2]	15 905	1.1	77 161	3.6	S	S	S
Multiple modes	**177 775**	**12.2**	**49 563**	**2.3**	**32 063**	**7.6**	**659**
Parcel, U.S. Postal Service or courier	141 285	9.7	5 071	.2	3 058	.7	657
Truck and rail	34 422	2.4	12 749	.6	12 900	3.0	1 392
Truck and water	297	–	8 108	.4	4 439	1.0	3 794
Rail and water	358	–	12 504	.6	7 829	1.8	1 168
Other multiple modes	1 413	.1	11 131	.5	3 837	.9	S
Other and unknown modes	**61 160**	**4.2**	**56 918**	**2.7**	**10 709**	**2.5**	**102**

– 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 Division: 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	**1 462 475**	**1 250 316**	**17.0**	**2 140 708**	**1 770 453**	**20.9**	**423 366**	**375 737**	**12.7**	**425**	**395**	**7.5**
Single modes	**1 223 540**	**1 066 330**	**14.7**	**2 034 227**	**1 662 652**	**22.3**	**380 594**	**334 996**	**13.6**	**179**	**173**	**3.4**
Truck[1]	1 091 456	965 817	13.0	1 626 086	1 286 183	26.4	210 073	181 330	15.9	143	139	3.5
For-hire truck	727 266	634 381	14.6	852 605	609 283	39.9	161 439	141 030	14.5	387	394	–1.6
Private truck	356 016	327 925	8.6	755 394	672 083	12.4	46 545	39 170	18.8	48	50	–4.2
Rail	89 250	63 226	41.2	232 090	221 196	4.9	103 035	102 035	1.0	649	638	1.7
Water	9 303	6 772	37.4	98 090	80 940	21.2	61 410	45 677	34.4	S	533	S
Shallow draft	7 992	5 736	39.3	63 262	52 349	20.8	50 200	36 615	37.1	S	491	S
Great Lakes	1 309	S	S	34 826	28 394	22.7	11 200	8 640	29.6	328	530	–38.0
Deep draft	S	S	S	S	S	S	S	S	S	4 897	3 810	28.5
Air (includes truck and air)	17 627	17 586	.2	801	691	15.9	744	630	18.2	1 154	1 160	–.5
Pipeline[2]	15 905	12 929	23.0	77 161	73 642	4.8	S	S	S	S	S	S
Multiple modes	**177 775**	**142 161**	**25.1**	**49 563**	**50 728**	**–2.3**	**32 063**	**32 943**	**–2.7**	**659**	**637**	**3.4**
Parcel, U.S. Postal Service or courier	141 285	106 604	32.5	5 071	4 050	25.2	3 058	2 384	28.2	657	635	3.6
Truck and rail	34 422	32 289	6.6	12 749	7 170	77.8	12 900	8 458	52.5	1 392	1 272	9.5
Truck and water	297	S	S	8 108	S	S	4 439	S	S	3 794	2 934	29.3
Rail and water	358	479	–25.3	12 504	12 736	–1.8	7 829	7 856	–.3	1 168	512	127.9
Other multiple modes	1 413	S	S	11 131	7 617	46.1	3 837	3 323	15.5	S	1 567	S
Other and unknown modes	**61 160**	**41 825**	**46.2**	**56 918**	**57 072**	**–.3**	**10 709**	**7 798**	**37.3**	**102**	**232**	**–56.1**

– 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 1c. **Shipment Characteristics by Mode of Transportation for the Division: 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	**83.7**	**85.3**	**95.0**	**93.9**	**89.9**	**89.2**
Truck[1]	74.6	77.2	76.0	72.6	49.6	48.3
For-hire truck	49.7	50.7	39.8	34.4	38.1	37.5
Private truck	24.3	26.2	35.3	38.0	11.0	10.4
Rail	6.1	5.1	10.8	12.5	24.3	27.2
Water	.6	.5	4.6	4.6	14.5	12.2
Shallow draft	.5	.5	3.0	3.0	11.9	9.7
Great Lakes	–	S	1.6	1.6	2.6	2.3
Deep draft	S	S	S	S	S	S
Air (includes truck and air)	1.2	1.4	–	–	.2	.2
Pipeline[2]	1.1	1.0	3.6	4.2	S	S
Multiple modes	**12.2**	**11.4**	**2.3**	**2.9**	**7.6**	**8.8**
Parcel, U.S. Postal Service or courier	9.7	8.5	.2	.2	.7	.6
Truck and rail	2.4	2.6	.6	.4	3.0	2.3
Truck and water	–	S	.4	S	1.0	S
Rail and water	–	–	.6	.7	1.8	2.1
Other multiple modes	.1	S	.5	.4	.9	.9
Other and unknown modes	**4.2**	**3.3**	**2.7**	**3.2**	**2.5**	**2.1**

– 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 2. **Shipment Characteristics by Total Modal Activity for the Division: 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	**423 366**	**100.0**	**419**
Truck	211 489	50.0	141
Rail	117 832	27.8	878
Shallow draft	57 143	13.5	S
Great Lakes	16 437	3.9	239
Deep draft	S	S	6 006
Air	682	.2	1 075
Parcel, U.S. Postal Service or courier	3 058	.7	657
Pipeline	S	S	S
Other and unknown modes	10 720	2.5	102

– 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]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 Division: 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	**1 462 475**	**100.0**	**2 140 708**	**100.0**	**423 366**	**100.0**
Less than 50 miles	419 619	28.7	1 276 818	59.6	28 834	6.8
50 to 99 miles	130 965	9.0	203 961	9.5	18 878	4.5
100 to 249 miles	261 600	17.9	273 376	12.8	58 000	13.7
250 to 499 miles	249 747	17.1	185 370	8.7	90 223	21.3
500 to 749 miles	173 243	11.8	110 327	5.2	95 730	22.6
750 to 999 miles	86 859	5.9	52 161	2.4	59 144	14.0
1,000 to 1,499 miles	63 495	4.3	18 294	.9	26 424	6.2
1,500 to 1,999 miles	67 482	4.6	17 972	.8	39 727	9.4
2,000 miles or more	9 466	.6	2 431	.1	6 407	1.5
Single modes	**1 223 540**	**100.0**	**2 034 227**	**100.0**	**380 594**	**100.0**
Less than 50 miles	368 096	30.1	1 234 356	60.7	27 898	7.3
50 to 99 miles	117 771	9.6	197 875	9.7	18 194	4.8
100 to 249 miles	231 652	18.9	251 884	12.4	52 547	13.8
250 to 499 miles	209 706	17.1	168 852	8.3	81 159	21.3
500 to 749 miles	135 823	11.1	101 696	5.0	88 617	23.3
750 to 999 miles	64 886	5.3	47 435	2.3	53 282	14.0
1,000 to 1,499 miles	44 702	3.7	15 908	.8	22 907	6.0
1,500 to 1,999 miles	45 117	3.7	14 575	.7	31 826	8.4
2,000 miles or more	5 785	.5	1 646	–	4 164	1.1
Truck[1]	**1 091 456**	**100.0**	**1 626 086**	**100.0**	**210 073**	**100.0**
Less than 50 miles	348 369	31.9	1 103 891	67.9	24 907	11.9
50 to 99 miles	111 357	10.2	169 387	10.4	15 014	7.1
100 to 249 miles	210 496	19.3	170 351	10.5	34 066	16.2
250 to 499 miles	184 415	16.9	94 408	5.8	41 307	19.7
500 to 749 miles	110 042	10.1	44 531	2.7	32 677	15.6
750 to 999 miles	53 309	4.9	20 759	1.3	21 014	10.0
1,000 to 1,499 miles	34 804	3.2	10 619	.7	15 069	7.2
1,500 to 1,999 miles	34 642	3.2	10 976	.7	23 205	11.0
2,000 miles or more	4 022	.4	1 164	–	2 812	1.3
For-hire truck	**727 266**	**100.0**	**852 605**	**100.0**	**161 439**	**100.0**
Less than 50 miles	135 938	18.7	479 428	56.2	11 476	7.1
50 to 99 miles	63 176	8.7	99 066	11.6	8 824	5.5
100 to 249 miles	159 043	21.9	118 340	13.9	24 325	15.1
250 to 499 miles	159 232	21.9	80 807	9.5	35 454	22.0
500 to 749 miles	95 475	13.1	38 068	4.5	27 952	17.3
750 to 999 miles	47 188	6.5	16 562	1.9	16 896	10.5
1,000 to 1,499 miles	31 856	4.4	9 751	1.1	13 827	8.6
1,500 to 1,999 miles	31 616	4.3	9 548	1.1	20 188	12.5
2,000 miles or more	3 742	.5	1 036	.1	2 496	1.5
Private truck	**356 016**	**100.0**	**755 394**	**100.0**	**46 545**	**100.0**
Less than 50 miles	210 437	59.1	611 749	81.0	13 122	28.2
50 to 99 miles	47 374	13.3	68 114	9.0	5 993	12.9
100 to 249 miles	49 341	13.9	50 523	6.7	9 453	20.3
250 to 499 miles	23 942	6.7	12 835	1.7	5 530	11.9
500 to 749 miles	13 508	3.8	5 982	.8	4 357	9.4
750 to 999 miles	5 622	1.6	3 944	.5	3 863	8.3
1,000 to 1,499 miles	2 827	.8	816	.1	1 169	2.5
1,500 to 1,999 miles	2 710	.8	1 335	.2	2 821	6.1
2,000 miles or more	256	–	96	–	237	.5
Rail	**89 250**	**100.0**	**232 090**	**100.0**	**103 035**	**100.0**
Less than 50 miles	8 374	9.4	67 763	29.2	2 264	2.2
50 to 99 miles	2 882	3.2	20 663	8.9	2 448	2.4
100 to 249 miles	13 495	15.1	39 755	17.1	10 178	9.9
250 to 499 miles	20 693	23.2	49 983	21.5	28 029	27.2
500 to 749 miles	18 716	21.0	32 339	13.9	28 701	27.9
750 to 999 miles	7 992	9.0	12 566	5.4	14 182	13.8
1,000 to 1,499 miles	7 978	8.9	5 035	2.2	7 531	7.3
1,500 to 1,999 miles	7 917	8.9	3 533	1.5	8 479	8.2
2,000 miles or more	1 204	1.3	451	.2	1 223	1.2
Water	**9 303**	**100.0**	**98 090**	**100.0**	**61 410**	**100.0**
Less than 50 miles	1 708	18.4	12 937	13.2	227	.4
50 to 99 miles	218	2.3	2 654	2.7	308	.5
100 to 249 miles	696	7.5	22 779	23.2	5 182	8.4
250 to 499 miles	895	9.6	20 972	21.4	10 557	17.2
500 to 749 miles	3 976	42.7	24 722	25.2	27 137	44.2
750 to 999 miles	1 809	19.4	14 024	14.3	17 987	29.3
1,000 to 1,499 miles	–	–	–	–	–	–
1,500 to 1,999 miles	–	–	–	–	–	–
2,000 miles or more	S	S	S	S	S	S
Shallow draft	**7 992**	**100.0**	**63 262**	**100.0**	**50 200**	**100.0**
Less than 50 miles	1 149	14.4	9 842	15.6	217	.4
50 to 99 miles	S	S	S	S	S	S
100 to 249 miles	492	6.2	S	S	2 262	4.5
250 to 499 miles	701	8.8	5 464	8.6	3 802	7.6
500 to 749 miles	3 778	47.3	23 393	37.0	25 808	51.4
750 to 999 miles	1 809	22.6	14 024	22.2	17 987	35.8
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 Division: 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	**1 309**	**100.0**	**34 826**	**100.0**	**11 200**	**100.0**
Less than 50 miles	S	S	S	S	S	S
50 to 99 miles	156	11.9	1 457	4.2	184	1.6
100 to 249 miles	203	15.5	13 436	38.6	2 920	26.1
250 to 499 miles	194	14.8	15 509	44.5	6 755	60.3
500 to 749 miles	S	S	S	S	S	S
750 to 999 miles	–	–	–	–	–	–
1,000 to 1,499 miles	–	–	–	–	–	–
1,500 to 1,999 miles	–	–	–	–	–	–
2,000 miles or more	–	–	–	–	–	–
Deep draft	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 miles	S	S	S	S	S	S
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	S	S	S	S	S	S
Air (includes truck and air)	**17 627**	**100.0**	**801**	**100.0**	**744**	**100.0**
Less than 50 miles	–	–	–	–	–	–
50 to 99 miles	1 707	9.7	51	6.4	9	1.2
100 to 249 miles	3 276	18.6	231	28.8	61	8.2
250 to 499 miles	2 877	16.3	164	20.4	113	15.2
500 to 749 miles	3 089	17.5	103	12.9	100	13.5
750 to 999 miles	1 777	10.1	86	10.7	99	13.3
1,000 to 1,499 miles	1 784	10.1	70	8.8	102	13.7
1,500 to 1,999 miles	2 559	14.5	66	8.3	142	19.1
2,000 miles or more	558	3.2	30	3.7	118	15.9
Pipeline[2]	**15 905**	**100.0**	**77 161**	**100.0**	**S**	**S**
Less than 50 miles	9 646	60.7	49 765	64.5	S	S
50 to 99 miles	1 607	10.1	5 120	6.6	S	S
100 to 249 miles	3 690	23.2	18 767	24.3	S	S
250 to 499 miles	S	S	S	S	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
2,000 miles or more	–	–	–	–	S	S
Multiple modes	**177 775**	**100.0**	**49 563**	**100.0**	**32 063**	**100.0**
Less than 50 miles	22 173	12.5	4 550	9.2	318	1.0
50 to 99 miles	9 350	5.3	S	S	479	1.5
100 to 249 miles	25 111	14.1	14 062	28.4	4 218	13.2
250 to 499 miles	33 510	18.8	13 205	26.6	7 620	23.8
500 to 749 miles	32 156	18.1	6 299	12.7	5 436	17.0
750 to 999 miles	18 564	10.4	3 156	6.4	4 218	13.2
1,000 to 1,499 miles	14 430	8.1	1 296	2.6	1 981	6.2
1,500 to 1,999 miles	19 124	10.8	2 652	5.4	6 358	19.8
2,000 miles or more	3 357	1.9	500	1.0	1 436	4.5
Parcel, U.S. Postal Service or courier	**141 285**	**100.0**	**5 071**	**100.0**	**3 058**	**100.0**
Less than 50 miles	20 868	14.8	866	17.1	21	.7
50 to 99 miles	8 761	6.2	329	6.5	31	1.0
100 to 249 miles	22 882	16.2	864	17.0	188	6.1
250 to 499 miles	27 562	19.5	1 031	20.3	465	15.2
500 to 749 miles	24 051	17.0	845	16.7	634	20.7
750 to 999 miles	15 012	10.6	480	9.5	488	16.0
1,000 to 1,499 miles	8 769	6.2	258	5.1	365	11.9
1,500 to 1,999 miles	11 366	8.0	338	6.7	716	23.4
2,000 miles or more	2 014	1.4	60	1.2	150	4.9
Truck and rail	**34 422**	**100.0**	**12 749**	**100.0**	**12 900**	**100.0**
Less than 50 miles	796	2.3	S	S	S	S
50 to 99 miles	526	1.5	S	S	S	S
100 to 249 miles	1 551	4.5	S	S	S	S
250 to 499 miles	5 716	16.6	1 208	9.5	714	5.5
500 to 749 miles	7 900	22.9	1 826	14.3	1 661	12.9
750 to 999 miles	3 295	9.6	1 297	10.2	1 543	12.0
1,000 to 1,499 miles	5 643	16.4	1 005	7.9	1 551	12.0
1,500 to 1,999 miles	7 757	22.5	2 314	18.2	5 641	43.7
2,000 miles or more	1 240	3.6	415	3.3	1 124	8.7
Truck and water	**297**	**100.0**	**8 108**	**100.0**	**4 439**	**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	1 081	13.3	S	S
250 to 499 miles	S	S	5 729	70.7	3 260	73.4
500 to 749 miles	S	S	S	S	S	S
750 to 999 miles	S	S	S	S	S	S
1,000 to 1,499 miles	S	S	S	S	S	S
1,500 to 1,999 miles	–	–	–	–	–	–
2,000 miles or more	75	25.3	15	.2	112	2.5

See footnotes at end of table.

Table 3. **Shipment Characteristics by Mode of Transportation and Distance Shipped for the Division: 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	**358**	**100.0**	**12 504**	**100.0**	**7 829**	**100.0**
Less than 50 miles	–	–	–	–	–	–
50 to 99 miles	–	–	–	–	–	–
100 to 249 miles	91	25.4	4 070	32.5	1 136	14.5
250 to 499 miles	S	S	4 525	36.2	2 854	36.4
500 to 749 miles	90	25.2	3 075	24.6	2 539	32.4
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	S	S	S	S	S	S
Other multiple modes	**1 413**	**100.0**	**11 131**	**100.0**	**3 837**	**100.0**
Less than 50 miles	504	35.6	2 383	21.4	S	S
50 to 99 miles	52	3.7	S	S	S	S
100 to 249 miles	S	S	6 736	60.5	2 188	57.0
250 to 499 miles	S	S	S	S	S	S
500 to 749 miles	S	S	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	S	S	S	S	S	S
2,000 miles or more	S	S	S	S	S	S
Other and unknown modes	**61 160**	**100.0**	**56 918**	**100.0**	**10 709**	**100.0**
Less than 50 miles	29 349	48.0	37 912	66.6	619	5.8
50 to 99 miles	3 844	6.3	2 244	3.9	205	1.9
100 to 249 miles	4 837	7.9	S	S	1 234	11.5
250 to 499 miles	6 531	10.7	3 312	5.8	1 444	13.5
500 to 749 miles	5 264	8.6	2 332	4.1	1 677	15.7
750 to 999 miles	3 408	5.6	1 570	2.8	1 644	15.4
1,000 to 1,499 miles	S	S	1 090	1.9	1 537	14.3
1,500 to 1,999 miles	3 241	5.3	744	1.3	1 543	14.4
2,000 miles or more	324	.5	284	.5	806	7.5

– 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 Division: 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	**1 462 475**	**100.0**	**2 140 708**	**100.0**	**423 366**	**100.0**	**425**
Less than 50 lb	129 496	8.9	4 223	.2	1 744	.4	502
50 to 99 lb	40 650	2.8	2 605	.1	773	.2	293
100 to 499 lb	124 509	8.5	15 279	.7	3 726	.9	247
500 to 749 lb	41 765	2.9	7 568	.4	2 011	.5	264
750 to 999 lb	29 162	2.0	6 122	.3	1 303	.3	213
1,000 to 9,999 lb	346 918	23.7	133 894	6.3	30 572	7.2	232
10,000 to 49,999 lb	561 573	38.4	882 026	41.2	156 114	36.9	183
50,000 to 99,999 lb	98 306	6.7	402 172	18.8	31 969	7.6	78
100,000 lb or more	90 096	6.2	686 819	32.1	195 155	46.1	234
Single modes	**1 223 540**	**100.0**	**2 034 227**	**100.0**	**380 594**	**100.0**	**179**
Less than 50 lb	34 905	2.9	1 807	–	253	–	163
50 to 99 lb	18 861	1.5	1 594	–	238	–	143
100 to 499 lb	93 796	7.7	13 081	.6	2 729	.7	197
500 to 749 lb	38 248	3.1	7 128	.4	1 868	.5	260
750 to 999 lb	26 798	2.2	5 779	.3	1 215	.3	210
1,000 to 9,999 lb	309 496	25.3	126 198	6.2	27 574	7.2	223
10,000 to 49,999 lb	530 154	43.3	862 077	42.4	143 393	37.7	172
50,000 to 99,999 lb	86 751	7.1	393 504	19.3	29 562	7.8	74
100,000 lb or more	84 531	6.9	623 059	30.6	173 763	45.7	228
Truck[1]	**1 091 456**	**100.0**	**1 626 086**	**100.0**	**210 073**	**100.0**	**143**
Less than 50 lb	28 346	2.6	1 735	.1	169	–	90
50 to 99 lb	17 063	1.6	1 566	.1	208	.1	128
100 to 499 lb	89 211	8.2	12 960	.8	2 614	1.2	189
500 to 749 lb	37 442	3.4	7 090	.4	1 835	.9	257
750 to 999 lb	26 183	2.4	5 762	.4	1 200	.6	208
1,000 to 9,999 lb	298 560	27.4	124 933	7.7	26 446	12.6	217
10,000 to 49,999 lb	510 192	46.7	855 234	52.6	137 085	65.3	166
50,000 to 99,999 lb	67 762	6.2	385 971	23.7	24 569	11.7	64
100,000 lb or more	16 697	1.5	230 837	14.2	15 947	7.6	58
For-hire truck	**727 266**	**100.0**	**852 605**	**100.0**	**161 439**	**100.0**	**387**
Less than 50 lb	7 792	1.1	359	–	115	–	306
50 to 99 lb	6 841	.9	320	–	152	–	457
100 to 499 lb	50 607	7.0	3 902	.5	2 104	1.3	535
500 to 749 lb	23 548	3.2	2 503	.3	1 539	1.0	613
750 to 999 lb	16 553	2.3	1 903	.2	952	.6	501
1,000 to 9,999 lb	196 125	27.0	49 751	5.8	20 799	12.9	458
10,000 to 49,999 lb	375 218	51.6	438 148	51.4	109 233	67.7	271
50,000 to 99,999 lb	39 412	5.4	210 632	24.7	16 169	10.0	76
100,000 lb or more	11 170	1.5	S	S	10 376	6.4	63
Private truck	**356 016**	**100.0**	**755 394**	**100.0**	**46 545**	**100.0**	**48**
Less than 50 lb	20 361	5.7	1 369	.2	49	.1	38
50 to 99 lb	9 913	2.8	1 236	.2	53	.1	42
100 to 499 lb	38 259	10.7	9 020	1.2	501	1.1	53
500 to 749 lb	13 754	3.9	4 555	.6	290	.6	63
750 to 999 lb	9 523	2.7	3 813	.5	242	.5	63
1,000 to 9,999 lb	100 692	28.3	74 368	9.8	5 427	11.7	71
10,000 to 49,999 lb	130 420	36.6	410 116	54.3	26 550	57.0	64
50,000 to 99,999 lb	27 734	7.8	169 792	22.5	8 062	17.3	49
100,000 lb or more	5 361	1.5	81 125	10.7	5 372	11.5	48
Rail	**89 250**	**100.0**	**232 090**	**100.0**	**103 035**	**100.0**	**649**
Less than 50 lb	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	–	–	S
100 to 499 lb	118	.1	17	–	4	–	S
500 to 749 lb	32	–	10	–	2	–	S
750 to 999 lb	27	–	4	–	2	–	526
1,000 to 9,999 lb	8 552	9.6	815	.4	893	.9	1 079
10,000 to 49,999 lb	18 496	20.7	5 884	2.5	6 000	5.8	1 049
50,000 to 99,999 lb	18 829	21.1	7 302	3.1	4 803	4.7	661
100,000 lb or more	43 120	48.3	218 055	94.0	91 331	88.6	549
Water	**9 303**	**100.0**	**98 090**	**100.0**	**61 410**	**100.0**	**S**
Less than 50 lb	S	S	S	S	S	S	10 468
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	1 238
750 to 999 lb	S	S	S	S	S	S	5
1,000 to 9,999 lb	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	4
100,000 lb or more	9 111	97.9	97 469	99.4	61 395	100.0	727
Shallow draft	**7 992**	**100.0**	**63 262**	**100.0**	**50 200**	**100.0**	**S**
Less than 50 lb	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	1 479
750 to 999 lb	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	S	S	S	S	S	7
50,000 to 99,999 lb	S	S	S	S	S	S	4
100,000 lb or more	7 802	97.6	62 645	99.0	50 195	100.0	752

See footnotes at end of table.

Table 4. **Shipment Characteristics by Mode of Transportation and Shipment Size for the Division: 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	**1 309**	**100.0**	**34 826**	**100.0**	**11 200**	**100.0**	**328**
Less than 50 lb	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–
500 to 749 lb	S	S	S	S	S	S	707
750 to 999 lb	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	33
10,000 to 49,999 lb	S	S	S	S	S	S	7
50,000 to 99,999 lb	–	–	–	–	–	–	–
100,000 lb or more	1 309	100.0	34 825	100.0	11 200	100.0	335
Deep draft	**S**	**S**	**S**	**S**	**S**	**S**	**4 897**
Less than 50 lb	S	S	S	S	S	S	10 468
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–
750 to 999 lb	S	S	S	S	S	S	5
1,000 to 9,999 lb	S	S	S	S	S	S	1
10,000 to 49,999 lb	S	S	S	S	S	S	8 390
50,000 to 99,999 lb	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–
Air (includes truck and air)	**17 627**	**100.0**	**801**	**100.0**	**744**	**100.0**	**1 154**
Less than 50 lb	6 499	36.9	70	8.8	84	11.2	1 157
50 to 99 lb	1 782	10.1	27	3.3	30	4.0	1 115
100 to 499 lb	4 459	25.3	98	12.3	111	14.9	1 164
500 to 749 lb	772	4.4	28	3.5	30	4.0	1 049
750 to 999 lb	588	3.3	14	1.7	13	1.7	961
1,000 to 9,999 lb	2 265	12.8	182	22.8	200	26.8	1 140
10,000 to 49,999 lb	1 227	7.0	333	41.6	250	33.6	987
50,000 to 99,999 lb	S	S	23	2.9	S	S	862
100,000 lb or more	S	S	S	S	8	1.1	434
Pipeline[2]	**15 905**	**100.0**	**77 161**	**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
750 to 999 lb	–	–	–	–	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	S
100,000 lb or more	15 600	98.1	76 674	99.4	S	S	S
Multiple modes	**177 775**	**100.0**	**49 563**	**100.0**	**32 063**	**100.0**	**659**
Less than 50 lb	89 538	50.4	2 215	4.5	1 475	4.6	662
50 to 99 lb	20 350	11.4	877	1.8	527	1.6	601
100 to 499 lb	27 437	15.4	1 583	3.2	924	2.9	591
500 to 749 lb	2 403	1.4	231	.5	116	.4	500
750 to 999 lb	1 675	.9	180	.4	67	.2	377
1,000 to 9,999 lb	15 766	8.9	1 874	3.8	1 817	5.7	1 052
10,000 to 49,999 lb	16 351	9.2	5 537	11.2	8 695	27.1	1 561
50,000 to 99,999 lb	S	S	912	1.8	689	2.1	723
100,000 lb or more	2 041	1.1	36 153	72.9	17 753	55.4	827
Parcel, U.S. Postal Service or courier	**141 285**	**100.0**	**5 071**	**100.0**	**3 058**	**100.0**	**657**
Less than 50 lb	89 505	63.4	2 214	43.7	1 474	48.2	662
50 to 99 lb	20 327	14.4	876	17.3	526	17.2	600
100 to 499 lb	27 289	19.3	1 568	30.9	893	29.2	582
500 to 749 lb	2 355	1.7	223	4.4	101	3.3	450
750 to 999 lb	1 545	1.1	174	3.4	58	1.9	341
1,000 to 9,999 lb	263	.2	15	.3	6	.2	360
10,000 to 49,999 lb	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–
Truck and rail	**34 422**	**100.0**	**12 749**	**100.0**	**12 900**	**100.0**	**1 392**
Less than 50 lb	S	S	1	–	1	–	2 240
50 to 99 lb	22	–	1	–	2	–	1 625
100 to 499 lb	140	.4	13	.1	27	.2	2 123
500 to 749 lb	45	.1	S	S	S	S	1 848
750 to 999 lb	S	S	4	–	7	–	1 641
1,000 to 9,999 lb	14 929	43.4	1 500	11.8	1 724	13.4	1 159
10,000 to 49,999 lb	16 315	47.4	5 454	42.8	8 629	66.9	1 569
50,000 to 99,999 lb	S	S	641	5.0	511	4.0	740
100,000 lb or more	605	1.8	S	S	1 984	15.4	1 085
Truck and water	**297**	**100.0**	**8 108**	**100.0**	**4 439**	**100.0**	**3 794**
Less than 50 lb	S	S	S	S	S	S	1 195
50 to 99 lb	S	S	S	S	S	S	2 880
100 to 499 lb	5	1.5	1	–	3	–	5 792
500 to 749 lb	S	S	S	S	S	S	2 972
750 to 999 lb	S	S	–	–	S	S	5 365
1,000 to 9,999 lb	57	19.3	10	.1	S	S	7 738
10,000 to 49,999 lb	S	S	S	S	S	S	1 889
50,000 to 99,999 lb	S	S	S	S	S	S	163
100,000 lb or more	214	71.9	7 897	97.4	4 294	96.7	380

See footnotes at end of table.

Table 4. **Shipment Characteristics by Mode of Transportation and Shipment Size for the Division: 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	**358**	**100.0**	**12 504**	**100.0**	**7 829**	**100.0**	**1 168**
Less than 50 lb	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–
500 to 749 lb	S	S	S	S	S	S	2 725
750 to 999 lb	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	5 297
10,000 to 49,999 lb	S	S	S	S	S	S	5 656
50,000 to 99,999 lb	S	S	S	S	S	S	1 546
100,000 lb or more	354	98.8	12 407	99.2	7 679	98.1	792
Other multiple modes	**1 413**	**100.0**	**11 131**	**100.0**	**3 837**	**100.0**	**S**
Less than 50 lb	S	S	S	S	S	S	278
50 to 99 lb	S	S	S	S	S	S	572
100 to 499 lb	3	.2	S	S	S	S	188
500 to 749 lb	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	2
1,000 to 9,999 lb	517	36.6	349	3.1	S	S	S
10,000 to 49,999 lb	20	1.4	S	S	S	S	556
50,000 to 99,999 lb	–	–	–	–	–	–	–
100,000 lb or more	S	S	10 724	96.3	3 796	98.9	480
Other and unknown modes	**61 160**	**100.0**	**56 918**	**100.0**	**10 709**	**100.0**	**102**
Less than 50 lb	5 054	8.3	201	.4	17	.2	87
50 to 99 lb	1 440	2.4	134	.2	8	–	59
100 to 499 lb	3 276	5.4	615	1.1	73	.7	124
500 to 749 lb	1 115	1.8	209	.4	27	.2	126
750 to 999 lb	689	1.1	163	.3	22	.2	128
1,000 to 9,999 lb	21 656	35.4	5 822	10.2	1 181	11.0	200
10,000 to 49,999 lb	15 068	24.6	14 411	25.3	4 025	37.6	290
50,000 to 99,999 lb	S	S	7 757	13.6	1 717	16.0	225
100,000 lb or more	3 524	5.8	27 607	48.5	3 639	34.0	298

– 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 Division: 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	**1 462 475**	**100.0**	**2 140 708**	**100.0**	**423 366**	**100.0**	**425**
01	Live animals and live fish	1 742	.1	1 702	–	381	–	444
02	Cereal grains	13 858	.9	118 378	5.5	54 623	12.9	79
03	Other agricultural products	18 646	1.3	49 403	2.3	19 752	4.7	641
04	Animal feed and products of animal origin, n.e.c.	13 348	.9	37 237	1.7	13 331	3.1	106
05	Meat, fish, seafood, and their preparations	25 637	1.8	10 210	.5	4 193	1.0	156
06	Milled grain products and preparations, and bakery products	25 036	1.7	24 034	1.1	12 458	2.9	211
07	Other prepared foodstuffs and fats and oils	78 660	5.4	88 479	4.1	30 361	7.2	220
08	Alcoholic beverages	10 756	.7	10 409	.5	1 632	.4	27
09	Tobacco products	5 094	.3	254	–	54	–	100
10	Monumental or building stone	273	–	2 556	.1	152	–	73
11	Natural sands	876	–	90 960	4.2	6 073	1.4	53
12	Gravel and crushed stone	2 117	.1	403 496	18.8	24 084	5.7	30
13	Nonmetallic minerals n.e.c.	1 505	.1	56 699	2.6	5 642	1.3	97
14	Metallic ores and concentrates	1 182	–	15 530	.7	3 334	.8	362
15	Coal	3 614	.2	140 018	6.5	26 075	6.2	74
17	Gasoline and aviation turbine fuel	41 370	2.8	159 152	7.4	9 085	2.1	37
18	Fuel oils	14 884	1.0	73 389	3.4	3 191	.8	24
19	Coal and petroleum products, n.e.c.	12 420	.8	77 688	3.6	9 112	2.2	86
20	Basic chemicals	14 795	1.0	30 463	1.4	7 283	1.7	151
21	Pharmaceutical products	34 612	2.4	1 060	–	473	.1	528
22	Fertilizers	5 525	.4	29 049	1.4	S	S	143
23	Chemical products and preparations, n.e.c.	48 650	3.3	24 374	1.1	12 437	2.9	288
24	Plastics and rubber	69 151	4.7	24 151	1.1	11 210	2.6	523
25	Logs and other wood in the rough	598	–	6 540	.3	1 124	.3	442
26	Wood products	15 812	1.1	28 936	1.4	5 601	1.3	220
27	Pulp, newsprint, paper, and paperboard	21 990	1.5	37 304	1.7	15 089	3.6	271
28	Paper or paperboard articles	20 413	1.4	13 653	.6	4 185	1.0	331
29	Printed products	47 151	3.2	15 478	.7	5 241	1.2	381
30	Textiles, leather, and articles of textiles or leather	28 063	1.9	2 409	.1	1 320	.3	713
31	Nonmetallic mineral products	22 009	1.5	201 293	9.4	17 408	4.1	388
32	Base metal in primary or semifinished forms and in finished basic shapes	105 842	7.2	161 382	7.5	41 954	9.9	221
33	Articles of base metal	66 830	4.6	25 970	1.2	11 779	2.8	470
34	Machinery	137 220	9.4	20 645	1.0	10 063	2.4	401
35	Electronic and other electrical equipment and components and office equipment	114 786	7.8	8 885	.4	5 303	1.3	435
36	Motorized and other vehicles (including parts)	258 172	17.7	53 326	2.5	22 525	5.3	296
37	Transportation equipment, n.e.c.	10 387	.7	1 334	–	637	.2	734
38	Precision instruments and apparatus	21 500	1.5	343	–	200	–	637
39	Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	21 568	1.5	4 684	.2	2 968	.7	492
40	Miscellaneous manufactured products	79 031	5.4	17 049	.8	8 378	2.0	691
41	Waste and scrap	10 216	.7	50 628	2.4	8 009	1.9	139
43	Mixed freight	29 360	2.0	14 234	.7	1 915	.5	395
--	Commodity unknown	7 776	.5	7 924	.4	932	.2	481

– 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 Division: 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	**1 462 475**	**100.0**	**2 140 708**	**100.0**	**423 366**	**100.0**	**425**
010	Live animals and live fish	1 742	.1	1 702	–	381	–	444
021	Wheat	1 703	.1	12 729	.6	5 062	1.2	S
022	Corn, except sweet	10 098	.7	103 353	4.8	48 685	11.5	69
029	Other cereal grains	2 056	.1	2 296	.1	876	.2	184
031	Fresh or chilled potatoes (Irish potatoes), except sweet	1 234	–	1 380	–	88	–	63
032	Fresh or chilled edible vegetables, except potatoes (Irish potatoes), and dried vegetables	2 954	.2	3 876	.2	730	.2	47
033	Fresh, chilled, or dried edible fruit and nuts	1 959	.1	2 361	.1	160	–	770
034	Soya beans	9 822	.7	39 888	1.9	18 071	4.3	65
035	Oil seeds and nuts, except olives and soya beans	131	–	362	–	S	S	690
036	Bulbs, live plants, and seeds for sowing, n.e.c.	1 683	.1	1 209	–	478	.1	730
039	Fresh-cut flowers, plants, and parts of plants, and other agricultural products, except forage products and cereal straw or husks	863	–	328	–	S	S	211
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.	4 403	.3	14 667	.7	8 495	2.0	254
042	Animal feed preparations	8 945	.6	22 570	1.1	4 836	1.1	91
051	Meat including poultry, except preparations	24 282	1.7	9 822	.5	4 036	1.0	162
052	Fish, except live, and seafood, except preparations	626	–	110	–	34	–	S
053	Preparations, extracts, and juices of meat, fish, or seafood	729	–	278	–	123	–	S
061	Wheat flour, groats, and meal	1 115	–	3 624	.2	935	.2	142
062	Malt, starches, inulin, wheat gluten, and milled or otherwise worked grains, except wheat flour, groats, and meal	2 720	.2	8 946	.4	5 969	1.4	345
063	Food preparations of cereals, flour, starch, or milk	8 226	.6	4 734	.2	2 697	.6	322
064	Bakery products	12 975	.9	6 730	.3	2 858	.7	202
071	Dairy products, except chocolate milk, eggnog, and food preparations of milk	20 458	1.4	15 762	.7	4 204	1.0	150
072	Processed or prepared vegetables, fruit, or nuts, except dried or milled, and juices	12 674	.9	10 315	.5	3 923	.9	124
073	Coffee, tea, and spices, except unprocessed coffee and unfermented tea	1 579	.1	481	–	S	S	S
074	Animal or vegetable fats and oils and their cleavage products, prepared edible fats, animal or vegetable waxes, and flours and meals	7 124	.5	13 400	.6	6 080	1.4	219
075	Cane, beet, and other sugars in solid form, sugar syrups not containing added flavoring or coloring matter, and molasses	2 927	.2	11 246	.5	6 572	1.6	271
076	Confectionery, cocoa, and cocoa preparations	5 526	.4	1 967	–	1 229	.3	857
077	Edible preparations, n.e.c. and vinegar	16 628	1.1	11 411	.5	5 860	1.4	416
078	Nonalcoholic beverages, n.e.c. and ice	11 745	.8	23 899	1.1	2 327	.5	36
081	Malt Beer	6 427	.4	7 456	.3	695	.2	21
082	Wine and other fermented beverages	1 307	–	435	–	23	–	28
083	Spirituous beverages and ethyl alcohol	3 022	.2	2 518	.1	913	.2	58
090	Tobacco products	5 094	.3	254	–	54	–	100
100	Monumental or building stone, except dolomite	273	–	2 556	.1	152	–	73
110	Natural sands, except metal-bearing	876	–	90 960	4.2	6 073	1.4	53
120	Gravel and crushed stone, except dolomite and slate	2 117	.1	403 496	18.8	24 084	5.7	30
131	Salt	440	–	6 294	.3	690	.2	69
132	Natural calcium phosphates, natural aluminum-calcium phosphates, and phosphatic chalk	10	–	23	–	2	–	46
133	Dolomite	282	–	41 673	1.9	2 959	.7	S
139	Other nonmetallic minerals	773	–	8 709	.4	1 991	.5	337
141	Iron ores and concentrates	499	–	14 802	.7	3 050	.7	246
149	Other metallic ores and concentrates	683	–	728	–	284	–	379
151	Nonagglomerated bituminous coal	3 490	.2	136 103	6.4	25 736	6.1	74
159	Other coal	124	–	S	S	S	S	S
171	Gasoline	39 740	2.7	151 152	7.1	8 270	2.0	37
172	Aviation turbine fuel (types A and B)	1 629	.1	8 001	.4	S	S	S
180	Fuel oils	14 884	1.0	73 389	3.4	3 191	.8	24
191	Lubricating oils and greases	4 002	.3	4 742	.2	1 305	.3	127
192	Refined petroleum oils and oils obtained from bituminous minerals, n.e.c.	1 458	.1	S	S	1 849	.4	107
193	Gaseous hydrocarbons	2 844	.2	8 638	.4	1 689	.4	45
199	Other products of petroleum refining, and coal products	4 116	.3	55 939	2.6	4 269	1.0	54
201	Sodium hydroxide (caustic soda) and potassium hydroxide (caustic potash)	463	–	1 402	–	322	–	177
202	Inorganic chemicals, n.e.c.	6 409	.4	22 652	1.1	4 573	1.1	83
203	Cyclic hydrocarbons	289	–	S	S	S	S	177
204	Phenols, phenol-alcohols, aldehydes, cyclic polymers of aldehydes, paraformaldehyde, ketones, quinones, organic acids, and acyclic alcohols	1 765	.1	2 071	.1	982	.2	194
205	Organic chemicals, n.e.c.	5 868	.4	3 684	.2	1 301	.3	387
210	Pharmaceutical products	34 612	2.4	1 060	–	473	.1	528
220	Fertilizers and fertilizer materials	5 525	.4	29 049	1.4	S	S	143
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	9 927	.7	3 711	.2	1 580	.4	266
232	Essential oils and resinoids, and perfumery, cosmetic, or toilet preparations	7 582	.5	1 509	–	964	.2	328
233	Soap, organic surface-active agents, cleaning preparations, polishes and creams, and scouring preparations	15 850	1.1	11 441	.5	6 510	1.5	357
234	Photographic film, plates, paper, paperboard, or textiles, and chemical preparations for photographic use	4 002	.3	338	–	144	–	288
235	Insecticides, rodenticides, fungicides, herbicides, antisprouting products, plant-growth regulators, disinfectants, and similar products, in packages for retail sale or as preparations or articles	2 847	.2	751	–	120	–	140
239	Other chemical products and preparations	8 442	.6	6 624	.3	3 120	.7	243
241	Plastics in primary forms, rubber in primary forms or sheets, and unvulcanized compounded rubber	10 507	.7	5 808	.3	2 731	.6	404
242	Manmade fibers and plastics basic shapes and articles	46 189	3.2	15 225	.7	7 018	1.7	587

See footnotes at end of table.

Table 6. **Shipment Characteristics by Three-Digit Commodity for the Division: 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	12 455	.9	3 118	.1	1 462	.3	287
250	Logs and other wood in the rough	598	–	6 540	.3	1 124	.3	442
261	Wood chips or particles	123	–	6 113	.3	408	.1	S
262	Lumber, wood continuously shaped along any of its edges or faces, and shingles and shakes	4 701	.3	10 592	.5	2 102	.5	257
263	Veneer sheets and sheets for plywood, particle board, fiberboard, plywood, veneered panels, and similar boards of ligneous material or laminated wood	3 192	.2	4 500	.2	1 309	.3	206
264	Builders' joinery and carpentry of wood, except shingles and shakes	5 595	.4	2 870	.1	820	.2	191
269	Other wood products	2 200	.2	4 861	.2	963	.2	366
271	Pulp of fibrous cellulosic materials	822	–	S	S	S	S	397
272	Newsprint in large rolls or sheets	319	–	276	–	113	–	363
273	Uncoated paper and paperboard in large rolls or sheets	9 011	.6	14 464	.7	8 572	2.0	208
274	Coated, impregnated, treated, or worked paper and paperboard, in large rolls or sheets	11 837	.8	10 547	.5	5 242	1.2	443
280	Paper or paperboard articles	20 413	1.4	13 653	.6	4 185	1.0	331
291	Printed books, brochures, leaflets, and similar printed products	18 861	1.3	3 862	.2	2 449	.6	835
292	Newspapers, journals, and periodicals	8 512	.6	6 163	.3	359	–	163
293	Advertising material, commercial or trade catalogues, and similar printed products	10 003	.7	3 341	.2	1 428	.3	574
299	Other printed products	9 774	.7	2 112	.1	1 004	.2	578
301	Textile fibers, yarns, and broadwoven or knitted fabrics, except coated or treated	767	–	110	–	58	–	676
302	Textile clothing and accessories, and headgear, except safety	12 507	.9	825	–	S	S	686
303	Textiles and textile articles, n.e.c.	9 400	.6	1 192	–	468	.1	636
304	Footwear	3 593	.2	137	–	S	S	915
305	Leather and articles, luggage of related materials, and dressed furskins and articles	1 797	.1	146	–	97	–	830
311	Hydraulic cements	989	–	16 963	.8	2 597	.6	79
312	Ceramic products	4 831	.3	6 159	.3	2 171	.5	487
313	Glass and glass products	8 260	.6	7 643	.4	3 456	.8	754
319	Other nonmetallic mineral products	7 930	.5	S	S	9 183	2.2	50
321	Iron and steel in primary forms, in semifinished forms, or in powders or granules, and ferroalloys	11 628	.8	12 418	.6	4 325	1.0	286
322	Flat-rolled products of iron or steel	50 847	3.5	114 354	5.3	26 386	6.2	186
323	Bars, rods, angles, shapes, sections, and wire, of iron or steel	17 985	1.2	24 576	1.1	7 135	1.7	178
324	Nonferrous metal, except precious, in unwrought forms, in finished basic shapes, or in powders or granules	25 383	1.7	10 033	.5	4 108	1.0	280
331	Pipes, tubes, and fittings	16 729	1.1	9 757	.5	5 478	1.3	274
332	Structures and parts, except prefabricated buildings	9 520	.7	4 403	.2	1 482	.3	347
333	Handtools, cutlery, except of precious metals, interchangeable tools for hand- or machine-tools, hardware, and industrial fasteners	26 257	1.8	5 764	.3	2 572	.6	525
339	Other articles of metal	14 324	1.0	6 045	.3	2 247	.5	539
341	Internal-combustion piston engines	39 855	2.7	7 465	.3	3 010	.7	380
342	Turbines, boilers, nuclear reactors, and nonelectric engines and motors, except internal-combustion piston engines	2 241	.2	163	–	83	–	375
343	Pumps, compressors, and fans, and ventilating or recycling hoods incorporating a fan	12 629	.9	1 473	–	950	.2	465
344	Air-conditioning, refrigerating, or freezing equipment	7 783	.5	1 280	–	827	.2	347
345	Materials-handling, excavating, boring, and related machinery and equipment	10 269	.7	2 195	.1	992	.2	399
349	Other machinery	64 444	4.4	8 068	.4	4 200	1.0	401
351	Electric motors, generators, generating sets, rotary converters, transformers, static converters, and inductors	10 617	.7	1 433	–	814	.2	352
352	Electric cooking appliances and other electrothermic or electromechanical domestic appliances	6 184	.4	625	–	460	.1	776
353	Line telephone or telegraph apparatus	3 155	.2	78	–	62	–	365
354	Electronic entertainment products, except parts	5 302	.4	330	–	213	–	677
355	Computer and office equipment	18 148	1.2	323	–	176	–	635
356	Prepared unrecorded or prerecorded media	5 330	.4	161	–	103	–	768
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	8 000	.5	66	–	47	–	711
358	Electronic components and parts	10 395	.7	921	–	960	.2	512
359	Other electronic and electrical equipment	47 656	3.3	4 950	.2	2 469	.6	240
361	Motor vehicles for the transport of less than 10 people, except motorcycles, armored fighting vehicles, snowmobiles, golf carts and similar vehicles, and parts	100 609	6.9	13 558	.6	8 294	2.0	552
362	Motor vehicles for the transport of goods and road tractors for semitrailers, except parts	5 613	.4	880	–	559	.1	228
363	Other vehicles	21 834	1.5	4 334	.2	1 882	.4	717
364	Parts and accessories for motor vehicles, except motorcycles and armored fighting vehicles	130 117	8.9	34 554	1.6	11 790	2.8	235
371	Locomotives and rolling stock, railway track fixtures and fittings, mechanical or electromechanical traffic-signalling equipment, and intermodal containers	2 289	.2	913	–	346	–	526
372	Aircraft and spacecraft	6 187	.4	47	–	29	–	813
373	Ships, boats, and floating structures	1 911	.1	S	S	S	S	507
381	Optical elements, instruments, and apparatus, except photographic and photocopying equipment and optical instruments and apparatus for measuring or checking	1 523	.1	15	–	10	–	601
382	Photographic and photocopying machines	1 632	.1	51	–	28	–	537
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	182	–	2	–	1	–	S
384	Instruments, apparatus, and appliances for medical, surgical, dental, or veterinary sciences, or for similar purposes	10 764	.7	113	–	81	–	720
385	Meters and other instruments and apparatus for measuring, checking, testing, or controlling	7 400	.5	162	–	80	–	582

See footnotes at end of table.

Table 6. **Shipment Characteristics by Three-Digit Commodity for the Division: 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	21 568	1.5	4 684	.2	2 968	.7	492
401	Arms and ammunition	1 002	–	136	–	74	–	586
402	Toys, games, and sporting equipment	7 109	.5	890	–	622	.1	864
409	Miscellaneous manufactured products	70 919	4.8	16 023	.7	7 681	1.8	635
411	Metallic waste and scrap	9 266	.6	44 477	2.1	6 467	1.5	116
412	Nonmetallic waste and scrap, except from food processing	950	–	6 151	.3	1 542	.4	242
439	Mixed freight	29 360	2.0	14 234	.7	1 915	.5	395
—	Commodity unknown	7 776	.5	7 924	.4	932	.2	481

– 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 Division: 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	**1 462 475**	**100.0**	**2 140 708**	**100.0**	**423 366**	**100.0**	**425**
Single modes	**1 223 540**	**83.7**	**2 034 227**	**95.0**	**380 594**	**89.9**	**179**
Truck[1]	1 091 456	74.6	1 626 086	76.0	210 073	49.6	143
For-hire truck	727 266	49.7	852 605	39.8	161 439	38.1	387
Private truck	356 016	24.3	755 394	35.3	46 545	11.0	48
Rail	89 250	6.1	232 090	10.8	103 035	24.3	649
Water	9 303	.6	98 090	4.6	61 410	14.5	S
Shallow draft	7 992	.5	63 262	3.0	50 200	11.9	S
Great Lakes	1 309	–	34 826	1.6	11 200	2.6	328
Deep draft	S	S	S	S	S	S	4 897
Air (includes truck and air)	17 627	1.2	801	–	744	.2	1 154
Pipeline[2]	15 905	1.1	77 161	3.6	S	S	S
Multiple modes	**177 775**	**12.2**	**49 563**	**2.3**	**32 063**	**7.6**	**659**
Parcel, U.S. Postal Service or courier	141 285	9.7	5 071	.2	3 058	.7	657
Truck and rail	34 422	2.4	12 749	.6	12 900	3.0	1 392
Truck and water	297	–	8 108	.4	4 439	1.0	3 794
Rail and water	358	–	12 504	.6	7 829	1.8	1 168
Other multiple modes	1 413	.1	11 131	.5	3 837	.9	S
Other and unknown modes	**61 160**	**4.2**	**56 918**	**2.7**	**10 709**	**2.5**	**102**
SCTG 01, LIVE ANIMALS AND LIVE FISH							
Total	**1 742**	**100.0**	**1 702**	**100.0**	**381**	**100.0**	**444**
Single modes	**1 708**	**98.1**	**1 672**	**98.3**	**377**	**98.9**	**178**
Truck[1]	1 708	98.1	1 672	98.3	377	98.9	178
For-hire truck	1 576	90.4	1 516	89.1	361	94.9	233
Private truck	133	7.6	156	9.2	15	4.0	49
Rail	–	–	–	–	–	–	–
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**	**768**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	768
Truck and rail	–	–	–	–	–	–	–
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**S**
SCTG 02, CEREAL GRAINS							
Total	**13 858**	**100.0**	**118 378**	**100.0**	**54 623**	**100.0**	**79**
Single modes	**13 200**	**95.3**	**116 232**	**98.2**	**53 035**	**97.1**	**78**
Truck[1]	6 887	49.7	54 159	45.8	2 764	5.1	53
For-hire truck	4 729	34.1	34 408	29.1	1 911	3.5	78
Private truck	2 098	15.1	19 199	16.2	819	1.5	31
Rail	3 388	24.4	34 874	29.5	20 812	38.1	609
Water	2 926	21.1	27 199	23.0	29 459	53.9	1 132
Shallow draft	2 602	18.8	24 786	20.9	28 096	51.4	1 137
Great Lakes	324	2.3	2 413	2.0	S	S	824
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**1 331**
Parcel, U.S. Postal Service or courier	S	S	–	–	–	–	299
Truck and rail	S	S	S	S	S	S	1 518
Truck and water	S	S	S	S	S	S	1 388
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**285**	**2.1**	**1 767**	**1.5**	**S**	**S**	**S**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**18 646**	**100.0**	**49 403**	**100.0**	**19 752**	**100.0**	**641**
Single modes	**16 987**	**91.1**	**46 818**	**94.8**	**18 196**	**92.1**	**66**
Truck[1]	12 313	66.0	28 153	57.0	2 200	11.1	62
For-hire truck	5 220	28.0	16 080	32.5	1 433	7.3	S
Private truck	7 005	37.6	11 919	24.1	735	3.7	63
Rail	1 431	7.7	5 685	11.5	3 345	16.9	613
Water	3 134	16.8	12 968	26.2	12 640	64.0	1 134
Shallow draft	2 760	14.8	11 405	23.1	12 586	63.7	1 145
Great Lakes	S	S	S	S	54	.3	41
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	109	.6	12	–	11	–	941
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**780**	**4.2**	**756**	**1.5**	**S**	**S**	**742**
Parcel, U.S. Postal Service or courier	605	3.2	66	.1	43	.2	742
Truck and rail	S	S	S	S	100	.5	559
Truck and water	S	S	S	S	S	S	4 357
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**880**	**4.7**	**S**	**S**	**S**	**S**	**S**
SCTG 04, ANIMAL FEED AND PRODUCTS OF ANIMAL ORIGIN, N.E.C.							
Total	**13 348**	**100.0**	**37 237**	**100.0**	**13 331**	**100.0**	**106**
Single modes	**13 144**	**98.5**	**36 814**	**98.9**	**13 170**	**98.8**	**85**
Truck[1]	10 974	82.2	27 716	74.4	5 864	44.0	77
For-hire truck	5 535	41.5	10 794	29.0	4 558	34.2	383
Private truck	5 399	40.4	16 762	45.0	1 290	9.7	42
Rail	1 739	13.0	6 995	18.8	5 039	37.8	736
Water	430	3.2	2 101	5.6	2 265	17.0	1 066
Shallow draft	430	3.2	2 101	5.6	2 265	17.0	1 066
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	287
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**45**	**.3**	**S**	**S**	**S**	**S**	**906**
Parcel, U.S. Postal Service or courier	18	.1	S	S	S	S	902
Truck and rail	S	S	S	S	S	S	1 788
Truck and water	S	S	S	S	S	S	8 220
Rail and water	S	S	S	S	S	S	1 223
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**160**	**1.2**	**343**	**.9**	**47**	**.3**	**S**
SCTG 05, MEAT, FISH, SEAFOOD, AND THEIR PREPARATIONS							
Total	**25 637**	**100.0**	**10 210**	**100.0**	**4 193**	**100.0**	**156**
Single modes	**25 039**	**97.7**	**9 927**	**97.2**	**4 118**	**98.2**	**105**
Truck[1]	24 918	97.2	9 897	96.9	4 048	96.5	103
For-hire truck	11 994	46.8	4 668	45.7	3 158	75.3	607
Private truck	12 573	49.0	5 108	50.0	838	20.0	56
Rail	S	S	S	S	S	S	2 431
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	1 369
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**10**	**.1**	**15**	**.4**	**1 103**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	1 103
Truck and rail	S	S	S	S	S	S	2 273
Truck and water	S	S	S	S	S	S	165
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**531**	**2.1**	**273**	**2.7**	**61**	**1.4**	**S**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**25 036**	**100.0**	**24 034**	**100.0**	**12 458**	**100.0**	**211**
Single modes	**24 383**	**97.4**	**23 314**	**97.0**	**11 810**	**94.8**	**78**
Truck[1]	22 571	90.2	17 042	70.9	6 935	55.7	74
For-hire truck	13 893	55.5	10 579	44.0	5 922	47.5	613
Private truck	8 572	34.2	6 412	26.7	995	8.0	40
Rail	1 804	7.2	6 121	25.5	4 703	37.7	924
Water	S	S	S	S	S	S	1 140
Shallow draft	S	S	S	S	S	S	1 140
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	901
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**481**	**1.9**	**354**	**1.5**	**520**	**4.2**	**1 103**
Parcel, U.S. Postal Service or courier	109	.4	S	S	8	–	1 101
Truck and rail	358	1.4	286	1.2	470	3.8	1 578
Truck and water	–	–	–	–	–	–	–
Rail and water	S	S	S	S	S	S	896
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**171**	**.7**	**S**	**S**	**128**	**1.0**	**178**
SCTG 07, OTHER PREPARED FOODSTUFFS AND FATS AND OILS							
Total	**78 660**	**100.0**	**88 479**	**100.0**	**30 361**	**100.0**	**220**
Single modes	**75 964**	**96.6**	**86 023**	**97.2**	**28 127**	**92.6**	**102**
Truck[1]	72 007	91.5	74 621	84.3	18 623	61.3	98
For-hire truck	38 053	48.4	39 180	44.3	14 406	47.4	423
Private truck	32 544	41.4	34 707	39.2	3 798	12.5	50
Rail	3 357	4.3	9 742	11.0	8 625	28.4	972
Water	296	.4	1 068	1.2	868	2.9	815
Shallow draft	296	.4	1 068	1.2	868	2.9	815
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	19	–	3	–	S	S	1 000
Pipeline[2]	285	.4	589	.7	S	S	S
Multiple modes	**1 086**	**1.4**	**1 233**	**1.4**	**1 688**	**5.6**	**1 057**
Parcel, U.S. Postal Service or courier	368	.5	32	–	20	–	1 053
Truck and rail	717	.9	1 201	1.4	1 667	5.5	1 694
Truck and water	S	S	S	S	S	S	4 621
Rail and water	S	S	S	S	S	S	2 725
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**1 611**	**2.0**	**1 223**	**1.4**	**546**	**1.8**	**S**
SCTG 08, ALCOHOLIC BEVERAGES							
Total	**10 756**	**100.0**	**10 409**	**100.0**	**1 632**	**100.0**	**27**
Single modes	**10 487**	**97.5**	**10 219**	**98.2**	**1 572**	**96.3**	**27**
Truck[1]	10 177	94.6	9 583	92.1	1 058	64.8	27
For-hire truck	1 473	13.7	2 161	20.8	691	42.4	218
Private truck	8 704	80.9	7 422	71.3	367	22.5	25
Rail	273	2.5	S	S	S	S	854
Water	S	S	S	S	S	S	61
Shallow draft	S	S	S	S	S	S	61
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	521
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**520**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	393
Truck and rail	S	S	S	S	S	S	2 012
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**3**	**.2**	**S**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**5 094**	**100.0**	**254**	**100.0**	**54**	**100.0**	**100**
Single modes	**4 962**	**97.4**	**247**	**97.3**	**39**	**72.6**	**83**
Truck[1]	4 962	97.4	247	97.3	39	72.6	83
For-hire truck	876	17.2	23	9.1	21	39.6	1 031
Private truck	4 086	80.2	224	88.2	18	33.0	50
Rail	–	–	–	–	–	–	–
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**88**	**1.7**	**S**	**S**	**S**	**S**	**991**
Parcel, U.S. Postal Service or courier	64	1.3	2	.8	2	2.8	886
Truck and rail	–	–	–	–	–	–	–
Truck and water	S	S	S	S	S	S	4 616
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**44**	**.9**	**2**	**.8**	**S**	**S**	**33**
SCTG 10, MONUMENTAL OR BUILDING STONE							
Total	**273**	**100.0**	**2 556**	**100.0**	**152**	**100.0**	**73**
Single modes	**268**	**98.2**	**2 421**	**94.7**	**150**	**98.8**	**63**
Truck[1]	268	98.2	2 421	94.7	150	98.8	63
For-hire truck	92	33.8	S	S	117	77.3	199
Private truck	S	S	789	30.9	25	16.6	S
Rail	–	–	–	–	–	–	–
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**	**636**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	636
Truck and rail	–	–	–	–	–	–	–
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**4**	**1.3**	**S**	**S**	**S**	**S**	**107**
SCTG 11, NATURAL SANDS							
Total	**876**	**100.0**	**90 960**	**100.0**	**6 073**	**100.0**	**53**
Single modes	**850**	**97.1**	**88 074**	**96.8**	**5 850**	**96.3**	**54**
Truck[1]	784	89.5	85 291	93.8	4 213	69.4	49
For-hire truck	320	36.6	19 995	22.0	1 512	24.9	77
Private truck	434	49.6	63 356	69.7	2 668	43.9	41
Rail	65	7.4	2 578	2.8	1 589	26.2	608
Water	S	S	S	S	S	S	237
Shallow draft	S	S	S	S	S	S	237
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**939**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	326
Truck and rail	S	S	S	S	S	S	2 460
Truck and water	–	–	–	–	–	–	–
Rail and water	S	S	S	S	S	S	4 304
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**25**	**2.8**	**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 Division: 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	**2 117**	**100.0**	**403 496**	**100.0**	**24 084**	**100.0**	**30**
Single modes	**2 035**	**96.2**	**385 830**	**95.6**	**20 315**	**84.4**	**30**
Truck[1]	1 920	90.7	357 529	88.6	12 175	50.6	29
For-hire truck	777	36.7	133 688	33.1	4 740	19.7	34
Private truck	1 113	52.6	218 024	54.0	7 273	30.2	27
Rail	22	1.0	3 022	.7	529	2.2	174
Water	94	4.4	25 279	6.3	7 612	31.6	226
Shallow draft	24	1.1	4 220	1.0	815	3.4	190
Great Lakes	69	3.3	21 059	5.2	6 797	28.2	316
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**33**	**1.5**	**8 565**	**2.1**	**3 351**	**13.9**	**434**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	447
Truck and rail	–	–	–	–	–	–	–
Truck and water	17	.8	4 774	1.2	2 310	9.6	487
Rail and water	–	–	–	–	–	–	–
Other multiple modes	15	.7	3 790	.9	S	S	255
Other and unknown modes	**S**	**S**	**S**	**S**	**417**	**1.7**	**31**
SCTG 13, NONMETALLIC MINERALS N.E.C.							
Total	**1 505**	**100.0**	**56 699**	**100.0**	**5 642**	**100.0**	**97**
Single modes	**1 411**	**93.7**	**54 885**	**96.8**	**4 929**	**87.4**	**51**
Truck[1]	1 231	81.8	48 224	85.1	2 416	42.8	47
For-hire truck	654	43.5	20 626	36.4	1 405	24.9	69
Private truck	574	38.2	27 587	48.7	1 010	17.9	36
Rail	73	4.9	S	S	S	S	455
Water	106	7.0	4 362	7.7	1 542	27.3	327
Shallow draft	–	–	–	–	–	–	–
Great Lakes	106	7.0	4 362	7.7	1 542	27.3	327
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	654
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**25**	**1.7**	**S**	**S**	**S**	**S**	**811**
Parcel, U.S. Postal Service or courier	19	1.3	2	–	S	S	812
Truck and rail	S	S	S	S	S	S	41
Truck and water	S	S	S	S	S	S	446
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	196
Other and unknown modes	**S**	**S**	**549**	**1.0**	**S**	**S**	**211**
SCTG 14, METALLIC ORES AND CONCENTRATES							
Total	**1 182**	**100.0**	**15 530**	**100.0**	**3 334**	**100.0**	**362**
Single modes	**1 038**	**87.9**	**11 655**	**75.1**	**986**	**29.6**	**208**
Truck[1]	640	54.1	414	2.7	134	4.0	214
For-hire truck	433	36.6	319	2.1	114	3.4	388
Private truck	207	17.5	94	.6	20	.6	65
Rail	399	33.7	11 241	72.4	852	25.6	S
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**	**558**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	555
Truck and rail	S	S	S	S	S	S	2 301
Truck and water	–	–	–	–	–	–	–
Rail and water	S	S	S	S	S	S	613
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**267**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**3 614**	**100.0**	**140 018**	**100.0**	**26 075**	**100.0**	**74**
Single modes	**2 571**	**71.1**	**104 008**	**74.3**	**18 204**	**69.8**	**72**
Truck[1]	938	26.0	34 701	24.8	2 365	9.1	68
For-hire truck	850	23.5	33 642	24.0	2 180	8.4	64
Private truck	S	S	S	S	S	S	141
Rail	1 391	38.5	58 675	41.9	12 260	47.0	185
Water	S	S	S	S	S	S	389
Shallow draft	S	S	S	S	S	S	389
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**379**	**10.5**	**18 171**	**13.0**	**7 155**	**27.4**	**209**
Parcel, U.S. Postal Service or courier	–	–	–	–	–	–	–
Truck and rail	S	S	S	S	S	S	120
Truck and water	S	S	S	S	S	S	166
Rail and water	188	5.2	8 429	6.0	5 192	19.9	575
Other multiple modes	89	2.5	4 749	3.4	1 209	4.6	262
Other and unknown modes	**664**	**18.4**	**17 839**	**12.7**	**S**	**S**	**115**
SCTG 17, GASOLINE AND AVIATION TURBINE FUEL							
Total	**41 370**	**100.0**	**159 152**	**100.0**	**9 085**	**100.0**	**37**
Single modes	**40 892**	**98.8**	**158 381**	**99.5**	**9 062**	**99.8**	**39**
Truck[1]	30 491	73.7	110 636	69.5	4 999	55.0	40
For-hire truck	11 218	27.1	40 384	25.4	1 997	22.0	51
Private truck	19 010	46.0	69 278	43.5	2 967	32.7	35
Rail	–	–	–	–	–	–	–
Water	S	S	S	S	S	S	7
Shallow draft	S	S	S	S	S	S	7
Great Lakes	S	S	S	S	S	S	1
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline[2]	10 180	24.6	46 644	29.3	S	S	S
Multiple modes	**280**	**.7**	**207**	**.1**	**S**	**S**	**17**
Parcel, U.S. Postal Service or courier	–	–	–	–	–	–	–
Truck and rail	–	–	–	–	–	–	–
Truck and water	S	S	S	S	S	S	12
Rail and water	–	–	–	–	–	–	–
Other multiple modes	279	.7	205	.1	S	S	17
Other and unknown modes	**198**	**.5**	**565**	**.4**	**16**	**.2**	**7**
SCTG 18, FUEL OILS							
Total	**14 884**	**100.0**	**73 389**	**100.0**	**3 191**	**100.0**	**24**
Single modes	**14 300**	**96.1**	**71 999**	**98.1**	**3 144**	**98.5**	**24**
Truck[1]	9 355	62.9	42 925	58.5	2 124	66.6	24
For-hire truck	2 897	19.5	14 444	19.7	891	27.9	52
Private truck	6 418	43.1	28 262	38.5	1 221	38.3	20
Rail	S	S	S	S	S	S	412
Water	S	S	S	S	S	S	7
Shallow draft	S	S	S	S	S	S	7
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	543
Pipeline[2]	4 268	28.7	24 515	33.4	S	S	S
Multiple modes	**221**	**1.5**	**157**	**.2**	**S**	**S**	**S**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	688
Truck and rail	–	–	–	–	–	–	–
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	221	1.5	157	.2	S	S	15
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**23**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**12 420**	**100.0**	**77 688**	**100.0**	**9 112**	**100.0**	**86**
Single modes	**12 156**	**97.9**	**77 001**	**99.1**	**8 964**	**98.4**	**69**
Truck[1]	8 526	68.6	56 615	72.9	4 389	48.2	63
For-hire truck	5 094	41.0	33 783	43.5	3 394	37.2	178
Private truck	3 346	26.9	21 078	27.1	915	10.0	27
Rail	2 778	22.4	16 049	20.7	3 934	43.2	449
Water	S	S	S	S	S	S	S
Shallow draft	S	S	S	S	S	S	S
Great Lakes	S	S	S	S	S	S	146
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	–	–	–	–	1 295
Pipeline[2]	S	S	2 133	2.7	S	S	S
Multiple modes	**151**	**1.2**	**69**	**–**	**38**	**.4**	**417**
Parcel, U.S. Postal Service or courier	104	.8	12	–	S	S	416
Truck and rail	35	.3	18	–	S	S	1 319
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	62
Other and unknown modes	**113**	**.9**	**618**	**.8**	**S**	**S**	**33**
SCTG 20, BASIC CHEMICALS							
Total	**14 795**	**100.0**	**30 463**	**100.0**	**7 283**	**100.0**	**151**
Single modes	**13 695**	**92.6**	**29 945**	**98.3**	**6 903**	**94.8**	**112**
Truck[1]	11 674	78.9	20 671	67.9	3 642	50.0	82
For-hire truck	7 803	52.7	9 329	30.6	2 743	37.7	439
Private truck	3 766	25.5	11 244	36.9	888	12.2	30
Rail	1 455	9.8	6 932	22.8	2 557	35.1	505
Water	S	S	S	S	S	S	498
Shallow draft	S	S	S	S	S	S	498
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	223	1.5	2	–	1	–	1 152
Pipeline[2]	26	.2	S	S	S	S	S
Multiple modes	**949**	**6.4**	**314**	**1.0**	**340**	**4.7**	**362**
Parcel, U.S. Postal Service or courier	658	4.4	S	S	12	.2	357
Truck and rail	292	2.0	250	.8	328	4.5	1 332
Truck and water	S	S	S	S	S	S	2 966
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**151**	**1.0**	**203**	**.7**	**40**	**.5**	**S**
SCTG 21, PHARMACEUTICAL PRODUCTS							
Total	**34 612**	**100.0**	**1 060**	**100.0**	**473**	**100.0**	**528**
Single modes	**25 062**	**72.4**	**927**	**87.5**	**414**	**87.4**	**167**
Truck[1]	22 975	66.4	911	85.9	389	82.2	132
For-hire truck	14 427	41.7	425	40.2	244	51.6	277
Private truck	8 374	24.2	481	45.4	144	30.5	70
Rail	S	S	S	S	S	S	1 726
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	1 018	2.9	4	.4	3	.6	1 077
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**8 955**	**25.9**	**118**	**11.1**	**53**	**11.2**	**620**
Parcel, U.S. Postal Service or courier	8 884	25.7	116	10.9	52	10.9	620
Truck and rail	S	S	S	S	S	S	453
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**596**	**1.7**	**14**	**1.4**	**7**	**1.4**	**S**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**5 525**	**100.0**	**29 049**	**100.0**	**S**	**S**	**143**
Single modes	**5 121**	**92.7**	**26 576**	**91.5**	**S**	**S**	**48**
Truck[1]	4 207	76.1	21 241	73.1	S	S	41
For-hire truck	S	S	S	S	S	S	141
Private truck	2 644	47.9	12 119	41.7	321	8.4	20
Rail	S	S	S	S	S	S	405
Water	S	S	S	S	S	S	454
Shallow draft	S	S	S	S	S	S	454
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	732
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**956**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	956
Truck and rail	–	–	–	–	–	–	–
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**69**
SCTG 23, CHEMICAL PRODUCTS AND PREPARATIONS, N.E.C.							
Total	**48 650**	**100.0**	**24 374**	**100.0**	**12 437**	**100.0**	**288**
Single modes	**42 366**	**87.1**	**22 774**	**93.4**	**10 293**	**82.8**	**199**
Truck[1]	41 194	84.7	21 392	87.8	9 157	73.6	194
For-hire truck	29 152	59.9	15 871	65.1	7 561	60.8	425
Private truck	11 964	24.6	5 476	22.5	1 583	12.7	69
Rail	1 010	2.1	1 344	5.5	1 100	8.8	1 007
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	914
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**5 398**	**11.1**	**1 262**	**5.2**	**1 941**	**15.6**	**469**
Parcel, U.S. Postal Service or courier	3 123	6.4	228	.9	89	.7	462
Truck and rail	2 273	4.7	1 033	4.2	1 847	14.9	1 696
Truck and water	3	–	1	–	4	–	4 885
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	336
Other and unknown modes	**885**	**1.8**	**338**	**1.4**	**203**	**1.6**	**S**
SCTG 24, PLASTICS AND RUBBER							
Total	**69 151**	**100.0**	**24 151**	**100.0**	**11 210**	**100.0**	**523**
Single modes	**60 368**	**87.3**	**22 684**	**93.9**	**9 848**	**87.9**	**278**
Truck[1]	57 871	83.7	20 412	84.5	8 310	74.1	244
For-hire truck	43 039	62.2	15 461	64.0	7 294	65.1	520
Private truck	14 475	20.9	4 833	20.0	960	8.6	72
Rail	2 148	3.1	2 251	9.3	1 506	13.4	246
Water	S	S	S	S	S	S	707
Shallow draft	–	–	–	–	–	–	–
Great Lakes	S	S	S	S	S	S	707
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	349	.5	21	–	32	.3	1 429
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**7 065**	**10.2**	**1 018**	**4.2**	**1 151**	**10.3**	**699**
Parcel, U.S. Postal Service or courier	6 044	8.7	444	1.8	280	2.5	698
Truck and rail	1 021	1.5	573	2.4	870	7.8	1 480
Truck and water	S	S	S	S	S	S	4 024
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**1 718**	**2.5**	**449**	**1.9**	**211**	**1.9**	**115**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**598**	**100.0**	**6 540**	**100.0**	**1 124**	**100.0**	**442**
Single modes	**566**	**94.6**	**6 415**	**98.1**	**936**	**83.3**	**104**
Truck[1]	539	90.2	5 965	91.2	852	75.8	101
For-hire truck	239	40.0	2 588	39.6	456	40.6	141
Private truck	215	36.0	3 183	48.7	S	S	80
Rail	26	4.4	S	S	85	7.5	S
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**	**815**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	811
Truck and rail	S	S	S	S	S	S	1 621
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**7**	**1.2**	**S**	**S**	**5**	**.4**	**70**
SCTG 26, WOOD PRODUCTS							
Total	**15 812**	**100.0**	**28 936**	**100.0**	**5 601**	**100.0**	**220**
Single modes	**15 089**	**95.4**	**28 243**	**97.6**	**5 221**	**93.2**	**153**
Truck[1]	14 783	93.5	27 213	94.0	4 481	80.0	149
For-hire truck	6 156	38.9	11 508	39.8	2 958	52.8	401
Private truck	8 470	53.6	15 259	52.7	1 504	26.9	80
Rail	264	1.7	1 027	3.6	737	13.2	812
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	1 100
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**361**	**2.3**	**148**	**.5**	**234**	**4.2**	**809**
Parcel, U.S. Postal Service or courier	156	1.0	17	–	11	.2	770
Truck and rail	205	1.3	132	.5	222	4.0	2 318
Truck and water	S	S	S	S	S	S	804
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**362**	**2.3**	**545**	**1.9**	**147**	**2.6**	**76**
SCTG 27, PULP, NEWSPRINT, PAPER, AND PAPERBOARD							
Total	**21 990**	**100.0**	**37 304**	**100.0**	**15 089**	**100.0**	**271**
Single modes	**20 839**	**94.8**	**36 679**	**98.3**	**14 603**	**96.8**	**197**
Truck[1]	18 003	81.9	32 388	86.8	11 317	75.0	178
For-hire truck	13 879	63.1	28 988	77.7	10 898	72.2	426
Private truck	4 029	18.3	3 335	8.9	388	2.6	42
Rail	2 597	11.8	3 742	10.0	3 280	21.7	881
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	24	.1	4	–	3	–	1 064
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**916**	**4.2**	**268**	**.7**	**287**	**1.9**	**350**
Parcel, U.S. Postal Service or courier	731	3.3	103	.3	42	.3	346
Truck and rail	180	.8	162	.4	230	1.5	1 449
Truck and water	S	S	S	S	S	S	8 196
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	1 785
Other and unknown modes	**235**	**1.1**	**356**	**1.0**	**199**	**1.3**	**125**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**20 413**	**100.0**	**13 653**	**100.0**	**4 185**	**100.0**	**331**
Single modes	**18 336**	**89.8**	**13 164**	**96.4**	**3 785**	**90.5**	**142**
Truck[1]	18 121	88.8	13 096	95.9	3 671	87.7	130
For-hire truck	12 455	61.0	8 836	64.7	3 200	76.5	367
Private truck	5 536	27.1	4 142	30.3	409	9.8	46
Rail	87	.4	61	.4	106	2.5	1 893
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	7	–	S	S	1 183
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**1 547**	**7.6**	**274**	**2.0**	**330**	**7.9**	**665**
Parcel, U.S. Postal Service or courier	1 229	6.0	122	.9	68	1.6	664
Truck and rail	317	1.6	152	1.1	262	6.3	1 575
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**530**	**2.6**	**215**	**1.6**	**70**	**1.7**	**S**
SCTG 29, PRINTED PRODUCTS							
Total	**47 151**	**100.0**	**15 478**	**100.0**	**5 241**	**100.0**	**381**
Single modes	**34 010**	**72.1**	**13 920**	**89.9**	**4 593**	**87.6**	**163**
Truck[1]	33 025	70.0	13 853	89.5	4 491	85.7	102
For-hire truck	22 175	47.0	8 165	52.8	4 191	80.0	210
Private truck	10 754	22.8	5 658	36.6	292	5.6	26
Rail	49	.1	19	.1	35	.7	1 611
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	937	2.0	49	.3	67	1.3	1 177
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**10 279**	**21.8**	**756**	**4.9**	**518**	**9.9**	**520**
Parcel, U.S. Postal Service or courier	10 008	21.2	653	4.2	382	7.3	520
Truck and rail	S	S	102	.7	135	2.6	1 816
Truck and water	S	S	S	S	S	S	2 794
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	1 571
Other and unknown modes	**2 863**	**6.1**	**802**	**5.2**	**131**	**2.5**	**160**
SCTG 30, TEXTILES, LEATHER, AND ARTICLES OF TEXTILES OR LEATHER							
Total	**28 063**	**100.0**	**2 409**	**100.0**	**1 320**	**100.0**	**713**
Single modes	**15 615**	**55.6**	**1 863**	**77.3**	**955**	**72.4**	**395**
Truck[1]	15 353	54.7	1 851	76.8	946	71.7	366
For-hire truck	10 407	37.1	859	35.7	487	36.9	642
Private truck	4 417	15.7	964	40.0	S	S	183
Rail	S	S	S	S	S	S	1 550
Water	S	S	S	S	S	S	5
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	5
Air (includes truck and air)	S	S	8	.3	5	.4	1 201
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**10 494**	**37.4**	**402**	**16.7**	**319**	**24.2**	**767**
Parcel, U.S. Postal Service or courier	10 133	36.1	380	15.8	263	19.9	766
Truck and rail	358	1.3	22	.9	54	4.1	2 299
Truck and water	S	S	S	S	S	S	5 040
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**1 954**	**7.0**	**144**	**6.0**	**46**	**3.5**	**S**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**22 009**	**100.0**	**201 293**	**100.0**	**17 408**	**100.0**	**388**
Single modes	**20 096**	**91.3**	**198 873**	**98.8**	**15 759**	**90.5**	**148**
Truck[1]	19 477	88.5	190 542	94.7	11 464	65.9	143
For-hire truck	12 292	55.9	S	S	8 887	51.1	326
Private truck	6 502	29.5	70 721	35.1	2 160	12.4	40
Rail	305	1.4	3 650	1.8	2 529	14.5	717
Water	274	1.2	4 643	2.3	1 730	9.9	442
Shallow draft	S	S	S	S	S	S	529
Great Lakes	S	S	S	S	S	S	353
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	40	.2	39	–	S	S	1 072
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**1 366**	**6.2**	**321**	**.2**	**324**	**1.9**	**733**
Parcel, U.S. Postal Service or courier	1 246	5.7	82	–	58	.3	730
Truck and rail	94	.4	78	–	150	.9	1 987
Truck and water	S	S	S	S	S	S	9 813
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	228
Other and unknown modes	**547**	**2.5**	**2 099**	**1.0**	**1 325**	**7.6**	**119**
SCTG 32, BASE METAL IN PRIMARY OR SEMIFINISHED FORMS AND IN FINISHED BASIC SHAPES							
Total	**105 842**	**100.0**	**161 382**	**100.0**	**41 954**	**100.0**	**221**
Single modes	**101 585**	**96.0**	**155 384**	**96.3**	**38 623**	**92.1**	**188**
Truck[1]	92 049	87.0	134 061	83.1	27 388	65.3	181
For-hire truck	67 342	63.6	104 689	64.9	23 471	55.9	323
Private truck	23 908	22.6	28 091	17.4	3 643	8.7	70
Rail	9 178	8.7	20 984	13.0	10 972	26.2	531
Water	S	S	S	S	S	S	2 902
Shallow draft	S	S	S	S	S	S	1 150
Great Lakes	S	S	S	S	S	S	7
Deep draft	S	S	S	S	S	S	8 390
Air (includes truck and air)	281	.3	166	.1	89	.2	1 013
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**2 509**	**2.4**	**S**	**S**	**S**	**S**	**470**
Parcel, U.S. Postal Service or courier	1 137	1.1	62	–	27	–	462
Truck and rail	593	.6	531	.3	473	1.1	1 060
Truck and water	S	S	S	S	S	S	997
Rail and water	S	S	S	S	S	S	787
Other multiple modes	S	S	S	S	S	S	536
Other and unknown modes	**1 748**	**1.7**	**3 323**	**2.1**	**1 262**	**3.0**	**152**
SCTG 33, ARTICLES OF BASE METAL							
Total	**66 830**	**100.0**	**25 970**	**100.0**	**11 779**	**100.0**	**470**
Single modes	**51 450**	**77.0**	**23 913**	**92.1**	**10 441**	**88.6**	**251**
Truck[1]	50 188	75.1	22 499	86.6	8 439	71.6	232
For-hire truck	34 714	51.9	15 555	59.9	7 441	63.2	520
Private truck	15 383	23.0	6 820	26.3	972	8.2	67
Rail	898	1.3	1 354	5.2	1 959	16.6	S
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	365	.5	61	.2	44	.4	1 095
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**13 033**	**19.5**	**815**	**3.1**	**593**	**5.0**	**655**
Parcel, U.S. Postal Service or courier	12 777	19.1	532	2.0	371	3.2	655
Truck and rail	240	.4	279	1.1	215	1.8	887
Truck and water	S	S	S	S	S	S	8 608
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	704
Other and unknown modes	**2 346**	**3.5**	**1 243**	**4.8**	**744**	**6.3**	**50**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**137 220**	**100.0**	**20 645**	**100.0**	**10 063**	**100.0**	**401**
Single modes	**112 987**	**82.3**	**18 877**	**91.4**	**8 299**	**82.5**	**288**
Truck[1]	107 207	78.1	18 134	87.8	7 587	75.4	221
For-hire truck	83 508	60.9	14 409	69.8	6 814	67.7	655
Private truck	23 380	17.0	3 659	17.7	738	7.3	44
Rail	3 522	2.6	675	3.3	646	6.4	S
Water	S	S	S	S	S	S	33
Shallow draft	–	–	–	–	–	–	–
Great Lakes	S	S	S	S	S	S	33
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	2 258	1.6	68	.3	66	.7	1 181
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**19 953**	**14.5**	**1 266**	**6.1**	**1 582**	**15.7**	**529**
Parcel, U.S. Postal Service or courier	16 236	11.8	407	2.0	214	2.1	527
Truck and rail	3 709	2.7	762	3.7	1 215	12.1	1 482
Truck and water	S	S	S	S	S	S	8 518
Rail and water	S	S	S	S	S	S	1 546
Other multiple modes	S	S	S	S	S	S	440
Other and unknown modes	**4 280**	**3.1**	**502**	**2.4**	**182**	**1.8**	**75**
SCTG 35, ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT AND COMPONENTS AND OFFICE EQUIPMENT							
Total	**114 786**	**100.0**	**8 885**	**100.0**	**5 303**	**100.0**	**435**
Single modes	**81 995**	**71.4**	**7 954**	**89.5**	**4 511**	**85.1**	**256**
Truck[1]	76 396	66.6	7 782	87.6	4 261	80.3	175
For-hire truck	57 490	50.1	5 371	60.5	3 672	69.2	587
Private truck	18 402	16.0	2 355	26.5	549	10.4	41
Rail	803	.7	105	1.2	170	3.2	1 064
Water	S	S	S	S	S	S	1 479
Shallow draft	S	S	S	S	S	S	1 479
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	4 786	4.2	67	.8	80	1.5	1 188
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**28 452**	**24.8**	**661**	**7.4**	**692**	**13.0**	**629**
Parcel, U.S. Postal Service or courier	27 158	23.7	445	5.0	253	4.8	624
Truck and rail	1 287	1.1	215	2.4	430	8.1	2 407
Truck and water	S	S	S	S	S	S	10 214
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	393
Other and unknown modes	**4 340**	**3.8**	**270**	**3.0**	**100**	**1.9**	**127**
SCTG 36, MOTORIZED AND OTHER VEHICLES (INCLUDING PARTS)							
Total	**258 172**	**100.0**	**53 326**	**100.0**	**22 525**	**100.0**	**296**
Single modes	**205 123**	**79.5**	**48 007**	**90.0**	**18 708**	**83.1**	**143**
Truck[1]	159 900	61.9	37 388	70.1	10 785	47.9	101
For-hire truck	133 790	51.8	31 624	59.3	9 769	43.4	372
Private truck	24 841	9.6	5 403	10.1	942	4.2	30
Rail	43 457	16.8	10 422	19.5	7 772	34.5	1 016
Water	S	S	S	S	S	S	1
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	1
Air (includes truck and air)	1 766	.7	196	.4	150	.7	1 019
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**28 248**	**10.9**	**2 509**	**4.7**	**2 752**	**12.2**	**632**
Parcel, U.S. Postal Service or courier	7 445	2.9	374	.7	239	1.1	621
Truck and rail	20 777	8.0	2 133	4.0	2 503	11.1	1 118
Truck and water	S	S	S	S	S	S	6 340
Rail and water	S	S	S	S	S	S	5 480
Other multiple modes	S	S	S	S	S	S	4 361
Other and unknown modes	**24 802**	**9.6**	**2 810**	**5.3**	**1 065**	**4.7**	**76**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**10 387**	**100.0**	**1 334**	**100.0**	**637**	**100.0**	**734**
Single modes	**7 474**	**72.0**	**1 319**	**98.8**	**626**	**98.3**	**700**
Truck[1]	5 627	54.2	737	55.3	382	59.9	575
For-hire truck	3 982	38.3	504	37.8	271	42.6	699
Private truck	1 646	15.8	233	17.5	111	17.4	247
Rail	544	5.2	346	25.9	83	13.1	231
Water	S	S	S	S	S	S	712
Shallow draft	S	S	S	S	S	S	712
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	1 069	10.3	3	.2	3	.4	1 105
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**2 761**	**26.6**	**12**	**.9**	**9**	**1.4**	**772**
Parcel, U.S. Postal Service or courier	2 750	26.5	8	.6	6	1.0	772
Truck and rail	S	S	S	S	S	S	861
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**152**	**1.5**	**S**	**S**	**2**	**.3**	**S**
SCTG 38, PRECISION INSTRUMENTS AND APPARATUS							
Total	**21 500**	**100.0**	**343**	**100.0**	**200**	**100.0**	**637**
Single modes	**9 775**	**45.5**	**233**	**67.9**	**124**	**62.2**	**795**
Truck[1]	7 464	34.7	222	64.8	114	57.0	268
For-hire truck	5 468	25.4	154	44.8	106	53.0	577
Private truck	1 995	9.3	69	20.0	8	4.0	48
Rail	S	S	S	S	S	S	115
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	2 308	10.7	11	3.2	10	5.2	1 155
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**10 704**	**49.8**	**87**	**25.4**	**62**	**30.8**	**609**
Parcel, U.S. Postal Service or courier	10 698	49.8	87	25.4	61	30.7	609
Truck and rail	S	S	S	S	S	S	S
Truck and water	S	S	S	S	S	S	1 434
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**1 022**	**4.8**	**23**	**6.6**	**S**	**S**	**160**
SCTG 39, FURNITURE, MATTRESSES AND MATTRESS SUPPORTS, LAMPS, LIGHTING FITTINGS, AND ILLUMINATED SIGNS							
Total	**21 568**	**100.0**	**4 684**	**100.0**	**2 968**	**100.0**	**492**
Single modes	**20 183**	**93.6**	**4 419**	**94.3**	**2 665**	**89.8**	**435**
Truck[1]	19 813	91.9	4 303	91.9	2 528	85.2	419
For-hire truck	12 997	60.3	2 910	62.1	2 179	73.4	761
Private truck	6 788	31.5	1 390	29.7	349	11.7	120
Rail	203	.9	S	S	S	S	768
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	168	.8	S	S	S	S	1 067
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**925**	**4.3**	**126**	**2.7**	**218**	**7.3**	**673**
Parcel, U.S. Postal Service or courier	699	3.2	49	1.0	36	1.2	647
Truck and rail	226	1.0	S	S	S	S	1 843
Truck and water	S	S	S	S	S	S	10 113
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**459**	**2.1**	**139**	**3.0**	**85**	**2.9**	**355**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**79 031**	**100.0**	**17 049**	**100.0**	**8 378**	**100.0**	**691**
Single modes	**58 491**	**74.0**	**15 788**	**92.6**	**7 552**	**90.1**	**409**
Truck[1]	56 231	71.2	15 432	90.5	7 145	85.3	368
For-hire truck	37 609	47.6	9 894	58.0	5 234	62.5	684
Private truck	18 499	23.4	5 432	31.9	S	S	77
Rail	S	S	S	S	380	4.5	987
Water	S	S	S	S	S	S	10 468
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	S	S	S	S	S	S	10 468
Air (includes truck and air)	1 191	1.5	27	.2	27	.3	1 154
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**17 659**	**22.3**	**728**	**4.3**	**587**	**7.0**	**797**
Parcel, U.S. Postal Service or courier	17 115	21.7	628	3.7	438	5.2	797
Truck and rail	543	.7	99	.6	149	1.8	1 619
Truck and water	S	S	S	S	S	S	7 475
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	294
Other and unknown modes	**2 880**	**3.6**	**533**	**3.1**	**239**	**2.8**	**175**
SCTG 41, WASTE AND SCRAP							
Total	**10 216**	**100.0**	**50 628**	**100.0**	**8 009**	**100.0**	**139**
Single modes	**10 079**	**98.7**	**50 191**	**99.1**	**7 790**	**97.3**	**128**
Truck[1]	8 128	79.6	36 012	71.1	4 235	52.9	118
For-hire truck	4 698	46.0	17 666	34.9	2 932	36.6	181
Private truck	3 389	33.2	17 956	35.5	1 273	15.9	66
Rail	1 951	19.1	14 178	28.0	3 555	44.4	232
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	956
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**113**	**1.1**	**315**	**.6**	**200**	**2.5**	**1 018**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	1 015
Truck and rail	113	1.1	314	.6	200	2.5	1 024
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**134**
SCTG 43, MIXED FREIGHT							
Total	**29 360**	**100.0**	**14 234**	**100.0**	**1 915**	**100.0**	**395**
Single modes	**25 358**	**86.4**	**12 829**	**90.1**	**1 579**	**82.4**	**108**
Truck[1]	25 167	85.7	12 799	89.9	1 560	81.5	107
For-hire truck	3 174	10.8	1 682	11.8	327	17.1	186
Private truck	21 991	74.9	11 116	78.1	1 233	64.4	104
Rail	S	S	S	S	S	S	581
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	861
Pipeline[2]	–	–	–	–	S	S	S
Multiple modes	**1 079**	**3.7**	**175**	**1.2**	**S**	**S**	**801**
Parcel, U.S. Postal Service or courier	S	S	90	.6	S	S	801
Truck and rail	S	S	S	S	S	S	1 529
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**2 924**	**10.0**	**1 230**	**8.6**	**144**	**7.5**	**S**

See footnotes at end of table.

Table 7. **Shipment Characteristics by Two-Digit Commodity and Mode of Transportation for the Division: 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	**7 776**	**100.0**	**7 924**	**100.0**	**932**	**100.0**	**481**
Single modes	**6 480**	**83.3**	**7 731**	**97.6**	**841**	**90.2**	**215**
Truck[1]	5 397	69.4	5 337	67.4	626	67.2	202
For-hire truck	3 227	41.5	1 319	16.7	384	41.2	720
Private truck	2 170	27.9	4 016	50.7	243	26.1	41
Rail	S	S	S	S	S	S	342
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	786
Pipeline[2]	S	S	S	S	S	S	S
Multiple modes	**758**	**9.7**	**63**	**.8**	**39**	**4.2**	**808**
Parcel, U.S. Postal Service or courier	733	9.4	28	.4	17	1.8	808
Truck and rail	24	.3	S	S	20	2.1	534
Truck and water	S	S	S	S	S	S	1 694
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	5 308
Other and unknown modes	**538**	**6.9**	**130**	**1.6**	**S**	**S**	**250**

– 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 Division: 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	**1 462 475**	**2 140 708**	**423 366**
Less than 50 miles	419 619	1 276 818	28 834
50 to 99 miles	130 965	203 961	18 878
100 to 249 miles	261 600	273 376	58 000
250 to 499 miles	249 747	185 370	90 223
500 to 749 miles	173 243	110 327	95 730
750 to 999 miles	86 859	52 161	59 144
1,000 to 1,499 miles	63 495	18 294	26 424
1,500 to 1,999 miles	67 482	17 972	39 727
2,000 miles or more	9 466	2 431	6 407
SCTG 01, Live animals and live fish	**1 742**	**1 702**	**381**
Less than 50 miles	175	211	7
50 to 99 miles	287	277	28
100 to 249 miles	970	925	S
250 to 499 miles	293	280	123
500 to 749 miles	15	9	6
750 to 999 miles	S	S	S
1,000 to 1,499 miles	–	–	–
1,500 to 1,999 miles	S	S	S
2,000 miles or more	–	–	–
SCTG 02, Cereal grains	**13 858**	**118 378**	**54 623**
Less than 50 miles	5 382	49 992	1 349
50 to 99 miles	1 119	9 779	934
100 to 249 miles	1 098	4 995	997
250 to 499 miles	1 937	16 678	10 630
500 to 749 miles	2 698	24 988	25 362
750 to 999 miles	1 335	11 479	14 595
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	S	127	290
2,000 miles or more	S	S	S
SCTG 03, Other agricultural products	**18 646**	**49 403**	**19 752**
Less than 50 miles	8 602	23 316	647
50 to 99 miles	2 636	5 637	521
100 to 249 miles	1 755	3 020	566
250 to 499 miles	1 363	3 363	2 275
500 to 749 miles	2 811	10 005	10 481
750 to 999 miles	1 005	3 771	4 705
1,000 to 1,499 miles	119	124	179
1,500 to 1,999 miles	S	155	345
2,000 miles or more	7	S	S
SCTG 04, Animal feed and products of animal origin, n.e.c.	**13 348**	**37 237**	**13 331**
Less than 50 miles	4 089	15 323	309
50 to 99 miles	1 554	2 745	252
100 to 249 miles	1 930	4 226	828
250 to 499 miles	2 816	6 985	3 907
500 to 749 miles	1 808	6 122	5 393
750 to 999 miles	564	1 072	1 107
1,000 to 1,499 miles	152	234	318
1,500 to 1,999 miles	430	520	1 184
2,000 miles or more	S	S	S
SCTG 05, Meat, fish, seafood, and their preparations	**25 637**	**10 210**	**4 193**
Less than 50 miles	7 404	2 939	64
50 to 99 miles	3 080	1 391	127
100 to 249 miles	4 703	2 056	414
250 to 499 miles	3 242	1 402	633
500 to 749 miles	2 430	929	722
750 to 999 miles	1 902	610	618
1,000 to 1,499 miles	1 006	375	522
1,500 to 1,999 miles	1 753	464	995
2,000 miles or more	117	42	99
SCTG 06, Milled grain products and preparations, and bakery products	**25 036**	**24 034**	**12 458**
Less than 50 miles	5 701	4 551	135
50 to 99 miles	2 266	1 969	179
100 to 249 miles	4 276	5 115	1 126
250 to 499 miles	4 506	4 211	2 035
500 to 749 miles	4 297	4 558	3 728
750 to 999 miles	1 739	1 933	2 062
1,000 to 1,499 miles	781	746	1 062
1,500 to 1,999 miles	1 368	906	2 003
2,000 miles or more	103	45	130
SCTG 07, Other prepared foodstuffs and fats and oils	**78 660**	**88 479**	**30 361**
Less than 50 miles	24 304	30 507	730
50 to 99 miles	8 918	11 930	1 101
100 to 249 miles	14 858	16 750	3 336
250 to 499 miles	11 120	12 778	6 506
500 to 749 miles	9 139	8 404	6 785
750 to 999 miles	4 763	4 395	4 772
1,000 to 1,499 miles	2 016	1 337	1 885
1,500 to 1,999 miles	3 445	2 320	5 102
2,000 miles or more	98	57	145

See footnotes at end of table.

Table 8. **Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Division: 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	**10 756**	**10 409**	**1 632**
Less than 50 miles	7 543	6 388	111
50 to 99 miles	779	831	70
100 to 249 miles	1 242	1 878	365
250 to 499 miles	544	756	323
500 to 749 miles	262	179	153
750 to 999 miles	123	101	105
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	80	45	96
2,000 miles or more	S	S	S
SCTG 09, Tobacco products	**5 094**	**254**	**54**
Less than 50 miles	2 719	135	4
50 to 99 miles	775	45	4
100 to 249 miles	739	47	9
250 to 499 miles	433	12	5
500 to 749 miles	94	3	2
750 to 999 miles	S	S	S
1,000 to 1,499 miles	93	3	4
1,500 to 1,999 miles	S	S	S
2,000 miles or more	S	S	S
SCTG 10, Monumental or building stone	**273**	**2 556**	**152**
Less than 50 miles	S	2 249	33
50 to 99 miles	S	34	3
100 to 249 miles	43	137	31
250 to 499 miles	19	60	24
500 to 749 miles	29	57	41
750 to 999 miles	6	15	15
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 11, Natural sands	**876**	**90 960**	**6 073**
Less than 50 miles	603	77 861	1 975
50 to 99 miles	76	5 347	492
100 to 249 miles	97	4 695	1 110
250 to 499 miles	37	1 005	403
500 to 749 miles	34	615	499
750 to 999 miles	14	S	S
1,000 to 1,499 miles	10	S	S
1,500 to 1,999 miles	4	31	67
2,000 miles or more	S	S	S
SCTG 12, Gravel and crushed stone	**2 117**	**403 496**	**24 084**
Less than 50 miles	1 783	341 607	7 488
50 to 99 miles	96	18 323	1 609
100 to 249 miles	132	22 721	4 679
250 to 499 miles	87	18 505	8 314
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 13, Nonmetallic minerals n.e.c.	**1 505**	**56 699**	**5 642**
Less than 50 miles	627	40 070	810
50 to 99 miles	234	4 378	382
100 to 249 miles	336	6 657	1 427
250 to 499 miles	187	4 944	2 404
500 to 749 miles	70	455	351
750 to 999 miles	19	78	78
1,000 to 1,499 miles	S	85	117
1,500 to 1,999 miles	S	20	43
2,000 miles or more	S	S	S
SCTG 14, Metallic ores and concentrates	**1 182**	**15 530**	**3 334**
Less than 50 miles	477	10 101	522
50 to 99 miles	S	49	4
100 to 249 miles	126	S	S
250 to 499 miles	317	4 347	S
500 to 749 miles	53	50	36
750 to 999 miles	9	13	14
1,000 to 1,499 miles	6	S	S
1,500 to 1,999 miles	35	S	S
2,000 miles or more	S	S	S
SCTG 15, Coal	**3 614**	**140 018**	**26 075**
Less than 50 miles	2 007	73 125	2 574
50 to 99 miles	441	18 942	2 073
100 to 249 miles	721	28 626	6 780
250 to 499 miles	205	8 959	4 252
500 to 749 miles	149	6 366	5 718
750 to 999 miles	92	4 000	4 678
1,000 to 1,499 miles	–	–	–
1,500 to 1,999 miles	–	–	–
2,000 miles or more	–	–	–

See footnotes at end of table.

Table 8. **Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Division: 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	**41 370**	**159 152**	**9 085**
Less than 50 miles	31 228	117 404	2 368
50 to 99 miles	4 199	14 903	1 273
100 to 249 miles	5 024	22 820	3 947
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	–	–	–
1,500 to 1,999 miles	–	–	–
2,000 miles or more	–	–	–
SCTG 18, Fuel oils	**14 884**	**73 389**	**3 191**
Less than 50 miles	11 785	57 099	951
50 to 99 miles	1 635	8 231	696
100 to 249 miles	1 332	7 319	1 171
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	–	–	–
1,500 to 1,999 miles	–	–	–
2,000 miles or more	–	–	–
SCTG 19, Coal and petroleum products, n.e.c.	**12 420**	**77 688**	**9 112**
Less than 50 miles	6 577	56 433	919
50 to 99 miles	1 026	4 753	431
100 to 249 miles	2 021	9 645	2 149
250 to 499 miles	1 508	3 625	1 893
500 to 749 miles	628	1 744	1 382
750 to 999 miles	228	427	465
1,000 to 1,499 miles	307	582	813
1,500 to 1,999 miles	122	S	S
2,000 miles or more	S	S	S
SCTG 20, Basic chemicals	**14 795**	**30 463**	**7 283**
Less than 50 miles	4 816	14 532	253
50 to 99 miles	1 119	2 923	284
100 to 249 miles	2 557	6 363	1 374
250 to 499 miles	3 063	3 359	1 584
500 to 749 miles	1 480	1 203	1 020
750 to 999 miles	708	1 327	1 482
1,000 to 1,499 miles	329	S	667
1,500 to 1,999 miles	581	179	407
2,000 miles or more	143	80	214
SCTG 21, Pharmaceutical products	**34 612**	**1 060**	**473**
Less than 50 miles	6 607	317	7
50 to 99 miles	3 462	108	11
100 to 249 miles	5 970	139	28
250 to 499 miles	8 014	183	80
500 to 749 miles	3 760	160	123
750 to 999 miles	3 424	67	68
1,000 to 1,499 miles	1 145	33	47
1,500 to 1,999 miles	2 119	49	106
2,000 miles or more	112	1	4
SCTG 22, Fertilizers	**5 525**	**29 049**	**S**
Less than 50 miles	3 393	17 774	361
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 23, Chemical products and preparations, n.e.c.	**48 650**	**24 374**	**12 437**
Less than 50 miles	10 500	5 505	128
50 to 99 miles	2 950	1 752	167
100 to 249 miles	8 343	4 976	1 088
250 to 499 miles	9 999	5 014	2 258
500 to 749 miles	7 607	3 238	2 421
750 to 999 miles	3 655	1 588	1 709
1,000 to 1,499 miles	1 791	776	1 080
1,500 to 1,999 miles	3 320	1 265	2 884
2,000 miles or more	486	259	702
SCTG 24, Plastics and rubber	**69 151**	**24 151**	**11 210**
Less than 50 miles	16 346	5 585	149
50 to 99 miles	5 570	2 038	189
100 to 249 miles	12 788	4 390	940
250 to 499 miles	14 409	5 573	2 494
500 to 749 miles	9 425	3 570	2 769
750 to 999 miles	4 157	1 208	1 246
1,000 to 1,499 miles	2 884	767	1 124
1,500 to 1,999 miles	2 747	812	1 755
2,000 miles or more	824	207	543

See footnotes at end of table.

Table 8. **Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Division: 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	**598**	**6 540**	**1 124**
Less than 50 miles	227	2 699	64
50 to 99 miles	131	2 549	244
100 to 249 miles	68	252	51
250 to 499 miles	110	S	S
500 to 749 miles	21	44	32
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	33	S	S
2,000 miles or more	S	S	S
SCTG 26, Wood products	**15 812**	**28 936**	**5 601**
Less than 50 miles	6 126	13 329	382
50 to 99 miles	2 132	5 856	519
100 to 249 miles	2 899	5 520	1 111
250 to 499 miles	1 883	2 140	961
500 to 749 miles	1 224	997	740
750 to 999 miles	555	352	374
1,000 to 1,499 miles	349	209	298
1,500 to 1,999 miles	613	514	1 165
2,000 miles or more	32	20	51
SCTG 27, Pulp, newsprint, paper, and paperboard	**21 990**	**37 304**	**15 089**
Less than 50 miles	4 719	5 232	111
50 to 99 miles	1 993	S	S
100 to 249 miles	3 503	5 311	1 207
250 to 499 miles	4 861	5 386	2 610
500 to 749 miles	3 384	3 775	2 991
750 to 999 miles	1 828	2 776	2 967
1,000 to 1,499 miles	659	915	1 406
1,500 to 1,999 miles	958	1 205	2 601
2,000 miles or more	86	68	186
SCTG 28, Paper or paperboard articles	**20 413**	**13 653**	**4 185**
Less than 50 miles	6 787	5 675	152
50 to 99 miles	2 126	1 744	158
100 to 249 miles	3 115	2 361	474
250 to 499 miles	3 210	1 677	732
500 to 749 miles	2 128	933	724
750 to 999 miles	1 372	576	600
1,000 to 1,499 miles	585	236	351
1,500 to 1,999 miles	1 010	434	949
2,000 miles or more	78	18	45
SCTG 29, Printed products	**47 151**	**15 478**	**5 241**
Less than 50 miles	15 391	7 474	134
50 to 99 miles	2 924	1 065	97
100 to 249 miles	6 127	1 786	362
250 to 499 miles	7 049	1 706	792
500 to 749 miles	6 811	1 609	1 199
750 to 999 miles	3 485	666	686
1,000 to 1,499 miles	2 231	S	S
1,500 to 1,999 miles	2 864	404	866
2,000 miles or more	269	29	73
SCTG 30, Textiles, leather, and articles of textiles or leather	**28 063**	**2 409**	**1 320**
Less than 50 miles	4 299	457	11
50 to 99 miles	1 550	162	16
100 to 249 miles	5 673	665	143
250 to 499 miles	6 091	425	193
500 to 749 miles	4 504	226	168
750 to 999 miles	2 689	163	167
1,000 to 1,499 miles	1 220	79	106
1,500 to 1,999 miles	1 641	S	S
2,000 miles or more	399	22	58
SCTG 31, Nonmetallic mineral products	**22 009**	**201 293**	**17 408**
Less than 50 miles	7 200	S	S
50 to 99 miles	2 128	11 787	1 108
100 to 249 miles	4 152	14 663	3 084
250 to 499 miles	4 096	8 400	3 874
500 to 749 miles	1 748	2 102	1 670
750 to 999 miles	820	1 388	1 474
1,000 to 1,499 miles	631	572	804
1,500 to 1,999 miles	952	832	1 824
2,000 miles or more	282	179	482
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**105 842**	**161 382**	**41 954**
Less than 50 miles	29 034	56 634	1 166
50 to 99 miles	12 232	21 562	2 000
100 to 249 miles	26 866	40 105	9 018
250 to 499 miles	21 317	26 280	11 406
500 to 749 miles	8 524	9 199	6 937
750 to 999 miles	3 634	4 082	4 733
1,000 to 1,499 miles	1 814	1 668	2 340
1,500 to 1,999 miles	1 996	1 441	3 290
2,000 miles or more	425	412	1 064

See footnotes at end of table.

Table 8. **Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Division: 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	**66 830**	**25 970**	**11 779**
Less than 50 miles	16 338	6 560	167
50 to 99 miles	5 784	2 498	231
100 to 249 miles	12 071	4 967	1 032
250 to 499 miles	12 922	4 804	2 170
500 to 749 miles	8 807	3 196	2 368
750 to 999 miles	4 019	1 282	1 326
1,000 to 1,499 miles	3 120	1 921	2 806
1,500 to 1,999 miles	3 031	555	1 190
2,000 miles or more	737	188	489
SCTG 34, Machinery	**137 220**	**20 645**	**10 063**
Less than 50 miles	33 877	5 340	131
50 to 99 miles	11 256	1 909	193
100 to 249 miles	24 177	4 097	848
250 to 499 miles	24 618	3 469	1 554
500 to 749 miles	16 678	2 228	1 681
750 to 999 miles	9 411	1 266	1 356
1,000 to 1,499 miles	8 988	1 193	1 678
1,500 to 1,999 miles	7 307	943	2 114
2,000 miles or more	907	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**114 786**	**8 885**	**5 303**
Less than 50 miles	29 130	2 049	44
50 to 99 miles	6 672	687	66
100 to 249 miles	16 578	1 377	289
250 to 499 miles	20 621	1 689	756
500 to 749 miles	16 007	1 052	775
750 to 999 miles	8 014	453	468
1,000 to 1,499 miles	8 428	796	1 210
1,500 to 1,999 miles	8 368	733	1 565
2,000 miles or more	968	49	131
SCTG 36, Motorized and other vehicles (including parts)	**258 172**	**53 326**	**22 525**
Less than 50 miles	57 246	14 908	331
50 to 99 miles	20 017	4 592	435
100 to 249 miles	52 584	12 378	2 886
250 to 499 miles	50 184	9 523	4 699
500 to 749 miles	33 267	5 617	4 365
750 to 999 miles	14 493	2 513	2 723
1,000 to 1,499 miles	16 599	2 259	3 433
1,500 to 1,999 miles	12 029	1 260	2 906
2,000 miles or more	1 752	276	746
SCTG 37, Transportation equipment, n.e.c.	**10 387**	**1 334**	**637**
Less than 50 miles	1 107	290	16
50 to 99 miles	561	41	4
100 to 249 miles	1 799	326	80
250 to 499 miles	2 110	277	123
500 to 749 miles	1 922	272	S
750 to 999 miles	1 064	65	67
1,000 to 1,499 miles	923	40	57
1,500 to 1,999 miles	776	19	41
2,000 miles or more	124	S	S
SCTG 38, Precision instruments and apparatus	**21 500**	**343**	**200**
Less than 50 miles	3 625	68	2
50 to 99 miles	1 521	39	4
100 to 249 miles	3 029	49	10
250 to 499 miles	3 379	59	28
500 to 749 miles	3 681	49	38
750 to 999 miles	2 360	27	28
1,000 to 1,499 miles	1 716	28	39
1,500 to 1,999 miles	1 738	20	42
2,000 miles or more	452	4	10
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**21 568**	**4 684**	**2 968**
Less than 50 miles	5 649	1 213	33
50 to 99 miles	786	208	20
100 to 249 miles	2 905	626	134
250 to 499 miles	2 989	710	318
500 to 749 miles	3 958	784	583
750 to 999 miles	1 938	416	442
1,000 to 1,499 miles	1 685	294	418
1,500 to 1,999 miles	1 515	409	934
2,000 miles or more	S	24	S
SCTG 40, Miscellaneous manufactured products	**79 031**	**17 049**	**8 378**
Less than 50 miles	16 420	4 031	105
50 to 99 miles	7 371	1 938	195
100 to 249 miles	14 582	3 376	713
250 to 499 miles	13 747	2 906	1 236
500 to 749 miles	11 544	1 934	1 491
750 to 999 miles	6 196	979	994
1,000 to 1,499 miles	3 177	584	863
1,500 to 1,999 miles	5 247	1 211	2 557
2,000 miles or more	745	89	224

See footnotes at end of table.

Table 8. **Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Division: 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	**10 216**	**50 628**	**8 009**
Less than 50 miles	3 920	24 693	726
50 to 99 miles	1 593	10 150	1 012
100 to 249 miles	2 739	9 227	2 077
250 to 499 miles	1 432	4 311	2 037
500 to 749 miles	353	1 571	1 255
750 to 999 miles	112	433	461
1,000 to 1,499 miles	36	160	244
1,500 to 1,999 miles	31	84	196
2,000 miles or more	S	S	S
SCTG 43, Mixed freight	**29 360**	**14 234**	**1 915**
Less than 50 miles	13 021	6 389	190
50 to 99 miles	6 301	3 683	330
100 to 249 miles	6 115	3 082	560
250 to 499 miles	1 962	548	237
500 to 749 miles	861	253	188
750 to 999 miles	S	142	142
1,000 to 1,499 miles	187	40	54
1,500 to 1,999 miles	299	97	212
2,000 miles or more	S	S	S
Commodity unknown	**7 776**	**7 924**	**932**
Less than 50 miles	2 671	5 382	89
50 to 99 miles	888	1 064	93
100 to 249 miles	855	626	126
250 to 499 miles	1 441	497	220
500 to 749 miles	890	162	120
750 to 999 miles	419	100	112
1,000 to 1,499 miles	285	53	81
1,500 to 1,999 miles	269	29	61
2,000 miles or more	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.

Table 9. Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Division: 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	**1 462 475**	**2 140 708**	**423 366**
Less than 50 lb	129 496	4 223	1 744
50 to 99 lb	40 650	2 605	773
100 to 499 lb	124 509	15 279	3 726
500 to 749 lb	41 765	7 568	2 011
750 to 999 lb	29 162	6 122	1 303
1,000 to 9,999 lb	346 918	133 894	30 572
10,000 to 49,999 lb	561 573	882 026	156 114
50,000 to 99,999 lb	98 306	402 172	31 969
100,000 lb or more	90 096	686 819	195 155
SCTG 01, Live animals and live fish	**1 742**	**1 702**	**381**
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	–	–	–
750 to 999 lb	–	–	–
1,000 to 9,999 lb	S	S	S
10,000 to 49,999 lb	1 133	1 139	267
50,000 to 99,999 lb	346	327	64
100,000 lb or more	54	42	9
SCTG 02, Cereal grains	**13 858**	**118 378**	**54 623**
Less than 50 lb	–	–	–
50 to 99 lb	S	2	–
100 to 499 lb	8	34	1
500 to 749 lb	S	21	1
750 to 999 lb	7	25	1
1,000 to 9,999 lb	148	811	47
10,000 to 49,999 lb	2 563	7 937	1 072
50,000 to 99,999 lb	4 609	43 697	1 886
100,000 lb or more	6 513	65 850	51 616
SCTG 03, Other agricultural products	**18 646**	**49 403**	**19 752**
Less than 50 lb	945	100	43
50 to 99 lb	166	S	2
100 to 499 lb	615	292	19
500 to 749 lb	262	209	14
750 to 999 lb	171	148	12
1,000 to 9,999 lb	2 726	3 525	402
10,000 to 49,999 lb	4 703	8 795	1 183
50,000 to 99,999 lb	3 698	14 507	718
100,000 lb or more	5 358	21 785	17 360
SCTG 04, Animal feed and products of animal origin, n.e.c.	**13 348**	**37 237**	**13 331**
Less than 50 lb	14	7	1
50 to 99 lb	29	22	1
100 to 499 lb	179	217	10
500 to 749 lb	149	197	10
750 to 999 lb	81	104	6
1,000 to 9,999 lb	1 892	4 468	282
10,000 to 49,999 lb	7 624	17 394	4 445
50,000 to 99,999 lb	1 149	5 256	1 157
100,000 lb or more	2 232	9 573	7 421
SCTG 05, Meat, fish, seafood, and their preparations	**25 637**	**10 210**	**4 193**
Less than 50 lb	175	25	4
50 to 99 lb	293	55	3
100 to 499 lb	1 649	479	29
500 to 749 lb	733	280	25
750 to 999 lb	577	217	25
1,000 to 9,999 lb	8 013	3 160	792
10,000 to 49,999 lb	13 568	5 649	3 201
50,000 to 99,999 lb	171	72	38
100,000 lb or more	459	273	S
SCTG 06, Milled grain products and preparations, and bakery products	**25 036**	**24 034**	**12 458**
Less than 50 lb	375	123	9
50 to 99 lb	263	108	3
100 to 499 lb	1 144	468	24
500 to 749 lb	521	208	18
750 to 999 lb	357	139	21
1,000 to 9,999 lb	4 818	2 467	728
10,000 to 49,999 lb	15 617	11 938	6 466
50,000 to 99,999 lb	554	1 861	317
100,000 lb or more	1 387	6 721	4 872
SCTG 07, Other prepared foodstuffs and fats and oils	**78 660**	**88 479**	**30 361**
Less than 50 lb	465	69	13
50 to 99 lb	475	131	9
100 to 499 lb	2 582	1 390	99
500 to 749 lb	1 231	855	72
750 to 999 lb	1 039	716	67
1,000 to 9,999 lb	14 958	11 278	1 772
10,000 to 49,999 lb	49 944	50 381	16 589
50,000 to 99,999 lb	3 270	9 624	1 335
100,000 lb or more	4 696	14 036	10 405

See footnotes at end of table.

Table 9. **Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Division: 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	**10 756**	**10 409**	**1 632**
Less than 50 lb	120	24	1
50 to 99 lb	215	62	2
100 to 499 lb	1 554	826	18
500 to 749 lb	665	464	9
750 to 999 lb	535	386	8
1,000 to 9,999 lb	3 831	3 411	80
10,000 to 49,999 lb	2 772	3 214	827
50,000 to 99,999 lb	533	1 219	173
100,000 lb or more	531	802	S
SCTG 09, Tobacco products	**5 094**	**254**	**54**
Less than 50 lb	572	15	1
50 to 99 lb	561	15	2
100 to 499 lb	2 123	73	12
500 to 749 lb	430	20	5
750 to 999 lb	270	18	2
1,000 to 9,999 lb	1 096	92	30
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	**273**	**2 556**	**152**
Less than 50 lb	1	–	S
50 to 99 lb	S	S	S
100 to 499 lb	S	S	S
500 to 749 lb	10	7	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	S	78	S
10,000 to 49,999 lb	93	S	99
50,000 to 99,999 lb	26	432	21
100,000 lb or more	S	S	S
SCTG 11, Natural sands	**876**	**90 960**	**6 073**
Less than 50 lb	S	S	S
50 to 99 lb	–	–	–
100 to 499 lb	S	5	–
500 to 749 lb	S	8	–
750 to 999 lb	S	2	–
1,000 to 9,999 lb	81	385	12
10,000 to 49,999 lb	399	40 537	2 265
50,000 to 99,999 lb	203	26 270	1 248
100,000 lb or more	167	23 752	2 548
SCTG 12, Gravel and crushed stone	**2 117**	**403 496**	**24 084**
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	S	4	–
750 to 999 lb	S	S	–
1,000 to 9,999 lb	S	1 919	32
10,000 to 49,999 lb	1 255	245 947	7 715
50,000 to 99,999 lb	332	58 037	1 782
100,000 lb or more	467	97 578	14 554
SCTG 13, Nonmetallic minerals n.e.c.	**1 505**	**56 699**	**5 642**
Less than 50 lb	16	1	S
50 to 99 lb	2	3	S
100 to 499 lb	38	20	1
500 to 749 lb	6	9	1
750 to 999 lb	S	S	S
1,000 to 9,999 lb	194	670	67
10,000 to 49,999 lb	824	33 015	1 595
50,000 to 99,999 lb	138	9 754	616
100,000 lb or more	281	13 220	3 361
SCTG 14, Metallic ores and concentrates	**1 182**	**15 530**	**3 334**
Less than 50 lb	S	S	S
50 to 99 lb	2	–	–
100 to 499 lb	14	1	–
500 to 749 lb	18	2	–
750 to 999 lb	4	1	–
1,000 to 9,999 lb	168	30	10
10,000 to 49,999 lb	388	338	117
50,000 to 99,999 lb	S	44	6
100,000 lb or more	552	15 114	3 200
SCTG 15, Coal	**3 614**	**140 018**	**26 075**
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	S	S	S
1,000 to 9,999 lb	S	14	S
10,000 to 49,999 lb	265	9 753	538
50,000 to 99,999 lb	669	20 370	1 570
100,000 lb or more	2 645	109 875	23 966

See footnotes at end of table.

Table 9. **Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Division: 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	**41 370**	**159 152**	**9 085**
Less than 50 lb	S	4	–
50 to 99 lb	3	6	S
100 to 499 lb	28	65	1
500 to 749 lb	25	52	1
750 to 999 lb	32	85	1
1,000 to 9,999 lb	1 844	3 430	130
10,000 to 49,999 lb	5 958	22 779	1 250
50,000 to 99,999 lb	21 855	79 454	3 583
100,000 lb or more	11 622	53 278	4 118
SCTG 18, Fuel oils	**14 884**	**73 389**	**3 191**
Less than 50 lb	1	1	–
50 to 99 lb	2	6	–
100 to 499 lb	64	151	3
500 to 749 lb	51	168	2
750 to 999 lb	93	313	4
1,000 to 9,999 lb	1 911	5 812	117
10,000 to 49,999 lb	2 536	10 507	533
50,000 to 99,999 lb	4 838	24 299	1 486
100,000 lb or more	5 388	32 131	1 046
SCTG 19, Coal and petroleum products, n.e.c.	**12 420**	**77 688**	**9 112**
Less than 50 lb	76	16	2
50 to 99 lb	37	15	2
100 to 499 lb	446	241	15
500 to 749 lb	126	140	7
750 to 999 lb	192	260	15
1,000 to 9,999 lb	2 319	3 401	320
10,000 to 49,999 lb	4 241	29 745	2 628
50,000 to 99,999 lb	1 331	12 831	976
100,000 lb or more	3 653	31 041	5 148
SCTG 20, Basic chemicals	**14 795**	**30 463**	**7 283**
Less than 50 lb	806	29	6
50 to 99 lb	195	52	6
100 to 499 lb	1 079	756	39
500 to 749 lb	353	221	34
750 to 999 lb	352	167	11
1,000 to 9,999 lb	3 008	2 663	293
10,000 to 49,999 lb	6 654	14 141	2 847
50,000 to 99,999 lb	583	2 399	363
100,000 lb or more	1 766	10 035	3 684
SCTG 21, Pharmaceutical products	**34 612**	**1 060**	**473**
Less than 50 lb	8 739	88	34
50 to 99 lb	2 743	40	11
100 to 499 lb	6 790	122	36
500 to 749 lb	2 521	37	17
750 to 999 lb	1 445	26	10
1,000 to 9,999 lb	8 490	342	175
10,000 to 49,999 lb	3 865	362	175
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	S
SCTG 22, Fertilizers	**5 525**	**29 049**	**S**
Less than 50 lb	S	S	S
50 to 99 lb	S	2	S
100 to 499 lb	21	25	1
500 to 749 lb	12	16	1
750 to 999 lb	13	25	1
1,000 to 9,999 lb	894	3 273	61
10,000 to 49,999 lb	2 502	12 928	S
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	S
SCTG 23, Chemical products and preparations, n.e.c.	**48 650**	**24 374**	**12 437**
Less than 50 lb	2 367	115	32
50 to 99 lb	1 113	102	28
100 to 499 lb	3 450	516	145
500 to 749 lb	1 817	232	60
750 to 999 lb	1 158	212	60
1,000 to 9,999 lb	9 188	3 276	1 177
10,000 to 49,999 lb	28 137	17 672	9 551
50,000 to 99,999 lb	333	508	154
100,000 lb or more	1 087	1 740	1 230
SCTG 24, Plastics and rubber	**69 151**	**24 151**	**11 210**
Less than 50 lb	4 652	233	121
50 to 99 lb	2 101	202	78
100 to 499 lb	7 823	1 024	367
500 to 749 lb	2 832	436	179
750 to 999 lb	2 098	395	152
1,000 to 9,999 lb	23 410	7 053	2 718
10,000 to 49,999 lb	24 278	12 363	6 187
50,000 to 99,999 lb	320	265	129
100,000 lb or more	1 638	2 179	1 281

See footnotes at end of table.

Table 9. **Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Division: 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	**598**	**6 540**	**1 124**
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	59	36	4
10,000 to 49,999 lb	231	1 823	232
50,000 to 99,999 lb	130	2 934	268
100,000 lb or more	106	1 744	619
SCTG 26, Wood products	**15 812**	**28 936**	**5 601**
Less than 50 lb	178	16	5
50 to 99 lb	153	25	6
100 to 499 lb	1 121	221	41
500 to 749 lb	520	130	26
750 to 999 lb	368	116	23
1,000 to 9,999 lb	4 930	5 815	583
10,000 to 49,999 lb	7 176	14 221	3 234
50,000 to 99,999 lb	960	5 659	875
100,000 lb or more	408	2 734	808
SCTG 27, Pulp, newsprint, paper, and paperboard	**21 990**	**37 304**	**15 089**
Less than 50 lb	419	46	15
50 to 99 lb	225	44	10
100 to 499 lb	1 139	323	65
500 to 749 lb	476	198	43
750 to 999 lb	377	126	24
1,000 to 9,999 lb	3 878	2 508	642
10,000 to 49,999 lb	12 515	18 419	10 369
50,000 to 99,999 lb	544	1 380	989
100,000 lb or more	2 417	S	2 932
SCTG 28, Paper or paperboard articles	**20 413**	**13 653**	**4 185**
Less than 50 lb	1 285	86	31
50 to 99 lb	457	72	16
100 to 499 lb	1 481	395	68
500 to 749 lb	580	205	59
750 to 999 lb	381	165	30
1,000 to 9,999 lb	5 694	3 602	742
10,000 to 49,999 lb	10 392	8 851	3 169
50,000 to 99,999 lb	75	127	46
100,000 lb or more	69	149	S
SCTG 29, Printed products	**47 151**	**15 478**	**5 241**
Less than 50 lb	9 142	862	270
50 to 99 lb	2 843	375	88
100 to 499 lb	6 629	1 096	255
500 to 749 lb	1 736	388	98
750 to 999 lb	1 286	280	78
1,000 to 9,999 lb	12 576	6 313	2 240
10,000 to 49,999 lb	12 380	5 442	1 960
50,000 to 99,999 lb	219	157	34
100,000 lb or more	341	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**28 063**	**2 409**	**1 320**
Less than 50 lb	7 954	231	171
50 to 99 lb	1 730	79	41
100 to 499 lb	3 408	275	99
500 to 749 lb	888	110	30
750 to 999 lb	584	68	22
1,000 to 9,999 lb	7 417	796	334
10,000 to 49,999 lb	5 970	807	S
50,000 to 99,999 lb	S	9	8
100,000 lb or more	S	S	S
SCTG 31, Nonmetallic mineral products	**22 009**	**201 293**	**17 408**
Less than 50 lb	1 107	69	40
50 to 99 lb	304	40	18
100 to 499 lb	1 103	275	65
500 to 749 lb	317	157	25
750 to 999 lb	195	74	14
1,000 to 9,999 lb	3 668	7 478	662
10,000 to 49,999 lb	12 552	74 659	7 592
50,000 to 99,999 lb	1 615	29 139	2 368
100,000 lb or more	1 148	S	6 624
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**105 842**	**161 382**	**41 954**
Less than 50 lb	1 219	56	12
50 to 99 lb	757	75	15
100 to 499 lb	3 532	654	122
500 to 749 lb	1 454	422	83
750 to 999 lb	1 354	402	89
1,000 to 9,999 lb	17 280	10 788	2 302
10,000 to 49,999 lb	60 042	91 750	22 238
50,000 to 99,999 lb	8 540	25 073	2 703
100,000 lb or more	11 664	32 161	14 390

See footnotes at end of table.

Table 9. **Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Division: 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	**66 830**	**25 970**	**11 779**
Less than 50 lb	8 813	279	151
50 to 99 lb	3 694	213	97
100 to 499 lb	9 434	1 012	417
500 to 749 lb	3 185	443	137
750 to 999 lb	2 051	324	115
1,000 to 9,999 lb	18 486	6 544	2 325
10,000 to 49,999 lb	19 170	14 274	5 730
50,000 to 99,999 lb	827	890	453
100,000 lb or more	1 169	1 992	2 353
SCTG 34, Machinery	**137 220**	**20 645**	**10 063**
Less than 50 lb	16 054	309	121
50 to 99 lb	4 200	145	51
100 to 499 lb	14 448	914	375
500 to 749 lb	6 278	518	S
750 to 999 lb	2 641	220	109
1,000 to 9,999 lb	29 951	4 217	1 773
10,000 to 49,999 lb	54 174	11 817	5 601
50,000 to 99,999 lb	5 720	1 441	716
100,000 lb or more	3 755	1 064	820
SCTG 35, Electronic and other electrical equipment and components and office equipment	**114 786**	**8 885**	**5 303**
Less than 50 lb	24 708	345	147
50 to 99 lb	8 184	187	74
100 to 499 lb	19 417	803	336
500 to 749 lb	3 873	261	130
750 to 999 lb	3 253	159	75
1,000 to 9,999 lb	28 521	2 309	1 162
10,000 to 49,999 lb	26 098	4 611	3 186
50,000 to 99,999 lb	516	141	145
100,000 lb or more	215	68	47
SCTG 36, Motorized and other vehicles (including parts)	**258 172**	**53 326**	**22 525**
Less than 50 lb	7 999	421	135
50 to 99 lb	2 724	171	68
100 to 499 lb	11 506	728	263
500 to 749 lb	4 230	355	137
750 to 999 lb	3 445	300	107
1,000 to 9,999 lb	81 930	10 596	4 881
10,000 to 49,999 lb	103 270	29 136	10 764
50,000 to 99,999 lb	30 327	6 373	3 812
100,000 lb or more	12 740	5 245	2 358
SCTG 37, Transportation equipment, n.e.c.	**10 387**	**1 334**	**637**
Less than 50 lb	2 653	6	5
50 to 99 lb	704	3	2
100 to 499 lb	2 251	18	12
500 to 749 lb	156	7	3
750 to 999 lb	161	7	3
1,000 to 9,999 lb	1 592	145	75
10,000 to 49,999 lb	2 023	522	273
50,000 to 99,999 lb	S	S	S
100,000 lb or more	627	513	S
SCTG 38, Precision instruments and apparatus	**21 500**	**343**	**200**
Less than 50 lb	9 651	61	42
50 to 99 lb	1 775	20	12
100 to 499 lb	4 793	74	43
500 to 749 lb	888	17	8
750 to 999 lb	593	17	7
1,000 to 9,999 lb	3 025	100	50
10,000 to 49,999 lb	752	53	38
50,000 to 99,999 lb	–	–	–
100,000 lb or more	S	S	S
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**21 568**	**4 684**	**2 968**
Less than 50 lb	761	36	17
50 to 99 lb	461	47	22
100 to 499 lb	2 301	326	194
500 to 749 lb	1 012	152	84
750 to 999 lb	883	123	62
1,000 to 9,999 lb	7 927	1 413	844
10,000 to 49,999 lb	8 031	2 393	1 429
50,000 to 99,999 lb	119	S	S
100,000 lb or more	72	39	5
SCTG 40, Miscellaneous manufactured products	**79 031**	**17 049**	**8 378**
Less than 50 lb	15 639	404	256
50 to 99 lb	3 660	181	95
100 to 499 lb	10 169	961	495
500 to 749 lb	3 351	351	165
750 to 999 lb	2 546	284	121
1,000 to 9,999 lb	20 403	4 291	1 966
10,000 to 49,999 lb	21 865	8 507	3 677
50,000 to 99,999 lb	976	1 060	S
100,000 lb or more	421	S	S

See footnotes at end of table.

Table 9. **Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Division: 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	**10 216**	**50 628**	**8 009**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	S
100 to 499 lb	S	1	S
500 to 749 lb	S	S	S
750 to 999 lb	S	2	S
1,000 to 9,999 lb	366	419	34
10,000 to 49,999 lb	6 456	24 727	3 414
50,000 to 99,999 lb	1 211	9 419	867
100,000 lb or more	2 165	16 058	3 693
SCTG 43, Mixed freight	**29 360**	**14 234**	**1 915**
Less than 50 lb	1 425	110	S
50 to 99 lb	360	51	7
100 to 499 lb	1 603	395	37
500 to 749 lb	671	228	21
750 to 999 lb	441	165	17
1,000 to 9,999 lb	8 314	4 028	529
10,000 to 49,999 lb	16 418	9 142	1 209
50,000 to 99,999 lb	S	94	S
100,000 lb or more	S	S	S
Commodity unknown	**7 776**	**7 924**	**932**
Less than 50 lb	1 069	29	15
50 to 99 lb	204	9	4
100 to 499 lb	460	63	16
500 to 749 lb	361	33	8
750 to 999 lb	153	28	6
1,000 to 9,999 lb	1 584	748	126
10,000 to 49,999 lb	2 694	2 903	479
50,000 to 99,999 lb	279	1 369	51
100,000 lb or more	S	2 741	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.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Division: 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	**1 462 475**	**2 140 708**	**423 366**	**425**	**419 619**	**1 276 818**	**28 834**	**130 965**	**203 961**	**18 878**
Less than 50 lb	129 496	4 223	1 744	502	35 356	1 875	33	8 433	265	24
50 to 99 lb	40 650	2 605	773	293	13 758	1 397	27	3 144	211	19
100 to 499 lb	124 509	15 279	3 726	247	41 305	8 843	182	10 336	1 381	125
500 to 749 lb	41 765	7 568	2 011	264	13 686	4 281	91	3 609	752	69
750 to 999 lb	29 162	6 122	1 303	213	8 857	3 541	71	3 148	647	58
1,000 to 9,999 lb	346 918	133 894	30 572	232	102 977	74 292	1 510	31 782	12 994	1 174
10,000 to 49,999 lb	561 573	882 026	156 114	183	132 442	550 068	11 950	55 013	76 052	6 876
50,000 to 99,999 lb	98 306	402 172	31 969	78	43 615	294 083	7 491	10 527	55 793	4 990
100,000 lb or more	90 096	686 819	195 155	234	27 623	338 438	7 478	4 973	55 865	5 543
SCTG 01, Live animals and live fish	**1 742**	**1 702**	**381**	**444**	**175**	**211**	**7**	**287**	**277**	**28**
Less than 50 lb	S	S	S	649	S	S	S	S	S	S
50 to 99 lb	S	S	S	47	S	S	S	S	S	S
100 to 499 lb	S	S	S	49	S	S	S	S	S	S
500 to 749 lb	–	–	–	56	–	–	–	S	S	S
750 to 999 lb	–	–	–	41	S	–	–	S	S	S
1,000 to 9,999 lb	S	S	S	211	33	44	1	12	13	1
10,000 to 49,999 lb	1 133	1 139	267	216	100	136	5	184	183	18
50,000 to 99,999 lb	346	327	64	199	24	23	1	S	S	S
100,000 lb or more	54	42	9	227	S	S	S	S	S	S
SCTG 02, Cereal grains	**13 858**	**118 378**	**54 623**	**79**	**5 382**	**49 992**	**1 349**	**1 119**	**9 779**	**934**
Less than 50 lb	–	–	–	S	–	–	–	S	S	S
50 to 99 lb	S	2	–	S	S	2	–	S	S	S
100 to 499 lb	8	34	1	S	7	33	–	S	1	–
500 to 749 lb	S	21	1	S	4	18	–	S	S	S
750 to 999 lb	7	25	1	S	S	23	S	S	S	S
1,000 to 9,999 lb	148	811	47	56	109	711	9	6	24	2
10,000 to 49,999 lb	2 563	7 937	1 072	140	709	5 293	109	166	1 191	94
50,000 to 99,999 lb	4 609	43 697	1 886	43	3 741	36 449	1 009	650	5 848	555
100,000 lb or more	6 513	65 850	51 616	604	803	7 463	220	292	2 712	283
SCTG 03, Other agricultural products	**18 646**	**49 403**	**19 752**	**641**	**8 602**	**23 316**	**647**	**2 636**	**5 637**	**521**
Less than 50 lb	945	100	43	701	281	S	S	62	6	1
50 to 99 lb	166	S	2	S	115	S	S	9	2	–
100 to 499 lb	615	292	19	65	375	215	5	76	45	4
500 to 749 lb	262	209	14	66	132	130	3	91	63	6
750 to 999 lb	171	148	12	79	81	81	1	43	35	3
1,000 to 9,999 lb	2 726	3 525	402	104	1 354	1 934	45	500	S	65
10,000 to 49,999 lb	4 703	8 795	1 183	137	2 387	5 233	113	1 063	1 492	133
50,000 to 99,999 lb	3 698	14 507	718	48	2 827	11 459	346	622	2 440	216
100,000 lb or more	5 358	21 785	17 360	625	1 050	S	133	171	726	93
SCTG 04, Animal feed and products of animal origin, n.e.c.	**13 348**	**37 237**	**13 331**	**106**	**4 089**	**15 323**	**309**	**1 554**	**2 745**	**252**
Less than 50 lb	14	7	1	340	6	5	–	S	S	S
50 to 99 lb	29	22	1	28	19	21	–	S	1	–
100 to 499 lb	179	217	10	41	109	191	2	S	5	–
500 to 749 lb	149	197	10	46	78	167	2	S	7	1
750 to 999 lb	81	104	6	55	36	81	1	S	8	1
1,000 to 9,999 lb	1 892	4 468	282	58	1 052	3 690	56	S	189	18
10,000 to 49,999 lb	7 624	17 394	4 445	183	2 281	8 572	178	1 008	1 457	135
50,000 to 99,999 lb	1 149	5 256	1 157	225	478	2 321	63	148	726	59
100,000 lb or more	2 232	9 573	7 421	703	S	273	S	82	352	38
SCTG 05, Meat, fish, seafood, and their preparations	**25 637**	**10 210**	**4 193**	**156**	**7 404**	**2 939**	**64**	**3 080**	**1 391**	**127**
Less than 50 lb	175	25	4	297	102	18	–	16	2	–
50 to 99 lb	293	55	3	56	219	42	1	S	7	1
100 to 499 lb	1 649	479	29	56	1 202	358	7	292	77	7
500 to 749 lb	733	280	25	89	409	169	4	170	64	6
750 to 999 lb	577	217	25	114	317	129	3	89	40	4
1,000 to 9,999 lb	8 013	3 160	792	208	2 811	1 184	29	1 368	672	62
10,000 to 49,999 lb	13 568	5 649	3 201	521	1 993	823	19	1 085	523	47
50,000 to 99,999 lb	171	72	38	533	S	S	S	–	–	–
100,000 lb or more	459	273	S	350	300	200	S	S	S	S
SCTG 06, Milled grain products and preparations, and bakery products	**25 036**	**24 034**	**12 458**	**211**	**5 701**	**4 551**	**135**	**2 266**	**1 969**	**179**
Less than 50 lb	375	123	9	277	280	113	2	15	4	–
50 to 99 lb	263	108	3	32	231	99	2	20	5	1
100 to 499 lb	1 144	468	24	48	882	374	8	148	57	5
500 to 749 lb	521	208	18	84	363	136	3	83	34	3
750 to 999 lb	357	139	21	148	177	66	2	90	31	3
1,000 to 9,999 lb	4 818	2 467	728	255	1 366	692	18	852	463	42
10,000 to 49,999 lb	15 617	11 938	6 466	528	2 002	1 794	45	952	1 149	103
50,000 to 99,999 lb	554	1 861	317	171	S	S	S	43	119	11
100,000 lb or more	1 387	6 721	4 872	743	148	386	8	S	S	12

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Division: 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	**78 660**	**88 479**	**30 361**	**220**	**24 304**	**30 507**	**730**	**8 918**	**11 930**	**1 101**
Less than 50 lb	465	69	13	534	261	51	1	27	5	–
50 to 99 lb	475	131	9	70	333	103	2	59	17	1
100 to 499 lb	2 582	1 390	99	67	1 623	1 093	26	335	157	14
500 to 749 lb	1 231	855	72	83	745	646	15	156	103	9
750 to 999 lb	1 039	716	67	94	611	529	12	137	104	9
1,000 to 9,999 lb	14 958	11 278	1 772	144	6 474	6 932	162	1 917	1 599	146
10,000 to 49,999 lb	49 944	50 381	16 589	302	12 145	15 402	373	5 391	6 590	630
50,000 to 99,999 lb	3 270	9 624	1 335	136	1 339	3 977	115	790	2 835	240
100,000 lb or more	4 696	14 036	10 405	800	774	1 775	22	107	521	52
SCTG 08, Alcoholic beverages	**10 756**	**10 409**	**1 632**	**27**	**7 543**	**6 388**	**111**	**779**	**831**	**70**
Less than 50 lb	120	24	1	36	99	21	–	16	2	–
50 to 99 lb	215	62	2	27	183	56	1	25	4	–
100 to 499 lb	1 554	826	18	23	1 403	784	13	110	35	3
500 to 749 lb	665	464	9	20	620	451	8	35	11	1
750 to 999 lb	535	386	8	22	496	369	6	31	14	1
1,000 to 9,999 lb	3 831	3 411	80	22	3 607	3 275	59	123	90	7
10,000 to 49,999 lb	2 772	3 214	827	186	823	984	16	228	274	24
50,000 to 99,999 lb	533	1 219	173	144	125	262	3	S	S	S
100,000 lb or more	531	802	S	791	188	186	4	S	S	S
SCTG 09, Tobacco products	**5 094**	**254**	**54**	**100**	**2 719**	**135**	**4**	**775**	**45**	**4**
Less than 50 lb	572	15	1	67	398	11	–	103	3	–
50 to 99 lb	561	15	2	120	393	12	–	78	1	–
100 to 499 lb	2 123	73	12	148	1 208	42	1	385	12	1
500 to 749 lb	430	20	5	263	165	7	–	84	5	–
750 to 999 lb	270	18	2	118	145	8	S	36	4	–
1,000 to 9,999 lb	1 096	92	30	234	374	38	1	83	16	S
10,000 to 49,999 lb	S	S	S	53	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–	–
SCTG 10, Monumental or building stone	**273**	**2 556**	**152**	**73**	**S**	**2 249**	**33**	**S**	**34**	**3**
Less than 50 lb	1	–	S	201	1	S	S	S	S	S
50 to 99 lb	S	S	S	71	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S	S
500 to 749 lb	10	7	S	144	S	S	S	S	S	S
750 to 999 lb	S	S	S	141	S	S	S	S	S	S
1,000 to 9,999 lb	S	78	S	150	S	S	S	S	S	S
10,000 to 49,999 lb	93	S	99	S	S	S	S	2	23	2
50,000 to 99,999 lb	26	432	21	S	S	396	5	–	–	–
100,000 lb or more	S	S	S	S	S	S	S	–	–	–
SCTG 11, Natural sands	**876**	**90 960**	**6 073**	**53**	**603**	**77 861**	**1 975**	**76**	**5 347**	**492**
Less than 50 lb	S	S	S	522	S	S	S	–	–	–
50 to 99 lb	–	–	–	37	S	–	S	S	S	S
100 to 499 lb	S	5	–	S	S	5	–	S	S	S
500 to 749 lb	S	8	–	S	S	8	–	S	–	–
750 to 999 lb	S	2	–	S	S	2	S	S	S	S
1,000 to 9,999 lb	81	385	12	35	S	359	5	S	13	1
10,000 to 49,999 lb	399	40 537	2 265	52	298	36 741	S	22	1 448	123
50,000 to 99,999 lb	203	26 270	1 248	48	135	21 796	549	35	2 688	247
100,000 lb or more	167	23 752	2 548	140	86	S	S	9	1 197	120
SCTG 12, Gravel and crushed stone	**2 117**	**403 496**	**24 084**	**30**	**1 783**	**341 607**	**7 488**	**96**	**18 323**	**1 609**
Less than 50 lb	S	S	S	13	S	S	S	–	–	–
50 to 99 lb	S	S	S	17	S	S	S	S	S	S
100 to 499 lb	S	4	S	124	S	4	–	S	S	S
500 to 749 lb	S	4	–	40	S	3	–	S	S	S
750 to 999 lb	S	S	–	S	S	S	S	S	S	S
1,000 to 9,999 lb	S	1 919	32	16	S	1 882	22	S	S	S
10,000 to 49,999 lb	1 255	245 947	7 715	30	1 141	233 101	5 294	43	8 001	649
50,000 to 99,999 lb	332	58 037	1 782	31	296	53 070	1 160	20	3 704	322
100,000 lb or more	467	97 578	14 554	46	285	53 540	1 013	32	6 592	636
SCTG 13, Nonmetallic minerals n.e.c.	**1 505**	**56 699**	**5 642**	**97**	**627**	**40 070**	**810**	**234**	**4 378**	**382**
Less than 50 lb	16	1	S	630	7	1	–	S	S	S
50 to 99 lb	2	3	S	S	1	3	–	S	S	S
100 to 499 lb	38	20	1	S	S	19	–	S	1	–
500 to 749 lb	6	9	1	S	3	7	–	S	S	S
750 to 999 lb	S	S	S	107	S	3	–	–	–	–
1,000 to 9,999 lb	194	670	67	108	65	439	7	74	110	11
10,000 to 49,999 lb	824	33 015	1 595	S	393	28 833	499	94	1 194	105
50,000 to 99,999 lb	138	9 754	616	66	62	7 225	222	35	1 550	126
100,000 lb or more	281	13 220	3 361	156	67	3 541	81	21	1 523	140

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Division: 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	**1 182**	**15 530**	**3 334**	**362**	**477**	**10 101**	**522**	**S**	**49**	**4**
Less than 50 lb	S	S	S	433	2	–	–	S	S	S
50 to 99 lb	2	–	–	271	S	–	S	S	S	S
100 to 499 lb	14	1	–	295	5	1	–	S	–	–
500 to 749 lb	18	2	–	S	11	1	–	S	S	S
750 to 999 lb	4	1	–	220	S	S	S	S	S	S
1,000 to 9,999 lb	168	30	10	272	46	14	–	S	3	–
10,000 to 49,999 lb	388	338	117	348	99	66	1	S	36	3
50,000 to 99,999 lb	S	44	6	142	S	S	S	S	S	S
100,000 lb or more	552	15 114	3 200	237	295	10 002	520	–	–	–
SCTG 15, Coal	**3 614**	**140 018**	**26 075**	**74**	**2 007**	**73 125**	**2 574**	**441**	**18 942**	**2 073**
Less than 50 lb	–	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	44	S	S	S	–	–	–
500 to 749 lb	S	S	S	79	S	S	S	S	S	S
750 to 999 lb	S	S	S	4	S	S	S	–	–	–
1,000 to 9,999 lb	S	14	S	105	S	11	–	–	–	–
10,000 to 49,999 lb	265	9 753	538	55	194	7 673	236	38	1 180	107
50,000 to 99,999 lb	669	20 370	1 570	78	442	14 817	556	52	S	S
100,000 lb or more	2 645	109 875	23 966	179	1 346	50 620	1 782	348	15 400	1 734
SCTG 17, Gasoline and aviation turbine fuel	**41 370**	**159 152**	**9 085**	**37**	**31 228**	**117 404**	**2 368**	**4 199**	**14 903**	**1 273**
Less than 50 lb	S	4	–	S	S	4	–	S	S	S
50 to 99 lb	3	6	S	22	2	6	–	S	S	S
100 to 499 lb	28	65	1	12	28	64	1	S	S	S
500 to 749 lb	25	52	1	17	24	51	1	S	S	S
750 to 999 lb	32	85	1	16	32	84	1	S	S	S
1,000 to 9,999 lb	1 844	3 430	130	31	1 635	3 004	71	152	233	20
10,000 to 49,999 lb	5 958	22 779	1 250	53	4 523	16 737	383	760	3 174	268
50,000 to 99,999 lb	21 855	79 454	3 583	46	18 113	64 468	1 618	2 243	9 150	779
100,000 lb or more	11 622	53 278	4 118	37	6 868	32 986	294	S	2 345	206
SCTG 18, Fuel oils	**14 884**	**73 389**	**3 191**	**24**	**11 785**	**57 099**	**951**	**1 635**	**8 231**	**696**
Less than 50 lb	1	1	–	S	1	1	–	S	S	S
50 to 99 lb	2	6	–	13	2	6	–	S	S	S
100 to 499 lb	64	151	3	18	62	146	2	2	S	–
500 to 749 lb	51	168	2	14	51	167	2	–	–	–
750 to 999 lb	93	313	4	13	92	311	4	S	S	S
1,000 to 9,999 lb	1 911	5 812	117	17	1 784	5 533	81	93	149	12
10,000 to 49,999 lb	2 536	10 507	533	43	2 076	8 175	170	268	1 252	122
50,000 to 99,999 lb	4 838	24 299	1 486	63	3 480	17 133	400	799	4 267	361
100,000 lb or more	5 388	32 131	1 046	31	4 238	25 626	291	472	2 555	200
SCTG 19, Coal and petroleum products, n.e.c.	**12 420**	**77 688**	**9 112**	**86**	**6 577**	**56 433**	**919**	**1 026**	**4 753**	**431**
Less than 50 lb	76	16	2	149	51	13	–	5	1	–
50 to 99 lb	37	15	2	107	23	11	–	3	1	S
100 to 499 lb	446	241	15	56	365	214	4	24	11	1
500 to 749 lb	126	140	7	50	85	121	2	S	S	S
750 to 999 lb	192	260	15	57	132	223	4	S	S	S
1,000 to 9,999 lb	2 319	3 401	320	70	1 322	2 619	51	190	158	14
10,000 to 49,999 lb	4 241	29 745	2 628	84	1 943	22 043	345	519	2 157	196
50,000 to 99,999 lb	1 331	12 831	976	78	687	9 454	S	169	1 150	106
100,000 lb or more	3 653	31 041	5 148	360	1 969	21 737	244	78	1 244	110
SCTG 20, Basic chemicals	**14 795**	**30 463**	**7 283**	**151**	**4 816**	**14 532**	**253**	**1 119**	**2 923**	**284**
Less than 50 lb	806	29	6	326	262	19	–	90	2	–
50 to 99 lb	195	52	6	S	74	44	1	6	1	–
100 to 499 lb	1 079	756	39	S	607	696	S	70	17	2
500 to 749 lb	353	221	34	156	128	173	4	33	11	1
750 to 999 lb	352	167	11	S	82	144	3	10	5	–
1,000 to 9,999 lb	3 008	2 663	293	100	1 172	1 846	42	276	265	25
10,000 to 49,999 lb	6 654	14 141	2 847	203	1 933	6 056	155	515	2 188	208
50,000 to 99,999 lb	583	2 399	363	145	202	1 335	21	68	303	29
100,000 lb or more	1 766	10 035	3 684	470	S	S	13	S	S	S
SCTG 21, Pharmaceutical products	**34 612**	**1 060**	**473**	**528**	**6 607**	**317**	**7**	**3 462**	**108**	**11**
Less than 50 lb	8 739	88	34	546	1 649	26	1	944	11	1
50 to 99 lb	2 743	40	11	281	652	14	–	352	7	1
100 to 499 lb	6 790	122	36	294	1 295	40	1	670	20	2
500 to 749 lb	2 521	37	17	455	88	6	–	S	5	–
750 to 999 lb	1 445	26	10	402	96	7	–	S	2	–
1,000 to 9,999 lb	8 490	342	175	453	1 353	75	2	749	43	4
10,000 to 49,999 lb	3 865	362	175	498	1 465	148	2	S	13	1
50,000 to 99,999 lb	S	S	S	71	S	S	S	S	S	S
100,000 lb or more	S	S	S	381	–	–	–	–	–	–

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Division: 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	**5 525**	**29 049**	**S**	**143**	**3 393**	**17 774**	**361**	**S**	**S**	**S**
Less than 50 lb	S	S	S	896	S	–	S	S	S	S
50 to 99 lb	S	2	S	280	S	2	–	S	–	–
100 to 499 lb	21	25	1	S	12	21	–	S	S	S
500 to 749 lb	12	16	1	S	8	S	S	1	1	–
750 to 999 lb	13	25	1	S	9	22	–	S	S	S
1,000 to 9,999 lb	894	3 273	61	21	813	3 152	36	35	76	8
10,000 to 49,999 lb	2 502	12 928	S	77	1 594	8 446	187	S	S	S
50,000 to 99,999 lb	S	S	S	56	S	S	S	S	S	S
100,000 lb or more	S	S	S	298	297	2 010	S	S	S	S
SCTG 23, Chemical products and preparations, n.e.c.	**48 650**	**24 374**	**12 437**	**288**	**10 500**	**5 505**	**128**	**2 950**	**1 752**	**167**
Less than 50 lb	2 367	115	32	273	842	49	1	278	11	1
50 to 99 lb	1 113	102	28	269	477	51	1	141	12	1
100 to 499 lb	3 450	516	145	278	1 429	238	5	377	52	5
500 to 749 lb	1 817	232	60	258	S	104	2	112	23	2
750 to 999 lb	1 158	212	60	279	S	94	3	66	25	2
1,000 to 9,999 lb	9 188	3 276	1 177	346	2 264	1 056	24	608	256	24
10,000 to 49,999 lb	28 137	17 672	9 551	523	3 636	3 516	83	1 334	1 285	123
50,000 to 99,999 lb	333	508	154	280	73	85	3	33	81	8
100,000 lb or more	1 087	1 740	1 230	734	132	311	S	S	S	S
SCTG 24, Plastics and rubber	**69 151**	**24 151**	**11 210**	**523**	**16 346**	**5 585**	**149**	**5 570**	**2 038**	**189**
Less than 50 lb	4 652	233	121	595	1 424	70	1	286	14	1
50 to 99 lb	2 101	202	78	373	694	78	2	153	16	1
100 to 499 lb	7 823	1 024	367	339	2 724	413	9	695	96	9
500 to 749 lb	2 832	436	179	407	782	140	3	205	34	3
750 to 999 lb	2 098	395	152	379	578	123	3	197	41	4
1,000 to 9,999 lb	23 410	7 053	2 718	391	5 302	1 895	55	2 329	715	64
10,000 to 49,999 lb	24 278	12 363	6 187	452	4 492	2 454	65	1 644	1 048	97
50,000 to 99,999 lb	320	265	129	498	S	30	1	13	14	1
100,000 lb or more	1 638	2 179	1 281	588	297	383	10	47	60	9
SCTG 25, Logs and other wood in the rough	**598**	**6 540**	**1 124**	**442**	**227**	**2 699**	**64**	**131**	**2 549**	**244**
Less than 50 lb	S	S	S	669	S	S	S	S	S	S
50 to 99 lb	S	S	S	128	S	S	S	S	S	S
100 to 499 lb	S	S	S	145	S	S	S	S	S	S
500 to 749 lb	S	S	S	164	S	S	S	S	S	S
750 to 999 lb	S	S	S	88	S	S	S	S	S	S
1,000 to 9,999 lb	59	36	4	S	S	20	1	S	7	1
10,000 to 49,999 lb	231	1 823	232	130	84	1 112	28	S	S	S
50,000 to 99,999 lb	130	2 934	268	88	35	973	23	61	S	158
100,000 lb or more	106	1 744	619	S	11	593	13	18	S	S
SCTG 26, Wood products	**15 812**	**28 936**	**5 601**	**220**	**6 126**	**13 329**	**382**	**2 132**	**5 856**	**519**
Less than 50 lb	178	16	5	403	73	7	–	20	2	–
50 to 99 lb	153	25	6	246	62	11	–	28	5	–
100 to 499 lb	1 121	221	41	187	591	130	3	167	33	3
500 to 749 lb	520	130	26	189	287	84	2	52	14	1
750 to 999 lb	368	116	23	194	188	69	2	41	15	1
1,000 to 9,999 lb	4 930	5 815	583	121	2 311	S	S	708	577	51
10,000 to 49,999 lb	7 176	14 221	3 234	203	2 196	5 357	149	903	3 255	277
50,000 to 99,999 lb	960	5 659	875	152	309	1 954	61	185	1 544	142
100,000 lb or more	408	2 734	808	321	110	1 278	S	29	411	42
SCTG 27, Pulp, newsprint, paper, and paperboard	**21 990**	**37 304**	**15 089**	**271**	**4 719**	**5 232**	**111**	**1 993**	**S**	**S**
Less than 50 lb	419	46	15	286	174	23	–	24	4	–
50 to 99 lb	225	44	10	218	107	26	1	17	4	–
100 to 499 lb	1 139	323	65	189	632	207	4	97	32	3
500 to 749 lb	476	198	43	211	243	126	2	46	18	2
750 to 999 lb	377	126	24	190	205	82	2	S	10	1
1,000 to 9,999 lb	3 878	2 508	642	238	1 561	1 220	25	332	268	27
10,000 to 49,999 lb	12 515	18 419	10 369	529	1 265	2 217	62	1 157	1 552	148
50,000 to 99,999 lb	544	1 380	989	661	116	294	3	S	S	S
100,000 lb or more	2 417	S	2 932	S	416	1 038	11	256	S	S
SCTG 28, Paper or paperboard articles	**20 413**	**13 653**	**4 185**	**331**	**6 787**	**5 675**	**152**	**2 126**	**1 744**	**158**
Less than 50 lb	1 285	86	31	417	448	43	1	95	7	1
50 to 99 lb	457	72	16	228	207	44	1	54	7	1
100 to 499 lb	1 481	395	68	171	758	251	6	222	52	5
500 to 749 lb	580	205	59	291	254	115	3	46	21	2
750 to 999 lb	381	165	30	180	203	106	2	45	18	2
1,000 to 9,999 lb	5 694	3 602	742	218	2 549	2 006	49	634	484	43
10,000 to 49,999 lb	10 392	8 851	3 169	315	2 259	2 976	86	1 028	1 152	106
50,000 to 99,999 lb	75	127	46	371	51	43	1	S	S	S
100,000 lb or more	69	149	S	228	58	91	3	–	–	–

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Division: 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	**47 151**	**15 478**	**5 241**	**381**	**15 391**	**7 474**	**134**	**2 924**	**1 065**	**97**
Less than 50 lb	9 142	862	270	399	2 309	519	9	397	44	4
50 to 99 lb	2 843	375	88	228	919	247	4	181	29	3
100 to 499 lb	6 629	1 096	255	229	2 346	714	13	436	85	7
500 to 749 lb	1 736	388	98	246	972	238	S	94	21	2
750 to 999 lb	1 286	280	78	283	475	176	3	51	15	1
1,000 to 9,999 lb	12 576	6 313	2 240	390	5 085	3 211	59	756	280	24
10,000 to 49,999 lb	12 380	5 442	1 960	315	3 063	2 046	38	964	526	51
50,000 to 99,999 lb	219	157	34	211	S	77	1	S	21	2
100,000 lb or more	341	S	S	389	152	S	S	S	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**28 063**	**2 409**	**1 320**	**713**	**4 299**	**457**	**11**	**1 550**	**162**	**16**
Less than 50 lb	7 954	231	171	735	777	28	1	319	10	1
50 to 99 lb	1 730	79	41	508	249	16	–	77	6	1
100 to 499 lb	3 408	275	99	366	851	100	2	218	25	2
500 to 749 lb	888	110	30	258	288	45	1	132	20	2
750 to 999 lb	584	68	22	325	189	24	–	29	7	1
1,000 to 9,999 lb	7 417	796	334	408	1 458	195	5	647	75	7
10,000 to 49,999 lb	5 970	807	S	646	482	48	1	128	20	2
50,000 to 99,999 lb	S	9	8	931	S	S	S	–	–	–
100,000 lb or more	S	S	S	376	–	–	–	–	–	–
SCTG 31, Nonmetallic mineral products	**22 009**	**201 293**	**17 408**	**388**	**7 200**	**S**	**S**	**2 128**	**11 787**	**1 108**
Less than 50 lb	1 107	69	40	655	272	19	–	43	4	–
50 to 99 lb	304	40	18	427	79	16	–	11	2	–
100 to 499 lb	1 103	275	65	264	439	175	3	106	22	2
500 to 749 lb	317	157	25	163	119	112	S	17	7	1
750 to 999 lb	195	74	14	190	74	48	1	12	5	1
1,000 to 9,999 lb	3 668	7 478	662	115	1 415	6 322	87	247	294	26
10,000 to 49,999 lb	12 552	74 659	7 592	93	3 696	56 288	833	1 188	4 808	444
50,000 to 99,999 lb	1 615	29 139	2 368	80	627	S	444	447	5 715	536
100,000 lb or more	1 148	S	6 624	S	S	S	S	59	931	98
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**105 842**	**161 382**	**41 954**	**221**	**29 034**	**56 634**	**1 166**	**12 232**	**21 562**	**2 000**
Less than 50 lb	1 219	56	12	253	528	33	1	140	7	1
50 to 99 lb	757	75	15	199	344	47	1	82	10	1
100 to 499 lb	3 532	654	122	188	1 674	383	8	349	78	7
500 to 749 lb	1 454	422	83	197	602	234	5	146	50	4
750 to 999 lb	1 354	402	89	222	445	212	4	125	56	5
1,000 to 9,999 lb	17 280	10 788	2 302	210	5 859	5 032	116	1 991	1 294	116
10,000 to 49,999 lb	60 042	91 750	22 238	241	14 881	31 617	681	6 754	10 565	983
50,000 to 99,999 lb	8 540	25 073	2 703	114	3 267	13 458	232	1 815	4 688	414
100,000 lb or more	11 664	32 161	14 390	403	1 433	5 617	117	830	4 816	469
SCTG 33, Articles of base metal	**66 830**	**25 970**	**11 779**	**470**	**16 338**	**6 560**	**167**	**5 784**	**2 498**	**231**
Less than 50 lb	8 813	279	151	492	3 065	100	2	548	15	1
50 to 99 lb	3 694	213	97	449	809	69	1	148	12	1
100 to 499 lb	9 434	1 012	417	453	2 292	356	8	580	83	8
500 to 749 lb	3 185	443	137	304	1 064	197	5	218	41	4
750 to 999 lb	2 051	324	115	361	561	124	3	165	31	3
1,000 to 9,999 lb	18 486	6 544	2 325	354	5 035	2 333	57	1 938	675	62
10,000 to 49,999 lb	19 170	14 274	5 730	372	3 163	2 953	78	2 160	1 577	146
50,000 to 99,999 lb	827	890	453	472	262	248	8	S	S	5
100,000 lb or more	1 169	1 992	2 353	1 175	87	180	6	S	S	S
SCTG 34, Machinery	**137 220**	**20 645**	**10 063**	**401**	**33 877**	**5 340**	**131**	**11 256**	**1 909**	**193**
Less than 50 lb	16 054	309	121	386	5 349	118	2	1 358	27	2
50 to 99 lb	4 200	145	51	345	1 589	68	1	421	13	1
100 to 499 lb	14 448	914	375	400	3 966	326	7	1 196	94	8
500 to 749 lb	6 278	518	S	951	1 376	112	2	478	32	3
750 to 999 lb	2 641	220	109	497	492	65	1	242	18	2
1,000 to 9,999 lb	29 951	4 217	1 773	450	7 075	1 439	30	2 957	375	34
10,000 to 49,999 lb	54 174	11 817	5 601	495	12 345	2 650	72	3 931	955	106
50,000 to 99,999 lb	5 720	1 441	716	475	1 480	451	13	S	S	S
100,000 lb or more	3 755	1 064	820	740	206	112	S	S	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**114 786**	**8 885**	**5 303**	**435**	**29 130**	**2 049**	**44**	**6 672**	**687**	**66**
Less than 50 lb	24 708	345	147	440	7 334	155	3	1 366	20	2
50 to 99 lb	8 184	187	74	387	3 581	95	2	534	11	1
100 to 499 lb	19 417	803	336	392	6 238	367	8	1 001	45	4
500 to 749 lb	3 873	261	130	495	963	88	2	207	20	2
750 to 999 lb	3 253	159	75	470	790	47	1	138	S	1
1,000 to 9,999 lb	28 521	2 309	1 162	470	6 315	674	14	1 330	139	12
10,000 to 49,999 lb	26 098	4 611	3 186	651	3 742	569	13	2 085	435	43
50,000 to 99,999 lb	516	141	145	951	150	52	S	–	–	–
100,000 lb or more	215	68	47	1 019	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 Division: 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)	**258 172**	**53 326**	**22 525**	**296**	**57 246**	**14 908**	**331**	**20 017**	**4 592**	**435**
Less than 50 lb	7 999	421	135	273	3 321	217	3	532	23	2
50 to 99 lb	2 724	171	68	389	712	61	1	221	13	1
100 to 499 lb	11 506	728	263	336	2 786	249	6	1 199	71	6
500 to 749 lb	4 230	355	137	381	801	94	3	536	41	4
750 to 999 lb	3 445	300	107	358	524	65	2	650	40	4
1,000 to 9,999 lb	81 930	10 596	4 881	455	20 527	2 950	59	6 031	1 029	94
10,000 to 49,999 lb	103 270	29 136	10 764	358	22 224	9 126	212	9 746	2 895	273
50,000 to 99,999 lb	30 327	6 373	3 812	630	2 895	1 127	32	961	436	47
100,000 lb or more	12 740	5 245	2 358	430	S	1 019	S	S	43	S
SCTG 37, Transportation equipment, n.e.c.	**10 387**	**1 334**	**637**	**734**	**1 107**	**290**	**16**	**561**	**41**	**4**
Less than 50 lb	2 653	6	5	788	153	–	–	90	–	–
50 to 99 lb	704	3	2	613	17	–	S	S	S	S
100 to 499 lb	2 251	18	12	678	264	3	–	S	1	–
500 to 749 lb	156	7	3	483	S	S	S	S	S	S
750 to 999 lb	161	7	3	496	S	2	–	S	S	S
1,000 to 9,999 lb	1 592	145	75	509	107	20	1	100	10	1
10,000 to 49,999 lb	2 023	522	273	542	136	41	1	39	S	S
50,000 to 99,999 lb	S	S	S	249	S	S	S	–	–	–
100,000 lb or more	627	513	S	463	250	154	13	S	S	S
SCTG 38, Precision instruments and apparatus	**21 500**	**343**	**200**	**637**	**3 625**	**68**	**2**	**1 521**	**39**	**4**
Less than 50 lb	9 651	61	42	640	1 186	10	–	575	4	–
50 to 99 lb	1 775	20	12	620	388	4	–	80	2	–
100 to 499 lb	4 793	74	43	590	1 101	16	–	284	6	1
500 to 749 lb	888	17	8	446	210	4	–	S	3	–
750 to 999 lb	593	17	7	432	112	3	–	54	S	–
1,000 to 9,999 lb	3 025	100	50	525	599	S	S	293	S	1
10,000 to 49,999 lb	752	53	38	718	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	S	S	S	249	–	–	–	–	–	–
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**21 568**	**4 684**	**2 968**	**492**	**5 649**	**1 213**	**33**	**786**	**208**	**20**
Less than 50 lb	761	36	17	407	307	14	–	23	2	–
50 to 99 lb	461	47	22	479	168	18	–	18	1	–
100 to 499 lb	2 301	326	194	590	653	97	2	110	17	1
500 to 749 lb	1 012	152	84	552	263	41	1	47	7	1
750 to 999 lb	883	123	62	504	197	30	1	46	8	1
1,000 to 9,999 lb	7 927	1 413	844	603	1 675	292	7	415	85	9
10,000 to 49,999 lb	8 031	2 393	1 429	531	2 288	680	22	123	83	8
50,000 to 99,999 lb	119	S	S	2 008	S	S	S	S	S	S
100,000 lb or more	72	39	5	208	S	S	S	S	S	S
SCTG 40, Miscellaneous manufactured products	**79 031**	**17 049**	**8 378**	**691**	**16 420**	**4 031**	**105**	**7 371**	**1 938**	**195**
Less than 50 lb	15 639	404	256	726	3 321	88	2	908	24	2
50 to 99 lb	3 660	181	95	522	819	46	1	237	13	1
100 to 499 lb	10 169	961	495	523	2 101	225	5	616	61	6
500 to 749 lb	3 351	351	165	464	879	117	3	171	29	3
750 to 999 lb	2 546	284	121	422	579	74	2	183	29	3
1,000 to 9,999 lb	20 403	4 291	1 966	464	4 177	1 178	30	1 855	502	48
10,000 to 49,999 lb	21 865	8 507	3 677	417	4 236	1 727	44	3 255	1 153	120
50,000 to 99,999 lb	976	1 060	S	333	141	413	12	115	106	10
100,000 lb or more	421	S	S	748	169	S	S	S	S	S
SCTG 41, Waste and scrap	**10 216**	**50 628**	**8 009**	**139**	**3 920**	**24 693**	**726**	**1 593**	**10 150**	**1 012**
Less than 50 lb	S	S	S	852	S	S	S	S	S	S
50 to 99 lb	S	S	S	155	S	S	S	–	–	–
100 to 499 lb	S	1	S	150	S	1	–	S	S	S
500 to 749 lb	S	S	S	227	S	S	S	S	S	S
750 to 999 lb	S	2	S	231	S	S	S	S	S	S
1,000 to 9,999 lb	366	419	34	102	180	342	8	29	S	S
10,000 to 49,999 lb	6 456	24 727	3 414	131	2 235	11 381	338	998	5 983	517
50,000 to 99,999 lb	1 211	9 419	867	89	605	5 564	129	360	2 536	243
100,000 lb or more	2 165	16 058	3 693	232	898	7 403	252	206	1 593	249
SCTG 43, Mixed freight	**29 360**	**14 234**	**1 915**	**395**	**13 021**	**6 389**	**190**	**6 301**	**3 683**	**330**
Less than 50 lb	1 425	110	S	523	652	52	1	73	9	1
50 to 99 lb	360	51	7	155	233	33	1	31	6	1
100 to 499 lb	1 603	395	37	87	953	236	6	253	76	7
500 to 749 lb	671	228	21	93	358	129	3	125	42	4
750 to 999 lb	441	165	17	S	211	82	2	109	43	4
1,000 to 9,999 lb	8 314	4 028	529	120	3 502	1 720	52	1 536	841	77
10,000 to 49,999 lb	16 418	9 142	1 209	123	7 004	4 062	123	4 174	2 666	236
50,000 to 99,999 lb	S	94	S	46	S	S	2	–	–	–
100,000 lb or more	S	S	S	2 236	–	–	–	–	–	–

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Division: 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	**7 776**	**7 924**	**932**	**481**	**2 671**	**5 382**	**89**	**888**	**1 064**	**93**
Less than 50 lb	1 069	29	15	571	350	12	–	S	2	–
50 to 99 lb	204	9	4	432	44	4	–	S	–	–
100 to 499 lb	460	63	16	253	211	33	1	30	5	–
500 to 749 lb	361	33	8	253	S	19	–	9	2	–
750 to 999 lb	153	28	6	204	S	S	S	S	S	S
1,000 to 9,999 lb	1 584	748	126	201	428	S	9	317	63	6
10,000 to 49,999 lb	2 694	2 903	479	158	801	1 770	32	281	325	29
50,000 to 99,999 lb	279	1 369	51	37	248	1 233	28	S	S	S
100,000 lb or more	S	2 741	S	168	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 Division: 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	**261 600**	**273 376**	**58 000**	**249 747**	**185 370**	**90 223**	**173 243**	**110 327**	**95 730**	**86 859**	**52 161**	**59 144**
Less than 50 lb	17 432	454	97	20 497	532	243	18 364	414	317	11 783	309	314
50 to 99 lb	5 310	256	53	6 303	275	121	5 170	215	162	2 760	99	101
100 to 499 lb	18 774	1 585	325	18 725	1 360	597	14 418	913	689	8 442	491	509
500 to 749 lb	5 939	796	161	6 480	701	320	4 169	361	272	3 379	227	235
750 to 999 lb	5 148	762	153	4 676	480	213	3 085	292	218	1 633	191	196
1,000 to 9,999 lb	63 617	18 005	3 659	61 750	12 656	5 677	36 398	7 094	5 345	18 654	3 570	3 716
10,000 to 49,999 lb	116 228	109 104	22 386	106 070	72 905	32 240	69 568	36 843	27 395	29 703	17 160	17 577
50,000 to 99,999 lb	11 632	35 975	6 932	11 116	9 240	4 128	7 777	3 351	2 637	4 161	1 541	1 708
100,000 lb or more	17 521	106 440	24 234	14 130	87 222	46 683	14 294	60 844	58 696	6 343	28 574	34 787
SCTG 01, Live animals and live fish	**970**	**925**	**S**	**293**	**280**	**123**	**15**	**9**	**6**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	–	–	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–	–	–	–	–	–
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	6	5	2	S	S	S	S	S	S
10,000 to 49,999 lb	590	566	S	S	S	S	7	6	4	–	–	–
50,000 to 99,999 lb	213	208	44	29	23	10	4	3	2	–	–	–
100,000 lb or more	28	S	S	S	S	S	–	–	–	–	–	–
SCTG 02, Cereal grains	**1 098**	**4 995**	**997**	**1 937**	**16 678**	**10 630**	**2 698**	**24 988**	**25 362**	**1 335**	**11 479**	**14 595**
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	1	–	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	–	–	–	–	–	–
1,000 to 9,999 lb	8	33	7	8	S	S	S	4	3	S	S	S
10,000 to 49,999 lb	S	696	142	182	216	97	S	330	248	S	80	88
50,000 to 99,999 lb	149	S	S	13	121	50	S	45	34	S	S	S
100,000 lb or more	332	3 063	646	1 734	16 306	10 468	2 116	24 609	25 078	1 190	11 365	14 469
SCTG 03, Other agricultural products	**1 755**	**3 020**	**566**	**1 363**	**3 363**	**2 275**	**2 811**	**10 005**	**10 481**	**1 005**	**3 771**	**4 705**
Less than 50 lb	81	8	2	S	S	S	S	S	S	S	S	3
50 to 99 lb	S	2	–	7	1	–	S	S	S	S	S	S
100 to 499 lb	89	25	5	10	3	2	4	S	S	9	S	1
500 to 749 lb	29	12	2	S	S	S	S	–	S	S	–	–
750 to 999 lb	38	29	5	2	1	–	S	S	S	S	S	S
1,000 to 9,999 lb	555	537	98	127	106	44	44	43	32	40	S	S
10,000 to 49,999 lb	618	1 095	214	269	S	S	176	208	155	112	123	119
50,000 to 99,999 lb	150	576	96	–	–	–	S	S	S	–	–	–
100,000 lb or more	S	S	144	662	2 686	1 982	2 473	9 735	10 279	798	3 613	4 548
SCTG 04, Animal feed and products of animal origin, n.e.c.	**1 930**	**4 226**	**828**	**2 816**	**6 985**	**3 907**	**1 808**	**6 122**	**5 393**	**564**	**1 072**	**1 107**
Less than 50 lb	1	–	–	2	1	–	S	–	–	S	S	S
50 to 99 lb	–	–	–	S	S	–	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	1	S	S	S	S	S	S
1,000 to 9,999 lb	266	315	64	248	S	S	42	45	32	S	S	S
10,000 to 49,999 lb	1 168	2 080	413	1 599	2 522	1 111	780	1 724	1 261	451	655	653
50,000 to 99,999 lb	194	774	148	234	968	475	64	376	295	18	S	S
100,000 lb or more	221	1 016	193	703	3 257	2 212	911	3 975	3 802	52	353	390
SCTG 05, Meat, fish, seafood, and their preparations	**4 703**	**2 056**	**414**	**3 242**	**1 402**	**633**	**2 430**	**929**	**722**	**1 902**	**610**	**618**
Less than 50 lb	S	2	–	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	5	1	S	S	S	S	S	S	S	S	S
100 to 499 lb	106	35	6	21	4	2	6	1	1	7	1	1
500 to 749 lb	100	35	6	25	6	3	12	3	2	5	1	1
750 to 999 lb	112	37	6	13	3	1	18	3	2	9	1	1
1,000 to 9,999 lb	1 628	676	132	685	226	95	606	167	128	379	97	100
10,000 to 49,999 lb	2 625	1 236	254	2 405	1 114	508	1 776	750	585	1 493	509	513
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 06, Milled grain products and preparations, and bakery products	**4 276**	**5 115**	**1 126**	**4 506**	**4 211**	**2 035**	**4 297**	**4 558**	**3 728**	**1 739**	**1 933**	**2 062**
Less than 50 lb	10	1	–	S	S	S	S	–	–	S	S	S
50 to 99 lb	8	S	–	S	–	–	S	S	S	S	S	–
100 to 499 lb	89	31	5	14	3	1	6	2	1	3	1	1
500 to 749 lb	51	27	5	14	7	3	5	2	2	3	1	1
750 to 999 lb	62	29	5	16	6	3	4	2	1	S	S	S
1,000 to 9,999 lb	1 009	594	114	710	321	137	467	211	157	189	98	102
10,000 to 49,999 lb	2 666	2 428	510	3 459	2 534	1 178	3 315	2 063	1 547	1 356	860	898
50,000 to 99,999 lb	S	S	S	S	44	19	S	S	S	S	S	S
100,000 lb or more	214	1 304	367	246	1 294	693	448	2 220	1 981	S	958	1 044

See footnotes at end of table.

Table 10. Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Division: 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	**14 858**	**16 750**	**3 336**	**11 120**	**12 778**	**6 506**	**9 139**	**8 404**	**6 785**	**4 763**	**4 395**	**4 772**
Less than 50 lb	29	4	1	21	2	1	23	2	1	56	4	4
50 to 99 lb	32	7	1	S	1	–	16	1	1	S	S	S
100 to 499 lb	270	93	16	118	21	9	97	7	5	50	S	S
500 to 749 lb	144	68	11	54	14	6	40	7	5	S	S	S
750 to 999 lb	100	40	8	81	12	5	43	S	S	34	S	S
1,000 to 9,999 lb	2 437	1 331	261	1 484	602	262	907	290	222	787	224	230
10,000 to 49,999 lb	10 679	11 973	2 393	8 072	7 366	3 299	6 662	4 677	3 455	3 178	2 122	2 188
50,000 to 99,999 lb	804	2 127	388	138	328	131	108	185	144	37	42	45
100,000 lb or more	364	1 108	257	1 137	4 432	2 793	1 242	3 223	2 942	566	1 971	2 270
SCTG 08, Alcoholic beverages	**1 242**	**1 878**	**365**	**544**	**756**	**323**	**262**	**179**	**153**	**123**	**101**	**105**
Less than 50 lb	5	1	–	S	S	S	S	S	S	S	S	S
50 to 99 lb	8	1	–	–	–	–	S	S	S	–	–	–
100 to 499 lb	34	7	1	S	S	S	S	S	S	S	S	S
500 to 749 lb	8	2	–	–	–	–	S	S	S	–	–	–
750 to 999 lb	5	2	–	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	61	35	6	8	4	2	S	4	3	S	S	S
10,000 to 49,999 lb	919	1 320	266	291	322	144	204	114	89	119	100	104
50,000 to 99,999 lb	202	509	91	89	153	53	–	–	–	–	–	–
100,000 lb or more	–	–	–	S	S	S	S	S	S	–	–	–
SCTG 09, Tobacco products	**739**	**47**	**9**	**433**	**12**	**5**	**94**	**3**	**2**	**S**	**S**	**S**
Less than 50 lb	49	1	–	S	–	–	4	–	–	4	–	–
50 to 99 lb	56	1	–	9	–	–	S	–	–	S	S	S
100 to 499 lb	323	12	2	57	1	1	39	1	1	S	–	–
500 to 749 lb	58	5	1	S	S	S	S	1	1	S	S	S
750 to 999 lb	S	S	S	–	–	–	S	S	S	–	–	–
1,000 to 9,999 lb	189	S	S	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	**43**	**137**	**31**	**19**	**60**	**24**	**29**	**57**	**41**	**6**	**15**	**15**
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	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	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	16	83	18	10	46	17	13	39	29	4	14	14
50,000 to 99,999 lb	3	16	4	S	S	S	5	12	9	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–	–	–	–
SCTG 11, Natural sands	**97**	**4 695**	**1 110**	**37**	**1 005**	**403**	**34**	**615**	**499**	**14**	**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	–	–	–	–	–	–
500 to 749 lb	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	7	7	2	S	3	1	S	S	S	–	2	2
10,000 to 49,999 lb	38	994	203	18	343	145	12	78	56	7	S	S
50,000 to 99,999 lb	22	1 293	268	10	472	165	S	S	S	1	8	8
100,000 lb or more	29	2 399	638	6	187	92	21	524	433	6	140	164
SCTG 12, Gravel and crushed stone	**132**	**22 721**	**4 679**	**87**	**18 505**	**8 314**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	–	–	–	–	–	–
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	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	3 393	666	S	498	224	S	149	107	S	S	S
50,000 to 99,999 lb	14	1 136	210	S	S	S	S	S	S	S	S	S
100,000 lb or more	69	18 187	3 802	72	17 938	8 061	S	S	S	S	S	S
SCTG 13, Nonmetallic minerals n.e.c.	**336**	**6 657**	**1 427**	**187**	**4 944**	**2 404**	**70**	**455**	**351**	**19**	**78**	**78**
Less than 50 lb	S	S	S	1	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	1	1	–	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	41	S	S	6	15	6	S	4	3	2	S	S
10,000 to 49,999 lb	150	1 920	366	114	792	343	41	139	96	15	67	67
50,000 to 99,999 lb	30	750	139	7	132	53	S	S	S	S	S	S
100,000 lb or more	105	3 896	903	58	4 005	2 002	20	217	180	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 Division: 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	**126**	**S**	**S**	**317**	**4 347**	**S**	**53**	**50**	**36**	**9**	**13**	**14**
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	S
100 to 499 lb	S	–	–	S	S	S	S	S	S	S	–	–
500 to 749 lb	2	–	–	1	–	–	S	–	–	S	S	S
750 to 999 lb	S	S	S	–	–	–	S	S	S	S	S	S
1,000 to 9,999 lb	S	4	1	24	4	2	15	2	2	4	1	1
10,000 to 49,999 lb	63	88	19	58	81	32	35	47	34	4	9	9
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–	S	S	S
100,000 lb or more	S	S	S	224	S	S	–	–	–	S	S	S
SCTG 15, Coal	**721**	**28 626**	**6 780**	**205**	**8 959**	**4 252**	**149**	**6 366**	**5 718**	**92**	**4 000**	**4 678**
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	S	755	145	S	S	S	–	–	–	–	–	–
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–	–	–	–
100,000 lb or more	538	25 199	6 035	173	8 290	4 019	149	6 366	5 718	92	4 000	4 678
SCTG 17, Gasoline and aviation turbine fuel	**5 024**	**22 820**	**3 947**	**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
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	54	185	33	S	S	S	–	–	–	S	S	S
10,000 to 49,999 lb	603	2 530	460	67	317	124	S	S	S	S	S	S
50,000 to 99,999 lb	1 387	5 333	939	S	S	S	–	–	–	S	S	S
100,000 lb or more	2 980	14 771	2 515	S	S	S	–	–	–	–	–	–
SCTG 18, Fuel oils	**1 332**	**7 319**	**1 171**	**S**	**S**	**S**	**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	–	–	–	–	–	–	–	–	–
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	34	127	22	S	S	S	–	–	–	–	–	–
10,000 to 49,999 lb	169	953	174	21	115	52	–	–	–	S	S	S
50,000 to 99,999 lb	453	2 315	437	S	S	S	S	S	S	–	–	–
100,000 lb or more	676	3 923	537	S	S	S	–	–	–	–	–	–
SCTG 19, Coal and petroleum products, n.e.c.	**2 021**	**9 645**	**2 149**	**1 508**	**3 625**	**1 893**	**628**	**1 744**	**1 382**	**228**	**427**	**465**
Less than 50 lb	5	1	–	S	S	S	3	S	S	S	S	S
50 to 99 lb	1	1	–	S	S	S	1	–	–	S	S	S
100 to 499 lb	25	5	1	11	3	1	15	S	S	S	S	S
500 to 749 lb	10	3	1	S	1	1	3	S	S	2	–	1
750 to 999 lb	7	2	–	S	S	S	5	1	1	S	1	1
1,000 to 9,999 lb	S	S	S	207	144	75	42	28	20	27	12	12
10,000 to 49,999 lb	806	3 644	682	543	853	365	260	S	S	44	56	58
50,000 to 99,999 lb	292	1 900	336	54	124	53	S	S	S	S	S	S
100,000 lb or more	S	S	S	651	2 484	1 392	289	874	751	147	347	383
SCTG 20, Basic chemicals	**2 557**	**6 363**	**1 374**	**3 063**	**3 359**	**1 584**	**1 480**	**1 203**	**1 020**	**708**	**1 327**	**1 482**
Less than 50 lb	78	2	–	88	2	1	89	1	1	46	1	1
50 to 99 lb	40	2	–	23	2	1	16	1	1	6	1	1
100 to 499 lb	104	15	3	136	14	6	68	6	4	44	S	S
500 to 749 lb	23	8	2	61	13	6	47	4	3	S	S	S
750 to 999 lb	S	6	1	S	10	4	10	1	–	S	–	–
1,000 to 9,999 lb	445	318	61	674	134	54	155	47	34	76	21	21
10,000 to 49,999 lb	1 263	3 363	622	1 356	1 340	583	798	601	456	380	363	352
50,000 to 99,999 lb	78	481	100	S	S	S	S	43	34	27	53	61
100,000 lb or more	469	S	S	422	1 679	854	229	499	485	100	880	1 038
SCTG 21, Pharmaceutical products	**5 970**	**139**	**28**	**8 014**	**183**	**80**	**3 760**	**160**	**123**	**3 424**	**67**	**68**
Less than 50 lb	1 662	18	4	1 586	13	6	1 036	8	6	754	5	5
50 to 99 lb	638	8	1	419	5	2	227	2	2	S	1	1
100 to 499 lb	1 219	25	5	S	21	9	807	7	5	684	5	5
500 to 749 lb	619	8	2	345	8	4	S	S	4	S	4	4
750 to 999 lb	128	7	2	S	5	2	59	3	2	S	1	1
1,000 to 9,999 lb	701	38	7	S	47	19	848	84	67	605	29	28
10,000 to 49,999 lb	S	37	7	330	49	24	429	52	38	82	23	24
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–	–	–
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 Division: 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	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**
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	3	–	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	31	31	5	7	S	S	6	6	4	S	S	S
10,000 to 49,999 lb	S	S	S	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	S	S	S	S	S	S
SCTG 23, Chemical products and preparations, n.e.c.	**8 343**	**4 976**	**1 088**	**9 999**	**5 014**	**2 258**	**7 607**	**3 238**	**2 421**	**3 655**	**1 588**	**1 709**
Less than 50 lb	519	24	4	333	15	7	163	7	5	79	3	4
50 to 99 lb	197	12	2	130	12	5	54	5	4	28	3	4
100 to 499 lb	610	81	16	452	65	29	278	38	28	127	16	16
500 to 749 lb	S	43	10	203	31	13	66	16	12	S	8	9
750 to 999 lb	104	31	6	129	30	13	61	14	10	S	10	10
1,000 to 9,999 lb	1 883	729	161	2 186	589	251	1 191	325	239	392	133	133
10,000 to 49,999 lb	4 484	3 522	765	6 315	3 808	1 702	5 621	2 585	1 918	2 570	1 131	1 213
50,000 to 99,999 lb	66	S	37	79	97	42	56	23	S	S	S	S
100,000 lb or more	195	353	87	172	366	196	117	225	186	208	256	294
SCTG 24, Plastics and rubber	**12 788**	**4 390**	**940**	**14 409**	**5 573**	**2 494**	**9 425**	**3 570**	**2 769**	**4 157**	**1 208**	**1 246**
Less than 50 lb	689	25	6	724	38	17	473	24	18	539	S	S
50 to 99 lb	329	33	7	310	27	12	271	24	17	146	9	9
100 to 499 lb	1 235	162	34	1 278	141	64	741	89	67	426	47	49
500 to 749 lb	423	80	17	533	78	33	282	40	31	289	27	28
750 to 999 lb	431	92	20	362	56	26	255	41	32	108	15	15
1,000 to 9,999 lb	5 144	1 531	310	4 946	1 533	669	2 571	653	490	1 040	278	285
10,000 to 49,999 lb	4 189	2 138	455	5 713	2 821	1 222	4 514	2 302	1 767	1 402	558	562
50,000 to 99,999 lb	88	104	22	55	46	18	S	S	S	S	14	S
100,000 lb or more	261	226	69	487	833	433	260	359	314	191	217	241
SCTG 25, Logs and other wood in the rough	**68**	**252**	**51**	**110**	**S**	**S**	**21**	**44**	**32**	**S**	**S**	**S**
Less than 50 lb	S	S	S	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	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	6	S	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	31	S	S	S	S	S	9	21	15	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	28	S	S	S	S	S	–	–	–
SCTG 26, Wood products	**2 899**	**5 520**	**1 111**	**1 883**	**2 140**	**961**	**1 224**	**997**	**740**	**555**	**352**	**374**
Less than 50 lb	23	2	–	25	2	1	17	1	1	5	1	1
50 to 99 lb	20	3	1	17	2	1	10	1	1	5	1	1
100 to 499 lb	115	23	4	107	14	6	60	8	6	36	5	6
500 to 749 lb	42	10	2	75	10	4	22	4	3	19	4	4
750 to 999 lb	43	12	2	47	7	3	26	7	5	6	1	1
1,000 to 9,999 lb	779	401	74	444	163	71	305	124	91	154	46	49
10,000 to 49,999 lb	1 480	2 734	562	1 046	1 590	710	694	588	426	326	285	301
50,000 to 99,999 lb	294	1 767	355	75	193	84	S	S	S	3	6	7
100,000 lb or more	103	568	110	47	159	81	29	133	113	S	S	S
SCTG 27, Pulp, newsprint, paper, and paperboard	**3 503**	**5 311**	**1 207**	**4 861**	**5 386**	**2 610**	**3 384**	**3 775**	**2 991**	**1 828**	**2 776**	**2 967**
Less than 50 lb	45	5	1	59	5	2	49	4	3	28	2	2
50 to 99 lb	15	3	1	37	5	2	24	S	S	S	S	S
100 to 499 lb	101	28	5	109	19	9	70	14	11	66	13	14
500 to 749 lb	72	25	5	27	7	3	30	7	4	S	6	S
750 to 999 lb	54	11	2	20	5	2	22	6	4	12	S	S
1,000 to 9,999 lb	525	386	82	626	281	124	258	126	98	404	158	166
10,000 to 49,999 lb	2 255	4 104	930	3 369	4 093	1 929	2 392	2 770	2 125	1 000	2 144	2 239
50,000 to 99,999 lb	54	158	47	113	358	204	82	167	160	61	111	137
100,000 lb or more	380	591	134	500	613	334	457	678	584	218	333	394
SCTG 28, Paper or paperboard articles	**3 115**	**2 361**	**474**	**3 210**	**1 677**	**732**	**2 128**	**933**	**724**	**1 372**	**576**	**600**
Less than 50 lb	156	8	2	145	7	3	188	9	7	111	5	5
50 to 99 lb	45	6	1	59	6	3	27	4	3	35	3	3
100 to 499 lb	150	34	7	115	21	10	79	14	11	81	12	12
500 to 749 lb	54	17	3	54	16	7	S	10	8	42	S	S
750 to 999 lb	46	14	3	31	11	5	26	8	6	18	5	5
1,000 to 9,999 lb	794	458	91	659	273	122	473	172	130	236	97	100
10,000 to 49,999 lb	1 857	1 766	354	2 135	1 283	557	1 236	707	553	846	433	453
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	–	–	–

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Division: 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	**6 127**	**1 786**	**362**	**7 049**	**1 706**	**792**	**6 811**	**1 609**	**1 199**	**3 485**	**666**	**686**
Less than 50 lb	1 040	45	10	1 594	72	33	1 462	80	61	925	44	44
50 to 99 lb	229	18	4	419	24	10	354	26	20	S	12	12
100 to 499 lb	736	66	14	802	66	27	910	82	62	S	36	S
500 to 749 lb	127	20	4	140	S	S	186	16	12	71	8	8
750 to 999 lb	116	22	4	176	19	8	82	9	6	144	S	S
1,000 to 9,999 lb	1 415	627	127	1 815	638	314	1 801	630	461	729	292	306
10,000 to 49,999 lb	2 375	898	183	2 039	699	310	1 953	718	543	611	220	222
50,000 to 99,999 lb	S	S	S	24	16	7	S	S	S	S	S	S
100,000 lb or more	S	S	S	41	S	S	S	S	S	S	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**5 673**	**665**	**143**	**6 091**	**425**	**193**	**4 504**	**226**	**168**	**2 689**	**163**	**167**
Less than 50 lb	1 118	32	7	1 525	44	20	1 622	40	31	1 214	40	40
50 to 99 lb	200	13	3	S	17	7	S	S	S	78	3	3
100 to 499 lb	649	48	10	485	39	16	614	32	24	290	16	16
500 to 749 lb	159	19	4	90	11	5	87	7	5	74	4	4
750 to 999 lb	136	15	3	124	12	5	51	5	3	22	2	2
1,000 to 9,999 lb	1 731	203	42	1 627	162	74	528	45	33	484	54	55
10,000 to 49,999 lb	1 615	S	S	1 760	128	60	1 103	80	58	504	41	42
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 31, Nonmetallic mineral products	**4 152**	**14 663**	**3 084**	**4 096**	**8 400**	**3 874**	**1 748**	**2 102**	**1 670**	**820**	**1 388**	**1 474**
Less than 50 lb	145	8	2	157	10	5	181	10	8	132	8	9
50 to 99 lb	25	3	1	64	7	3	48	4	3	25	4	4
100 to 499 lb	98	22	4	131	16	7	148	20	16	65	7	7
500 to 749 lb	47	15	3	42	8	4	S	S	S	13	2	2
750 to 999 lb	20	6	1	47	9	4	8	2	1	S	S	S
1,000 to 9,999 lb	501	283	59	846	316	147	282	129	97	99	38	39
10,000 to 49,999 lb	2 697	7 243	1 488	2 471	3 514	1 547	960	1 265	951	424	771	799
50,000 to 99,999 lb	421	3 717	677	79	615	275	18	90	66	5	S	S
100,000 lb or more	197	3 365	848	257	3 905	1 883	S	S	S	S	S	S
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**26 866**	**40 105**	**9 018**	**21 317**	**26 280**	**11 406**	**8 524**	**9 199**	**6 937**	**3 634**	**4 082**	**4 733**
Less than 50 lb	117	6	1	88	4	2	164	3	3	81	2	2
50 to 99 lb	95	6	1	66	5	2	49	3	2	S	1	1
100 to 499 lb	409	83	17	509	47	20	252	27	21	127	16	16
500 to 749 lb	197	55	12	172	42	18	149	21	16	54	9	9
750 to 999 lb	270	52	11	201	36	16	85	18	14	62	16	15
1,000 to 9,999 lb	3 674	2 012	400	2 947	1 396	596	1 427	600	439	636	207	210
10,000 to 49,999 lb	15 921	23 070	4 938	14 665	18 720	8 034	4 650	4 890	3 535	1 428	1 415	1 457
50,000 to 99,999 lb	2 384	5 012	993	840	1 474	610	138	300	220	21	31	31
100,000 lb or more	3 800	9 808	2 645	1 829	4 556	2 107	1 611	3 336	2 687	1 191	2 384	2 991
SCTG 33, Articles of base metal	**12 071**	**4 967**	**1 032**	**12 922**	**4 804**	**2 170**	**8 807**	**3 196**	**2 368**	**4 019**	**1 282**	**1 326**
Less than 50 lb	1 169	35	8	1 564	50	24	798	23	17	519	17	17
50 to 99 lb	573	27	6	S	46	21	S	S	23	155	9	9
100 to 499 lb	1 421	165	34	1 452	141	61	1 851	133	99	550	46	47
500 to 749 lb	415	57	12	652	72	31	209	38	29	S	17	18
750 to 999 lb	395	50	10	365	50	23	285	31	22	136	19	19
1,000 to 9,999 lb	3 690	1 134	236	3 336	1 040	468	2 033	618	461	964	S	S
10,000 to 49,999 lb	4 264	3 266	674	4 264	3 113	1 408	2 821	1 885	1 378	1 091	757	784
50,000 to 99,999 lb	S	95	21	195	193	84	90	S	S	S	48	55
100,000 lb or more	S	S	S	56	98	51	139	265	219	S	S	S
SCTG 34, Machinery	**24 177**	**4 097**	**848**	**24 618**	**3 469**	**1 554**	**16 678**	**2 228**	**1 681**	**9 411**	**1 266**	**1 356**
Less than 50 lb	2 104	45	10	2 679	56	27	1 762	22	17	1 029	17	18
50 to 99 lb	539	17	4	552	17	8	513	14	11	235	6	6
100 to 499 lb	2 300	134	30	2 675	137	62	1 749	93	72	1 030	47	49
500 to 749 lb	689	48	10	999	67	29	619	33	25	272	20	21
750 to 999 lb	511	42	10	444	34	14	258	18	14	243	14	14
1,000 to 9,999 lb	4 885	625	136	5 597	705	309	3 862	453	342	2 369	286	299
10,000 to 49,999 lb	12 041	2 925	591	9 850	2 052	898	5 813	1 231	915	3 433	665	673
50,000 to 99,999 lb	769	98	19	786	118	51	934	186	152	S	S	S
100,000 lb or more	341	162	39	1 036	283	156	1 169	178	133	280	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**16 578**	**1 377**	**289**	**20 621**	**1 689**	**756**	**16 007**	**1 052**	**775**	**8 014**	**453**	**468**
Less than 50 lb	2 940	40	9	3 191	34	16	4 337	39	30	2 222	22	23
50 to 99 lb	744	15	3	1 005	20	9	952	17	13	599	10	10
100 to 499 lb	2 430	86	19	2 676	91	40	2 738	86	65	1 567	46	48
500 to 749 lb	491	29	6	757	50	23	517	28	21	267	15	15
750 to 999 lb	567	26	6	490	25	12	707	19	14	151	11	11
1,000 to 9,999 lb	6 164	404	86	5 879	413	182	3 228	249	187	1 839	151	155
10,000 to 49,999 lb	3 161	731	151	6 599	1 043	470	3 475	603	437	1 300	190	196
50,000 to 99,999 lb	S	S	S	S	S	S	36	8	5	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 Division: 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)	**52 584**	**12 378**	**2 886**	**50 184**	**9 523**	**4 699**	**33 267**	**5 617**	**4 365**	**14 493**	**2 513**	**2 723**
Less than 50 lb	1 061	50	11	1 103	46	20	863	35	28	516	27	27
50 to 99 lb	470	26	6	426	28	13	407	20	16	196	11	11
100 to 499 lb	2 641	129	28	2 355	139	63	896	53	41	726	46	48
500 to 749 lb	1 000	61	13	1 132	86	43	332	S	S	S	13	14
750 to 999 lb	1 136	95	19	589	48	21	184	23	16	89	11	11
1,000 to 9,999 lb	16 045	2 075	450	16 641	1 995	977	9 915	1 107	866	4 084	432	492
10,000 to 49,999 lb	23 509	6 721	1 495	19 263	4 973	2 285	12 772	2 591	1 931	4 652	899	970
50,000 to 99,999 lb	2 479	1 065	291	7 429	1 377	719	5 845	1 194	968	3 106	489	532
100,000 lb or more	S	S	S	1 246	S	S	2 054	547	469	892	S	S
SCTG 37, Transportation equipment, n.e.c.	**1 799**	**326**	**80**	**2 110**	**277**	**123**	**1 922**	**272**	**S**	**1 064**	**65**	**67**
Less than 50 lb	230	1	–	499	S	S	641	1	1	379	1	1
50 to 99 lb	S	–	–	S	S	S	149	1	1	47	–	–
100 to 499 lb	S	2	–	277	4	2	S	3	3	253	2	2
500 to 749 lb	S	1	S	14	S	S	S	1	1	4	S	S
750 to 999 lb	S	S	S	S	–	–	S	S	S	S	S	S
1,000 to 9,999 lb	300	31	7	364	41	20	261	21	16	112	10	11
10,000 to 49,999 lb	307	146	31	715	133	58	325	99	74	266	51	52
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S	–	–	–
100,000 lb or more	S	S	S	94	71	31	S	S	S	–	–	–
SCTG 38, Precision instruments and apparatus	**3 029**	**49**	**10**	**3 379**	**59**	**28**	**3 681**	**49**	**38**	**2 360**	**27**	**28**
Less than 50 lb	1 659	10	2	1 650	10	5	1 554	10	7	1 052	6	6
50 to 99 lb	226	2	1	282	3	1	235	3	2	271	2	2
100 to 499 lb	657	12	3	727	15	7	710	9	7	561	6	6
500 to 749 lb	S	S	S	107	2	1	218	2	1	24	1	1
750 to 999 lb	120	S	S	17	1	–	129	2	1	18	1	1
1,000 to 9,999 lb	205	9	2	532	16	8	534	11	9	290	6	6
10,000 to 49,999 lb	44	S	1	S	S	S	S	12	10	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–	–	–	–
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**2 905**	**626**	**134**	**2 989**	**710**	**318**	**3 958**	**784**	**583**	**1 938**	**416**	**442**
Less than 50 lb	112	6	1	82	3	2	92	4	3	47	3	3
50 to 99 lb	44	5	1	86	7	3	58	7	5	43	4	4
100 to 499 lb	278	40	8	389	49	22	288	39	29	281	38	41
500 to 749 lb	160	21	4	161	29	14	130	19	14	97	15	16
750 to 999 lb	88	15	3	179	25	11	241	23	17	55	11	12
1,000 to 9,999 lb	1 175	200	40	1 227	225	103	1 376	246	184	851	187	197
10,000 to 49,999 lb	1 009	331	74	863	369	161	1 767	445	328	562	S	S
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 40, Miscellaneous manufactured products	**14 582**	**3 376**	**713**	**13 747**	**2 906**	**1 236**	**11 544**	**1 934**	**1 491**	**6 196**	**979**	**994**
Less than 50 lb	2 032	56	13	2 745	65	30	2 506	69	54	1 800	46	48
50 to 99 lb	564	29	6	656	33	15	656	26	20	273	14	14
100 to 499 lb	1 716	126	28	1 946	259	110	1 599	129	96	829	66	67
500 to 749 lb	433	48	10	652	53	24	599	39	29	329	37	38
750 to 999 lb	366	56	12	598	47	21	473	39	29	167	20	20
1,000 to 9,999 lb	3 884	727	161	3 557	665	282	2 834	555	424	1 549	286	289
10,000 to 49,999 lb	5 340	2 007	418	3 171	1 541	649	2 745	997	776	1 225	409	410
50,000 to 99,999 lb	235	238	46	337	125	57	36	49	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S	S	S	S
SCTG 41, Waste and scrap	**2 739**	**9 227**	**2 077**	**1 432**	**4 311**	**2 037**	**353**	**1 571**	**1 255**	**112**	**433**	**461**
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
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	S	S	S
1,000 to 9,999 lb	S	17	3	17	6	3	S	S	S	S	S	S
10,000 to 49,999 lb	1 902	4 434	858	1 038	2 047	935	219	S	S	36	131	133
50,000 to 99,999 lb	150	985	194	33	138	52	S	S	S	S	S	S
100,000 lb or more	586	3 790	1 022	341	2 118	1 046	83	828	718	S	227	245
SCTG 43, Mixed freight	**6 115**	**3 082**	**560**	**1 962**	**548**	**237**	**861**	**253**	**188**	**S**	**142**	**142**
Less than 50 lb	186	14	3	S	S	S	S	S	S	S	S	S
50 to 99 lb	38	6	1	26	S	S	S	–	–	S	S	S
100 to 499 lb	255	69	13	70	8	3	S	3	2	10	1	1
500 to 749 lb	117	49	9	S	5	2	S	2	2	S	1	1
750 to 999 lb	86	32	6	24	5	2	8	2	1	S	S	S
1,000 to 9,999 lb	2 331	1 185	217	583	173	70	195	57	44	106	34	35
10,000 to 49,999 lb	3 083	1 707	307	S	341	153	497	183	133	S	S	S
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 Division: 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	**855**	**626**	**126**	**1 441**	**497**	**220**	**890**	**162**	**120**	**419**	**100**	**112**
Less than 50 lb	139	3	1	161	3	1	111	3	2	99	S	S
50 to 99 lb	4	S	–	S	S	S	6	–	–	S	S	S
100 to 499 lb	53	7	1	S	9	4	32	S	S	27	2	2
500 to 749 lb	S	3	1	S	5	2	18	2	2	7	1	1
750 to 999 lb	23	S	S	15	2	1	7	1	1	S	S	S
1,000 to 9,999 lb	264	84	16	218	S	S	101	16	12	150	11	11
10,000 to 49,999 lb	320	361	71	S	221	101	572	119	88	103	58	61
50,000 to 99,999 lb	11	69	14	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 Division: 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 (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
All commodities	**63 495**	**18 294**	**26 424**	**67 482**	**17 972**	**39 727**	**9 466**	**2 431**	**6 407**
Less than 50 lb	6 536	136	195	9 514	208	445	1 582	29	76
50 to 99 lb	1 678	63	89	2 007	73	155	522	18	46
100 to 499 lb	5 370	313	444	6 288	338	715	851	54	141
500 to 749 lb	1 629	155	214	2 561	272	593	311	23	57
750 to 999 lb	894	86	123	1 427	100	213	294	24	58
1,000 to 9,999 lb	14 416	2 870	4 077	14 407	1 993	4 292	2 917	421	1 122
10,000 to 49,999 lb	24 553	8 583	12 330	25 473	10 029	21 963	2 522	1 283	3 396
50,000 to 99,999 lb	5 505	1 164	1 724	3 749	920	2 092	S	105	266
100,000 lb or more	2 913	4 924	7 229	2 057	4 038	9 259	241	474	1 246
SCTG 01, Live animals and live fish	**–**	**–**	**–**	**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	–	–	–	–	–	–	–	–	–
10,000 to 49,999 lb	–	–	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 02, Cereal grains	**S**	**S**	**S**	**S**	**127**	**290**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	–	–	–
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	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	1	S	S	S	S	–	–	–
10,000 to 49,999 lb	S	S	S	S	123	281	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–
SCTG 03, Other agricultural products	**119**	**124**	**179**	**S**	**155**	**345**	**7**	**S**	**S**
Less than 50 lb	37	S	S	51	5	11	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	3	–	1	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	16	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	40	53	36	66	155	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 04, Animal feed and products of animal origin, n.e.c.	**152**	**234**	**318**	**430**	**520**	**1 184**	**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	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	138	167	219	195	206	442	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	S	49	73	S	298	706	–	–	–
SCTG 05, Meat, fish, seafood, and their preparations	**1 006**	**375**	**522**	**1 753**	**464**	**995**	**117**	**42**	**99**
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	5	1	1	9	1	3	–	–	–
500 to 749 lb	S	–	1	S	1	3	–	–	–
750 to 999 lb	3	1	1	14	3	5	–	–	–
1,000 to 9,999 lb	232	63	88	299	74	154	S	S	S
10,000 to 49,999 lb	725	292	405	1 398	381	819	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 06, Milled grain products and preparations, and bakery products	**781**	**746**	**1 062**	**1 368**	**906**	**2 003**	**103**	**45**	**130**
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	1	–	–	1	S	S	S	S	S
500 to 749 lb	1	1	1	1	–	1	S	S	S
750 to 999 lb	S	S	S	2	1	3	S	S	S
1,000 to 9,999 lb	92	37	50	112	44	92	S	S	S
10,000 to 49,999 lb	600	398	575	1 187	674	1 499	81	38	112
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	65	270	364	37	S	S	–	–	–

See footnotes at end of table.

Table 10. **Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Division: 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	**2 016**	**1 337**	**1 885**	**3 445**	**2 320**	**5 102**	**98**	**57**	**145**
Less than 50 lb	S	1	2	S	S	S	–	S	S
50 to 99 lb	S	–	–	S	S	S	S	S	S
100 to 499 lb	34	5	6	52	6	13	S	S	S
500 to 749 lb	22	3	5	22	4	8	S	S	1
750 to 999 lb	12	3	4	17	3	6	S	–	1
1,000 to 9,999 lb	483	190	256	434	99	206	S	11	27
10,000 to 49,999 lb	1 267	762	1 049	2 509	1 459	3 128	42	30	73
50,000 to 99,999 lb	S	S	S	47	S	S	–	–	–
100,000 lb or more	172	362	550	325	628	1 477	S	S	S
SCTG 08, Alcoholic beverages	**S**	**S**	**S**	**80**	**45**	**96**	**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	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	80	44	61	76	44	95	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–
SCTG 09, Tobacco products	**93**	**3**	**4**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	–	S	5	–	–	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	38	1	2	61	2	4	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	–	–	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 10, Monumental or building stone	**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
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	S	S	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 11, Natural sands	**10**	**S**	**S**	**4**	**31**	**67**	**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	S	S	S	–	–	–
10,000 to 49,999 lb	S	S	S	4	19	41	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	9	S	S	S	S	S	S	S	S
SCTG 12, Gravel and crushed stone	**S**	**S**	**S**	**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	–	–	–	–	–	–	–	–	–
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.	**S**	**85**	**117**	**S**	**20**	**43**	**S**	**S**	**S**
Less than 50 lb	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	7	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
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 Division: 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	**6**	**S**	**S**	**35**	**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
500 to 749 lb	S	–	–	–	–	–	S	S	S
750 to 999 lb	S	S	S	–	–	–	–	–	–
1,000 to 9,999 lb	3	1	1	S	S	S	S	S	S
10,000 to 49,999 lb	S	S	S	34	S	S	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 15, Coal	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
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	–	–	–	–	–	–	–	–	–
SCTG 17, Gasoline and aviation turbine fuel	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
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	–	–	–	–	–	–	–	–	–
SCTG 18, Fuel oils	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
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	–	–	–	–	–	–	–	–	–
SCTG 19, Coal and petroleum products, n.e.c.	**307**	**582**	**813**	**122**	**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	S	S	S
100 to 499 lb	2	–	1	2	1	1	–	–	–
500 to 749 lb	S	S	S	S	S	S	–	–	–
750 to 999 lb	2	1	1	S	S	S	–	–	–
1,000 to 9,999 lb	S	S	S	16	6	13	S	S	S
10,000 to 49,999 lb	43	52	75	80	107	241	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	96	334	515	16	S	S	–	–	–
SCTG 20, Basic chemicals	**329**	**S**	**667**	**581**	**179**	**407**	**143**	**80**	**214**
Less than 50 lb	13	–	–	S	1	2	S	S	S
50 to 99 lb	S	1	1	S	1	1	S	S	S
100 to 499 lb	24	2	3	19	2	4	7	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S
750 to 999 lb	1	–	–	S	S	S	S	S	S
1,000 to 9,999 lb	68	15	21	S	11	24	28	S	S
10,000 to 49,999 lb	145	76	103	200	102	227	65	52	140
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	57	S	S	54	43	105	28	22	59
SCTG 21, Pharmaceutical products	**1 145**	**33**	**47**	**2 119**	**49**	**106**	**112**	**1**	**4**
Less than 50 lb	510	3	4	517	3	7	S	1	2
50 to 99 lb	159	1	1	116	1	2	S	–	–
100 to 499 lb	213	3	4	194	2	5	S	–	1
500 to 749 lb	S	–	1	38	1	3	S	S	S
750 to 999 lb	S	1	S	S	1	3	–	–	–
1,000 to 9,999 lb	111	13	17	961	14	29	S	S	S
10,000 to 49,999 lb	S	S	S	234	27	58	–	–	–
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 Division: 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 (thousands)	Ton-miles (millions)	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
SCTG 22, Fertilizers	**S**	**S**	**S**	**S**	**S**	**S**	**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	–	–	–
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	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 23, Chemical products and preparations, n.e.c.	**1 791**	**776**	**1 080**	**3 320**	**1 265**	**2 884**	**486**	**259**	**702**
Less than 50 lb	72	3	4	59	2	5	22	1	1
50 to 99 lb	24	3	4	57	2	5	5	1	2
100 to 499 lb	88	13	18	78	12	26	S	1	3
500 to 749 lb	15	3	4	16	4	9	S	S	S
750 to 999 lb	S	5	7	6	2	5	6	1	3
1,000 to 9,999 lb	283	88	133	312	81	170	68	17	42
10,000 to 49,999 lb	1 096	536	704	2 721	1 082	2 476	360	208	569
50,000 to 99,999 lb	S	S	S	–	–	–	S	S	S
100,000 lb or more	S	S	S	70	79	189	S	S	S
SCTG 24, Plastics and rubber	**2 884**	**767**	**1 124**	**2 747**	**812**	**1 755**	**824**	**207**	**543**
Less than 50 lb	234	9	13	244	9	19	40	2	4
50 to 99 lb	81	6	9	109	9	18	8	1	2
100 to 499 lb	415	44	63	253	24	50	55	8	21
500 to 749 lb	162	18	25	84	12	25	S	6	13
750 to 999 lb	81	11	16	48	9	18	37	7	17
1,000 to 9,999 lb	837	186	269	894	190	396	347	73	179
10,000 to 49,999 lb	1 052	449	667	1 053	501	1 098	219	92	254
50,000 to 99,999 lb	–	–	–	S	S	S	–	–	–
100,000 lb or more	23	44	62	S	S	S	S	S	S
SCTG 25, Logs and other wood in the rough	**S**	**S**	**S**	**33**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	S	S	S	–	–	–	–	–	–
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	–	–	–	S	S	S	–	–	–
100,000 lb or more	–	–	–	S	S	S	S	S	S
SCTG 26, Wood products	**349**	**209**	**298**	**613**	**514**	**1 165**	**32**	**20**	**51**
Less than 50 lb	3	–	–	7	1	1	S	–	1
50 to 99 lb	7	1	1	4	1	1	S	S	S
100 to 499 lb	19	3	4	25	4	8	S	S	S
500 to 749 lb	9	3	4	13	2	5	S	S	S
750 to 999 lb	7	S	S	9	3	6	S	S	S
1,000 to 9,999 lb	110	32	45	115	34	73	S	1	2
10,000 to 49,999 lb	181	141	195	329	256	570	21	17	44
50,000 to 99,999 lb	5	9	15	28	53	116	–	–	–
100,000 lb or more	7	19	30	82	160	385	S	S	S
SCTG 27, Pulp, newsprint, paper, and paperboard	**659**	**915**	**1 406**	**958**	**1 205**	**2 601**	**86**	**68**	**186**
Less than 50 lb	11	S	S	23	1	3	6	–	1
50 to 99 lb	S	S	S	2	–	–	S	S	S
100 to 499 lb	22	2	3	S	S	S	S	S	S
500 to 749 lb	3	1	1	25	S	S	S	S	S
750 to 999 lb	7	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	71	38	52	94	29	61	7	S	7
10,000 to 49,999 lb	341	501	711	694	993	2 102	43	45	124
50,000 to 99,999 lb	71	158	270	S	51	121	S	S	S
100,000 lb or more	S	209	363	68	119	289	–	–	–
SCTG 28, Paper or paperboard articles	**585**	**236**	**351**	**1 010**	**434**	**949**	**78**	**18**	**45**
Less than 50 lb	53	3	5	79	4	8	S	–	–
50 to 99 lb	10	1	1	19	1	3	S	S	S
100 to 499 lb	28	4	5	40	6	12	S	S	S
500 to 749 lb	14	3	5	17	6	12	S	S	S
750 to 999 lb	4	2	S	8	2	5	S	S	S
1,000 to 9,999 lb	136	43	62	187	62	130	27	6	16
10,000 to 49,999 lb	340	180	270	658	345	763	33	10	27
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 Division: 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	**2 231**	**S**	**S**	**2 864**	**404**	**866**	**269**	**29**	**73**
Less than 50 lb	421	21	31	871	31	66	123	5	13
50 to 99 lb	112	8	11	S	S	S	S	1	2
100 to 499 lb	224	14	19	S	30	65	40	3	8
500 to 749 lb	39	4	6	87	8	18	S	S	S
750 to 999 lb	S	2	3	S	S	S	S	1	2
1,000 to 9,999 lb	S	S	S	409	81	170	36	9	22
10,000 to 49,999 lb	S	144	204	473	184	393	22	7	16
50,000 to 99,999 lb	–	–	–	S	S	S	S	S	S
100,000 lb or more	–	–	–	S	S	S	S	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**1 220**	**79**	**106**	**1 641**	**S**	**S**	**399**	**22**	**58**
Less than 50 lb	542	14	19	780	23	49	58	1	3
50 to 99 lb	43	2	3	111	5	10	12	–	1
100 to 499 lb	113	7	9	160	8	16	29	1	3
500 to 749 lb	23	2	2	26	3	5	S	–	1
750 to 999 lb	S	S	S	16	2	4	S	S	S
1,000 to 9,999 lb	382	29	40	318	23	49	S	S	29
10,000 to 49,999 lb	105	24	30	228	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	S	S	S	–	–	–
100,000 lb or more	–	–	–	S	S	S	–	–	–
SCTG 31, Nonmetallic mineral products	**631**	**572**	**804**	**952**	**832**	**1 824**	**282**	**179**	**482**
Less than 50 lb	67	4	5	89	4	9	20	–	1
50 to 99 lb	S	S	S	21	S	S	9	–	1
100 to 499 lb	39	4	6	55	8	17	22	1	3
500 to 749 lb	S	2	2	S	1	2	10	1	2
750 to 999 lb	S	S	S	S	1	2	S	S	S
1,000 to 9,999 lb	63	38	51	144	43	91	70	15	S
10,000 to 49,999 lb	391	262	370	579	379	828	146	128	331
50,000 to 99,999 lb	S	S	S	S	40	87	S	S	S
100,000 lb or more	22	255	359	S	S	S	S	S	S
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**1 814**	**1 668**	**2 340**	**1 996**	**1 441**	**3 290**	**425**	**412**	**1 064**
Less than 50 lb	48	1	1	S	1	2	S	S	S
50 to 99 lb	39	1	1	28	2	4	S	S	S
100 to 499 lb	89	9	13	89	7	15	S	2	6
500 to 749 lb	26	3	4	S	5	11	10	2	3
750 to 999 lb	23	4	6	S	7	15	8	S	S
1,000 to 9,999 lb	358	155	220	325	79	170	62	14	35
10,000 to 49,999 lb	917	853	1 208	599	442	953	227	178	448
50,000 to 99,999 lb	S	S	S	S	56	119	S	S	S
100,000 lb or more	292	593	816	631	842	2 002	S	209	554
SCTG 33, Articles of base metal	**3 120**	**1 921**	**2 806**	**3 031**	**555**	**1 190**	**737**	**188**	**489**
Less than 50 lb	260	8	11	S	S	S	89	1	3
50 to 99 lb	93	5	7	89	6	14	S	S	S
100 to 499 lb	370	39	56	S	45	92	56	4	11
500 to 749 lb	72	9	13	86	9	18	S	S	S
750 to 999 lb	50	7	10	85	11	23	9	S	S
1,000 to 9,999 lb	702	240	344	639	148	310	148	24	57
10,000 to 49,999 lb	875	435	618	435	244	527	97	44	118
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	677	1 151	1 711	S	S	S	S	S	S
SCTG 34, Machinery	**8 988**	**1 193**	**1 678**	**7 307**	**943**	**2 114**	**907**	**S**	**S**
Less than 50 lb	695	8	11	914	12	25	164	2	7
50 to 99 lb	183	3	5	133	4	9	35	S	S
100 to 499 lb	673	39	57	799	39	81	60	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S
750 to 999 lb	187	12	18	225	11	22	S	S	S
1,000 to 9,999 lb	1 583	141	201	1 483	144	303	140	S	119
10,000 to 49,999 lb	4 232	825	1 153	2 305	402	894	S	S	S
50,000 to 99,999 lb	434	76	115	S	41	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	–	–	–
SCTG 35, Electronic and other electrical equipment and components and office equipment	**8 428**	**796**	**1 210**	**8 368**	**733**	**1 565**	**968**	**49**	**131**
Less than 50 lb	1 174	13	18	1 826	19	40	319	3	8
50 to 99 lb	322	9	13	369	9	19	80	1	4
100 to 499 lb	1 268	34	47	1 332	43	91	166	5	13
500 to 749 lb	286	13	20	370	18	38	14	S	S
750 to 999 lb	161	8	12	211	8	17	S	1	1
1,000 to 9,999 lb	2 049	129	188	1 521	139	306	197	11	31
10,000 to 49,999 lb	3 152	581	900	2 441	438	922	142	20	54
50,000 to 99,999 lb	S	S	S	233	52	115	–	–	–
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 Division: 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)	**16 599**	**2 259**	**3 433**	**12 029**	**1 260**	**2 906**	**1 752**	**276**	**746**
Less than 50 lb	271	9	14	281	12	25	52	2	5
50 to 99 lb	187	6	9	S	4	7	S	S	S
100 to 499 lb	527	23	33	357	16	34	18	1	4
500 to 749 lb	84	7	10	109	8	18	5	1	2
750 to 999 lb	80	5	9	S	10	22	S	S	S
1,000 to 9,999 lb	4 132	560	839	3 371	321	753	1 185	126	351
10,000 to 49,999 lb	6 181	1 192	1 857	4 460	596	1 363	463	S	S
50,000 to 99,999 lb	4 672	428	620	2 940	257	603	–	–	–
100,000 lb or more	S	28	43	S	S	S	–	–	–
SCTG 37, Transportation equipment, n.e.c.	**923**	**40**	**57**	**776**	**19**	**41**	**124**	**S**	**S**
Less than 50 lb	263	1	1	343	–	1	S	S	S
50 to 99 lb	S	–	–	S	–	–	S	S	S
100 to 499 lb	S	1	1	115	1	2	S	–	1
500 to 749 lb	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	S	7	10	58	5	10	S	S	S
10,000 to 49,999 lb	107	15	21	121	12	26	S	S	S
50,000 to 99,999 lb	S	S	S	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–
SCTG 38, Precision instruments and apparatus	**1 716**	**28**	**39**	**1 738**	**20**	**42**	**452**	**4**	**10**
Less than 50 lb	812	4	6	999	6	12	164	1	2
50 to 99 lb	91	1	2	187	2	4	13	–	–
100 to 499 lb	348	6	8	281	4	9	125	1	2
500 to 749 lb	S	S	S	S	1	1	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	330	8	10	196	5	11	S	S	S
10,000 to 49,999 lb	58	6	9	S	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	**1 685**	**294**	**418**	**1 515**	**409**	**934**	**S**	**24**	**S**
Less than 50 lb	37	1	2	53	2	4	S	–	1
50 to 99 lb	14	2	3	28	2	5	S	S	S
100 to 499 lb	138	21	31	144	23	47	S	S	S
500 to 749 lb	S	14	19	53	6	14	S	S	S
750 to 999 lb	34	5	7	42	5	10	S	S	S
1,000 to 9,999 lb	708	106	141	464	69	151	36	5	13
10,000 to 49,999 lb	655	145	S	693	171	396	S	S	S
50,000 to 99,999 lb	–	–	–	S	S	S	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 40, Miscellaneous manufactured products	**3 177**	**584**	**863**	**5 247**	**1 211**	**2 557**	**745**	**89**	**224**
Less than 50 lb	850	21	29	1 150	28	59	328	7	19
50 to 99 lb	183	9	12	228	10	21	43	2	5
100 to 499 lb	521	36	49	707	51	108	135	10	26
500 to 749 lb	59	7	10	217	21	45	13	2	4
750 to 999 lb	60	8	12	87	8	17	S	S	S
1,000 to 9,999 lb	725	123	175	1 683	231	493	138	25	64
10,000 to 49,999 lb	689	268	380	1 154	383	824	49	23	57
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 41, Waste and scrap	**36**	**160**	**244**	**31**	**84**	**196**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	S	S	S
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–
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	7	31	49	22	43	103	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	S	83	122	S	17	38	–	–	–
SCTG 43, Mixed freight	**187**	**40**	**54**	**299**	**97**	**212**	**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	9	1	1	S	1	2	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	12	25	–	–	–
10,000 to 49,999 lb	S	27	35	132	56	124	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
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 Division: 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	**285**	**53**	**81**	**269**	**29**	**61**	**S**	**S**	**S**
Less than 50 lb	48	1	2	80	2	4	S	S	S
50 to 99 lb	2	–	–	S	S	S	S	S	S
100 to 499 lb	13	1	2	10	1	2	S	S	S
500 to 749 lb	6	1	1	S	–	1	S	S	S
750 to 999 lb	S	S	S	S	S	S	–	–	–
1,000 to 9,999 lb	37	4	6	46	4	7	S	S	S
10,000 to 49,999 lb	64	22	32	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	S	S	S	–	–	–
100,000 lb or more	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 Division: 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	**1.3**	**–**	**4.5**	**–**	**2.6**	**–**	**4.8**
Single modes	**1.2**	**.5**	**4.9**	**.6**	**2.7**	**.5**	**3.8**
Truck	1.5	.5	6.2	1.4	2.2	.9	4.1
For-hire truck	2.3	.7	11.1	2.2	2.4	.9	5.6
Private truck	1.6	.5	5.8	1.7	5.4	.5	3.2
Rail	7.4	.5	6.6	.7	8.0	1.4	6.6
Water	10.3	–	12.8	.6	8.3	1.1	S
Shallow draft	11.8	–	15.5	.5	10.1	1.1	S
Great Lakes	28.8	–	21.8	.4	21.5	.6	13.6
Deep draft	S	S	S	S	S	S	22.5
Air (includes truck and air)	7.9	.1	16.4	–	11.8	–	2.8
Pipeline	20.8	.2	21.3	.8	S	S	S
Multiple modes	**4.0**	**.5**	**9.5**	**.2**	**7.4**	**.5**	**4.7**
Parcel, U.S. Postal Service or courier	4.5	.4	4.4	–	7.1	–	4.7
Truck and rail	13.5	.3	29.1	.2	7.4	.2	6.6
Truck and water	31.5	–	30.6	.1	31.5	.3	17.8
Rail and water	28.7	–	28.4	.2	27.6	.5	24.2
Other multiple modes	40.3	–	26.8	.2	35.6	.3	S
Other and unknown modes	**13.9**	**.5**	**19.3**	**.5**	**13.2**	**.3**	**11.2**

– 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–1b. Measures of Reliability for Shipment Characteristics by Mode of Transportation for the Division: 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	**1.3**	**1.7**	**2.5**	**4.5**	**2.3**	**6.1**	**2.6**	**4.4**	**5.8**	**4.8**	**4.0**	**6.7**
Single modes	**1.2**	**1.7**	**2.4**	**4.9**	**2.3**	**6.6**	**2.7**	**4.6**	**6.1**	**3.8**	**3.9**	**5.6**
Truck	1.5	1.5	2.4	6.2	3.0	8.7	2.2	6.4	7.8	4.1	4.8	6.5
For-hire truck	2.3	2.5	3.9	11.1	3.8	16.4	2.4	7.9	9.4	5.6	2.4	5.9
Private truck	1.6	2.6	3.4	5.8	4.2	8.0	5.4	4.0	7.9	3.2	3.3	4.4
Rail	7.4	6.7	14.1	6.6	5.7	9.1	8.0	4.6	9.3	6.6	5.8	8.9
Water	10.3	14.9	24.8	12.8	11.7	21.0	8.3	19.9	29.0	S	17.0	S
Shallow draft	11.8	17.5	29.5	15.5	19.3	30.0	10.1	25.6	37.8	S	17.2	S
Great Lakes	28.8	S	S	21.8	22.7	38.6	21.5	22.6	40.5	13.6	14.4	12.3
Deep draft	S	S	S	S	S	S	S	S	S	22.5	20.3	39.0
Air (includes truck and air)	7.9	10.3	13.0	16.4	31.9	41.6	11.8	22.7	30.2	2.8	2.4	3.7
Pipeline	20.8	15.5	31.9	21.3	16.7	28.4	S	S	S	S	S	S
Multiple modes	**4.0**	**4.8**	**7.8**	**9.5**	**22.3**	**23.7**	**7.4**	**21.5**	**22.1**	**4.7**	**3.2**	**5.9**
Parcel, U.S. Postal Service or courier	4.5	2.9	7.1	4.4	3.4	7.0	7.1	5.2	11.4	4.7	3.3	5.9
Truck and rail	13.5	19.9	25.6	29.1	14.9	58.1	7.4	15.3	25.9	6.6	4.3	8.6
Truck and water	31.5	S	S	30.6	S	S	31.5	S	S	17.8	21.0	35.6
Rail and water	28.7	32.5	32.4	28.4	33.5	43.1	27.6	28.0	39.2	24.2	24.3	78.1
Other multiple modes	40.3	S	S	26.8	32.7	61.8	35.6	29.2	53.2	S	19.1	S
Other and unknown modes	**13.9**	**7.6**	**23.2**	**19.3**	**17.0**	**25.7**	**13.2**	**14.0**	**26.4**	**11.2**	**14.2**	**7.9**

– 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 Division: 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	**.5**	**.5**	**.6**	**.7**	**.5**	**1.4**
Truck	.5	.5	1.4	1.3	.9	1.8
For-hire truck	.7	.7	2.2	1.0	.9	1.6
Private truck	.5	.8	1.7	1.2	.5	.6
Rail	.5	.3	.7	.7	1.4	1.3
Water	–	–	.6	.5	1.1	2.0
Shallow draft	–	–	.5	.5	1.1	2.1
Great Lakes	–	S	.4	.3	.6	.5
Deep draft	S	S	S	S	S	S
Air (includes truck and air)	.1	.1	–	–	–	–
Pipeline	.2	.1	.8	.7	S	S
Multiple modes	**.5**	**.5**	**.2**	**.6**	**.5**	**1.4**
Parcel, U.S. Postal Service or courier	.4	.3	–	–	–	–
Truck and rail	.3	.5	.2	–	.2	.3
Truck and water	–	S	.1	S	.3	S
Rail and water	–	–	.2	.2	.5	.6
Other multiple modes	–	S	.2	.1	.3	.3
Other and unknown modes	**.5**	**.3**	**.5**	**.5**	**.3**	**.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.

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 Division: 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	**2.6**	**–**	**4.8**
Truck	2.2	.9	4.1
Rail	7.4	1.5	6.8
Shallow draft	9.5	1.2	S
Great Lakes	18.9	.7	19.1
Deep draft	S	S	12.9
Air	11.8	–	2.9
Parcel, U.S. Postal Service or courier	7.1	–	4.7
Pipeline	S	S	S
Other and unknown modes	13.2	.3	11.2

– 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–3. Measures of Reliability for Shipment Characteristics by Mode of Transportation and Distance Shipped for the Division: 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	**1.3**	**–**	**4.5**	**–**	**2.6**	**–**
Less than 50 miles	2.7	.6	6.8	1.3	7.1	.5
50 to 99 miles	3.0	.3	7.0	.6	6.8	.3
100 to 249 miles	2.6	.4	3.5	.5	4.0	.5
250 to 499 miles	3.3	.4	4.2	.4	4.3	.9
500 to 749 miles	2.0	.2	7.5	.4	8.4	1.4
750 to 999 miles	3.6	.2	6.1	.2	6.1	.7
1,000 to 1,499 miles	4.5	.2	5.4	–	5.3	.4
1,500 to 1,999 miles	3.6	.2	5.2	–	5.1	.5
2,000 miles or more	6.3	–	9.0	–	9.2	.2
Single modes	**1.2**	**–**	**4.9**	**–**	**2.7**	**–**
Less than 50 miles	2.5	.6	7.1	1.3	7.4	.5
50 to 99 miles	3.1	.3	7.2	.5	6.9	.3
100 to 249 miles	2.6	.5	3.1	.5	3.6	.4
250 to 499 miles	3.7	.5	4.4	.4	4.8	.9
500 to 749 miles	2.6	.3	7.7	.4	8.7	1.5
750 to 999 miles	4.5	.2	6.0	.2	5.8	.7
1,000 to 1,499 miles	4.1	.2	4.8	–	4.7	.3
1,500 to 1,999 miles	2.8	.1	6.2	–	6.2	.5
2,000 miles or more	8.2	–	11.2	–	11.6	.1
Truck	**1.5**	**–**	**6.2**	**–**	**2.2**	**–**
Less than 50 miles	2.5	.6	8.4	1.2	8.6	.9
50 to 99 miles	3.3	.3	7.8	.6	7.3	.5
100 to 249 miles	2.6	.5	3.0	.4	3.0	.6
250 to 499 miles	4.1	.5	4.0	.4	4.3	.8
500 to 749 miles	2.6	.2	4.1	.2	4.1	.5
750 to 999 miles	5.9	.3	10.1	.1	9.4	.8
1,000 to 1,499 miles	4.2	.1	5.3	–	5.2	.4
1,500 to 1,999 miles	3.7	.1	7.2	–	7.2	.7
2,000 miles or more	7.6	–	9.8	–	9.9	.1
For-hire truck	**2.3**	**–**	**11.1**	**–**	**2.4**	**–**
Less than 50 miles	5.3	.8	18.4	2.4	17.6	1.0
50 to 99 miles	4.1	.3	12.4	1.0	11.3	.5
100 to 249 miles	3.5	.7	3.0	.7	2.8	.5
250 to 499 miles	4.7	.7	4.5	.8	4.8	.8
500 to 749 miles	3.4	.4	4.1	.5	4.1	.7
750 to 999 miles	6.3	.3	5.6	.2	5.6	.5
1,000 to 1,499 miles	5.0	.2	5.9	.1	5.9	.5
1,500 to 1,999 miles	3.9	.2	5.9	.1	6.0	.7
2,000 miles or more	8.4	–	9.6	–	9.7	.1
Private truck	**1.6**	**–**	**5.8**	**–**	**5.4**	**–**
Less than 50 miles	2.2	.9	7.0	1.3	8.5	1.8
50 to 99 miles	4.4	.5	5.9	.7	5.5	.8
100 to 249 miles	4.1	.5	6.0	.6	6.2	1.3
250 to 499 miles	6.4	.4	6.6	.2	6.9	1.0
500 to 749 miles	7.5	.3	12.2	.1	11.5	1.0
750 to 999 miles	11.8	.2	48.8	.2	46.5	2.1
1,000 to 1,499 miles	14.6	.1	11.9	–	13.4	.4
1,500 to 1,999 miles	13.3	.1	35.9	–	35.6	1.6
2,000 miles or more	27.9	–	31.5	–	32.1	.2
Rail	**7.4**	**–**	**6.6**	**–**	**8.0**	**–**
Less than 50 miles	20.7	1.7	17.4	3.7	15.8	.4
50 to 99 miles	14.1	.6	14.2	1.3	13.2	.4
100 to 249 miles	24.2	2.5	10.6	1.8	12.0	1.2
250 to 499 miles	12.9	1.6	10.8	1.8	11.9	2.1
500 to 749 miles	9.3	1.2	18.0	1.9	20.5	2.9
750 to 999 miles	12.9	.8	13.9	.7	13.5	1.4
1,000 to 1,499 miles	16.6	1.3	14.0	.4	13.7	.9
1,500 to 1,999 miles	11.2	1.0	12.2	.3	12.2	1.1
2,000 miles or more	26.6	.3	29.6	–	29.6	.4
Water	**10.3**	**–**	**12.8**	**–**	**8.3**	**–**
Less than 50 miles	33.2	3.9	26.8	2.5	28.3	.1
50 to 99 miles	21.0	.6	33.0	.9	27.8	.2
100 to 249 miles	27.2	1.3	29.6	3.3	24.9	1.6
250 to 499 miles	23.6	3.6	19.9	3.7	18.9	3.3
500 to 749 miles	17.5	5.0	14.9	4.4	15.0	5.2
750 to 999 miles	13.5	4.3	14.6	2.8	14.3	3.5
1,000 to 1,499 miles	–	–	–	–	–	–
1,500 to 1,999 miles	–	–	–	–	–	–
2,000 miles or more	S	S	S	S	S	S
Shallow draft	**11.8**	**–**	**15.5**	**–**	**10.1**	**–**
Less than 50 miles	43.4	3.5	33.6	3.2	30.2	.2
50 to 99 miles	S	S	S	S	S	S
100 to 249 miles	35.0	2.4	S	S	38.0	1.0
250 to 499 miles	29.2	4.1	24.5	3.3	24.8	2.5
500 to 749 miles	18.7	5.7	15.9	4.8	16.0	5.2
750 to 999 miles	13.5	4.7	14.6	4.1	14.3	4.6
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 Division: 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	**28.8**	**–**	**21.8**	**–**	**21.5**	**–**
Less than 50 miles	S	S	S	S	S	S
50 to 99 miles	16.8	5.1	38.4	3.1	34.4	1.7
100 to 249 miles	31.1	5.2	26.8	4.9	26.3	4.8
250 to 499 miles	42.2	5.0	26.7	5.6	25.8	6.8
500 to 749 miles	S	S	S	S	S	S
750 to 999 miles	–	–	–	–	–	–
1,000 to 1,499 miles	–	–	–	–	–	–
1,500 to 1,999 miles	–	–	–	–	–	–
2,000 miles or more	–	–	–	–	–	–
Deep draft	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 miles	S	S	S	S	S	S
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	S	S	S	S	S	S
Air (includes truck and air)	**7.9**	**–**	**16.4**	**–**	**11.8**	**–**
Less than 50 miles	–	–	–	–	–	–
50 to 99 miles	23.8	1.5	27.1	1.3	25.0	.3
100 to 249 miles	17.2	2.0	33.4	4.3	27.1	1.7
250 to 499 miles	13.9	1.6	24.3	1.9	24.6	1.8
500 to 749 miles	12.0	1.9	19.0	2.4	18.5	2.4
750 to 999 miles	8.9	1.0	31.8	2.9	29.2	3.1
1,000 to 1,499 miles	11.0	1.1	20.5	1.9	19.5	2.6
1,500 to 1,999 miles	14.4	1.9	18.0	2.0	19.9	3.2
2,000 miles or more	16.1	.6	38.9	1.6	44.9	3.8
Pipeline	**20.8**	**–**	**21.3**	**–**	**S**	**S**
Less than 50 miles	19.3	6.3	20.2	5.7	S	S
50 to 99 miles	41.5	4.6	30.6	3.3	S	S
100 to 249 miles	32.4	4.8	31.4	4.8	S	S
250 to 499 miles	S	S	S	S	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
2,000 miles or more	–	–	–	–	S	S
Multiple modes	**4.0**	**–**	**9.5**	**–**	**7.4**	**–**
Less than 50 miles	6.1	.9	25.9	1.6	38.7	.4
50 to 99 miles	5.6	.3	S	S	49.7	1.0
100 to 249 miles	5.6	.6	15.5	3.5	17.5	2.4
250 to 499 miles	5.9	.6	21.5	4.2	21.4	3.9
500 to 749 miles	6.3	.7	21.0	3.1	19.5	3.1
750 to 999 miles	6.1	.5	24.0	1.2	28.1	2.6
1,000 to 1,499 miles	11.1	.7	18.1	.6	17.7	.9
1,500 to 1,999 miles	7.3	.5	5.5	1.1	5.6	1.9
2,000 miles or more	11.9	.2	22.2	.3	20.8	1.0
Parcel, U.S. Postal Service or courier	**4.5**	**–**	**4.4**	**–**	**7.1**	**–**
Less than 50 miles	5.9	.8	8.0	1.2	7.2	–
50 to 99 miles	5.8	.4	5.7	.4	6.3	.1
100 to 249 miles	4.4	.7	4.4	.8	4.4	.4
250 to 499 miles	5.9	.5	6.3	.7	6.7	.5
500 to 749 miles	7.6	.6	9.2	.8	9.1	.7
750 to 999 miles	7.4	.5	10.6	.7	10.3	1.0
1,000 to 1,499 miles	5.0	.2	6.6	.3	6.6	.6
1,500 to 1,999 miles	12.0	.5	14.2	.6	14.3	1.3
2,000 miles or more	10.9	.1	10.5	.1	9.7	.4
Truck and rail	**13.5**	**–**	**29.1**	**–**	**7.4**	**–**
Less than 50 miles	32.6	.6	S	S	S	S
50 to 99 miles	38.4	.6	S	S	S	S
100 to 249 miles	28.8	1.0	S	S	S	S
250 to 499 miles	20.7	2.3	17.3	2.0	17.6	1.0
500 to 749 miles	17.6	1.9	12.0	1.6	12.0	.9
750 to 999 miles	15.6	1.0	15.3	1.8	14.8	1.4
1,000 to 1,499 miles	28.9	2.1	23.7	1.6	22.7	1.8
1,500 to 1,999 miles	10.4	3.0	6.2	3.4	6.2	2.7
2,000 miles or more	19.3	1.1	25.6	1.7	25.0	2.2
Truck and water	**31.5**	**–**	**30.6**	**–**	**31.5**	**–**
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	47.0	3.8	S	S
250 to 499 miles	S	S	41.4	13.5	39.3	13.8
500 to 749 miles	S	S	S	S	S	S
750 to 999 miles	S	S	S	S	S	S
1,000 to 1,499 miles	S	S	S	S	S	S
1,500 to 1,999 miles	–	–	–	–	–	–
2,000 miles or more	33.8	11.5	32.4	14.3	37.2	14.3

See footnotes at end of table.

Table B–3. **Measures of Reliability for Shipment Characteristics by Mode of Transportation and Distance Shipped for the Division: 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	**28.7**	**–**	**28.4**	**–**	**27.6**	**–**
Less than 50 miles	–	–	–	–	–	–
50 to 99 miles	–	–	–	–	–	–
100 to 249 miles	38.2	6.8	39.1	7.0	42.6	6.7
250 to 499 miles	S	S	49.1	8.5	47.7	8.4
500 to 749 miles	34.5	7.5	44.4	7.6	43.2	8.2
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	S	S	S	S	S	S
Other multiple modes	**40.3**	**–**	**26.8**	**–**	**35.6**	**–**
Less than 50 miles	42.9	8.7	41.5	8.6	S	S
50 to 99 miles	37.5	5.1	S	S	S	S
100 to 249 miles	S	S	29.2	10.2	30.7	9.5
250 to 499 miles	S	S	S	S	S	S
500 to 749 miles	S	S	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	S	S	S	S	S	S
2,000 miles or more	S	S	S	S	S	S
Other and unknown modes	**13.9**	**–**	**19.3**	**–**	**13.2**	**–**
Less than 50 miles	12.3	3.2	25.1	4.8	17.6	1.2
50 to 99 miles	12.5	1.0	24.2	1.2	23.8	.5
100 to 249 miles	13.0	1.2	S	S	43.8	2.7
250 to 499 miles	20.9	1.0	17.1	1.0	15.7	1.9
500 to 749 miles	24.4	.9	24.5	.5	23.7	2.0
750 to 999 miles	22.2	.5	25.2	1.5	25.6	2.7
1,000 to 1,499 miles	S	S	39.6	1.3	40.4	2.9
1,500 to 1,999 miles	35.5	.9	34.8	1.0	34.0	2.5
2,000 miles or more	23.3	.2	29.3	.3	29.3	3.0

– 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–4. Measures of Reliability for Shipment Characteristics by Mode of Transportation and Shipment Size for the Division: 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	**1.3**	**–**	**4.5**	**–**	**2.6**	**–**	**4.8**
Less than 50 lb	3.8	.3	5.0	–	6.9	–	4.8
50 to 99 lb	5.7	.2	5.1	–	7.4	–	4.9
100 to 499 lb	2.5	.2	4.1	–	3.7	–	3.6
500 to 749 lb	4.6	.1	3.9	–	16.7	–	9.4
750 to 999 lb	3.4	–	3.1	–	2.7	–	2.3
1,000 to 9,999 lb	2.9	.6	5.7	.4	4.3	.4	3.0
10,000 to 49,999 lb	2.1	.6	4.3	1.6	2.4	.9	3.3
50,000 to 99,999 lb	10.7	.7	8.8	1.2	6.6	.5	4.1
100,000 lb or more	6.1	.4	11.5	2.1	4.5	1.0	14.4
Single modes	**1.2**	**–**	**4.9**	**–**	**2.7**	**–**	**3.8**
Less than 50 lb	4.6	.1	6.3	–	9.9	–	8.2
50 to 99 lb	6.9	.1	5.5	–	12.3	–	12.0
100 to 499 lb	2.9	.2	4.4	–	4.4	–	4.5
500 to 749 lb	5.1	.2	4.1	–	18.2	.1	10.0
750 to 999 lb	3.4	–	3.3	–	2.8	–	2.5
1,000 to 9,999 lb	2.5	.6	5.9	.5	4.2	.3	3.0
10,000 to 49,999 lb	2.2	.7	4.5	1.7	2.5	.9	3.4
50,000 to 99,999 lb	11.0	.8	9.1	1.2	6.9	.5	3.5
100,000 lb or more	6.5	.4	12.5	2.1	4.5	1.0	14.5
Truck	**1.5**	**–**	**6.2**	**–**	**2.2**	**–**	**4.1**
Less than 50 lb	6.0	.2	6.6	–	10.9	–	10.7
50 to 99 lb	7.8	.1	5.5	–	12.9	–	13.2
100 to 499 lb	3.1	.2	4.5	–	4.4	–	4.9
500 to 749 lb	5.3	.2	4.1	–	18.6	.2	10.3
750 to 999 lb	3.6	–	3.3	–	2.9	–	2.5
1,000 to 9,999 lb	2.4	.6	6.1	.7	4.5	.6	3.0
10,000 to 49,999 lb	2.4	.7	4.5	2.1	2.7	1.2	3.4
50,000 to 99,999 lb	9.3	.6	9.2	1.3	7.5	.7	3.1
100,000 lb or more	10.6	.2	32.8	2.4	13.4	.9	26.4
For-hire truck	**2.3**	**–**	**11.1**	**–**	**2.4**	**–**	**5.6**
Less than 50 lb	14.5	.2	17.0	–	16.1	–	15.7
50 to 99 lb	16.0	.1	13.2	–	17.7	–	8.3
100 to 499 lb	5.6	.3	6.3	–	5.5	–	3.7
500 to 749 lb	9.1	.3	8.3	–	22.2	.2	8.4
750 to 999 lb	5.4	.1	3.9	–	3.9	–	3.3
1,000 to 9,999 lb	3.2	.8	8.0	.7	5.2	.7	3.3
10,000 to 49,999 lb	3.3	.9	3.8	2.6	2.6	1.3	3.5
50,000 to 99,999 lb	7.7	.4	10.4	1.6	7.9	.6	5.2
100,000 lb or more	15.0	.2	S	S	21.8	1.2	43.8
Private truck	**1.6**	**–**	**5.8**	**–**	**5.4**	**–**	**3.2**
Less than 50 lb	5.1	.3	8.3	–	9.6	–	7.7
50 to 99 lb	5.5	.1	7.0	–	5.4	–	4.2
100 to 499 lb	3.1	.3	5.7	–	4.3	–	5.7
500 to 749 lb	3.8	.1	4.6	–	5.8	–	5.4
750 to 999 lb	5.4	.1	4.7	–	4.8	–	6.8
1,000 to 9,999 lb	1.9	.7	5.4	.8	4.5	.7	3.7
10,000 to 49,999 lb	3.0	.8	7.9	1.9	8.3	2.2	5.4
50,000 to 99,999 lb	14.6	1.0	10.5	1.7	9.1	1.6	5.9
100,000 lb or more	14.8	.2	15.4	1.4	22.5	2.0	30.9
Rail	**7.4**	**–**	**6.6**	**–**	**8.0**	**–**	**6.6**
Less than 50 lb	S	S	S	S	S	S	S
50 to 99 lb	S	S	S	S	43.1	–	S
100 to 499 lb	48.5	.1	49.5	–	33.0	–	S
500 to 749 lb	34.3	–	43.4	–	31.3	–	S
750 to 999 lb	46.6	–	42.0	–	41.8	–	29.0
1,000 to 9,999 lb	28.6	2.4	24.4	–	28.8	.2	9.9
10,000 to 49,999 lb	17.0	3.1	14.5	.3	16.9	.9	4.9
50,000 to 99,999 lb	25.3	3.4	9.6	.4	10.2	.6	7.6
100,000 lb or more	9.8	4.1	6.8	.5	8.7	1.1	3.8
Water	**10.3**	**–**	**12.8**	**–**	**8.3**	**–**	**S**
Less than 50 lb	S	S	S	S	S	S	22.4
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	21.9
750 to 999 lb	S	S	S	S	S	S	22.4
1,000 to 9,999 lb	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	22.4
100,000 lb or more	10.4	1.5	12.9	.7	8.3	–	6.9
Shallow draft	**11.8**	**–**	**15.5**	**–**	**10.1**	**–**	**S**
Less than 50 lb	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	S
500 to 749 lb	S	S	S	S	S	S	22.4
750 to 999 lb	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	S	S	S	S	S	21.4
50,000 to 99,999 lb	S	S	S	S	S	S	22.4
100,000 lb or more	12.0	1.7	15.7	.9	10.1	–	8.2

See footnote at end of table.

Table B–4. **Measures of Reliability for Shipment Characteristics by Mode of Transportation and Shipment Size for the Division: 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	**28.8**	**–**	**21.8**	**–**	**21.5**	**–**	**13.6**
Less than 50 lb	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–
500 to 749 lb	S	S	S	S	S	S	22.4
750 to 999 lb	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	22.4
10,000 to 49,999 lb	S	S	S	S	S	S	22.4
50,000 to 99,999 lb	–	–	–	–	–	–	–
100,000 lb or more	28.8	–	21.8	–	21.5	–	13.4
Deep draft	**S**	**S**	**S**	**S**	**S**	**S**	**22.5**
Less than 50 lb	S	S	S	S	S	S	22.4
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–
750 to 999 lb	S	S	S	S	S	S	22.4
1,000 to 9,999 lb	S	S	S	S	S	S	22.4
10,000 to 49,999 lb	S	S	S	S	S	S	22.4
50,000 to 99,999 lb	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–
Air (includes truck and air)	**7.9**	**–**	**16.4**	**–**	**11.8**	**–**	**2.8**
Less than 50 lb	10.2	2.0	11.3	1.5	13.8	1.6	2.9
50 to 99 lb	10.4	.9	14.7	.7	15.2	.8	4.7
100 to 499 lb	8.3	1.6	10.3	2.5	15.0	2.2	5.1
500 to 749 lb	19.1	.7	20.7	.9	26.2	1.2	9.2
750 to 999 lb	26.5	.7	16.0	.6	17.6	.5	9.8
1,000 to 9,999 lb	14.0	1.5	13.5	2.7	16.4	2.8	8.3
10,000 to 49,999 lb	28.0	1.3	28.8	6.0	26.9	5.7	19.6
50,000 to 99,999 lb	S	S	43.7	.8	S	S	20.0
100,000 lb or more	S	S	S	S	47.2	.5	22.5
Pipeline	**20.8**	**–**	**21.3**	**–**	**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
750 to 999 lb	–	–	–	–	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	S	S	S	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	S
100,000 lb or more	20.9	.9	21.4	.3	S	S	S
Multiple modes	**4.0**	**–**	**9.5**	**–**	**7.4**	**–**	**4.7**
Less than 50 lb	4.2	1.7	5.6	.6	8.1	.4	4.9
50 to 99 lb	8.1	.5	7.5	.3	8.5	.2	2.3
100 to 499 lb	6.6	.7	4.8	.4	8.7	.3	4.3
500 to 749 lb	11.9	.2	10.4	–	13.7	–	8.6
750 to 999 lb	19.8	.2	24.5	.1	17.4	–	21.8
1,000 to 9,999 lb	18.9	1.5	14.2	1.0	16.4	1.1	18.0
10,000 to 49,999 lb	15.1	1.3	9.5	2.9	8.5	3.5	2.8
50,000 to 99,999 lb	S	S	35.1	.5	42.0	.7	24.1
100,000 lb or more	26.4	.3	13.2	4.9	12.9	4.0	9.4
Parcel, U.S. Postal Service or courier	**4.5**	**–**	**4.4**	**–**	**7.1**	**–**	**4.7**
Less than 50 lb	4.2	1.0	5.6	1.2	8.1	1.6	4.9
50 to 99 lb	8.1	.6	7.5	.6	8.6	.7	2.3
100 to 499 lb	6.7	.7	4.9	.9	8.9	1.2	4.4
500 to 749 lb	11.6	.2	10.0	.5	11.7	.5	9.3
750 to 999 lb	20.9	.2	25.3	.8	16.5	.3	22.3
1,000 to 9,999 lb	38.4	–	30.2	–	46.3	–	24.5
10,000 to 49,999 lb	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–
Truck and rail	**13.5**	**–**	**29.1**	**–**	**7.4**	**–**	**6.6**
Less than 50 lb	S	S	27.9	–	31.3	–	12.3
50 to 99 lb	38.6	–	36.7	–	38.8	–	16.3
100 to 499 lb	43.9	.5	30.3	–	31.8	–	11.2
500 to 749 lb	43.0	–	S	S	S	S	15.8
750 to 999 lb	S	S	33.2	–	45.9	–	14.7
1,000 to 9,999 lb	20.7	5.8	19.9	2.9	18.1	2.3	11.3
10,000 to 49,999 lb	15.2	5.3	9.6	6.4	8.6	3.9	2.9
50,000 to 99,999 lb	S	S	41.6	2.6	40.0	1.8	26.6
100,000 lb or more	26.1	.7	S	S	27.1	3.0	15.1
Truck and water	**31.5**	**–**	**30.6**	**–**	**31.5**	**–**	**17.8**
Less than 50 lb	S	S	S	S	S	S	30.0
50 to 99 lb	S	S	S	S	S	S	21.9
100 to 499 lb	49.3	3.9	46.3	3.1	44.7	3.0	19.9
500 to 749 lb	S	S	S	S	S	S	24.0
750 to 999 lb	S	S	48.3	.8	S	S	21.2
1,000 to 9,999 lb	43.9	9.1	42.6	9.9	S	S	15.3
10,000 to 49,999 lb	S	S	S	S	S	S	36.8
50,000 to 99,999 lb	S	S	S	S	S	S	22.1
100,000 lb or more	43.3	11.7	31.0	15.0	32.1	14.9	35.0

See footnote at end of table.

Table B–4. **Measures of Reliability for Shipment Characteristics by Mode of Transportation and Shipment Size for the Division: 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	**28.7**	**–**	**28.4**	**–**	**27.6**	**–**	**24.2**
Less than 50 lb	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–
100 to 499 lb	–	–	–	–	–	–	–
500 to 749 lb	S	S	S	S	S	S	22.4
750 to 999 lb	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	22.4
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	22.4
100,000 lb or more	28.6	5.1	28.2	5.1	27.3	5.1	18.3
Other multiple modes	**40.3**	**–**	**26.8**	**–**	**35.6**	**–**	**S**
Less than 50 lb	S	S	S	S	S	S	20.8
50 to 99 lb	S	S	S	S	S	S	22.4
100 to 499 lb	49.4	.5	S	S	S	S	26.4
500 to 749 lb	S	S	S	S	S	S	S
750 to 999 lb	S	S	S	S	S	S	21.2
1,000 to 9,999 lb	44.2	9.4	46.1	9.9	S	S	S
10,000 to 49,999 lb	46.9	1.7	S	S	S	S	45.0
50,000 to 99,999 lb	–	–	–	–	–	–	–
100,000 lb or more	S	S	28.4	13.8	36.0	13.6	18.4
Other and unknown modes	**13.9**	**–**	**19.3**	**–**	**13.2**	**–**	**11.2**
Less than 50 lb	7.7	1.3	9.0	–	11.1	–	15.2
50 to 99 lb	8.7	.4	13.5	–	15.3	–	22.3
100 to 499 lb	6.2	.8	7.8	.3	21.0	.3	30.0
500 to 749 lb	22.4	.5	11.8	.1	16.5	–	15.3
750 to 999 lb	20.3	.3	14.1	.1	24.5	–	20.2
1,000 to 9,999 lb	16.1	3.2	10.9	2.6	8.5	2.0	15.1
10,000 to 49,999 lb	11.9	2.5	15.3	4.2	11.4	4.9	13.7
50,000 to 99,999 lb	S	S	27.7	2.7	28.8	2.8	16.2
100,000 lb or more	15.4	1.3	29.0	6.0	31.0	5.6	36.3

– 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 Division: 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	**1.3**	**–**	**4.5**	**–**	**2.6**	**–**	**4.8**
01	Live animals and live fish	30.2	–	28.8	–	34.5	–	14.0
02	Cereal grains	9.4	–	8.2	.6	9.4	.9	19.6
03	Other agricultural products	7.3	–	7.3	.2	15.7	.8	17.1
04	Animal feed and products of animal origin, n.e.c.	10.4	–	7.9	.2	10.7	.3	20.7
05	Meat, fish, seafood, and their preparations	8.4	.2	7.4	–	11.0	.1	27.9
06	Milled grain products and preparations, and bakery products	5.9	.1	10.0	–	12.2	.3	27.3
07	Other prepared foodstuffs and fats and oils	3.5	.2	4.9	.2	7.3	.5	20.2
08	Alcoholic beverages	7.5	–	11.4	–	30.4	.1	8.0
09	Tobacco products	14.9	–	16.9	–	36.1	–	16.1
10	Monumental or building stone	35.6	–	33.9	–	15.9	–	42.2
11	Natural sands	27.0	–	32.3	1.1	21.7	.3	19.9
12	Gravel and crushed stone	8.7	–	7.7	1.4	13.6	.7	7.8
13	Nonmetallic minerals n.e.c.	12.7	–	23.6	.6	21.4	.3	25.1
14	Metallic ores and concentrates	19.8	–	31.8	.2	42.2	.3	10.5
15	Coal	11.7	–	12.4	.8	14.7	.8	16.8
17	Gasoline and aviation turbine fuel	16.0	.5	13.6	1.0	25.6	.6	8.6
18	Fuel oils	10.3	.1	11.4	.4	12.6	.1	10.3
19	Coal and petroleum products, n.e.c.	14.0	.1	16.0	.6	18.0	.4	22.6
20	Basic chemicals	5.7	–	16.9	.3	15.5	.3	23.6
21	Pharmaceutical products	16.0	.4	12.9	–	14.9	–	9.6
22	Fertilizers	39.5	.1	44.1	.6	S	S	21.9
23	Chemical products and preparations, n.e.c.	6.7	.2	9.3	.1	7.6	.3	8.7
24	Plastics and rubber	4.7	.2	5.0	–	5.1	.1	6.5
25	Logs and other wood in the rough	15.7	–	21.2	–	25.7	–	15.8
26	Wood products	6.6	–	17.6	.3	9.6	.1	11.0
27	Pulp, newsprint, paper, and paperboard	10.1	.2	31.9	.5	14.9	.5	14.4
28	Paper or paperboard articles	6.2	–	7.1	–	8.8	–	8.9
29	Printed products	8.9	.3	10.6	–	21.9	.3	12.3
30	Textiles, leather, and articles of textiles or leather	12.6	.2	16.4	–	29.0	.1	4.7
31	Nonmetallic mineral products	3.0	–	44.6	2.4	15.8	.6	15.3
32	Base metal in primary or semifinished forms and in finished basic shapes	4.6	.3	9.7	.9	6.6	.7	4.9
33	Articles of base metal	6.7	.3	7.3	.1	11.5	.3	9.2
34	Machinery	4.1	.4	6.5	–	13.0	.4	5.9
35	Electronic and other electrical equipment and components and office equipment	5.2	.4	5.2	–	6.3	–	4.4
36	Motorized and other vehicles (including parts)	5.9	1.0	8.0	.2	7.0	.4	10.6
37	Transportation equipment, n.e.c.	11.7	–	19.4	–	26.0	–	4.9
38	Precision instruments and apparatus	5.5	–	11.6	–	12.5	–	5.4
39	Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	7.7	.1	13.1	–	18.9	.1	7.1
40	Miscellaneous manufactured products	4.9	.3	5.8	–	12.4	.2	4.7
41	Waste and scrap	11.1	–	11.4	.3	6.4	.1	11.9
43	Mixed freight	9.5	.2	11.7	–	11.0	–	16.9
--	Commodity unknown	13.4	–	24.5	–	24.1	–	13.5

– 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 Division: 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	**1.3**	**–**	**4.5**	**–**	**2.6**	**–**	**4.8**
010	Live animals and live fish	30.2	–	28.8	–	34.5	–	14.0
021	Wheat	30.8	–	28.6	.2	25.4	.3	S
022	Corn, except sweet	9.5	–	8.9	.5	10.8	.9	18.5
029	Other cereal grains	44.8	–	23.6	–	31.8	–	24.5
031	Fresh or chilled potatoes (Irish potatoes), except sweet	35.2	–	40.1	–	44.2	–	18.4
032	Fresh or chilled edible vegetables, except potatoes (Irish potatoes), and dried vegetables	21.8	–	26.5	–	31.0	–	38.4
033	Fresh, chilled, or dried edible fruit and nuts	31.1	–	49.4	–	34.2	–	19.3
034	Soya beans	8.4	–	8.5	.2	16.5	.8	10.8
035	Oil seeds and nuts, except olives and soya beans	44.6	–	39.9	–	S	S	20.8
036	Bulbs, live plants, and seeds for sowing, n.e.c.	19.0	–	45.1	–	36.5	–	15.5
039	Fresh-cut flowers, plants, and parts of plants, and other agricultural products, except forage products and cereal straw or husks	21.3	–	41.5	–	S	S	39.6
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.	20.9	–	13.1	.1	16.9	.3	12.8
042	Animal feed preparations	12.9	–	12.4	.1	15.2	.2	24.3
051	Meat including poultry, except preparations	8.6	.1	7.5	–	11.3	.1	26.6
052	Fish, except live, and seafood, except preparations	25.4	–	19.6	–	36.0	–	S
053	Preparations, extracts, and juices of meat, fish, or seafood	32.7	–	30.7	–	38.5	–	S
061	Wheat flour, groats, and meal	23.9	–	29.6	–	22.9	–	24.2
062	Malt, starches, inulin, wheat gluten, and milled or otherwise worked grains, except wheat flour, groats, and meal	13.7	–	19.8	–	23.8	.3	15.7
063	Food preparations of cereals, flour, starch, or milk	15.9	.1	12.5	–	13.3	–	11.2
064	Bakery products	8.2	–	10.0	–	13.8	–	31.0
071	Dairy products, except chocolate milk, eggnog, and food preparations of milk	8.0	.1	11.0	–	8.8	.1	40.4
072	Processed or prepared vegetables, fruit, or nuts, except dried or milled, and juices	9.6	–	10.4	–	13.2	.1	19.1
073	Coffee, tea, and spices, except unprocessed coffee and unfermented tea	28.7	–	39.7	–	S	S	S
074	Animal or vegetable fats and oils and their cleavage products, prepared edible fats, animal or vegetable waxes, and flours and meals	9.7	–	12.2	–	17.0	.3	10.5
075	Cane, beet, and other sugars in solid form, sugar syrups not containing added flavoring or coloring matter, and molasses	26.9	–	27.5	.1	26.1	.4	13.6
076	Confectionery, cocoa, and cocoa preparations	11.2	–	23.5	–	18.6	–	14.6
077	Edible preparations, n.e.c. and vinegar	10.1	.1	15.4	–	14.1	.2	11.8
078	Nonalcoholic beverages, n.e.c. and ice	7.5	–	8.5	.1	13.1	–	11.2
081	Malt Beer	8.7	–	9.7	–	23.0	–	6.4
082	Wine and other fermented beverages	21.6	–	15.2	–	26.0	–	7.1
083	Spirituous beverages and ethyl alcohol	12.5	–	21.2	–	45.0	–	12.6
090	Tobacco products	14.9	–	16.9	–	36.1	–	16.1
100	Monumental or building stone, except dolomite	35.6	–	33.9	–	15.9	–	42.2
110	Natural sands, except metal-bearing	27.0	–	32.3	1.1	21.7	.3	19.9
120	Gravel and crushed stone, except dolomite and slate	8.7	–	7.7	1.4	13.6	.7	7.8
131	Salt	16.5	–	29.6	–	32.6	–	26.1
132	Natural calcium phosphates, natural aluminum-calcium phosphates, and phosphatic chalk	44.5	–	38.7	–	49.5	–	39.6
133	Dolomite	34.5	–	32.5	.7	35.6	.3	S
139	Other nonmetallic minerals	16.4	–	19.0	–	20.7	.1	19.8
141	Iron ores and concentrates	30.7	–	33.8	.2	46.5	.3	16.9
149	Other metallic ores and concentrates	18.2	–	40.5	–	45.3	–	13.4
151	Nonagglomerated bituminous coal	12.5	–	12.7	.8	14.8	.8	18.7
159	Other coal	44.2	–	S	S	S	S	S
171	Gasoline	16.2	.4	13.5	.9	20.4	.4	8.7
172	Aviation turbine fuel (types A and B)	42.7	–	43.4	.2	S	S	S
180	Fuel oils	10.3	.1	11.4	.4	12.6	.1	10.3
191	Lubricating oils and greases	23.8	–	19.6	–	18.9	–	23.6
192	Refined petroleum oils and oils obtained from bituminous minerals, n.e.c.	34.4	–	S	S	47.7	.2	39.7
193	Gaseous hydrocarbons	20.8	–	18.8	–	27.0	.1	29.2
199	Other products of petroleum refining, and coal products	26.4	–	19.3	.5	20.6	.2	42.2
201	Sodium hydroxide (caustic soda) and potassium hydroxide (caustic potash)	19.2	–	25.1	–	25.4	–	15.2
202	Inorganic chemicals, n.e.c.	9.2	–	22.5	.3	24.5	.3	29.3
203	Cyclic hydrocarbons	44.3	–	S	S	S	S	23.9
204	Phenols, phenol-alcohols, aldehydes, cyclic polymers of aldehydes, paraformaldehyde, ketones, quinones, organic acids, and acyclic alcohols	20.7	–	27.3	–	28.4	–	23.8
205	Organic chemicals, n.e.c.	14.5	–	17.8	–	20.7	–	14.2
210	Pharmaceutical products	16.0	.4	12.9	–	14.9	–	9.6
220	Fertilizers and fertilizer materials	39.5	.1	44.1	.6	S	S	21.9
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	11.2	–	10.5	–	8.4	–	13.5
232	Essential oils and resinoids, and perfumery, cosmetic, or toilet preparations	23.2	.1	25.9	–	26.2	–	20.3
233	Soap, organic surface-active agents, cleaning preparations, polishes and creams, and scouring preparations	10.7	.1	17.5	–	12.4	.2	12.1
234	Photographic film, plates, paper, paperboard, or textiles, and chemical preparations for photographic use	43.8	.1	47.7	–	34.6	–	17.2
235	Insecticides, rodenticides, fungicides, herbicides, antisprouting products, plant-growth regulators, disinfectants, and similar products, in packages for retail sale or as preparations or articles	20.6	–	20.4	–	43.6	–	28.4
239	Other chemical products and preparations	10.6	–	11.4	–	13.5	.1	14.7
241	Plastics in primary forms, rubber in primary forms or sheets, and unvulcanized compounded rubber	11.3	–	12.1	–	14.3	–	9.0
242	Manmade fibers and plastics basic shapes and articles	4.9	.1	5.4	–	5.8	.1	6.4

See footnotes at end of table.

Table B–6. **Measures of Reliability for Shipment Characteristics by Three-Digit Commodity for the Division: 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	12.4	.1	17.7	–	20.1	–	9.7
250	Logs and other wood in the rough	15.7	–	21.2	–	25.7	–	15.8
261	Wood chips or particles	26.2	–	47.6	.1	33.4	–	S
262	Lumber, wood continuously shaped along any of its edges or faces, and shingles and shakes	11.2	–	16.6	–	14.6	–	18.2
263	Veneer sheets and sheets for plywood, particle board, fiberboard, plywood, veneered panels, and similar boards of ligneous material or laminated wood	8.0	–	10.7	–	9.1	–	11.3
264	Builders' joinery and carpentry of wood, except shingles and shakes	12.8	–	21.0	–	17.0	–	10.9
269	Other wood products	16.3	–	18.7	–	31.0	–	13.1
271	Pulp of fibrous cellulosic materials	35.6	–	S	S	S	S	18.8
272	Newsprint in large rolls or sheets	36.7	–	32.6	–	44.1	–	19.1
273	Uncoated paper and paperboard in large rolls or sheets	9.3	–	16.9	.1	20.9	.4	17.7
274	Coated, impregnated, treated, or worked paper and paperboard, in large rolls or sheets	14.0	.1	10.2	–	12.0	.1	10.6
280	Paper or paperboard articles	6.2	–	7.1	–	8.8	–	8.9
291	Printed books, brochures, leaflets, and similar printed products	16.8	.2	25.0	–	43.9	.3	6.5
292	Newspapers, journals, and periodicals	11.4	–	13.9	–	16.6	–	24.5
293	Advertising material, commercial or trade catalogues, and similar printed products	8.3	–	14.2	–	16.6	–	7.5
299	Other printed products	10.8	–	14.2	–	20.0	–	7.4
301	Textile fibers, yarns, and broadwoven or knitted fabrics, except coated or treated	14.6	–	21.6	–	28.5	–	9.6
302	Textile clothing and accessories, and headgear, except safety	20.7	.2	40.6	–	S	S	5.6
303	Textiles and textile articles, n.e.c.	16.5	.1	11.6	–	16.6	–	9.6
304	Footwear	42.9	.1	40.2	–	S	S	8.9
305	Leather and articles, luggage of related materials, and dressed furskins and articles	11.2	–	13.8	–	18.7	–	7.2
311	Hydraulic cements	18.7	–	21.8	.1	37.5	.2	10.9
312	Ceramic products	11.0	–	40.0	.2	22.8	.1	10.3
313	Glass and glass products	7.1	–	8.4	–	10.0	–	11.6
319	Other nonmetallic mineral products	7.5	–	S	S	22.5	.5	21.5
321	Iron and steel in primary forms, in semifinished forms, or in powders or granules, and ferroalloys	12.1	–	12.3	–	19.9	.2	10.7
322	Flat-rolled products of iron or steel	8.7	.3	13.9	.9	11.2	.7	6.0
323	Bars, rods, angles, shapes, sections, and wire, of iron or steel	12.7	.2	14.1	.2	11.9	.2	7.4
324	Nonferrous metal, except precious, in unwrought forms, in finished basic shapes, or in powders or granules	6.5	.1	8.8	–	12.2	.1	8.9
331	Pipes, tubes, and fittings	9.6	.1	12.7	–	19.9	.2	8.3
332	Structures and parts, except prefabricated buildings	11.6	–	13.7	–	11.9	–	8.8
333	Handtools, cutlery, except of precious metals, interchangeable tools for hand- or machine-tools, hardware, and industrial fasteners	16.9	.3	20.6	–	26.1	.2	9.4
339	Other articles of metal	8.5	–	9.2	–	8.3	–	8.5
341	Internal-combustion piston engines	9.7	.2	13.5	–	19.0	.1	12.6
342	Turbines, boilers, nuclear reactors, and nonelectric engines and motors, except internal-combustion piston engines	21.4	–	32.6	–	32.7	–	15.0
343	Pumps, compressors, and fans, and ventilating or recycling hoods incorporating a fan	7.4	–	9.3	–	12.3	–	5.3
344	Air-conditioning, refrigerating, or freezing equipment	9.7	–	12.3	–	24.7	–	12.0
345	Materials-handling, excavating, boring, and related machinery and equipment	12.2	–	14.3	–	18.4	–	10.4
349	Other machinery	5.5	.2	8.8	–	19.9	.2	7.6
351	Electric motors, generators, generating sets, rotary converters, transformers, static converters, and inductors	8.3	–	11.3	–	12.0	–	10.6
352	Electric cooking appliances and other electrothermic or electromechanical domestic appliances	28.9	.1	31.4	–	29.3	–	10.0
353	Line telephone or telegraph apparatus	22.9	–	34.6	–	40.5	–	12.0
354	Electronic entertainment products, except parts	15.8	–	18.5	–	24.4	–	11.1
355	Computer and office equipment	14.8	.2	15.4	–	16.6	–	7.2
356	Prepared unrecorded or prerecorded media	19.4	–	22.6	–	21.9	–	7.6
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	38.4	.2	27.3	–	41.6	–	6.9
358	Electronic components and parts	12.1	–	23.4	–	23.4	–	7.0
359	Other electronic and electrical equipment	8.7	.3	7.3	–	9.0	–	7.7
361	Motor vehicles for the transport of less than 10 people, except motorcycles, armored fighting vehicles, snowmobiles, golf carts and similar vehicles, and parts	12.9	.9	22.4	.1	16.7	.3	11.7
362	Motor vehicles for the transport of goods and road tractors for semitrailers, except parts	22.9	–	19.1	–	28.0	–	25.4
363	Other vehicles	10.2	.2	7.9	–	8.2	–	11.2
364	Parts and accessories for motor vehicles, except motorcycles and armored fighting vehicles	6.7	.6	7.6	.1	7.6	.2	11.7
371	Locomotives and rolling stock, railway track fixtures and fittings, mechanical or electromechanical traffic-signalling equipment, and intermodal containers	14.0	–	17.8	–	20.0	–	11.3
372	Aircraft and spacecraft	18.3	–	26.8	–	23.9	–	4.9
373	Ships, boats, and floating structures	18.4	–	S	S	S	S	15.6
381	Optical elements, instruments, and apparatus, except photographic and photocopying equipment and optical instruments and apparatus for measuring or checking	20.6	–	26.0	–	33.7	–	14.2
382	Photographic and photocopying machines	16.3	–	30.2	–	43.6	–	11.1
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	32.3	–	33.2	–	43.9	–	S
384	Instruments, apparatus, and appliances for medical, surgical, dental, or veterinary sciences, or for similar purposes	10.9	–	11.6	–	16.1	–	5.4

See footnotes at end of table.

Table B–6. **Measures of Reliability for Shipment Characteristics by Three-Digit Commodity for the Division: 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	9.0	–	17.9	–	14.5	–	8.0
390	Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	7.7	.1	13.1	–	18.9	.1	7.1
401	Arms and ammunition	18.0	–	45.2	–	40.9	–	5.7
402	Toys, games, and sporting equipment	10.6	–	17.6	–	14.5	–	4.6
409	Miscellaneous manufactured products	5.5	.3	6.6	–	13.9	.2	5.5
411	Metallic waste and scrap	13.0	–	12.4	.3	8.5	.1	10.4
412	Nonmetallic waste and scrap, except from food processing	18.7	–	17.5	–	26.5	.1	17.8
439	Mixed freight	9.5	.2	11.7	–	11.0	–	16.9
—	Commodity unknown	13.4	–	24.5	–	24.1	–	13.5

– 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 Division: 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	**1.3**	**–**	**4.5**	**–**	**2.6**	**–**	**4.8**
Single modes	**1.2**	**.5**	**4.9**	**.6**	**2.7**	**.5**	**3.8**
Truck	1.5	.5	6.2	1.4	2.2	.9	4.1
For-hire truck	2.3	.7	11.1	2.2	2.4	.9	5.6
Private truck	1.6	.5	5.8	1.7	5.4	.5	3.2
Rail	7.4	.5	6.6	.7	8.0	1.4	6.6
Water	10.3	–	12.8	.6	8.3	1.1	S
Shallow draft	11.8	–	15.5	.5	10.1	1.1	S
Great Lakes	28.8	–	21.8	.4	21.5	.6	13.6
Deep draft	S	S	S	S	S	S	22.5
Air (includes truck and air)	7.9	.1	16.4	–	11.8	–	2.8
Pipeline	20.8	.2	21.3	.8	S	S	S
Multiple modes	**4.0**	**.5**	**9.5**	**.2**	**7.4**	**.5**	**4.7**
Parcel, U.S. Postal Service or courier	4.5	.4	4.4	–	7.1	–	4.7
Truck and rail	13.5	.3	29.1	.2	7.4	.2	6.6
Truck and water	31.5	–	30.6	.1	31.5	.3	17.8
Rail and water	28.7	–	28.4	.2	27.6	.5	24.2
Other multiple modes	40.3	–	26.8	.2	35.6	.3	S
Other and unknown modes	**13.9**	**.5**	**19.3**	**.5**	**13.2**	**.3**	**11.2**
SCTG 01, LIVE ANIMALS AND LIVE FISH							
Total	**30.2**	**–**	**28.8**	**–**	**34.5**	**–**	**14.0**
Single modes	**30.8**	**1.6**	**29.1**	**.8**	**34.8**	**.7**	**15.6**
Truck	30.8	1.6	29.1	.8	34.8	.7	15.6
For-hire truck	33.1	4.3	32.1	5.7	36.4	3.5	10.5
Private truck	30.9	4.2	36.1	5.9	44.0	3.5	38.6
Rail	–	–	–	–	–	–	–
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**20.3**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	20.3
Truck and rail	–	–	–	–	–	–	–
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**S**
SCTG 02, CEREAL GRAINS							
Total	**9.4**	**–**	**8.2**	**–**	**9.4**	**–**	**19.6**
Single modes	**9.1**	**1.3**	**8.2**	**.8**	**9.8**	**1.4**	**16.8**
Truck	15.1	4.1	15.9	4.8	12.4	1.0	15.1
For-hire truck	20.9	4.2	22.0	4.4	16.2	.9	47.4
Private truck	17.2	2.3	18.6	2.2	18.7	.4	11.9
Rail	13.2	2.6	17.9	4.0	25.9	4.7	6.8
Water	10.7	3.2	10.3	3.5	10.8	4.7	1.6
Shallow draft	11.5	3.3	11.3	3.5	11.0	4.8	1.6
Great Lakes	41.2	.8	40.0	.9	S	S	20.9
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**18.2**
Parcel, U.S. Postal Service or courier	S	S	48.1	–	44.6	–	20.0
Truck and rail	S	S	S	S	S	S	20.8
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**37.2**	**.6**	**35.2**	**.5**	**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 Division: 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	**7.3**	**–**	**7.3**	**–**	**15.7**	**–**	**17.1**
Single modes	**7.3**	**2.0**	**6.7**	**1.6**	**14.5**	**2.0**	**14.3**
Truck	9.2	3.2	7.7	3.6	10.7	2.1	13.5
For-hire truck	9.1	2.8	11.5	3.1	11.5	1.3	S
Private truck	14.2	3.7	15.8	4.0	19.6	1.1	14.1
Rail	12.9	1.2	13.7	1.6	14.3	2.4	12.7
Water	15.5	1.9	15.6	2.8	18.2	2.6	3.3
Shallow draft	16.4	1.9	16.6	2.9	18.3	2.7	2.8
Great Lakes	S	S	S	S	2.3	–	22.4
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	40.1	.2	38.5	–	48.2	–	16.0
Pipeline	–	–	–	–	S	S	S
Multiple modes	**33.0**	**1.3**	**41.4**	**.5**	**S**	**S**	**13.8**
Parcel, U.S. Postal Service or courier	43.8	1.3	47.1	–	47.9	.2	14.3
Truck and rail	S	S	S	S	46.8	.3	40.5
Truck and water	S	S	S	S	S	S	21.6
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**44.0**	**1.6**	**S**	**S**	**S**	**S**	**S**
SCTG 04, ANIMAL FEED AND PRODUCTS OF ANIMAL ORIGIN, N.E.C.							
Total	**10.4**	**–**	**7.9**	**–**	**10.7**	**–**	**20.7**
Single modes	**10.4**	**.3**	**8.0**	**.4**	**10.9**	**1.0**	**16.1**
Truck	10.9	2.5	9.8	2.9	18.3	4.0	16.5
For-hire truck	14.9	3.4	15.1	3.4	21.7	3.9	8.2
Private truck	12.9	3.9	13.6	3.9	19.5	2.1	18.6
Rail	16.0	1.9	13.0	2.7	12.5	4.9	7.6
Water	42.7	1.4	35.6	2.0	36.9	4.6	16.9
Shallow draft	42.7	1.4	35.6	2.0	36.9	4.6	16.9
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	21.8
Pipeline	–	–	–	–	S	S	S
Multiple modes	**37.5**	**.2**	**S**	**S**	**S**	**S**	**13.4**
Parcel, U.S. Postal Service or courier	49.8	–	S	S	S	S	13.8
Truck and rail	S	S	S	S	S	S	20.8
Truck and water	S	S	S	S	S	S	22.4
Rail and water	S	S	S	S	S	S	22.4
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**24.2**	**.3**	**30.9**	**.3**	**33.0**	**.1**	**S**
SCTG 05, MEAT, FISH, SEAFOOD, AND THEIR PREPARATIONS							
Total	**8.4**	**–**	**7.4**	**–**	**11.0**	**–**	**27.9**
Single modes	**8.6**	**.8**	**7.5**	**1.0**	**11.1**	**.8**	**13.9**
Truck	8.5	.8	7.4	1.0	10.6	1.1	14.1
For-hire truck	12.6	3.3	12.0	3.3	13.5	3.6	6.4
Private truck	8.7	3.0	8.0	3.0	15.4	3.4	11.0
Rail	S	S	S	S	S	S	22.4
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	20.1
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**47.7**	**–**	**49.5**	**.2**	**17.6**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	17.5
Truck and rail	S	S	S	S	S	S	21.8
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**29.0**	**.7**	**34.2**	**1.0**	**45.1**	**.8**	**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 Division: 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	**5.9**	**–**	**10.0**	**–**	**12.2**	**–**	**27.3**
Single modes	**5.9**	**.5**	**10.1**	**1.0**	**12.5**	**1.2**	**22.5**
Truck	6.5	1.4	8.4	3.0	10.3	4.0	22.1
For-hire truck	8.9	3.4	8.4	2.8	10.7	3.8	5.5
Private truck	12.3	3.5	14.4	2.5	16.2	1.0	23.1
Rail	18.3	1.4	20.7	3.3	22.0	4.6	8.0
Water	S	S	S	S	S	S	21.8
Shallow draft	S	S	S	S	S	S	21.8
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	21.2
Pipeline	–	–	–	–	S	S	S
Multiple modes	**23.1**	**.4**	**24.1**	**.4**	**27.0**	**1.1**	**9.1**
Parcel, U.S. Postal Service or courier	44.9	.2	S	S	44.4	–	10.3
Truck and rail	29.2	.4	27.0	.3	28.8	1.0	11.5
Truck and water	–	–	–	–	–	–	–
Rail and water	S	S	S	S	S	S	21.9
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**35.6**	**.3**	**S**	**S**	**33.5**	**.4**	**43.0**
SCTG 07, OTHER PREPARED FOODSTUFFS AND FATS AND OILS							
Total	**3.5**	**–**	**4.9**	**–**	**7.3**	**–**	**20.2**
Single modes	**3.6**	**.5**	**5.0**	**.4**	**7.6**	**1.0**	**13.3**
Truck	3.5	.6	4.2	1.6	4.4	3.3	13.4
For-hire truck	4.7	1.3	5.7	1.5	4.7	2.8	7.3
Private truck	3.6	1.0	5.5	2.1	8.1	1.2	13.1
Rail	12.8	.5	18.5	1.5	18.4	3.2	6.3
Water	46.0	.2	44.5	.4	43.3	.9	19.3
Shallow draft	46.0	.2	44.5	.4	43.3	.9	19.3
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	44.3	–	39.3	–	S	S	16.9
Pipeline	43.0	.2	43.0	.3	S	S	S
Multiple modes	**12.9**	**.2**	**25.8**	**.4**	**21.4**	**1.1**	**8.8**
Parcel, U.S. Postal Service or courier	30.6	.2	25.0	–	25.7	–	10.4
Truck and rail	18.1	.2	26.5	.4	21.6	1.1	8.4
Truck and water	S	S	S	S	S	S	22.4
Rail and water	S	S	S	S	S	S	22.4
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**22.1**	**.4**	**23.5**	**.3**	**23.2**	**.5**	**S**
SCTG 08, ALCOHOLIC BEVERAGES							
Total	**7.5**	**–**	**11.4**	**–**	**30.4**	**–**	**8.0**
Single modes	**7.7**	**1.3**	**11.5**	**.9**	**31.0**	**1.4**	**7.6**
Truck	7.5	1.6	10.7	2.0	20.0	7.1	7.0
For-hire truck	15.0	1.8	21.3	3.0	19.6	7.2	28.4
Private truck	7.6	2.5	9.6	3.8	30.8	6.3	6.2
Rail	44.3	.9	S	S	S	S	19.8
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)	S	S	S	S	S	S	20.6
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**23.9**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	20.8
Truck and rail	S	S	S	S	S	S	20.8
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**41.7**	**–**	**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 Division: 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	**14.9**	**–**	**16.9**	**–**	**36.1**	**–**	**16.1**
Single modes	**15.2**	**1.0**	**16.8**	**1.2**	**32.4**	**5.6**	**16.8**
Truck	15.2	1.0	16.8	1.2	32.4	5.6	16.8
For-hire truck	46.9	4.3	44.3	2.6	45.7	8.3	18.9
Private truck	12.2	4.2	16.4	2.8	26.8	11.5	10.3
Rail	–	–	–	–	–	–	–
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**33.6**	**.5**	**S**	**S**	**S**	**S**	**25.1**
Parcel, U.S. Postal Service or courier	36.6	.5	35.1	.2	37.5	2.8	16.8
Truck and rail	–	–	–	–	–	–	–
Truck and water	S	S	S	S	S	S	21.8
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**42.2**	**.8**	**45.1**	**1.1**	**S**	**S**	**21.3**
SCTG 10, MONUMENTAL OR BUILDING STONE							
Total	**35.6**	**–**	**33.9**	**–**	**15.9**	**–**	**42.2**
Single modes	**36.3**	**2.0**	**34.8**	**1.7**	**16.0**	**.8**	**44.3**
Truck	36.3	2.0	34.8	1.7	16.0	.8	44.3
For-hire truck	30.7	7.8	S	S	19.1	8.4	24.3
Private truck	S	S	36.1	8.9	28.8	8.5	S
Rail	–	–	–	–	–	–	–
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**21.6**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	21.6
Truck and rail	–	–	–	–	–	–	–
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**47.6**	**1.4**	**S**	**S**	**S**	**S**	**39.9**
SCTG 11, NATURAL SANDS							
Total	**27.0**	**–**	**32.3**	**–**	**21.7**	**–**	**19.9**
Single modes	**27.8**	**1.9**	**33.1**	**1.6**	**22.7**	**2.1**	**19.5**
Truck	30.1	3.4	34.1	2.4	28.9	6.3	19.7
For-hire truck	22.0	4.4	24.3	5.9	25.7	4.2	14.0
Private truck	42.7	6.0	41.2	6.6	41.2	6.9	34.4
Rail	20.1	2.6	21.7	1.3	26.1	5.8	13.8
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)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**29.0**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	22.1
Truck and rail	S	S	S	S	S	S	21.8
Truck and water	–	–	–	–	–	–	–
Rail and water	S	S	S	S	S	S	22.4
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**38.4**	**1.9**	**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 Division: 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	**8.7**	**–**	**7.7**	**–**	**13.6**	**–**	**7.8**
Single modes	**9.1**	**1.2**	**8.0**	**1.3**	**12.3**	**3.3**	**7.5**
Truck	9.7	2.1	9.2	2.6	13.6	7.3	7.6
For-hire truck	16.9	4.1	15.2	4.5	16.9	5.5	8.6
Private truck	9.9	3.4	14.1	4.0	23.6	4.8	8.7
Rail	37.3	.3	40.8	.3	42.8	1.2	26.2
Water	25.0	1.4	26.7	2.0	29.9	5.5	16.7
Shallow draft	42.1	.4	44.4	.5	43.5	2.9	21.6
Great Lakes	35.9	1.5	34.1	2.1	35.0	6.1	18.6
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**38.2**	**.8**	**37.9**	**.9**	**38.8**	**3.4**	**18.7**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	22.4
Truck and rail	–	–	–	–	–	–	–
Truck and water	44.1	.5	43.1	.6	45.5	2.5	20.0
Rail and water	–	–	–	–	–	–	–
Other multiple modes	49.0	.4	49.6	.6	S	S	20.6
Other and unknown modes	**S**	**S**	**S**	**S**	**47.4**	**1.1**	**44.4**
SCTG 13, NONMETALLIC MINERALS N.E.C.							
Total	**12.7**	**–**	**23.6**	**–**	**21.4**	**–**	**25.1**
Single modes	**11.7**	**1.8**	**24.1**	**1.5**	**21.2**	**3.6**	**27.3**
Truck	13.3	4.1	26.4	6.1	19.6	8.7	27.2
For-hire truck	17.1	3.7	26.0	3.7	16.8	6.0	41.2
Private truck	14.9	4.4	27.8	5.4	30.1	5.1	18.9
Rail	38.1	2.6	S	S	S	S	20.4
Water	42.0	3.3	41.8	5.1	42.1	6.6	18.1
Shallow draft	–	–	–	–	–	–	–
Great Lakes	42.0	3.3	41.8	5.1	42.1	6.6	18.1
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	22.4
Pipeline	–	–	–	–	S	S	S
Multiple modes	**31.6**	**.8**	**S**	**S**	**S**	**S**	**15.1**
Parcel, U.S. Postal Service or courier	40.1	.8	35.1	–	S	S	15.8
Truck and rail	S	S	S	S	S	S	22.4
Truck and water	S	S	S	S	S	S	21.8
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**S**	**S**	**46.2**	**1.2**	**S**	**S**	**47.0**
SCTG 14, METALLIC ORES AND CONCENTRATES							
Total	**19.8**	**–**	**31.8**	**–**	**42.2**	**–**	**10.5**
Single modes	**22.1**	**4.7**	**39.8**	**7.2**	**26.8**	**14.6**	**12.2**
Truck	20.0	8.2	18.6	16.2	19.8	15.8	11.9
For-hire truck	25.4	7.2	21.6	12.5	20.6	14.0	12.4
Private truck	28.9	4.7	29.6	6.6	32.3	3.8	47.3
Rail	34.3	7.8	41.5	13.7	31.5	10.1	S
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**20.6**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	15.7
Truck and rail	S	S	S	S	S	S	22.4
Truck and water	–	–	–	–	–	–	–
Rail and water	S	S	S	S	S	S	21.2
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**40.9**

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 Division: 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	**11.7**	**–**	**12.4**	**–**	**14.7**	**–**	**16.8**
Single modes	**14.6**	**4.5**	**13.2**	**4.3**	**19.8**	**5.7**	**16.9**
Truck	27.7	4.6	27.5	4.5	28.1	3.1	17.3
For-hire truck	26.8	4.4	27.1	4.3	24.7	3.0	20.5
Private truck	S	S	S	S	S	S	19.0
Rail	15.8	4.6	15.7	4.9	16.9	5.2	14.2
Water	S	S	S	S	S	S	19.3
Shallow draft	S	S	S	S	S	S	19.3
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**24.1**	**3.2**	**24.7**	**3.3**	**24.4**	**5.7**	**34.3**
Parcel, U.S. Postal Service or courier	–	–	–	–	–	–	–
Truck and rail	S	S	S	S	S	S	22.4
Truck and water	S	S	S	S	S	S	30.1
Rail and water	32.0	2.1	32.2	2.1	34.1	4.9	16.7
Other multiple modes	48.3	2.9	48.3	3.0	49.3	4.4	20.7
Other and unknown modes	**29.5**	**4.4**	**39.9**	**3.8**	**S**	**S**	**39.6**
SCTG 17, GASOLINE AND AVIATION TURBINE FUEL							
Total	**16.0**	**–**	**13.6**	**–**	**25.6**	**–**	**8.6**
Single modes	**16.1**	**.4**	**13.7**	**.2**	**25.6**	**.1**	**8.0**
Truck	20.4	4.2	16.7	4.5	17.3	7.2	8.8
For-hire truck	20.8	2.5	17.4	2.2	19.0	3.6	7.8
Private truck	21.1	3.5	17.0	3.3	17.7	4.5	11.6
Rail	–	–	–	–	–	–	–
Water	S	S	S	S	S	S	23.7
Shallow draft	S	S	S	S	S	S	23.8
Great Lakes	S	S	S	S	S	S	22.4
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	24.2	4.3	24.8	4.5	S	S	S
Multiple modes	**46.9**	**.4**	**46.5**	**–**	**S**	**S**	**20.2**
Parcel, U.S. Postal Service or courier	–	–	–	–	–	–	–
Truck and rail	–	–	–	–	–	–	–
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	47.1	.4	47.0	–	S	S	20.7
Other and unknown modes	**29.6**	**.2**	**30.3**	**.1**	**34.1**	**–**	**39.2**
SCTG 18, FUEL OILS							
Total	**10.3**	**–**	**11.4**	**–**	**12.6**	**–**	**10.3**
Single modes	**10.8**	**1.5**	**11.7**	**.9**	**12.6**	**.7**	**11.1**
Truck	9.3	4.7	9.1	5.1	16.1	5.8	12.1
For-hire truck	12.7	2.1	12.4	2.6	20.7	3.6	10.2
Private truck	10.1	3.9	10.0	3.9	14.9	3.6	12.5
Rail	S	S	S	S	S	S	24.6
Water	S	S	S	S	S	S	28.2
Shallow draft	S	S	S	S	S	S	28.2
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	22.4
Pipeline	23.3	4.4	23.7	4.9	S	S	S
Multiple modes	**46.7**	**.8**	**46.2**	**.1**	**S**	**S**	**S**
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	46.7	.8	46.2	.1	S	S	20.7
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**16.5**

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 Division: 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	**14.0**	**–**	**16.0**	**–**	**18.0**	**–**	**22.6**
Single modes	**14.4**	**.9**	**16.1**	**.5**	**18.3**	**1.1**	**13.5**
Truck	13.5	3.4	13.4	3.9	19.1	4.3	14.5
For-hire truck	18.6	3.3	23.8	4.9	24.9	4.6	17.0
Private truck	15.6	4.1	16.8	6.3	19.3	2.8	9.5
Rail	31.2	3.3	39.9	3.6	18.0	4.1	18.7
Water	S	S	S	S	S	S	S
Shallow draft	S	S	S	S	S	S	S
Great Lakes	S	S	S	S	S	S	21.6
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	44.8	–	42.4	–	19.5
Pipeline	S	S	31.1	1.1	S	S	S
Multiple modes	**34.4**	**.7**	**39.6**	**–**	**45.6**	**.2**	**14.1**
Parcel, U.S. Postal Service or courier	49.3	.7	39.5	–	S	S	14.3
Truck and rail	44.9	.2	46.7	–	S	S	20.7
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.0
Other and unknown modes	**41.4**	**.5**	**43.4**	**.5**	**S**	**S**	**38.4**
SCTG 20, BASIC CHEMICALS							
Total	**5.7**	**–**	**16.9**	**–**	**15.5**	**–**	**23.6**
Single modes	**6.1**	**1.1**	**17.2**	**.7**	**16.3**	**1.6**	**24.2**
Truck	6.4	2.4	19.7	4.3	16.6	5.0	29.1
For-hire truck	9.2	3.0	18.9	3.4	19.6	4.3	6.7
Private truck	11.5	2.9	25.2	4.3	19.5	2.3	24.6
Rail	16.7	1.3	36.2	4.1	19.5	3.9	15.2
Water	S	S	S	S	S	S	22.7
Shallow draft	S	S	S	S	S	S	22.7
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	33.4	.5	30.7	–	30.7	–	13.1
Pipeline	49.9	.1	S	S	S	S	S
Multiple modes	**14.3**	**1.1**	**31.4**	**.5**	**34.3**	**1.7**	**17.1**
Parcel, U.S. Postal Service or courier	17.4	1.0	S	S	25.2	–	17.2
Truck and rail	28.6	.5	39.1	.5	35.5	1.7	13.7
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**20.2**	**.2**	**28.7**	**.2**	**27.8**	**.2**	**S**
SCTG 21, PHARMACEUTICAL PRODUCTS							
Total	**16.0**	**–**	**12.9**	**–**	**14.9**	**–**	**9.6**
Single modes	**20.6**	**4.2**	**13.9**	**2.1**	**16.5**	**2.6**	**22.8**
Truck	22.1	4.1	14.3	2.6	18.0	4.1	15.9
For-hire truck	34.9	4.9	14.0	3.7	12.6	4.8	22.6
Private truck	11.4	4.2	19.6	4.3	35.7	4.9	10.4
Rail	S	S	S	S	S	S	20.9
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	23.3	1.0	41.1	.2	28.3	.2	10.7
Pipeline	S	S	S	S	S	S	S
Multiple modes	**15.9**	**4.0**	**16.6**	**1.8**	**20.5**	**2.4**	**8.1**
Parcel, U.S. Postal Service or courier	15.8	3.9	17.1	1.9	20.8	2.3	8.1
Truck and rail	S	S	S	S	S	S	30.5
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**37.1**	**.9**	**32.4**	**.5**	**35.3**	**.7**	**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 Division: 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	**39.5**	**–**	**44.1**	**–**	**S**	**S**	**21.9**
Single modes	**38.6**	**2.6**	**43.3**	**3.3**	**S**	**S**	**24.5**
Truck	30.4	4.4	35.6	5.3	S	S	28.7
For-hire truck	S	S	S	S	S	S	32.6
Private truck	19.7	6.7	21.5	7.8	21.1	8.5	31.7
Rail	S	S	S	S	S	S	15.2
Water	S	S	S	S	S	S	23.4
Shallow draft	S	S	S	S	S	S	23.4
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	22.4
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**15.3**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	15.3
Truck and rail	–	–	–	–	–	–	–
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**21.7**
SCTG 23, CHEMICAL PRODUCTS AND PREPARATIONS, N.E.C.							
Total	**6.7**	**–**	**9.3**	**–**	**7.6**	**–**	**8.7**
Single modes	**7.2**	**1.3**	**9.4**	**.9**	**7.6**	**2.4**	**9.5**
Truck	7.2	1.3	9.3	.9	7.3	2.0	9.7
For-hire truck	8.2	2.9	11.3	2.7	7.4	2.4	8.4
Private truck	15.4	3.0	14.5	2.7	18.4	2.0	17.6
Rail	14.6	.3	19.5	.9	17.8	1.4	13.7
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	12.3
Pipeline	S	S	S	S	S	S	S
Multiple modes	**12.4**	**1.3**	**16.1**	**.8**	**18.6**	**2.4**	**8.5**
Parcel, U.S. Postal Service or courier	17.9	1.0	26.5	.2	15.9	.1	8.7
Truck and rail	24.4	1.2	18.2	.8	19.5	2.4	10.6
Truck and water	40.6	–	45.4	–	48.4	–	20.9
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**22.7**	**.4**	**32.8**	**.4**	**42.7**	**.7**	**S**
SCTG 24, PLASTICS AND RUBBER							
Total	**4.7**	**–**	**5.0**	**–**	**5.1**	**–**	**6.5**
Single modes	**5.1**	**1.1**	**5.3**	**.9**	**5.6**	**2.3**	**7.1**
Truck	5.0	1.2	5.0	1.5	5.1	2.6	6.6
For-hire truck	5.8	1.7	5.2	2.1	4.7	2.7	3.7
Private truck	8.0	1.4	8.6	1.0	15.3	.8	11.9
Rail	16.5	.5	18.4	1.5	19.0	2.1	43.2
Water	S	S	S	S	S	S	22.4
Shallow draft	–	–	–	–	–	–	–
Great Lakes	S	S	S	S	S	S	22.4
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	14.2	–	13.0	–	19.8	–	7.9
Pipeline	S	S	S	S	S	S	S
Multiple modes	**9.8**	**.9**	**16.4**	**.8**	**22.4**	**2.0**	**4.4**
Parcel, U.S. Postal Service or courier	10.3	.9	14.2	.2	18.3	.4	4.4
Truck and rail	35.6	.5	29.4	.8	29.9	2.1	9.0
Truck and water	S	S	S	S	S	S	22.6
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**14.2**	**.3**	**11.0**	**.2**	**33.3**	**.6**	**12.7**

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 Division: 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	**15.7**	**–**	**21.2**	**–**	**25.7**	**–**	**15.8**
Single modes	**16.6**	**2.2**	**21.6**	**1.7**	**28.9**	**5.2**	**21.0**
Truck	17.7	2.8	21.6	3.4	31.0	6.1	20.4
For-hire truck	20.0	6.6	36.2	7.0	36.0	7.5	32.8
Private truck	21.7	6.9	25.7	7.9	S	S	24.8
Rail	39.8	2.1	S	S	41.2	4.8	S
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	–	–	–	–	–	–	–
Pipeline	–	–	–	–	S	S	S
Multiple modes	**S**	**S**	**S**	**S**	**S**	**S**	**24.6**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	21.9
Truck and rail	S	S	S	S	S	S	21.1
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**42.7**	**.7**	**S**	**S**	**47.7**	**1.0**	**36.2**
SCTG 26, WOOD PRODUCTS							
Total	**6.6**	**–**	**17.6**	**–**	**9.6**	**–**	**11.0**
Single modes	**6.8**	**.8**	**17.8**	**.6**	**9.6**	**1.7**	**7.6**
Truck	7.1	.9	18.6	1.7	11.6	3.3	7.9
For-hire truck	7.3	1.7	17.0	2.7	10.6	2.3	6.5
Private truck	8.9	2.1	20.1	2.8	17.3	2.5	11.3
Rail	19.9	.5	36.8	1.8	20.3	3.1	19.1
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	24.6
Pipeline	–	–	–	–	S	S	S
Multiple modes	**20.2**	**.5**	**37.6**	**.2**	**44.9**	**1.3**	**10.9**
Parcel, U.S. Postal Service or courier	24.0	.3	17.3	–	20.4	–	10.7
Truck and rail	33.6	.4	42.8	.2	47.3	1.3	13.4
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**22.3**	**.5**	**22.9**	**.6**	**31.5**	**1.0**	**27.1**
SCTG 27, PULP, NEWSPRINT, PAPER, AND PAPERBOARD							
Total	**10.1**	**–**	**31.9**	**–**	**14.9**	**–**	**14.4**
Single modes	**10.3**	**.7**	**32.3**	**.5**	**15.3**	**.9**	**9.7**
Truck	11.8	2.4	36.1	3.1	19.1	4.4	11.1
For-hire truck	13.0	2.2	40.3	3.8	19.8	4.4	9.3
Private truck	9.8	1.4	10.6	1.6	27.7	1.0	15.1
Rail	15.7	1.9	15.6	2.3	17.5	3.9	5.4
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	33.5	–	35.5	–	45.1	–	15.9
Pipeline	S	S	S	S	S	S	S
Multiple modes	**20.2**	**.8**	**22.6**	**.2**	**22.1**	**.5**	**20.2**
Parcel, U.S. Postal Service or courier	20.9	.7	22.8	.1	31.4	.2	20.3
Truck and rail	35.5	.2	33.1	.1	25.6	.4	16.3
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	24.0
Other and unknown modes	**25.6**	**.3**	**27.3**	**.4**	**36.7**	**.7**	**42.0**

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 Division: 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	**6.2**	**–**	**7.1**	**–**	**8.8**	**–**	**8.9**
Single modes	**6.0**	**.9**	**7.1**	**.5**	**8.1**	**1.8**	**10.5**
Truck	6.1	1.1	7.1	.6	8.7	2.5	10.6
For-hire truck	7.6	1.7	8.8	2.8	10.1	3.3	6.6
Private truck	6.4	1.7	11.6	2.6	9.6	1.3	7.6
Rail	39.4	.2	37.3	.2	46.8	1.5	18.6
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	49.2	–	S	S	11.5
Pipeline	–	–	–	–	S	S	S
Multiple modes	**13.6**	**.7**	**25.0**	**.3**	**37.3**	**1.6**	**7.2**
Parcel, U.S. Postal Service or courier	14.1	.7	13.1	.1	16.5	.3	7.2
Truck and rail	31.4	.3	42.4	.3	47.4	1.7	11.1
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**25.9**	**.6**	**25.7**	**.3**	**36.0**	**.6**	**S**
SCTG 29, PRINTED PRODUCTS							
Total	**8.9**	**–**	**10.6**	**–**	**21.9**	**–**	**12.3**
Single modes	**12.4**	**2.7**	**11.8**	**1.6**	**25.0**	**2.2**	**23.7**
Truck	11.6	2.7	11.8	1.6	25.0	2.3	24.1
For-hire truck	16.5	2.3	14.5	2.8	26.8	3.1	28.4
Private truck	8.2	2.1	15.0	3.1	20.3	1.4	11.3
Rail	37.2	–	37.1	–	44.6	.3	18.1
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	44.6	.4	34.3	.1	45.9	.3	6.4
Pipeline	–	–	–	–	S	S	S
Multiple modes	**13.9**	**2.7**	**14.9**	**1.2**	**14.9**	**2.1**	**12.1**
Parcel, U.S. Postal Service or courier	14.4	2.7	17.3	1.3	18.8	2.1	12.1
Truck and rail	S	S	42.1	.3	38.4	1.1	16.2
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**16.5**	**1.0**	**22.9**	**1.0**	**17.1**	**.8**	**25.0**
SCTG 30, TEXTILES, LEATHER, AND ARTICLES OF TEXTILES OR LEATHER							
Total	**12.6**	**–**	**16.4**	**–**	**29.0**	**–**	**4.7**
Single modes	**16.8**	**3.3**	**20.2**	**2.9**	**37.2**	**3.7**	**10.1**
Truck	16.4	3.2	20.3	2.9	37.4	3.7	10.0
For-hire truck	23.3	3.6	13.4	3.5	13.1	4.2	5.3
Private truck	11.2	2.5	35.9	4.1	S	S	20.1
Rail	S	S	S	S	S	S	19.7
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	40.7	.1	32.0	–	16.7
Pipeline	–	–	–	–	S	S	S
Multiple modes	**12.0**	**3.1**	**9.4**	**2.2**	**12.7**	**3.4**	**3.6**
Parcel, U.S. Postal Service or courier	12.2	3.2	9.1	2.2	12.9	3.3	3.6
Truck and rail	43.0	.5	37.0	.3	39.1	1.5	15.7
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**37.2**	**2.3**	**26.1**	**1.9**	**30.9**	**1.8**	**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 Division: 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	**3.0**	**–**	**44.6**	**–**	**15.8**	**–**	**15.3**
Single modes	**3.3**	**1.6**	**45.1**	**.9**	**17.5**	**2.7**	**17.8**
Truck	3.3	1.6	46.2	1.9	16.2	4.6	18.5
For-hire truck	5.7	2.6	S	S	20.3	3.7	16.2
Private truck	5.8	1.8	12.5	7.1	11.3	2.0	13.1
Rail	29.7	.5	38.6	1.4	44.2	4.1	25.6
Water	44.4	.5	46.7	.7	48.7	2.6	19.8
Shallow draft	S	S	S	S	S	S	22.0
Great Lakes	S	S	S	S	S	S	20.6
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	28.3	–	46.6	–	S	S	8.8
Pipeline	–	–	–	–	S	S	S
Multiple modes	**26.3**	**1.4**	**44.9**	**–**	**24.0**	**.6**	**9.7**
Parcel, U.S. Postal Service or courier	29.4	1.5	25.0	–	23.1	.1	9.7
Truck and rail	28.4	.1	27.5	–	30.4	.3	14.4
Truck and water	S	S	S	S	S	S	21.8
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.1
Other and unknown modes	**27.9**	**.6**	**23.3**	**.9**	**37.6**	**2.6**	**48.0**
SCTG 32, BASE METAL IN PRIMARY OR SEMIFINISHED FORMS AND IN FINISHED BASIC SHAPES							
Total	**4.6**	**–**	**9.7**	**–**	**6.6**	**–**	**4.9**
Single modes	**4.7**	**.6**	**10.2**	**1.0**	**7.0**	**2.0**	**4.9**
Truck	4.9	1.3	11.8	2.1	8.1	3.5	5.2
For-hire truck	5.2	1.3	14.3	2.4	8.7	3.3	4.6
Private truck	6.5	1.1	8.9	1.3	11.8	.9	7.1
Rail	12.0	.9	10.6	1.6	12.5	2.4	10.8
Water	S	S	S	S	S	S	23.3
Shallow draft	S	S	S	S	S	S	21.2
Great Lakes	S	S	S	S	S	S	22.4
Deep draft	S	S	S	S	S	S	22.4
Air (includes truck and air)	30.9	.1	44.8	–	37.6	–	8.3
Pipeline	S	S	S	S	S	S	S
Multiple modes	**24.5**	**.5**	**S**	**S**	**S**	**S**	**7.2**
Parcel, U.S. Postal Service or courier	17.6	.2	20.4	–	15.7	–	7.6
Truck and rail	24.4	.1	28.4	.1	23.6	.4	12.2
Truck and water	S	S	S	S	S	S	28.8
Rail and water	S	S	S	S	S	S	22.4
Other multiple modes	S	S	S	S	S	S	23.8
Other and unknown modes	**16.9**	**.2**	**21.6**	**.5**	**22.2**	**.7**	**18.8**
SCTG 33, ARTICLES OF BASE METAL							
Total	**6.7**	**–**	**7.3**	**–**	**11.5**	**–**	**9.2**
Single modes	**5.7**	**2.7**	**7.7**	**1.2**	**12.9**	**2.6**	**6.2**
Truck	5.9	2.7	7.4	2.2	10.9	4.2	6.4
For-hire truck	8.4	2.5	9.8	2.8	11.8	3.9	3.7
Private truck	5.3	1.7	10.5	2.1	10.2	1.0	7.8
Rail	34.4	.5	45.5	1.8	44.6	4.1	S
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	19.2	.1	36.0	.1	24.9	.1	4.4
Pipeline	–	–	–	–	S	S	S
Multiple modes	**29.0**	**2.8**	**23.4**	**.8**	**29.5**	**1.4**	**7.3**
Parcel, U.S. Postal Service or courier	29.7	2.8	31.4	.8	47.5	1.3	7.3
Truck and rail	23.6	.1	43.3	.4	22.4	.5	26.8
Truck and water	S	S	S	S	S	S	20.8
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.1
Other and unknown modes	**14.5**	**.4**	**19.4**	**.9**	**30.9**	**1.9**	**27.9**

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 Division: 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	**4.1**	**–**	**6.5**	**–**	**13.0**	**–**	**5.9**
Single modes	**3.8**	**1.3**	**6.5**	**1.1**	**12.4**	**2.7**	**10.3**
Truck	4.2	1.5	6.6	1.2	11.5	2.4	12.9
For-hire truck	5.0	1.6	7.7	1.9	11.3	2.3	6.8
Private truck	6.1	1.0	8.7	1.5	18.3	.9	11.0
Rail	29.2	.8	26.2	.8	31.2	1.2	S
Water	S	S	S	S	S	S	22.4
Shallow draft	–	–	–	–	–	–	–
Great Lakes	S	S	S	S	S	S	22.4
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	11.2	.2	19.6	–	20.2	.2	4.8
Pipeline	S	S	S	S	S	S	S
Multiple modes	**12.2**	**1.2**	**21.9**	**1.1**	**27.6**	**2.7**	**5.6**
Parcel, U.S. Postal Service or courier	8.2	.7	11.0	.2	9.9	.3	5.6
Truck and rail	42.1	.9	28.5	.8	30.6	2.2	9.3
Truck and water	S	S	S	S	S	S	20.7
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	**12.4**	**.4**	**16.9**	**.5**	**24.7**	**.5**	**16.0**
SCTG 35, ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT AND COMPONENTS AND OFFICE EQUIPMENT							
Total	**5.2**	**–**	**5.2**	**–**	**6.3**	**–**	**4.4**
Single modes	**6.6**	**1.6**	**5.5**	**.9**	**7.0**	**1.9**	**8.5**
Truck	7.6	2.1	5.8	1.0	7.5	2.2	10.0
For-hire truck	9.1	2.4	6.4	2.5	8.5	2.6	5.7
Private truck	14.3	1.7	13.4	2.5	21.9	2.0	10.0
Rail	38.9	.3	26.7	.4	24.7	.9	20.9
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)	16.1	.8	16.8	.2	19.7	.4	3.3
Pipeline	–	–	–	–	S	S	S
Multiple modes	**6.6**	**1.7**	**9.7**	**.8**	**16.1**	**1.8**	**3.9**
Parcel, U.S. Postal Service or courier	7.2	1.8	8.0	.5	9.3	.6	4.0
Truck and rail	24.3	.3	27.4	.7	25.5	1.8	6.9
Truck and water	S	S	S	S	S	S	21.2
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.5
Other and unknown modes	**26.4**	**.6**	**22.7**	**.6**	**44.1**	**.9**	**17.9**
SCTG 36, MOTORIZED AND OTHER VEHICLES (INCLUDING PARTS)							
Total	**5.9**	**–**	**8.0**	**–**	**7.0**	**–**	**10.6**
Single modes	**6.2**	**2.1**	**8.8**	**1.4**	**8.3**	**2.2**	**16.7**
Truck	6.7	2.2	6.8	2.0	5.9	2.7	17.6
For-hire truck	8.4	2.3	7.5	1.5	5.6	2.4	5.7
Private truck	7.3	1.0	9.9	1.1	16.2	.6	29.7
Rail	15.6	2.4	19.9	2.1	16.6	3.5	5.5
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)	25.1	.2	32.9	.1	29.9	.2	6.4
Pipeline	S	S	S	S	S	S	S
Multiple modes	**15.1**	**1.8**	**15.3**	**.9**	**15.4**	**2.0**	**5.2**
Parcel, U.S. Postal Service or courier	19.6	.5	14.5	.1	17.7	.2	5.4
Truck and rail	17.5	1.6	17.4	.9	16.8	2.0	7.5
Truck and water	S	S	S	S	S	S	21.9
Rail and water	S	S	S	S	S	S	21.8
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**26.2**	**1.9**	**18.8**	**1.0**	**40.7**	**1.8**	**39.4**

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 Division: 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	**11.7**	**–**	**19.4**	**–**	**26.0**	**–**	**4.9**
Single modes	**11.5**	**4.4**	**19.7**	**.8**	**26.5**	**1.1**	**5.6**
Truck	15.3	5.0	17.1	7.7	17.7	6.9	7.7
For-hire truck	18.0	4.5	18.7	6.9	22.3	6.4	6.0
Private truck	18.0	3.0	22.6	3.7	16.0	3.8	25.1
Rail	32.7	1.7	30.7	6.2	34.4	4.1	26.9
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)	21.4	2.7	21.4	–	24.0	.2	7.5
Pipeline	–	–	–	–	S	S	S
Multiple modes	**28.4**	**4.4**	**36.8**	**.6**	**43.2**	**.8**	**7.1**
Parcel, U.S. Postal Service or courier	28.2	4.4	33.4	.4	32.7	.5	7.2
Truck and rail	S	S	S	S	S	S	22.0
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**42.8**	**.8**	**S**	**S**	**47.8**	**.4**	**S**
SCTG 38, PRECISION INSTRUMENTS AND APPARATUS							
Total	**5.5**	**–**	**11.6**	**–**	**12.5**	**–**	**5.4**
Single modes	**9.6**	**4.0**	**15.1**	**4.3**	**14.3**	**4.6**	**9.8**
Truck	11.2	4.1	15.7	4.4	15.3	4.9	12.9
For-hire truck	14.2	3.5	15.0	4.1	16.2	4.8	8.0
Private truck	13.4	1.6	38.3	3.4	37.8	1.5	18.5
Rail	S	S	S	S	S	S	22.4
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	25.3	2.4	18.7	.7	18.8	1.1	4.2
Pipeline	–	–	–	–	S	S	S
Multiple modes	**11.0**	**3.9**	**11.0**	**3.9**	**11.2**	**4.6**	**6.7**
Parcel, U.S. Postal Service or courier	11.0	3.9	11.0	3.9	11.2	4.6	6.7
Truck and rail	S	S	S	S	S	S	S
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**32.8**	**1.2**	**45.4**	**1.8**	**S**	**S**	**30.2**
SCTG 39, FURNITURE, MATTRESSES AND MATTRESS SUPPORTS, LAMPS, LIGHTING FITTINGS, AND ILLUMINATED SIGNS							
Total	**7.7**	**–**	**13.1**	**–**	**18.9**	**–**	**7.1**
Single modes	**8.0**	**.8**	**13.1**	**1.2**	**18.5**	**1.8**	**7.2**
Truck	7.9	1.0	12.4	1.4	18.1	2.1	7.3
For-hire truck	7.7	2.5	12.3	2.9	18.6	3.1	5.1
Private truck	13.6	2.8	16.7	2.6	30.7	1.8	19.1
Rail	48.0	.3	S	S	S	S	22.4
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	40.0	.3	S	S	S	S	14.1
Pipeline	–	–	–	–	S	S	S
Multiple modes	**14.3**	**.5**	**30.4**	**.3**	**46.5**	**1.1**	**5.7**
Parcel, U.S. Postal Service or courier	18.3	.5	16.6	.2	16.3	.2	6.0
Truck and rail	33.4	.3	S	S	S	S	14.3
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**21.6**	**.5**	**42.8**	**1.1**	**36.1**	**1.4**	**45.1**

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 Division: 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	**4.9**	**–**	**5.8**	**–**	**12.4**	**–**	**4.7**
Single modes	**6.5**	**2.0**	**6.2**	**.8**	**13.5**	**1.4**	**6.2**
Truck	6.1	1.7	5.9	1.0	14.3	2.0	6.2
For-hire truck	8.3	2.0	7.6	3.1	9.1	4.1	3.4
Private truck	8.1	1.5	13.5	3.0	S	S	14.8
Rail	S	S	S	S	49.1	1.7	13.1
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)	32.0	.4	20.6	–	22.5	–	5.0
Pipeline	S	S	S	S	S	S	S
Multiple modes	**8.5**	**1.9**	**9.4**	**.5**	**10.0**	**.9**	**3.9**
Parcel, U.S. Postal Service or courier	8.0	1.8	8.6	.5	9.4	.8	3.9
Truck and rail	40.7	.2	31.9	.2	26.2	.4	10.7
Truck and water	S	S	S	S	S	S	21.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.6
Other and unknown modes	**20.4**	**.6**	**24.4**	**.7**	**26.2**	**.9**	**24.4**
SCTG 41, WASTE AND SCRAP							
Total	**11.1**	**–**	**11.4**	**–**	**6.4**	**–**	**11.9**
Single modes	**11.2**	**.4**	**11.4**	**.3**	**6.5**	**.9**	**10.2**
Truck	12.0	2.1	13.4	2.8	11.4	4.0	11.0
For-hire truck	15.6	3.9	12.3	2.8	13.2	3.3	9.7
Private truck	17.3	3.3	20.3	3.3	15.7	2.2	11.2
Rail	15.3	2.1	15.6	2.8	9.8	4.3	14.9
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	21.8
Pipeline	–	–	–	–	S	S	S
Multiple modes	**30.2**	**.4**	**41.7**	**.3**	**33.2**	**.9**	**17.2**
Parcel, U.S. Postal Service or courier	S	S	S	S	S	S	20.5
Truck and rail	30.2	.4	41.7	.3	33.2	.9	20.3
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**S**	**S**	**S**	**S**	**S**	**S**	**24.2**
SCTG 43, MIXED FREIGHT							
Total	**9.5**	**–**	**11.7**	**–**	**11.0**	**–**	**16.9**
Single modes	**10.3**	**3.9**	**13.2**	**4.1**	**9.9**	**3.7**	**18.6**
Truck	10.1	3.9	13.3	4.1	9.5	3.8	18.8
For-hire truck	27.1	3.3	29.4	4.1	21.6	3.9	24.5
Private truck	11.1	4.4	15.1	4.8	12.0	5.3	15.3
Rail	S	S	S	S	S	S	22.4
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	19.6
Pipeline	–	–	–	–	S	S	S
Multiple modes	**44.7**	**1.7**	**41.8**	**.6**	**S**	**S**	**13.8**
Parcel, U.S. Postal Service or courier	S	S	46.4	.5	S	S	14.0
Truck and rail	S	S	S	S	S	S	19.7
Truck and water	–	–	–	–	–	–	–
Rail and water	–	–	–	–	–	–	–
Other multiple modes	–	–	–	–	–	–	–
Other and unknown modes	**42.3**	**3.0**	**37.0**	**3.8**	**38.8**	**1.8**	**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 Division: 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	**13.4**	**–**	**24.5**	**–**	**24.1**	**–**	**13.5**
Single modes	**15.6**	**3.5**	**24.6**	**1.0**	**24.6**	**1.9**	**22.1**
Truck	14.3	4.7	20.7	6.7	18.5	5.9	23.6
For-hire truck	21.9	5.2	20.4	6.7	20.6	5.9	9.1
Private truck	20.8	5.4	26.7	7.2	25.6	5.8	30.5
Rail	S	S	S	S	S	S	43.1
Water	–	–	–	–	–	–	–
Shallow draft	–	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–	–
Deep draft	–	–	–	–	–	–	–
Air (includes truck and air)	S	S	S	S	S	S	18.7
Pipeline	S	S	S	S	S	S	S
Multiple modes	**21.5**	**2.7**	**36.1**	**.3**	**27.9**	**.8**	**9.0**
Parcel, U.S. Postal Service or courier	22.7	2.8	26.9	.3	34.9	.6	9.0
Truck and rail	48.4	.1	S	S	49.5	.8	35.2
Truck and water	S	S	S	S	S	S	22.4
Rail and water	–	–	–	–	–	–	–
Other multiple modes	S	S	S	S	S	S	22.4
Other and unknown modes	**40.2**	**2.3**	**41.7**	**.8**	**S**	**S**	**48.1**

– 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 Division: 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	**1.3**	**4.5**	**2.6**
Less than 50 miles	2.7	6.8	7.1
50 to 99 miles	3.0	7.0	6.8
100 to 249 miles	2.6	3.5	4.0
250 to 499 miles	3.3	4.2	4.3
500 to 749 miles	2.0	7.5	8.4
750 to 999 miles	3.6	6.1	6.1
1,000 to 1,499 miles	4.5	5.4	5.3
1,500 to 1,999 miles	3.6	5.2	5.1
2,000 miles or more	6.3	9.0	9.2
SCTG 01, Live animals and live fish	**30.2**	**28.8**	**34.5**
Less than 50 miles	23.1	27.3	26.9
50 to 99 miles	36.1	35.1	34.5
100 to 249 miles	46.3	43.9	S
250 to 499 miles	48.9	48.3	48.5
500 to 749 miles	24.8	27.9	28.0
750 to 999 miles	S	S	S
1,000 to 1,499 miles	–	–	–
1,500 to 1,999 miles	S	S	S
2,000 miles or more	–	–	–
SCTG 02, Cereal grains	**9.4**	**8.2**	**9.4**
Less than 50 miles	15.9	15.5	16.0
50 to 99 miles	17.2	19.2	20.4
100 to 249 miles	32.5	31.3	29.6
250 to 499 miles	16.1	18.6	20.9
500 to 749 miles	13.1	22.8	22.9
750 to 999 miles	16.3	15.9	15.7
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	S	40.4	41.2
2,000 miles or more	S	S	S
SCTG 03, Other agricultural products	**7.3**	**7.3**	**15.7**
Less than 50 miles	13.1	14.1	13.4
50 to 99 miles	12.1	17.9	16.3
100 to 249 miles	17.4	21.5	21.2
250 to 499 miles	15.2	18.0	22.0
500 to 749 miles	24.0	26.5	27.9
750 to 999 miles	10.8	17.0	17.0
1,000 to 1,499 miles	27.0	38.3	39.4
1,500 to 1,999 miles	S	30.0	29.5
2,000 miles or more	45.1	S	S
SCTG 04, Animal feed and products of animal origin, n.e.c.	**10.4**	**7.9**	**10.7**
Less than 50 miles	17.0	16.5	16.0
50 to 99 miles	26.5	14.6	12.7
100 to 249 miles	17.0	13.5	13.4
250 to 499 miles	13.8	11.9	10.7
500 to 749 miles	12.9	16.6	17.3
750 to 999 miles	26.4	22.1	21.4
1,000 to 1,499 miles	24.3	23.5	23.1
1,500 to 1,999 miles	47.6	27.4	28.3
2,000 miles or more	S	S	S
SCTG 05, Meat, fish, seafood, and their preparations	**8.4**	**7.4**	**11.0**
Less than 50 miles	11.5	10.8	10.3
50 to 99 miles	12.7	13.4	12.6
100 to 249 miles	8.0	7.7	7.7
250 to 499 miles	11.9	12.2	12.0
500 to 749 miles	11.7	11.0	11.1
750 to 999 miles	21.1	18.0	18.1
1,000 to 1,499 miles	16.9	16.6	16.1
1,500 to 1,999 miles	17.5	17.1	17.4
2,000 miles or more	37.6	41.6	41.4
SCTG 06, Milled grain products and preparations, and bakery products	**5.9**	**10.0**	**12.2**
Less than 50 miles	10.3	14.4	27.6
50 to 99 miles	10.0	11.6	11.6
100 to 249 miles	10.5	25.6	25.8
250 to 499 miles	7.7	9.9	9.2
500 to 749 miles	10.4	14.6	15.3
750 to 999 miles	12.4	22.7	23.2
1,000 to 1,499 miles	13.5	17.9	18.9
1,500 to 1,999 miles	17.3	17.1	16.6
2,000 miles or more	26.5	23.9	30.9
SCTG 07, Other prepared foodstuffs and fats and oils	**3.5**	**4.9**	**7.3**
Less than 50 miles	5.5	6.2	6.4
50 to 99 miles	6.4	9.2	8.6
100 to 249 miles	5.5	6.0	6.4
250 to 499 miles	6.4	9.6	11.2
500 to 749 miles	6.7	9.0	10.5
750 to 999 miles	7.7	14.3	15.0
1,000 to 1,499 miles	12.3	10.8	11.0
1,500 to 1,999 miles	12.6	11.5	11.3
2,000 miles or more	20.4	29.4	29.7

See footnotes at end of table.

Table B–8. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Division: 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	**7.5**	**11.4**	**30.4**
Less than 50 miles	5.2	6.4	7.1
50 to 99 miles	18.0	25.7	26.0
100 to 249 miles	30.0	30.3	29.2
250 to 499 miles	25.8	32.9	32.9
500 to 749 miles	26.7	29.9	32.6
750 to 999 miles	30.2	36.7	36.3
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	37.4	40.4	39.2
2,000 miles or more	S	S	S
SCTG 09, Tobacco products	**14.9**	**16.9**	**36.1**
Less than 50 miles	13.4	17.4	22.3
50 to 99 miles	20.1	28.2	29.8
100 to 249 miles	24.5	34.7	35.9
250 to 499 miles	45.8	46.5	46.1
500 to 749 miles	42.9	40.4	40.4
750 to 999 miles	S	S	S
1,000 to 1,499 miles	43.7	39.7	39.1
1,500 to 1,999 miles	S	S	S
2,000 miles or more	S	S	S
SCTG 10, Monumental or building stone	**35.6**	**33.9**	**15.9**
Less than 50 miles	S	38.8	36.8
50 to 99 miles	S	42.4	41.9
100 to 249 miles	37.7	25.3	25.0
250 to 499 miles	35.0	26.0	25.8
500 to 749 miles	37.7	29.8	30.2
750 to 999 miles	32.2	40.6	40.8
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 11, Natural sands	**27.0**	**32.3**	**21.7**
Less than 50 miles	36.6	35.8	39.5
50 to 99 miles	17.9	23.8	23.7
100 to 249 miles	15.8	22.3	22.9
250 to 499 miles	21.6	33.7	32.6
500 to 749 miles	28.7	37.0	35.2
750 to 999 miles	21.7	S	S
1,000 to 1,499 miles	44.3	S	S
1,500 to 1,999 miles	33.3	36.9	39.3
2,000 miles or more	S	S	S
SCTG 12, Gravel and crushed stone	**8.7**	**7.7**	**13.6**
Less than 50 miles	9.9	9.5	12.9
50 to 99 miles	16.9	16.5	17.2
100 to 249 miles	26.0	20.0	20.9
250 to 499 miles	23.4	28.9	28.9
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 13, Nonmetallic minerals n.e.c.	**12.7**	**23.6**	**21.4**
Less than 50 miles	19.7	29.4	26.3
50 to 99 miles	25.0	24.1	25.4
100 to 249 miles	19.0	27.0	27.4
250 to 499 miles	21.4	32.5	32.6
500 to 749 miles	30.7	28.0	28.5
750 to 999 miles	34.3	32.7	32.8
1,000 to 1,499 miles	S	44.5	43.0
1,500 to 1,999 miles	S	43.3	42.4
2,000 miles or more	S	S	S
SCTG 14, Metallic ores and concentrates	**19.8**	**31.8**	**42.2**
Less than 50 miles	35.5	47.1	48.9
50 to 99 miles	S	46.9	46.3
100 to 249 miles	24.5	S	S
250 to 499 miles	29.9	49.9	S
500 to 749 miles	24.4	36.2	34.7
750 to 999 miles	27.0	30.6	31.4
1,000 to 1,499 miles	28.2	S	S
1,500 to 1,999 miles	42.7	S	S
2,000 miles or more	S	S	S
SCTG 15, Coal	**11.7**	**12.4**	**14.7**
Less than 50 miles	11.8	14.9	11.1
50 to 99 miles	25.6	25.7	25.0
100 to 249 miles	24.3	21.9	18.3
250 to 499 miles	22.0	24.0	20.9
500 to 749 miles	40.8	39.4	43.7
750 to 999 miles	32.0	30.8	30.5
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–8. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Division: 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	**16.0**	**13.6**	**25.6**
Less than 50 miles	19.4	15.0	22.0
50 to 99 miles	25.0	26.3	26.5
100 to 249 miles	24.5	25.7	27.7
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	–	–	–
1,500 to 1,999 miles	–	–	–
2,000 miles or more	–	–	–
SCTG 18, Fuel oils	**10.3**	**11.4**	**12.6**
Less than 50 miles	12.5	14.2	14.4
50 to 99 miles	17.3	17.6	17.7
100 to 249 miles	20.3	19.6	20.9
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	–	–	–
1,500 to 1,999 miles	–	–	–
2,000 miles or more	–	–	–
SCTG 19, Coal and petroleum products, n.e.c.	**14.0**	**16.0**	**18.0**
Less than 50 miles	18.7	19.3	27.9
50 to 99 miles	15.1	16.7	16.0
100 to 249 miles	27.2	37.0	40.3
250 to 499 miles	15.7	16.2	17.0
500 to 749 miles	20.4	38.3	37.1
750 to 999 miles	20.3	22.5	22.8
1,000 to 1,499 miles	43.9	33.3	28.4
1,500 to 1,999 miles	20.7	S	S
2,000 miles or more	S	S	S
SCTG 20, Basic chemicals	**5.7**	**16.9**	**15.5**
Less than 50 miles	9.7	21.9	30.4
50 to 99 miles	8.3	20.0	21.5
100 to 249 miles	9.6	29.9	34.0
250 to 499 miles	9.4	16.3	16.7
500 to 749 miles	14.5	16.5	19.8
750 to 999 miles	16.8	24.7	26.4
1,000 to 1,499 miles	14.4	S	47.8
1,500 to 1,999 miles	19.1	15.4	15.9
2,000 miles or more	17.7	26.5	27.9
SCTG 21, Pharmaceutical products	**16.0**	**12.9**	**14.9**
Less than 50 miles	12.9	16.7	15.6
50 to 99 miles	13.1	19.5	20.3
100 to 249 miles	15.4	14.9	14.8
250 to 499 miles	36.6	24.8	23.9
500 to 749 miles	22.6	25.4	26.0
750 to 999 miles	36.3	24.0	23.9
1,000 to 1,499 miles	19.2	27.6	29.7
1,500 to 1,999 miles	23.4	27.8	27.6
2,000 miles or more	49.0	27.4	27.4
SCTG 22, Fertilizers	**39.5**	**44.1**	**S**
Less than 50 miles	23.5	28.1	41.4
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 23, Chemical products and preparations, n.e.c.	**6.7**	**9.3**	**7.6**
Less than 50 miles	11.8	17.2	17.1
50 to 99 miles	11.5	13.3	14.0
100 to 249 miles	8.8	13.4	14.3
250 to 499 miles	9.6	9.2	8.9
500 to 749 miles	8.9	9.9	9.7
750 to 999 miles	15.2	16.0	16.3
1,000 to 1,499 miles	15.1	17.0	17.9
1,500 to 1,999 miles	15.3	12.8	13.2
2,000 miles or more	22.3	24.3	24.3
SCTG 24, Plastics and rubber	**4.7**	**5.0**	**5.1**
Less than 50 miles	6.9	6.9	10.7
50 to 99 miles	5.6	8.7	7.9
100 to 249 miles	9.4	10.4	9.6
250 to 499 miles	6.3	7.8	7.1
500 to 749 miles	5.7	7.1	7.9
750 to 999 miles	11.2	11.8	12.0
1,000 to 1,499 miles	18.1	21.4	22.8
1,500 to 1,999 miles	6.6	9.0	9.2
2,000 miles or more	16.5	23.2	23.9

See footnotes at end of table.

Table B–8. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Division: 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	**15.7**	**21.2**	**25.7**
Less than 50 miles	34.6	22.4	23.3
50 to 99 miles	27.2	39.9	38.2
100 to 249 miles	25.1	34.8	32.4
250 to 499 miles	27.7	S	S
500 to 749 miles	45.8	42.2	42.1
750 to 999 miles	S	S	S
1,000 to 1,499 miles	S	S	S
1,500 to 1,999 miles	45.3	S	S
2,000 miles or more	S	S	S
SCTG 26, Wood products	**6.6**	**17.6**	**9.6**
Less than 50 miles	8.6	28.4	32.8
50 to 99 miles	10.0	22.0	19.1
100 to 249 miles	13.2	10.5	10.3
250 to 499 miles	8.2	11.0	11.1
500 to 749 miles	14.5	18.0	17.5
750 to 999 miles	13.2	23.4	22.9
1,000 to 1,499 miles	21.3	16.8	16.3
1,500 to 1,999 miles	14.8	16.1	16.5
2,000 miles or more	19.5	25.0	25.1
SCTG 27, Pulp, newsprint, paper, and paperboard	**10.1**	**31.9**	**14.9**
Less than 50 miles	10.7	14.3	18.8
50 to 99 miles	9.9	S	S
100 to 249 miles	12.0	12.8	13.3
250 to 499 miles	13.8	11.8	12.1
500 to 749 miles	14.4	12.6	13.0
750 to 999 miles	17.5	23.8	23.1
1,000 to 1,499 miles	15.9	16.4	17.1
1,500 to 1,999 miles	15.2	21.9	20.6
2,000 miles or more	32.1	33.6	33.4
SCTG 28, Paper or paperboard articles	**6.2**	**7.1**	**8.8**
Less than 50 miles	8.4	12.5	12.3
50 to 99 miles	6.1	8.0	8.3
100 to 249 miles	7.6	9.0	9.3
250 to 499 miles	10.7	12.0	11.8
500 to 749 miles	11.2	14.0	14.0
750 to 999 miles	9.5	12.2	12.4
1,000 to 1,499 miles	20.3	28.9	30.4
1,500 to 1,999 miles	13.3	13.8	13.8
2,000 miles or more	26.0	25.1	25.4
SCTG 29, Printed products	**8.9**	**10.6**	**21.9**
Less than 50 miles	5.6	13.1	12.4
50 to 99 miles	11.7	15.5	16.2
100 to 249 miles	6.4	8.8	8.5
250 to 499 miles	9.3	12.0	13.9
500 to 749 miles	11.5	16.3	16.4
750 to 999 miles	16.7	23.1	24.8
1,000 to 1,499 miles	47.4	S	S
1,500 to 1,999 miles	33.4	22.4	23.0
2,000 miles or more	15.7	20.5	19.5
SCTG 30, Textiles, leather, and articles of textiles or leather	**12.6**	**16.4**	**29.0**
Less than 50 miles	11.8	11.0	13.4
50 to 99 miles	18.3	13.8	13.8
100 to 249 miles	18.3	30.9	34.3
250 to 499 miles	16.7	14.0	15.4
500 to 749 miles	18.1	15.1	15.4
750 to 999 miles	15.0	12.7	13.0
1,000 to 1,499 miles	15.4	16.8	16.0
1,500 to 1,999 miles	18.1	S	S
2,000 miles or more	32.1	36.0	36.2
SCTG 31, Nonmetallic mineral products	**3.0**	**44.6**	**15.8**
Less than 50 miles	7.2	S	S
50 to 99 miles	7.1	9.7	9.6
100 to 249 miles	8.7	11.4	12.9
250 to 499 miles	9.7	19.1	19.1
500 to 749 miles	8.7	17.1	19.3
750 to 999 miles	10.9	20.1	20.8
1,000 to 1,499 miles	16.8	20.6	19.6
1,500 to 1,999 miles	24.5	33.6	32.1
2,000 miles or more	19.5	30.0	29.0
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**4.6**	**9.7**	**6.6**
Less than 50 miles	5.5	19.0	6.1
50 to 99 miles	7.1	15.1	12.4
100 to 249 miles	6.1	6.9	9.0
250 to 499 miles	8.4	11.4	11.9
500 to 749 miles	5.9	10.8	11.3
750 to 999 miles	14.5	24.9	28.1
1,000 to 1,499 miles	12.2	20.4	19.4
1,500 to 1,999 miles	14.6	19.5	19.8
2,000 miles or more	17.3	25.0	24.7

See footnotes at end of table.

Table B–8. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Division: 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	**6.7**	**7.3**	**11.5**
Less than 50 miles	6.5	10.3	11.1
50 to 99 miles	11.0	12.1	11.9
100 to 249 miles	5.9	5.0	5.3
250 to 499 miles	9.3	9.8	10.0
500 to 749 miles	15.8	14.2	14.3
750 to 999 miles	10.5	17.6	17.0
1,000 to 1,499 miles	13.3	30.6	31.4
1,500 to 1,999 miles	36.3	12.2	12.1
2,000 miles or more	28.0	30.7	31.4
SCTG 34, Machinery	**4.1**	**6.5**	**13.0**
Less than 50 miles	6.6	5.6	7.0
50 to 99 miles	6.8	18.3	18.8
100 to 249 miles	9.9	12.9	11.9
250 to 499 miles	6.5	7.3	7.4
500 to 749 miles	5.7	7.2	6.8
750 to 999 miles	6.2	12.4	15.0
1,000 to 1,499 miles	19.6	25.7	23.9
1,500 to 1,999 miles	16.5	25.8	27.2
2,000 miles or more	33.8	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**5.2**	**5.2**	**6.3**
Less than 50 miles	9.3	9.4	10.3
50 to 99 miles	9.1	10.8	10.8
100 to 249 miles	12.2	7.2	7.2
250 to 499 miles	8.1	12.8	12.8
500 to 749 miles	6.7	7.5	7.1
750 to 999 miles	9.4	7.7	7.6
1,000 to 1,499 miles	11.4	13.3	13.6
1,500 to 1,999 miles	9.4	11.9	11.5
2,000 miles or more	11.2	21.1	21.1
SCTG 36, Motorized and other vehicles (including parts)	**5.9**	**8.0**	**7.0**
Less than 50 miles	10.2	13.0	10.0
50 to 99 miles	9.0	8.6	7.2
100 to 249 miles	9.4	16.7	18.4
250 to 499 miles	10.5	8.0	9.7
500 to 749 miles	8.4	7.7	7.7
750 to 999 miles	14.0	21.9	21.2
1,000 to 1,499 miles	12.3	9.7	9.9
1,500 to 1,999 miles	11.2	9.0	8.9
2,000 miles or more	16.1	29.8	29.6
SCTG 37, Transportation equipment, n.e.c.	**11.7**	**19.4**	**26.0**
Less than 50 miles	20.4	31.9	40.7
50 to 99 miles	38.4	34.0	35.6
100 to 249 miles	25.4	36.4	42.0
250 to 499 miles	19.3	23.6	24.1
500 to 749 miles	20.4	46.3	S
750 to 999 miles	13.2	33.3	31.4
1,000 to 1,499 miles	29.0	34.4	34.6
1,500 to 1,999 miles	27.0	23.6	23.9
2,000 miles or more	41.8	S	S
SCTG 38, Precision instruments and apparatus	**5.5**	**11.6**	**12.5**
Less than 50 miles	10.2	24.7	39.9
50 to 99 miles	15.9	31.4	27.9
100 to 249 miles	13.0	12.5	14.2
250 to 499 miles	8.4	19.8	21.3
500 to 749 miles	8.6	15.9	16.9
750 to 999 miles	10.3	28.9	28.7
1,000 to 1,499 miles	16.0	19.0	18.6
1,500 to 1,999 miles	14.1	15.2	15.4
2,000 miles or more	22.9	27.7	26.8
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**7.7**	**13.1**	**18.9**
Less than 50 miles	8.2	11.7	17.7
50 to 99 miles	12.8	17.6	19.1
100 to 249 miles	12.7	19.0	20.3
250 to 499 miles	9.1	14.8	14.5
500 to 749 miles	13.5	17.5	16.8
750 to 999 miles	14.2	23.5	24.0
1,000 to 1,499 miles	21.8	25.7	27.4
1,500 to 1,999 miles	12.7	33.0	34.2
2,000 miles or more	S	48.4	S
SCTG 40, Miscellaneous manufactured products	**4.9**	**5.8**	**12.4**
Less than 50 miles	10.0	15.6	13.6
50 to 99 miles	14.1	19.7	22.1
100 to 249 miles	9.8	7.0	7.2
250 to 499 miles	3.6	6.9	6.8
500 to 749 miles	5.2	8.3	8.6
750 to 999 miles	7.8	9.7	10.1
1,000 to 1,499 miles	8.4	23.5	27.0
1,500 to 1,999 miles	13.0	37.4	36.8
2,000 miles or more	14.2	26.8	25.9

See footnotes at end of table.

Table B–8. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Distance Shipped for the Division: 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	**11.1**	**11.4**	**6.4**
Less than 50 miles	15.0	17.5	22.6
50 to 99 miles	17.4	18.7	17.9
100 to 249 miles	22.9	12.8	13.7
250 to 499 miles	12.0	15.0	16.4
500 to 749 miles	16.6	23.7	21.7
750 to 999 miles	32.6	31.6	32.3
1,000 to 1,499 miles	46.8	33.2	32.7
1,500 to 1,999 miles	34.4	34.7	35.3
2,000 miles or more	S	S	S
SCTG 43, Mixed freight	**9.5**	**11.7**	**11.0**
Less than 50 miles	9.9	11.2	12.0
50 to 99 miles	18.8	24.5	23.0
100 to 249 miles	11.8	14.8	15.2
250 to 499 miles	43.1	26.9	29.0
500 to 749 miles	30.1	23.2	23.3
750 to 999 miles	S	42.0	40.1
1,000 to 1,499 miles	43.3	33.5	32.3
1,500 to 1,999 miles	31.6	33.8	34.2
2,000 miles or more	S	S	S
Commodity unknown	**13.4**	**24.5**	**24.1**
Less than 50 miles	17.2	28.3	23.9
50 to 99 miles	18.6	41.8	40.3
100 to 249 miles	18.2	28.3	30.0
250 to 499 miles	33.3	38.9	38.3
500 to 749 miles	34.5	26.2	25.8
750 to 999 miles	21.4	33.7	35.8
1,000 to 1,499 miles	34.8	37.6	39.5
1,500 to 1,999 miles	35.2	46.0	44.0
2,000 miles or more	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.

Table B–9. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Division: 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	**1.3**	**4.5**	**2.6**
Less than 50 lb	3.8	5.0	6.9
50 to 99 lb	5.7	5.1	7.4
100 to 499 lb	2.5	4.1	3.7
500 to 749 lb	4.6	3.9	16.7
750 to 999 lb	3.4	3.1	2.7
1,000 to 9,999 lb	2.9	5.7	4.3
10,000 to 49,999 lb	2.1	4.3	2.4
50,000 to 99,999 lb	10.7	8.8	6.6
100,000 lb or more	6.1	11.5	4.5
SCTG 01, Live animals and live fish	**30.2**	**28.8**	**34.5**
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	24.4	23.5	30.9
750 to 999 lb	47.6	39.2	39.1
1,000 to 9,999 lb	S	S	S
10,000 to 49,999 lb	30.2	28.3	34.2
50,000 to 99,999 lb	24.9	25.3	28.7
100,000 lb or more	37.8	38.4	40.9
SCTG 02, Cereal grains	**9.4**	**8.2**	**9.4**
Less than 50 lb	35.5	37.1	29.6
50 to 99 lb	S	27.9	27.2
100 to 499 lb	24.1	26.4	27.4
500 to 749 lb	S	32.0	33.1
750 to 999 lb	48.6	29.1	41.9
1,000 to 9,999 lb	23.8	18.6	27.6
10,000 to 49,999 lb	34.1	18.9	25.1
50,000 to 99,999 lb	16.0	16.3	15.3
100,000 lb or more	9.0	9.6	10.2
SCTG 03, Other agricultural products	**7.3**	**7.3**	**15.7**
Less than 50 lb	29.2	34.8	48.5
50 to 99 lb	26.2	S	25.0
100 to 499 lb	17.6	28.9	18.1
500 to 749 lb	20.9	28.5	22.7
750 to 999 lb	21.1	27.0	19.5
1,000 to 9,999 lb	14.4	16.5	16.7
10,000 to 49,999 lb	17.4	19.7	22.5
50,000 to 99,999 lb	10.3	10.9	12.5
100,000 lb or more	15.9	15.8	17.6
SCTG 04, Animal feed and products of animal origin, n.e.c.	**10.4**	**7.9**	**10.7**
Less than 50 lb	23.8	20.8	43.3
50 to 99 lb	23.0	17.1	25.0
100 to 499 lb	32.0	20.0	43.4
500 to 749 lb	43.0	17.7	45.2
750 to 999 lb	38.7	20.7	32.2
1,000 to 9,999 lb	18.4	17.9	31.1
10,000 to 49,999 lb	13.4	11.6	21.6
50,000 to 99,999 lb	20.0	21.9	20.0
100,000 lb or more	17.9	10.9	13.4
SCTG 05, Meat, fish, seafood, and their preparations	**8.4**	**7.4**	**11.0**
Less than 50 lb	24.6	22.7	39.2
50 to 99 lb	37.4	25.4	25.6
100 to 499 lb	18.0	14.4	11.3
500 to 749 lb	10.0	12.1	11.4
750 to 999 lb	10.9	12.1	13.8
1,000 to 9,999 lb	9.5	10.4	8.5
10,000 to 49,999 lb	11.0	9.7	13.0
50,000 to 99,999 lb	36.0	36.6	37.1
100,000 lb or more	30.7	26.7	S
SCTG 06, Milled grain products and preparations, and bakery products	**5.9**	**10.0**	**12.2**
Less than 50 lb	24.6	22.1	43.6
50 to 99 lb	20.5	24.8	22.4
100 to 499 lb	24.4	24.4	15.7
500 to 749 lb	21.2	19.3	18.1
750 to 999 lb	24.5	20.1	24.9
1,000 to 9,999 lb	16.4	17.5	21.7
10,000 to 49,999 lb	6.7	8.2	8.7
50,000 to 99,999 lb	37.0	44.0	36.4
100,000 lb or more	18.4	21.5	24.2
SCTG 07, Other prepared foodstuffs and fats and oils	**3.5**	**4.9**	**7.3**
Less than 50 lb	19.8	13.5	30.1
50 to 99 lb	18.8	14.0	17.7
100 to 499 lb	8.4	12.2	10.1
500 to 749 lb	8.2	14.3	12.1
750 to 999 lb	13.5	14.1	24.2
1,000 to 9,999 lb	6.4	8.1	8.1
10,000 to 49,999 lb	4.2	4.3	4.5
50,000 to 99,999 lb	9.9	10.3	17.2
100,000 lb or more	13.5	15.5	18.7

See footnotes at end of table.

Table B–9. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Division: 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	**7.5**	**11.4**	**30.4**
Less than 50 lb	11.6	8.8	17.1
50 to 99 lb	13.3	8.7	10.4
100 to 499 lb	7.5	6.5	5.5
500 to 749 lb	8.1	8.3	7.0
750 to 999 lb	13.3	9.2	8.9
1,000 to 9,999 lb	7.1	7.2	7.6
10,000 to 49,999 lb	24.1	23.1	23.1
50,000 to 99,999 lb	24.3	26.5	33.6
100,000 lb or more	30.5	39.5	S
SCTG 09, Tobacco products	**14.9**	**16.9**	**36.1**
Less than 50 lb	12.0	11.6	20.3
50 to 99 lb	14.0	13.1	29.9
100 to 499 lb	15.4	14.3	29.5
500 to 749 lb	24.8	24.9	42.2
750 to 999 lb	30.1	36.0	42.3
1,000 to 9,999 lb	26.3	31.1	47.1
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	**35.6**	**33.9**	**15.9**
Less than 50 lb	36.2	37.3	S
50 to 99 lb	S	S	S
100 to 499 lb	S	S	S
500 to 749 lb	39.2	43.5	S
750 to 999 lb	S	S	S
1,000 to 9,999 lb	S	41.5	S
10,000 to 49,999 lb	28.2	S	19.0
50,000 to 99,999 lb	46.1	38.2	25.8
100,000 lb or more	S	S	S
SCTG 11, Natural sands	**27.0**	**32.3**	**21.7**
Less than 50 lb	S	S	S
50 to 99 lb	48.1	40.9	46.8
100 to 499 lb	S	34.8	32.4
500 to 749 lb	S	42.4	34.9
750 to 999 lb	S	39.0	45.4
1,000 to 9,999 lb	49.8	22.2	20.6
10,000 to 49,999 lb	34.9	44.9	40.2
50,000 to 99,999 lb	28.4	39.1	30.8
100,000 lb or more	26.3	40.4	25.1
SCTG 12, Gravel and crushed stone	**8.7**	**7.7**	**13.6**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	S
100 to 499 lb	S	32.8	S
500 to 749 lb	S	27.3	38.9
750 to 999 lb	S	S	49.5
1,000 to 9,999 lb	S	18.2	29.9
10,000 to 49,999 lb	9.6	10.7	18.1
50,000 to 99,999 lb	20.6	16.4	16.1
100,000 lb or more	16.2	15.5	22.7
SCTG 13, Nonmetallic minerals n.e.c.	**12.7**	**23.6**	**21.4**
Less than 50 lb	41.8	35.5	S
50 to 99 lb	32.3	35.7	S
100 to 499 lb	46.6	25.7	27.3
500 to 749 lb	33.2	23.5	37.0
750 to 999 lb	S	S	S
1,000 to 9,999 lb	32.6	20.6	30.6
10,000 to 49,999 lb	16.2	35.8	22.3
50,000 to 99,999 lb	15.9	25.0	19.9
100,000 lb or more	21.1	23.0	29.3
SCTG 14, Metallic ores and concentrates	**19.8**	**31.8**	**42.2**
Less than 50 lb	S	S	S
50 to 99 lb	35.2	27.8	35.8
100 to 499 lb	41.6	29.9	31.6
500 to 749 lb	25.9	22.8	25.5
750 to 999 lb	46.1	33.9	36.0
1,000 to 9,999 lb	33.5	21.4	24.7
10,000 to 49,999 lb	18.7	17.2	19.6
50,000 to 99,999 lb	S	49.5	46.3
100,000 lb or more	27.9	32.7	44.0
SCTG 15, Coal	**11.7**	**12.4**	**14.7**
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	S	S	S
1,000 to 9,999 lb	S	41.2	S
10,000 to 49,999 lb	27.7	31.2	25.0
50,000 to 99,999 lb	31.7	32.7	34.8
100,000 lb or more	12.6	14.0	15.6

See footnotes at end of table.

Table B–9. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Division: 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	**16.0**	**13.6**	**25.6**
Less than 50 lb	S	44.7	34.9
50 to 99 lb	26.5	33.6	S
100 to 499 lb	27.6	28.8	21.7
500 to 749 lb	24.3	24.7	18.4
750 to 999 lb	27.9	28.1	28.4
1,000 to 9,999 lb	23.7	16.7	27.1
10,000 to 49,999 lb	11.7	12.1	14.5
50,000 to 99,999 lb	26.9	21.1	19.9
100,000 lb or more	21.0	21.5	50.0
SCTG 18, Fuel oils	**10.3**	**11.4**	**12.6**
Less than 50 lb	38.5	33.1	35.7
50 to 99 lb	35.6	34.1	40.0
100 to 499 lb	32.4	23.1	29.1
500 to 749 lb	32.4	33.0	30.1
750 to 999 lb	25.4	25.1	19.7
1,000 to 9,999 lb	10.7	12.4	9.8
10,000 to 49,999 lb	15.4	14.2	19.6
50,000 to 99,999 lb	13.1	12.9	19.8
100,000 lb or more	22.0	22.0	21.4
SCTG 19, Coal and petroleum products, n.e.c.	**14.0**	**16.0**	**18.0**
Less than 50 lb	25.9	14.6	41.3
50 to 99 lb	22.3	18.9	45.8
100 to 499 lb	32.7	25.0	27.1
500 to 749 lb	18.7	22.0	15.3
750 to 999 lb	23.8	25.6	36.3
1,000 to 9,999 lb	31.3	24.8	32.4
10,000 to 49,999 lb	12.7	17.5	24.8
50,000 to 99,999 lb	20.6	25.4	27.1
100,000 lb or more	23.8	23.1	21.8
SCTG 20, Basic chemicals	**5.7**	**16.9**	**15.5**
Less than 50 lb	16.7	29.2	20.0
50 to 99 lb	19.6	33.8	23.7
100 to 499 lb	16.5	44.2	23.1
500 to 749 lb	18.5	28.9	33.5
750 to 999 lb	44.4	25.1	17.7
1,000 to 9,999 lb	11.0	18.2	11.7
10,000 to 49,999 lb	8.5	23.5	12.2
50,000 to 99,999 lb	22.1	30.0	20.4
100,000 lb or more	21.6	27.7	24.1
SCTG 21, Pharmaceutical products	**16.0**	**12.9**	**14.9**
Less than 50 lb	15.8	17.4	23.5
50 to 99 lb	15.6	22.0	19.1
100 to 499 lb	22.7	16.9	18.9
500 to 749 lb	40.3	20.4	24.9
750 to 999 lb	33.1	15.2	21.2
1,000 to 9,999 lb	27.8	15.6	17.7
10,000 to 49,999 lb	24.8	21.2	22.9
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	S
SCTG 22, Fertilizers	**39.5**	**44.1**	**S**
Less than 50 lb	S	S	S
50 to 99 lb	S	36.3	S
100 to 499 lb	26.2	25.5	20.0
500 to 749 lb	28.0	44.0	40.9
750 to 999 lb	32.2	44.5	30.6
1,000 to 9,999 lb	21.4	23.7	16.0
10,000 to 49,999 lb	40.5	42.6	S
50,000 to 99,999 lb	S	S	S
100,000 lb or more	S	S	S
SCTG 23, Chemical products and preparations, n.e.c.	**6.7**	**9.3**	**7.6**
Less than 50 lb	11.5	13.1	15.0
50 to 99 lb	17.2	15.5	12.9
100 to 499 lb	12.3	12.0	14.0
500 to 749 lb	39.5	13.3	10.7
750 to 999 lb	31.5	24.4	12.3
1,000 to 9,999 lb	9.9	10.4	8.0
10,000 to 49,999 lb	7.2	10.6	8.3
50,000 to 99,999 lb	20.9	24.9	22.6
100,000 lb or more	18.7	17.6	19.6
SCTG 24, Plastics and rubber	**4.7**	**5.0**	**5.1**
Less than 50 lb	9.2	18.4	29.4
50 to 99 lb	6.2	8.3	10.3
100 to 499 lb	6.7	6.8	6.5
500 to 749 lb	8.8	6.6	9.6
750 to 999 lb	7.4	6.5	10.3
1,000 to 9,999 lb	4.9	6.6	6.4
10,000 to 49,999 lb	7.5	6.0	7.0
50,000 to 99,999 lb	27.9	26.2	42.1
100,000 lb or more	22.0	20.6	21.4

See footnotes at end of table.

Table B–9. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Division: 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	**15.7**	**21.2**	**25.7**
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	41.8	28.1	41.4
10,000 to 49,999 lb	28.5	36.9	40.6
50,000 to 99,999 lb	21.4	33.4	31.1
100,000 lb or more	26.5	38.3	43.0
SCTG 26, Wood products	**6.6**	**17.6**	**9.6**
Less than 50 lb	17.6	10.2	15.5
50 to 99 lb	12.9	12.2	16.5
100 to 499 lb	13.7	11.2	11.0
500 to 749 lb	12.5	11.3	13.8
750 to 999 lb	11.4	8.9	19.5
1,000 to 9,999 lb	7.3	44.4	16.2
10,000 to 49,999 lb	9.1	16.0	11.9
50,000 to 99,999 lb	12.0	17.8	15.3
100,000 lb or more	18.8	29.6	17.5
SCTG 27, Pulp, newsprint, paper, and paperboard	**10.1**	**31.9**	**14.9**
Less than 50 lb	15.7	15.2	25.4
50 to 99 lb	16.0	15.4	36.2
100 to 499 lb	11.8	12.1	31.3
500 to 749 lb	14.9	15.0	29.5
750 to 999 lb	16.6	14.7	29.8
1,000 to 9,999 lb	17.9	12.8	17.9
10,000 to 49,999 lb	10.9	12.7	15.6
50,000 to 99,999 lb	17.9	21.0	23.9
100,000 lb or more	14.2	S	30.4
SCTG 28, Paper or paperboard articles	**6.2**	**7.1**	**8.8**
Less than 50 lb	16.3	15.3	24.9
50 to 99 lb	13.5	12.6	18.5
100 to 499 lb	6.6	7.5	9.2
500 to 749 lb	13.4	8.5	21.7
750 to 999 lb	10.2	10.6	11.3
1,000 to 9,999 lb	8.8	9.1	9.7
10,000 to 49,999 lb	8.9	8.8	10.9
50,000 to 99,999 lb	28.4	39.4	44.8
100,000 lb or more	31.7	48.4	S
SCTG 29, Printed products	**8.9**	**10.6**	**21.9**
Less than 50 lb	11.4	9.7	17.4
50 to 99 lb	20.9	15.2	30.6
100 to 499 lb	22.6	12.3	29.2
500 to 749 lb	14.1	23.3	29.0
750 to 999 lb	20.1	19.6	37.7
1,000 to 9,999 lb	11.0	18.1	42.3
10,000 to 49,999 lb	8.3	9.2	10.2
50,000 to 99,999 lb	29.0	22.2	33.3
100,000 lb or more	16.4	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**12.6**	**16.4**	**29.0**
Less than 50 lb	14.9	13.6	19.3
50 to 99 lb	36.8	22.9	29.3
100 to 499 lb	13.4	9.8	10.3
500 to 749 lb	11.8	13.4	9.5
750 to 999 lb	11.9	12.8	14.9
1,000 to 9,999 lb	16.3	11.0	16.8
10,000 to 49,999 lb	34.8	41.9	S
50,000 to 99,999 lb	S	38.5	48.5
100,000 lb or more	S	S	S
SCTG 31, Nonmetallic mineral products	**3.0**	**44.6**	**15.8**
Less than 50 lb	25.7	20.6	25.3
50 to 99 lb	18.9	17.5	28.8
100 to 499 lb	20.1	21.1	21.1
500 to 749 lb	18.6	30.1	21.7
750 to 999 lb	14.2	13.7	15.5
1,000 to 9,999 lb	12.2	29.5	10.8
10,000 to 49,999 lb	4.7	12.2	4.3
50,000 to 99,999 lb	7.4	32.4	13.6
100,000 lb or more	36.3	S	39.1
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**4.6**	**9.7**	**6.6**
Less than 50 lb	14.8	11.8	14.0
50 to 99 lb	11.6	9.3	12.2
100 to 499 lb	8.7	9.2	10.2
500 to 749 lb	9.0	8.8	8.6
750 to 999 lb	15.4	8.2	11.7
1,000 to 9,999 lb	3.4	6.0	4.9
10,000 to 49,999 lb	7.0	9.9	8.4
50,000 to 99,999 lb	8.8	17.6	6.9
100,000 lb or more	13.3	14.2	15.1

See footnotes at end of table.

Table B–9. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size for the Division: 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	**6.7**	**7.3**	**11.5**
Less than 50 lb	12.1	16.3	42.5
50 to 99 lb	33.2	22.6	34.6
100 to 499 lb	17.1	10.2	21.7
500 to 749 lb	16.8	12.8	13.0
750 to 999 lb	13.4	10.4	11.4
1,000 to 9,999 lb	9.0	14.7	24.4
10,000 to 49,999 lb	6.4	6.7	8.6
50,000 to 99,999 lb	17.0	18.9	28.3
100,000 lb or more	24.2	30.3	35.5
SCTG 34, Machinery	**4.1**	**6.5**	**13.0**
Less than 50 lb	9.0	11.8	15.5
50 to 99 lb	6.8	8.8	9.5
100 to 499 lb	4.4	6.3	6.7
500 to 749 lb	21.7	33.3	S
750 to 999 lb	10.4	11.8	14.5
1,000 to 9,999 lb	4.0	5.6	8.1
10,000 to 49,999 lb	6.6	6.9	12.9
50,000 to 99,999 lb	18.3	31.9	27.8
100,000 lb or more	20.2	26.6	40.4
SCTG 35, Electronic and other electrical equipment and components and office equipment	**5.2**	**5.2**	**6.3**
Less than 50 lb	6.7	6.6	9.2
50 to 99 lb	12.8	8.4	16.7
100 to 499 lb	7.5	6.6	13.1
500 to 749 lb	7.4	11.5	14.1
750 to 999 lb	15.6	9.0	12.1
1,000 to 9,999 lb	9.8	5.6	7.2
10,000 to 49,999 lb	8.8	8.0	9.8
50,000 to 99,999 lb	27.4	29.7	35.2
100,000 lb or more	28.6	46.6	44.1
SCTG 36, Motorized and other vehicles (including parts)	**5.9**	**8.0**	**7.0**
Less than 50 lb	8.9	10.6	16.4
50 to 99 lb	13.7	11.0	15.9
100 to 499 lb	16.3	8.9	13.3
500 to 749 lb	16.0	17.7	26.4
750 to 999 lb	17.6	16.1	14.6
1,000 to 9,999 lb	12.7	8.1	9.1
10,000 to 49,999 lb	8.4	6.9	7.4
50,000 to 99,999 lb	23.0	11.7	14.7
100,000 lb or more	31.4	39.6	43.2
SCTG 37, Transportation equipment, n.e.c.	**11.7**	**19.4**	**26.0**
Less than 50 lb	22.7	24.3	25.8
50 to 99 lb	31.6	23.4	21.8
100 to 499 lb	26.1	20.6	23.7
500 to 749 lb	28.6	24.3	24.2
750 to 999 lb	41.6	32.9	37.3
1,000 to 9,999 lb	14.3	12.8	13.4
10,000 to 49,999 lb	18.9	20.2	20.9
50,000 to 99,999 lb	S	S	S
100,000 lb or more	41.2	46.1	S
SCTG 38, Precision instruments and apparatus	**5.5**	**11.6**	**12.5**
Less than 50 lb	10.0	10.4	11.2
50 to 99 lb	11.8	13.9	23.0
100 to 499 lb	17.1	13.5	15.4
500 to 749 lb	19.8	21.8	24.8
750 to 999 lb	20.5	20.1	25.6
1,000 to 9,999 lb	12.6	25.5	16.3
10,000 to 49,999 lb	38.6	29.8	31.7
50,000 to 99,999 lb	–	–	–
100,000 lb or more	S	S	S
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**7.7**	**13.1**	**18.9**
Less than 50 lb	13.4	11.7	17.9
50 to 99 lb	9.6	13.4	17.4
100 to 499 lb	8.2	10.4	18.1
500 to 749 lb	9.3	9.7	17.1
750 to 999 lb	11.8	10.2	13.4
1,000 to 9,999 lb	6.6	8.7	13.6
10,000 to 49,999 lb	16.0	23.8	33.3
50,000 to 99,999 lb	46.3	S	S
100,000 lb or more	42.5	39.6	49.7
SCTG 40, Miscellaneous manufactured products	**4.9**	**5.8**	**12.4**
Less than 50 lb	7.8	8.9	9.5
50 to 99 lb	7.4	7.7	8.1
100 to 499 lb	5.2	14.3	11.9
500 to 749 lb	10.0	10.7	13.8
750 to 999 lb	12.6	11.6	11.9
1,000 to 9,999 lb	11.2	9.3	10.9
10,000 to 49,999 lb	11.8	9.2	9.6
50,000 to 99,999 lb	21.9	17.9	S
100,000 lb or more	32.6	S	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 Division: 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	**11.1**	**11.4**	**6.4**
Less than 50 lb	S	S	S
50 to 99 lb	S	S	S
100 to 499 lb	S	28.9	S
500 to 749 lb	S	S	S
750 to 999 lb	S	43.0	S
1,000 to 9,999 lb	22.2	29.4	32.8
10,000 to 49,999 lb	14.2	16.4	13.3
50,000 to 99,999 lb	9.9	11.6	12.1
100,000 lb or more	13.2	13.5	9.1
SCTG 43, Mixed freight	**9.5**	**11.7**	**11.0**
Less than 50 lb	35.0	34.2	S
50 to 99 lb	14.4	17.9	35.3
100 to 499 lb	14.6	20.8	17.6
500 to 749 lb	15.1	19.8	18.3
750 to 999 lb	16.5	18.3	18.3
1,000 to 9,999 lb	11.0	12.3	11.6
10,000 to 49,999 lb	14.1	15.7	13.6
50,000 to 99,999 lb	S	46.6	S
100,000 lb or more	S	S	S
Commodity unknown	**13.4**	**24.5**	**24.1**
Less than 50 lb	20.7	30.3	40.6
50 to 99 lb	34.2	22.9	50.0
100 to 499 lb	21.1	18.9	30.3
500 to 749 lb	44.0	19.6	21.0
750 to 999 lb	35.6	36.4	26.2
1,000 to 9,999 lb	17.5	33.1	31.1
10,000 to 49,999 lb	26.2	24.9	22.4
50,000 to 99,999 lb	45.3	31.9	27.5
100,000 lb or more	S	49.7	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.

Table B–10. Coefficients of Variation for Shipment Characteristics by Two-Digit Commodity and Shipment Size by Distance Shipped for the Division: 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	**1.3**	**4.5**	**2.6**	**4.8**	**2.7**	**6.8**	**7.1**	**3.0**	**7.0**	**6.8**
Less than 50 lb	3.8	5.0	6.9	4.8	4.7	6.2	6.1	4.5	5.5	5.1
50 to 99 lb	5.7	5.1	7.4	4.9	8.6	6.2	5.7	6.1	6.4	6.4
100 to 499 lb	2.5	4.1	3.7	3.6	3.3	5.9	6.0	4.7	4.8	4.6
500 to 749 lb	4.6	3.9	16.7	9.4	5.2	4.0	4.5	7.6	5.6	6.0
750 to 999 lb	3.4	3.1	2.7	2.3	6.8	4.8	4.9	11.8	7.8	7.3
1,000 to 9,999 lb	2.9	5.7	4.3	3.0	4.4	8.5	10.3	4.3	5.3	4.6
10,000 to 49,999 lb	2.1	4.3	2.4	3.3	3.3	6.6	8.8	4.4	5.1	4.6
50,000 to 99,999 lb	10.7	8.8	6.6	4.1	13.6	10.0	10.7	13.2	13.2	13.2
100,000 lb or more	6.1	11.5	4.5	14.4	11.6	21.8	21.5	12.8	22.2	18.3
SCTG 01, Live animals and live fish	**30.2**	**28.8**	**34.5**	**14.0**	**23.1**	**27.3**	**26.9**	**36.1**	**35.1**	**34.5**
Less than 50 lb	S	S	S	19.8	S	S	S	S	S	S
50 to 99 lb	S	S	S	20.2	S	S	S	S	S	S
100 to 499 lb	S	S	S	25.2	S	S	S	S	S	S
500 to 749 lb	24.4	23.5	30.9	35.1	25.9	25.4	29.7	S	S	S
750 to 999 lb	47.6	39.2	39.1	22.6	S	42.5	44.3	S	S	S
1,000 to 9,999 lb	S	S	S	22.1	24.5	29.6	29.1	26.5	26.9	27.0
10,000 to 49,999 lb	30.2	28.3	34.2	8.8	27.9	31.3	31.5	34.5	34.0	32.9
50,000 to 99,999 lb	24.9	25.3	28.7	12.8	39.3	43.2	48.7	S	S	S
100,000 lb or more	37.8	38.4	40.9	19.2	S	S	S	S	S	S
SCTG 02, Cereal grains	**9.4**	**8.2**	**9.4**	**19.6**	**15.9**	**15.5**	**16.0**	**17.2**	**19.2**	**20.4**
Less than 50 lb	35.5	37.1	29.6	S	41.7	38.4	36.1	S	S	S
50 to 99 lb	S	27.9	27.2	S	S	28.3	34.5	S	S	S
100 to 499 lb	24.1	26.4	27.4	S	25.8	27.1	32.9	S	43.6	42.0
500 to 749 lb	S	32.0	33.1	S	31.5	28.7	26.5	S	S	S
750 to 999 lb	48.6	29.1	41.9	S	S	32.5	S	S	S	S
1,000 to 9,999 lb	23.8	18.6	27.6	46.1	26.5	20.7	16.1	43.6	33.5	34.2
10,000 to 49,999 lb	34.1	18.9	25.1	29.2	22.2	26.6	25.9	37.7	47.7	41.2
50,000 to 99,999 lb	16.0	16.3	15.3	14.7	18.0	18.1	17.6	30.2	31.4	34.0
100,000 lb or more	9.0	9.6	10.2	5.1	28.3	24.7	26.6	30.2	31.9	29.7
SCTG 03, Other agricultural products	**7.3**	**7.3**	**15.7**	**17.1**	**13.1**	**14.1**	**13.4**	**12.1**	**17.9**	**16.3**
Less than 50 lb	29.2	34.8	48.5	16.5	41.3	S	S	25.8	25.4	29.4
50 to 99 lb	26.2	S	25.0	S	34.8	S	S	30.8	28.7	28.9
100 to 499 lb	17.6	28.9	18.1	15.3	22.2	34.5	32.1	22.5	30.7	29.0
500 to 749 lb	20.9	28.5	22.7	23.9	20.4	32.5	42.0	39.2	39.4	39.4
750 to 999 lb	21.1	27.0	19.5	36.0	37.1	43.6	27.2	23.6	27.8	26.0
1,000 to 9,999 lb	14.4	16.5	16.7	40.8	19.9	21.9	37.5	26.8	S	43.9
10,000 to 49,999 lb	17.4	19.7	22.5	20.1	25.4	26.5	20.3	21.8	37.4	32.1
50,000 to 99,999 lb	10.3	10.9	12.5	9.7	13.9	14.3	16.8	27.6	27.1	27.6
100,000 lb or more	15.9	15.8	17.6	11.0	48.5	S	49.6	24.1	24.0	18.5
SCTG 04, Animal feed and products of animal origin, n.e.c.	**10.4**	**7.9**	**10.7**	**20.7**	**17.0**	**16.5**	**16.0**	**26.5**	**14.6**	**12.7**
Less than 50 lb	23.8	20.8	43.3	24.9	22.5	20.4	20.0	S	S	S
50 to 99 lb	23.0	17.1	25.0	26.2	20.3	17.3	17.8	S	41.9	43.9
100 to 499 lb	32.0	20.0	43.4	15.5	22.6	19.4	18.1	S	32.0	32.9
500 to 749 lb	43.0	17.7	45.2	21.4	27.3	17.2	14.9	S	33.1	33.9
750 to 999 lb	38.7	20.7	32.2	32.4	28.2	20.9	17.8	S	36.9	38.3
1,000 to 9,999 lb	18.4	17.9	31.1	19.9	18.8	20.9	17.0	S	22.5	24.4
10,000 to 49,999 lb	13.4	11.6	21.6	15.4	22.9	17.8	19.8	38.8	17.2	18.1
50,000 to 99,999 lb	20.0	21.9	20.0	16.7	32.4	34.4	30.4	36.3	42.5	35.5
100,000 lb or more	17.9	10.9	13.4	6.9	S	44.0	S	26.5	26.2	26.3
SCTG 05, Meat, fish, seafood, and their preparations	**8.4**	**7.4**	**11.0**	**27.9**	**11.5**	**10.8**	**10.3**	**12.7**	**13.4**	**12.6**
Less than 50 lb	24.6	22.7	39.2	30.2	30.9	26.1	28.2	41.9	45.6	43.4
50 to 99 lb	37.4	25.4	25.6	36.2	34.6	25.2	23.8	S	36.6	38.8
100 to 499 lb	18.0	14.4	11.3	19.9	20.7	16.4	15.7	25.1	20.3	20.2
500 to 749 lb	10.0	12.1	11.4	23.9	15.7	16.6	20.0	20.1	16.8	17.5
750 to 999 lb	10.9	12.1	13.8	25.7	16.1	14.2	15.3	18.6	22.0	24.1
1,000 to 9,999 lb	9.5	10.4	8.5	8.4	15.2	14.1	13.7	12.2	16.2	16.5
10,000 to 49,999 lb	11.0	9.7	13.0	5.6	12.8	14.3	15.9	25.4	24.5	21.5
50,000 to 99,999 lb	36.0	36.6	37.1	26.7	S	S	S	–	–	–
100,000 lb or more	30.7	26.7	S	31.1	36.4	33.7	S	S	S	S
SCTG 06, Milled grain products and preparations, and bakery products	**5.9**	**10.0**	**12.2**	**27.3**	**10.3**	**14.4**	**27.6**	**10.0**	**11.6**	**11.6**
Less than 50 lb	24.6	22.1	43.6	28.8	22.0	22.9	30.1	33.6	34.2	37.6
50 to 99 lb	20.5	24.8	22.4	41.7	22.2	27.0	32.5	47.2	37.9	38.6
100 to 499 lb	24.4	24.4	15.7	33.8	28.2	28.6	30.5	30.3	27.3	27.9
500 to 749 lb	21.2	19.3	18.1	12.0	26.4	26.5	18.6	31.9	24.2	23.5
750 to 999 lb	24.5	20.1	24.9	17.7	27.7	20.4	19.3	31.3	27.2	26.0
1,000 to 9,999 lb	16.4	17.5	21.7	8.1	18.7	15.9	15.6	18.5	16.8	16.9
10,000 to 49,999 lb	6.7	8.2	8.7	4.0	9.0	10.9	13.6	13.9	21.3	21.4
50,000 to 99,999 lb	37.0	44.0	36.4	35.4	S	S	S	35.7	33.1	31.3
100,000 lb or more	18.4	21.5	24.2	7.4	41.1	42.6	46.4	S	S	46.3

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 Division: 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	**3.5**	**4.9**	**7.3**	**20.2**	**5.5**	**6.2**	**6.4**	**6.4**	**9.2**	**8.6**
Less than 50 lb	19.8	13.5	30.1	18.6	26.1	17.5	19.9	22.7	30.1	30.2
50 to 99 lb	18.8	14.0	17.7	29.9	26.1	17.2	20.4	28.3	26.1	25.7
100 to 499 lb	8.4	12.2	10.1	16.3	10.7	13.9	14.9	13.2	19.2	19.3
500 to 749 lb	8.2	14.3	12.1	24.5	12.2	16.9	15.5	18.2	25.2	26.2
750 to 999 lb	13.5	14.1	24.2	28.0	15.1	17.4	12.1	15.6	29.4	29.0
1,000 to 9,999 lb	6.4	8.1	8.1	13.4	9.9	10.0	9.4	10.4	16.9	16.3
10,000 to 49,999 lb	4.2	4.3	4.5	3.8	6.0	5.2	5.6	8.2	12.3	12.2
50,000 to 99,999 lb	9.9	10.3	17.2	14.9	13.6	14.7	17.7	18.1	20.0	18.0
100,000 lb or more	13.5	15.5	18.7	5.6	23.4	21.5	37.1	29.5	39.3	38.8
SCTG 08, Alcoholic beverages	**7.5**	**11.4**	**30.4**	**8.0**	**5.2**	**6.4**	**7.1**	**18.0**	**25.7**	**26.0**
Less than 50 lb	11.6	8.8	17.1	10.2	13.4	10.0	10.8	17.1	14.3	14.6
50 to 99 lb	13.3	8.7	10.4	8.0	13.9	9.3	8.3	21.8	21.8	21.7
100 to 499 lb	7.5	6.5	5.5	7.3	8.2	7.2	6.6	20.5	17.2	17.0
500 to 749 lb	8.1	8.3	7.0	6.2	8.3	8.7	8.8	33.2	21.9	21.2
750 to 999 lb	13.3	9.2	8.9	6.1	14.6	9.7	10.2	33.1	26.3	25.9
1,000 to 9,999 lb	7.1	7.2	7.6	4.6	7.3	7.4	7.9	30.5	32.2	29.9
10,000 to 49,999 lb	24.1	23.1	23.1	17.8	20.6	21.7	25.5	37.3	33.4	31.9
50,000 to 99,999 lb	24.3	26.5	33.6	15.1	26.4	30.3	35.6	S	S	S
100,000 lb or more	30.5	39.5	S	20.0	41.3	37.5	43.0	S	S	S
SCTG 09, Tobacco products	**14.9**	**16.9**	**36.1**	**16.1**	**13.4**	**17.4**	**22.3**	**20.1**	**28.2**	**29.8**
Less than 50 lb	12.0	11.6	20.3	14.5	12.3	13.3	14.0	26.5	26.8	25.7
50 to 99 lb	14.0	13.1	29.9	19.9	15.4	16.1	15.3	34.2	26.1	26.3
100 to 499 lb	15.4	14.3	29.5	16.2	16.0	14.7	15.5	20.8	23.4	23.1
500 to 749 lb	24.8	24.9	42.2	26.6	30.9	26.3	33.7	35.7	33.7	35.6
750 to 999 lb	30.1	36.0	42.3	21.2	34.4	37.8	S	35.3	32.5	32.1
1,000 to 9,999 lb	26.3	31.1	47.1	40.0	29.2	36.2	44.3	44.5	49.3	S
10,000 to 49,999 lb	S	S	S	22.2	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–	–
SCTG 10, Monumental or building stone	**35.6**	**33.9**	**15.9**	**42.2**	**S**	**38.8**	**36.8**	**S**	**42.4**	**41.9**
Less than 50 lb	36.2	37.3	S	26.8	46.8	S	S	S	S	S
50 to 99 lb	S	S	S	38.9	S	S	S	S	S	S
100 to 499 lb	S	S	S	S	S	S	S	S	S	S
500 to 749 lb	39.2	43.5	S	24.2	S	S	S	S	S	S
750 to 999 lb	S	S	S	36.6	S	S	S	S	S	S
1,000 to 9,999 lb	S	41.5	S	30.4	S	S	S	S	S	S
10,000 to 49,999 lb	28.2	S	19.0	S	S	S	S	42.1	49.3	49.8
50,000 to 99,999 lb	46.1	38.2	25.8	S	S	42.1	39.5	–	–	–
100,000 lb or more	S	S	S	S	S	S	S	–	–	–
SCTG 11, Natural sands	**27.0**	**32.3**	**21.7**	**19.9**	**36.6**	**35.8**	**39.5**	**17.9**	**23.8**	**23.7**
Less than 50 lb	S	S	S	22.4	S	S	S	–	–	–
50 to 99 lb	48.1	40.9	46.8	30.6	S	42.8	S	S	S	S
100 to 499 lb	S	34.8	32.4	S	S	36.7	44.7	S	S	S
500 to 749 lb	S	42.4	34.9	S	S	45.1	44.3	S	47.6	48.8
750 to 999 lb	S	39.0	45.4	S	S	43.3	S	S	S	S
1,000 to 9,999 lb	49.8	22.2	20.6	44.8	S	23.2	28.1	S	33.7	35.1
10,000 to 49,999 lb	34.9	44.9	40.2	40.8	43.5	48.9	S	18.5	32.5	31.1
50,000 to 99,999 lb	28.4	39.1	30.8	20.9	33.0	42.4	39.0	22.8	31.0	31.5
100,000 lb or more	26.3	40.4	25.1	33.1	49.8	S	S	28.3	43.7	43.8
SCTG 12, Gravel and crushed stone	**8.7**	**7.7**	**13.6**	**7.8**	**9.9**	**9.5**	**12.9**	**16.9**	**16.5**	**17.2**
Less than 50 lb	S	S	S	22.4	S	S	S	–	–	–
50 to 99 lb	S	S	S	23.8	S	S	S	S	S	S
100 to 499 lb	S	32.8	S	29.7	S	34.9	28.6	S	S	S
500 to 749 lb	S	27.3	38.9	34.2	S	32.5	42.3	S	S	S
750 to 999 lb	S	S	49.5	S	S	S	S	S	S	S
1,000 to 9,999 lb	S	18.2	29.9	20.6	S	18.6	27.2	S	S	S
10,000 to 49,999 lb	9.6	10.7	18.1	8.5	9.5	10.8	16.7	23.1	21.5	21.0
50,000 to 99,999 lb	20.6	16.4	16.1	8.1	22.3	17.1	18.3	20.0	21.8	21.4
100,000 lb or more	16.2	15.5	22.7	28.0	21.6	20.9	19.1	30.5	30.1	31.3
SCTG 13, Nonmetallic minerals n.e.c.	**12.7**	**23.6**	**21.4**	**25.1**	**19.7**	**29.4**	**26.3**	**25.0**	**24.1**	**25.4**
Less than 50 lb	41.8	35.5	S	17.8	47.7	31.9	42.3	S	S	S
50 to 99 lb	32.3	35.7	S	S	34.8	39.4	46.6	S	S	S
100 to 499 lb	46.6	25.7	27.3	S	S	26.7	40.1	S	40.5	40.0
500 to 749 lb	33.2	23.5	37.0	S	33.6	24.8	32.4	S	S	S
750 to 999 lb	S	S	S	49.5	S	39.0	43.8	–	–	–
1,000 to 9,999 lb	32.6	20.6	30.6	23.5	24.7	24.0	22.2	46.4	42.6	47.5
10,000 to 49,999 lb	16.2	35.8	22.3	S	27.2	38.8	39.5	22.5	22.0	22.6
50,000 to 99,999 lb	15.9	25.0	19.9	44.8	21.9	32.3	30.4	33.6	33.2	32.3
100,000 lb or more	21.1	23.0	29.3	31.6	35.1	44.3	48.7	47.1	44.6	48.4

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 Division: 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	**19.8**	**31.8**	**42.2**	**10.5**	**35.5**	**47.1**	**48.9**	**S**	**46.9**	**46.3**
Less than 50 lb	S	S	S	20.8	45.2	44.0	34.5	S	S	S
50 to 99 lb	35.2	27.8	35.8	37.2	S	47.3	S	S	S	S
100 to 499 lb	41.6	29.9	31.6	24.6	29.3	28.3	38.5	S	40.2	41.9
500 to 749 lb	25.9	22.8	25.5	S	43.2	32.5	34.9	S	S	S
750 to 999 lb	46.1	33.9	36.0	35.8	S	S	S	S	S	S
1,000 to 9,999 lb	33.5	21.4	24.7	36.0	31.3	29.1	40.7	S	31.1	28.7
10,000 to 49,999 lb	18.7	17.2	19.6	16.9	38.6	25.5	30.6	S	49.8	49.7
50,000 to 99,999 lb	S	49.5	46.3	22.4	S	S	S	S	S	S
100,000 lb or more	27.9	32.7	44.0	22.0	47.1	47.6	49.1	–	–	–
SCTG 15, Coal	**11.7**	**12.4**	**14.7**	**16.8**	**11.8**	**14.9**	**11.1**	**25.6**	**25.7**	**25.0**
Less than 50 lb	–	–	–	–	–	–	–	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	22.4	S	S	S	–	–	–
500 to 749 lb	S	S	S	21.8	S	S	S	S	S	S
750 to 999 lb	S	S	S	22.4	S	S	S	–	–	–
1,000 to 9,999 lb	S	41.2	S	45.7	S	42.4	45.1	–	–	–
10,000 to 49,999 lb	27.7	31.2	25.0	23.8	36.4	38.5	35.9	32.9	44.1	44.8
50,000 to 99,999 lb	31.7	32.7	34.8	19.1	32.9	35.7	27.2	47.2	S	S
100,000 lb or more	12.6	14.0	15.6	10.1	16.1	19.5	13.4	27.3	25.8	24.1
SCTG 17, Gasoline and aviation turbine fuel	**16.0**	**13.6**	**25.6**	**8.6**	**19.4**	**15.0**	**22.0**	**25.0**	**26.3**	**26.5**
Less than 50 lb	S	44.7	34.9	S	S	44.8	35.5	S	S	S
50 to 99 lb	26.5	33.6	S	46.4	28.7	36.0	29.2	S	S	S
100 to 499 lb	27.6	28.8	21.7	18.8	28.1	29.4	25.7	S	S	S
500 to 749 lb	24.3	24.7	18.4	16.6	25.9	25.0	18.8	S	S	S
750 to 999 lb	27.9	28.1	28.4	15.9	28.0	28.2	29.0	S	S	S
1,000 to 9,999 lb	23.7	16.7	27.1	11.9	26.2	18.4	39.2	39.3	26.9	26.9
10,000 to 49,999 lb	11.7	12.1	14.5	8.2	12.1	11.7	14.5	25.5	26.3	27.9
50,000 to 99,999 lb	26.9	21.1	19.9	7.6	31.3	23.9	29.9	35.0	35.3	35.2
100,000 lb or more	21.0	21.5	50.0	20.6	17.2	17.5	26.7	S	40.1	41.5
SCTG 18, Fuel oils	**10.3**	**11.4**	**12.6**	**10.3**	**12.5**	**14.2**	**14.4**	**17.3**	**17.6**	**17.7**
Less than 50 lb	38.5	33.1	35.7	S	39.0	33.7	29.7	S	S	S
50 to 99 lb	35.6	34.1	40.0	29.2	31.1	34.5	37.1	S	S	S
100 to 499 lb	32.4	23.1	29.1	11.3	32.9	23.6	33.3	42.3	S	48.8
500 to 749 lb	32.4	33.0	30.1	9.9	32.5	33.1	31.4	–	–	–
750 to 999 lb	25.4	25.1	19.7	9.3	25.6	25.3	19.5	S	S	S
1,000 to 9,999 lb	10.7	12.4	9.8	11.2	11.4	13.1	12.1	23.7	24.2	24.6
10,000 to 49,999 lb	15.4	14.2	19.6	12.6	15.1	14.1	13.1	31.1	26.9	29.3
50,000 to 99,999 lb	13.1	12.9	19.8	10.4	12.5	11.9	12.7	27.5	26.7	26.8
100,000 lb or more	22.0	22.0	21.4	25.9	27.8	27.6	37.0	37.9	36.7	36.8
SCTG 19, Coal and petroleum products, n.e.c.	**14.0**	**16.0**	**18.0**	**22.6**	**18.7**	**19.3**	**27.9**	**15.1**	**16.7**	**16.0**
Less than 50 lb	25.9	14.6	41.3	24.7	21.4	18.5	19.5	47.4	36.0	36.7
50 to 99 lb	22.3	18.9	45.8	24.8	14.2	19.5	23.9	32.9	49.8	S
100 to 499 lb	32.7	25.0	27.1	29.6	39.7	27.6	34.3	38.0	44.8	44.2
500 to 749 lb	18.7	22.0	15.3	41.8	22.1	24.8	26.0	S	S	S
750 to 999 lb	23.8	25.6	36.3	27.7	24.1	28.3	30.1	S	S	S
1,000 to 9,999 lb	31.3	24.8	32.4	18.5	25.1	24.6	27.3	28.6	26.0	27.0
10,000 to 49,999 lb	12.7	17.5	24.8	27.9	18.9	21.1	29.8	19.2	23.1	22.6
50,000 to 99,999 lb	20.6	25.4	27.1	43.8	26.0	29.9	S	31.5	36.2	38.5
100,000 lb or more	23.8	23.1	21.8	18.6	40.7	30.0	29.7	41.5	46.7	44.0
SCTG 20, Basic chemicals	**5.7**	**16.9**	**15.5**	**23.6**	**9.7**	**21.9**	**30.4**	**8.3**	**20.0**	**21.5**
Less than 50 lb	16.7	29.2	20.0	20.4	30.2	39.7	31.3	35.5	33.1	32.7
50 to 99 lb	19.6	33.8	23.7	S	31.1	38.7	38.8	32.1	31.2	31.6
100 to 499 lb	16.5	44.2	23.1	S	24.4	48.2	S	32.7	20.3	20.4
500 to 749 lb	18.5	28.9	33.5	31.0	21.4	37.6	43.1	34.5	25.3	23.3
750 to 999 lb	44.4	25.1	17.7	S	22.8	29.2	32.0	27.9	26.2	25.0
1,000 to 9,999 lb	11.0	18.2	11.7	23.2	13.7	22.5	20.9	15.0	18.2	18.3
10,000 to 49,999 lb	8.5	23.5	12.2	14.3	14.7	34.0	41.6	12.4	23.8	25.1
50,000 to 99,999 lb	22.1	30.0	20.4	30.7	46.9	44.7	43.7	40.7	36.1	37.2
100,000 lb or more	21.6	27.7	24.1	14.6	S	S	31.0	S	S	S
SCTG 21, Pharmaceutical products	**16.0**	**12.9**	**14.9**	**9.6**	**12.9**	**16.7**	**15.6**	**13.1**	**19.5**	**20.3**
Less than 50 lb	15.8	17.4	23.5	9.8	17.7	23.3	24.0	16.0	21.5	19.7
50 to 99 lb	15.6	22.0	19.1	16.5	28.5	27.7	24.9	42.0	40.6	42.2
100 to 499 lb	22.7	16.9	18.9	8.8	18.2	14.3	16.1	26.2	25.4	25.2
500 to 749 lb	40.3	20.4	24.9	10.4	22.5	23.7	29.0	S	29.4	27.2
750 to 999 lb	33.1	15.2	21.2	21.0	28.1	21.8	25.6	S	40.6	40.8
1,000 to 9,999 lb	27.8	15.6	17.7	10.3	20.7	23.9	27.7	27.4	30.9	33.2
10,000 to 49,999 lb	24.8	21.2	22.9	22.8	30.5	32.0	38.0	S	42.3	41.3
50,000 to 99,999 lb	S	S	S	22.1	S	S	S	S	S	S
100,000 lb or more	S	S	S	22.4	–	–	–	–	–	–

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 Division: 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	**39.5**	**44.1**	**S**	**21.9**	**23.5**	**28.1**	**41.4**	**S**	**S**	**S**
Less than 50 lb	S	S	S	18.8	S	41.2	S	S	S	S
50 to 99 lb	S	36.3	S	23.3	S	48.8	28.8	S	42.1	45.9
100 to 499 lb	26.2	25.5	20.0	S	23.1	31.3	33.1	S	S	S
500 to 749 lb	28.0	44.0	40.9	S	37.0	S	S	39.9	31.3	32.9
750 to 999 lb	32.2	44.5	30.6	S	43.4	48.6	42.8	S	S	S
1,000 to 9,999 lb	21.4	23.7	16.0	46.0	23.9	24.6	23.9	26.1	32.0	27.3
10,000 to 49,999 lb	40.5	42.6	S	15.0	25.1	26.5	37.1	S	S	S
50,000 to 99,999 lb	S	S	S	18.2	S	S	S	S	S	S
100,000 lb or more	S	S	S	15.6	43.4	46.8	S	S	S	S
SCTG 23, Chemical products and preparations, n.e.c.	**6.7**	**9.3**	**7.6**	**8.7**	**11.8**	**17.2**	**17.1**	**11.5**	**13.3**	**14.0**
Less than 50 lb	11.5	13.1	15.0	11.1	12.4	15.5	12.5	24.0	24.8	23.3
50 to 99 lb	17.2	15.5	12.9	14.1	25.1	21.0	21.5	45.2	43.1	41.0
100 to 499 lb	12.3	12.0	14.0	10.8	14.8	15.6	11.9	26.9	21.6	23.2
500 to 749 lb	39.5	13.3	10.7	11.5	S	16.7	15.6	28.3	23.3	23.6
750 to 999 lb	31.5	24.4	12.3	10.7	S	38.3	37.5	21.7	26.9	27.4
1,000 to 9,999 lb	9.9	10.4	8.0	5.8	9.8	14.0	11.6	11.1	11.5	10.9
10,000 to 49,999 lb	7.2	10.6	8.3	5.2	11.2	22.7	24.1	14.5	17.2	18.1
50,000 to 99,999 lb	20.9	24.9	22.6	13.8	42.0	30.7	30.7	46.5	49.9	48.4
100,000 lb or more	18.7	17.6	19.6	13.8	39.7	46.5	S	S	S	S
SCTG 24, Plastics and rubber	**4.7**	**5.0**	**5.1**	**6.5**	**6.9**	**6.9**	**10.7**	**5.6**	**8.7**	**7.9**
Less than 50 lb	9.2	18.4	29.4	7.3	7.2	10.2	9.5	17.7	13.1	12.9
50 to 99 lb	6.2	8.3	10.3	6.1	8.3	11.6	9.7	11.9	12.0	11.9
100 to 499 lb	6.7	6.8	6.5	6.5	12.0	12.4	11.4	14.4	12.8	11.9
500 to 749 lb	8.8	6.6	9.6	6.6	12.8	8.3	6.4	11.8	11.2	12.7
750 to 999 lb	7.4	6.5	10.3	4.8	12.5	9.5	7.7	13.1	15.2	15.8
1,000 to 9,999 lb	4.9	6.6	6.4	3.9	7.8	8.8	12.6	9.8	12.4	11.3
10,000 to 49,999 lb	7.5	6.0	7.0	5.0	11.7	8.7	12.0	12.2	11.7	11.4
50,000 to 99,999 lb	27.9	26.2	42.1	19.2	S	48.0	45.7	44.8	34.8	34.1
100,000 lb or more	22.0	20.6	21.4	8.8	31.4	31.6	41.3	32.8	33.1	31.2
SCTG 25, Logs and other wood in the rough	**15.7**	**21.2**	**25.7**	**15.8**	**34.6**	**22.4**	**23.3**	**27.2**	**39.9**	**38.2**
Less than 50 lb	S	S	S	20.9	S	S	S	S	S	S
50 to 99 lb	S	S	S	22.5	S	S	S	S	S	S
100 to 499 lb	S	S	S	45.2	S	S	S	S	S	S
500 to 749 lb	S	S	S	23.8	S	S	S	S	S	S
750 to 999 lb	S	S	S	34.8	S	S	S	S	S	S
1,000 to 9,999 lb	41.8	28.1	41.4	S	S	25.6	30.5	S	42.5	44.0
10,000 to 49,999 lb	28.5	36.9	40.6	26.0	30.1	37.0	45.6	S	S	S
50,000 to 99,999 lb	21.4	33.4	31.1	34.6	25.1	34.8	25.2	35.9	S	45.8
100,000 lb or more	26.5	38.3	43.0	S	42.4	49.8	45.5	45.5	S	S
SCTG 26, Wood products	**6.6**	**17.6**	**9.6**	**11.0**	**8.6**	**28.4**	**32.8**	**10.0**	**22.0**	**19.1**
Less than 50 lb	17.6	10.2	15.5	17.7	15.0	14.0	13.9	28.1	23.2	23.0
50 to 99 lb	12.9	12.2	16.5	12.7	15.3	15.7	13.9	35.6	33.4	32.8
100 to 499 lb	13.7	11.2	11.0	10.2	15.5	13.4	16.6	22.6	21.1	21.9
500 to 749 lb	12.5	11.3	13.8	14.0	14.8	15.8	12.8	18.6	14.6	14.8
750 to 999 lb	11.4	8.9	19.5	20.3	15.0	12.5	14.7	25.9	14.8	14.1
1,000 to 9,999 lb	7.3	44.4	16.2	14.5	8.4	S	S	12.4	16.7	16.0
10,000 to 49,999 lb	9.1	16.0	11.9	8.0	14.2	19.5	19.4	15.3	33.6	28.3
50,000 to 99,999 lb	12.0	17.8	15.3	15.6	23.4	19.4	25.0	21.7	29.9	30.7
100,000 lb or more	18.8	29.6	17.5	29.5	42.0	42.1	S	30.3	41.7	43.5
SCTG 27, Pulp, newsprint, paper, and paperboard	**10.1**	**31.9**	**14.9**	**14.4**	**10.7**	**14.3**	**18.8**	**9.9**	**S**	**S**
Less than 50 lb	15.7	15.2	25.4	23.4	20.7	17.9	17.0	24.6	20.0	23.5
50 to 99 lb	16.0	15.4	36.2	16.2	16.6	16.9	14.4	25.6	22.6	21.0
100 to 499 lb	11.8	12.1	31.3	16.0	12.4	11.8	13.4	17.5	14.9	16.2
500 to 749 lb	14.9	15.0	29.5	23.0	14.8	15.3	17.0	27.5	21.0	22.9
750 to 999 lb	16.6	14.7	29.8	17.9	18.9	14.4	18.2	S	24.5	24.9
1,000 to 9,999 lb	17.9	12.8	17.9	8.9	13.1	14.1	15.8	14.1	14.5	17.4
10,000 to 49,999 lb	10.9	12.7	15.6	5.3	14.8	22.1	27.0	10.7	10.4	11.2
50,000 to 99,999 lb	17.9	21.0	23.9	12.1	33.0	26.6	32.1	S	S	S
100,000 lb or more	14.2	S	30.4	S	32.6	34.3	38.7	44.4	S	S
SCTG 28, Paper or paperboard articles	**6.2**	**7.1**	**8.8**	**8.9**	**8.4**	**12.5**	**12.3**	**6.1**	**8.0**	**8.3**
Less than 50 lb	16.3	15.3	24.9	10.8	18.9	20.3	21.2	20.8	23.4	20.8
50 to 99 lb	13.5	12.6	18.5	13.1	21.4	18.7	17.1	48.9	24.6	24.9
100 to 499 lb	6.6	7.5	9.2	9.6	10.6	10.8	12.5	17.7	16.8	16.1
500 to 749 lb	13.4	8.5	21.7	14.0	11.5	9.8	13.7	20.1	18.7	20.0
750 to 999 lb	10.2	10.6	11.3	9.4	14.6	14.6	15.3	18.2	15.3	14.7
1,000 to 9,999 lb	8.8	9.1	9.7	7.5	12.7	11.6	13.5	10.0	11.0	10.8
10,000 to 49,999 lb	8.9	8.8	10.9	9.2	14.3	19.5	16.6	9.0	8.8	9.1
50,000 to 99,999 lb	28.4	39.4	44.8	36.9	38.5	43.4	50.0	S	S	S
100,000 lb or more	31.7	48.4	S	21.9	35.1	37.5	48.5	–	–	–

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 Division: 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	**8.9**	**10.6**	**21.9**	**12.3**	**5.6**	**13.1**	**12.4**	**11.7**	**15.5**	**16.2**
Less than 50 lb	11.4	9.7	17.4	13.0	9.8	12.3	14.8	18.0	18.6	17.6
50 to 99 lb	20.9	15.2	30.6	17.2	11.0	17.0	20.3	30.0	22.7	20.8
100 to 499 lb	22.6	12.3	29.2	18.3	8.2	13.7	14.3	17.2	25.3	25.0
500 to 749 lb	14.1	23.3	29.0	16.8	25.3	33.6	S	19.9	26.8	23.5
750 to 999 lb	20.1	19.6	37.7	16.7	22.1	28.7	26.4	19.0	40.2	33.6
1,000 to 9,999 lb	11.0	18.1	42.3	10.7	12.0	18.8	19.1	15.5	15.3	13.9
10,000 to 49,999 lb	8.3	9.2	10.2	8.6	10.8	17.1	13.9	24.7	25.8	26.3
50,000 to 99,999 lb	29.0	22.2	33.3	29.6	S	39.6	43.1	S	44.2	46.3
100,000 lb or more	16.4	S	S	20.0	26.3	S	S	S	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**12.6**	**16.4**	**29.0**	**4.7**	**11.8**	**11.0**	**13.4**	**18.3**	**13.8**	**13.8**
Less than 50 lb	14.9	13.6	19.3	4.4	12.8	12.3	12.1	16.3	11.2	10.9
50 to 99 lb	36.8	22.9	29.3	9.1	16.2	15.0	17.8	21.7	17.9	19.6
100 to 499 lb	13.4	9.8	10.3	6.7	17.3	18.8	16.5	22.4	19.0	20.5
500 to 749 lb	11.8	13.4	9.5	13.6	31.6	25.1	30.2	45.7	33.0	44.1
750 to 999 lb	11.9	12.8	14.9	15.4	31.0	26.5	26.0	27.2	31.4	31.4
1,000 to 9,999 lb	16.3	11.0	16.8	8.8	19.6	16.6	20.9	30.8	21.0	20.0
10,000 to 49,999 lb	34.8	41.9	S	11.8	37.3	23.3	30.3	42.3	31.7	28.1
50,000 to 99,999 lb	S	38.5	48.5	21.7	S	S	S	–	–	–
100,000 lb or more	S	S	S	29.2	–	–	–	–	–	–
SCTG 31, Nonmetallic mineral products	**3.0**	**44.6**	**15.8**	**15.3**	**7.2**	**S**	**S**	**7.1**	**9.7**	**9.6**
Less than 50 lb	25.7	20.6	25.3	12.0	49.9	30.6	29.4	49.6	34.3	32.2
50 to 99 lb	18.9	17.5	28.8	10.6	29.9	20.1	20.1	22.6	21.1	21.2
100 to 499 lb	20.1	21.1	21.1	14.0	33.8	30.6	43.5	43.7	35.7	36.1
500 to 749 lb	18.6	30.1	21.7	31.1	25.6	41.6	S	32.3	28.7	29.6
750 to 999 lb	14.2	13.7	15.5	16.9	19.7	17.2	25.9	32.7	27.8	30.3
1,000 to 9,999 lb	12.2	29.5	10.8	18.1	14.8	34.0	24.8	12.1	16.9	16.0
10,000 to 49,999 lb	4.7	12.2	4.3	20.7	10.6	16.1	17.7	9.9	18.5	17.4
50,000 to 99,999 lb	7.4	32.4	13.6	14.9	10.1	S	41.0	11.5	11.2	11.7
100,000 lb or more	36.3	S	39.1	S	S	S	S	27.5	24.0	23.7
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**4.6**	**9.7**	**6.6**	**4.9**	**5.5**	**19.0**	**6.1**	**7.1**	**15.1**	**12.4**
Less than 50 lb	14.8	11.8	14.0	9.9	21.1	13.1	17.6	20.6	22.2	21.7
50 to 99 lb	11.6	9.3	12.2	12.4	14.3	12.1	13.3	22.7	22.1	21.2
100 to 499 lb	8.7	9.2	10.2	9.6	10.6	13.0	13.3	12.0	10.8	11.3
500 to 749 lb	9.0	8.8	8.6	7.1	12.8	12.9	14.4	15.6	17.7	17.5
750 to 999 lb	15.4	8.2	11.7	10.9	14.3	13.0	11.6	23.2	19.7	18.6
1,000 to 9,999 lb	3.4	6.0	4.9	5.0	6.6	10.1	7.3	10.2	8.1	8.2
10,000 to 49,999 lb	7.0	9.9	8.4	4.7	10.3	18.8	8.2	8.1	9.4	9.3
50,000 to 99,999 lb	8.8	17.6	6.9	10.1	11.4	29.2	16.2	26.4	26.5	22.4
100,000 lb or more	13.3	14.2	15.1	9.5	19.5	19.6	22.3	17.9	45.5	35.3
SCTG 33, Articles of base metal	**6.7**	**7.3**	**11.5**	**9.2**	**6.5**	**10.3**	**11.1**	**11.0**	**12.1**	**11.9**
Less than 50 lb	12.1	16.3	42.5	10.5	9.8	9.1	9.0	12.7	12.2	11.8
50 to 99 lb	33.2	22.6	34.6	7.0	13.6	10.0	10.0	13.1	14.8	15.6
100 to 499 lb	17.1	10.2	21.7	8.7	10.2	7.8	8.1	15.7	16.5	16.3
500 to 749 lb	16.8	12.8	13.0	7.7	22.4	16.2	19.9	16.8	10.9	9.9
750 to 999 lb	13.4	10.4	11.4	7.7	22.8	15.2	18.6	22.6	19.3	18.2
1,000 to 9,999 lb	9.0	14.7	24.4	6.9	11.8	14.0	17.9	15.0	9.9	9.9
10,000 to 49,999 lb	6.4	6.7	8.6	5.2	10.5	15.7	13.6	21.4	16.4	16.2
50,000 to 99,999 lb	17.0	18.9	28.3	24.7	26.8	23.6	24.7	S	S	49.9
100,000 lb or more	24.2	30.3	35.5	13.1	38.4	48.3	46.2	S	S	S
SCTG 34, Machinery	**4.1**	**6.5**	**13.0**	**5.9**	**6.6**	**5.6**	**7.0**	**6.8**	**18.3**	**18.8**
Less than 50 lb	9.0	11.8	15.5	6.7	15.3	13.7	12.5	10.8	17.8	17.4
50 to 99 lb	6.8	8.8	9.5	8.0	14.8	16.9	17.8	16.0	11.3	9.4
100 to 499 lb	4.4	6.3	6.7	6.0	9.6	11.3	10.7	12.1	27.2	25.7
500 to 749 lb	21.7	33.3	S	13.0	26.0	18.2	19.8	26.9	14.1	14.0
750 to 999 lb	10.4	11.8	14.5	10.7	17.2	21.6	25.0	20.1	18.1	18.1
1,000 to 9,999 lb	4.0	5.6	8.1	5.1	9.9	12.2	14.6	10.9	8.6	8.9
10,000 to 49,999 lb	6.6	6.9	12.9	5.4	10.6	6.5	9.1	10.8	11.0	12.8
50,000 to 99,999 lb	18.3	31.9	27.8	18.8	32.7	43.3	49.9	S	S	S
100,000 lb or more	20.2	26.6	40.4	13.5	43.0	43.3	S	S	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**5.2**	**5.2**	**6.3**	**4.4**	**9.3**	**9.4**	**10.3**	**9.1**	**10.8**	**10.8**
Less than 50 lb	6.7	6.6	9.2	4.6	8.7	8.6	9.0	14.5	14.1	14.0
50 to 99 lb	12.8	8.4	16.7	8.6	27.2	11.7	14.8	18.9	16.8	16.7
100 to 499 lb	7.5	6.6	13.1	9.1	12.0	11.8	15.5	13.4	11.3	12.2
500 to 749 lb	7.4	11.5	14.1	8.5	21.4	21.6	22.3	18.4	32.6	33.5
750 to 999 lb	15.6	9.0	12.1	9.2	25.7	15.3	22.9	33.5	S	42.4
1,000 to 9,999 lb	9.8	5.6	7.2	6.6	14.4	10.8	12.9	17.4	11.5	11.4
10,000 to 49,999 lb	8.8	8.0	9.8	6.8	19.5	20.6	18.6	18.9	12.7	13.1
50,000 to 99,999 lb	27.4	29.7	35.2	17.5	47.5	45.7	S	–	–	–
100,000 lb or more	28.6	46.6	44.1	21.9	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 Division: 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)	**5.9**	**8.0**	**7.0**	**10.6**	**10.2**	**13.0**	**10.0**	**9.0**	**8.6**	**7.2**
Less than 50 lb	8.9	10.6	16.4	13.3	10.3	14.8	10.8	12.4	12.4	12.0
50 to 99 lb	13.7	11.0	15.9	10.6	15.8	11.2	13.5	20.8	15.5	15.3
100 to 499 lb	16.3	8.9	13.3	7.2	22.5	12.5	11.2	22.1	13.4	13.1
500 to 749 lb	16.0	17.7	26.4	6.6	14.7	15.1	16.3	30.7	12.8	13.7
750 to 999 lb	17.6	16.1	14.6	7.5	11.6	14.0	13.0	39.5	21.2	23.8
1,000 to 9,999 lb	12.7	8.1	9.1	6.1	19.6	15.8	10.7	12.5	10.9	10.8
10,000 to 49,999 lb	8.4	6.9	7.4	5.8	11.6	14.8	10.7	13.3	10.1	8.6
50,000 to 99,999 lb	23.0	11.7	14.7	10.5	36.9	39.1	35.0	25.3	21.0	21.2
100,000 lb or more	31.4	39.6	43.2	13.7	S	48.9	S	S	48.8	S
SCTG 37, Transportation equipment, n.e.c.	**11.7**	**19.4**	**26.0**	**4.9**	**20.4**	**31.9**	**40.7**	**38.4**	**34.0**	**35.6**
Less than 50 lb	22.7	24.3	25.8	5.3	29.7	27.7	30.7	23.7	25.9	26.8
50 to 99 lb	31.6	23.4	21.8	15.1	46.4	43.4	S	S	S	S
100 to 499 lb	26.1	20.6	23.7	7.5	46.7	45.7	40.1	S	44.2	45.6
500 to 749 lb	28.6	24.3	24.2	23.7	S	S	S	S	S	S
750 to 999 lb	41.6	32.9	37.3	29.7	S	45.6	43.4	S	S	S
1,000 to 9,999 lb	14.3	12.8	13.4	7.0	32.7	32.9	36.2	43.0	35.7	30.3
10,000 to 49,999 lb	18.9	20.2	20.9	9.0	47.3	36.8	32.5	42.7	S	S
50,000 to 99,999 lb	S	S	S	33.4	S	S	S	–	–	–
100,000 lb or more	41.2	46.1	S	17.2	46.4	46.5	46.9	S	S	S
SCTG 38, Precision instruments and apparatus	**5.5**	**11.6**	**12.5**	**5.4**	**10.2**	**24.7**	**39.9**	**15.9**	**31.4**	**27.9**
Less than 50 lb	10.0	10.4	11.2	5.6	12.9	12.9	16.2	14.9	14.3	16.0
50 to 99 lb	11.8	13.9	23.0	7.0	18.1	15.5	25.7	19.0	22.7	22.5
100 to 499 lb	17.1	13.5	15.4	6.5	24.2	14.1	18.0	31.1	28.8	27.4
500 to 749 lb	19.8	21.8	24.8	11.5	27.7	20.1	28.9	S	48.2	48.9
750 to 999 lb	20.5	20.1	25.6	21.9	23.4	42.8	29.0	45.7	S	49.1
1,000 to 9,999 lb	12.6	25.5	16.3	14.2	32.1	S	S	32.8	S	47.2
10,000 to 49,999 lb	38.6	29.8	31.7	16.3	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	S	S	S	21.8	–	–	–	–	–	–
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**7.7**	**13.1**	**18.9**	**7.1**	**8.2**	**11.7**	**17.7**	**12.8**	**17.6**	**19.1**
Less than 50 lb	13.4	11.7	17.9	10.1	17.9	15.4	12.2	19.1	17.1	18.2
50 to 99 lb	9.6	13.4	17.4	8.1	19.7	19.1	14.2	30.1	17.8	17.2
100 to 499 lb	8.2	10.4	18.1	10.5	13.3	13.3	13.9	18.7	16.8	16.4
500 to 749 lb	9.3	9.7	17.1	9.0	15.5	18.1	16.9	18.3	21.6	21.4
750 to 999 lb	11.8	10.2	13.4	9.1	22.7	21.5	16.3	23.4	25.2	27.8
1,000 to 9,999 lb	6.6	8.7	13.6	5.9	11.8	10.8	13.8	16.3	16.0	17.1
10,000 to 49,999 lb	16.0	23.8	33.3	14.5	16.8	18.0	23.4	26.8	28.0	28.8
50,000 to 99,999 lb	46.3	S	S	21.5	S	S	S	S	S	S
100,000 lb or more	42.5	39.6	49.7	32.3	S	S	S	S	S	S
SCTG 40, Miscellaneous manufactured products	**4.9**	**5.8**	**12.4**	**4.7**	**10.0**	**15.6**	**13.6**	**14.1**	**19.7**	**22.1**
Less than 50 lb	7.8	8.9	9.5	4.8	16.6	16.5	14.3	10.2	7.6	7.4
50 to 99 lb	7.4	7.7	8.1	4.1	9.6	11.1	10.7	16.1	11.8	12.1
100 to 499 lb	5.2	14.3	11.9	6.1	11.9	12.8	10.2	9.2	13.9	13.0
500 to 749 lb	10.0	10.7	13.8	5.9	15.8	18.1	15.0	17.7	19.1	20.8
750 to 999 lb	12.6	11.6	11.9	6.1	22.3	18.3	22.3	30.2	26.9	26.5
1,000 to 9,999 lb	11.2	9.3	10.9	5.3	11.4	12.7	12.0	13.3	13.8	14.7
10,000 to 49,999 lb	11.8	9.2	9.6	7.0	31.7	24.0	15.6	28.1	29.2	32.2
50,000 to 99,999 lb	21.9	17.9	S	18.2	29.3	27.4	29.6	27.5	31.4	30.8
100,000 lb or more	32.6	S	S	19.0	47.0	S	S	S	S	S
SCTG 41, Waste and scrap	**11.1**	**11.4**	**6.4**	**11.9**	**15.0**	**17.5**	**22.6**	**17.4**	**18.7**	**17.9**
Less than 50 lb	S	S	S	20.3	S	S	S	S	S	S
50 to 99 lb	S	S	S	45.5	S	S	S	–	–	–
100 to 499 lb	S	28.9	S	33.5	S	34.2	46.5	S	S	S
500 to 749 lb	S	S	S	24.1	S	S	S	S	S	S
750 to 999 lb	S	43.0	S	30.6	S	S	S	S	S	S
1,000 to 9,999 lb	22.2	29.4	32.8	29.0	24.8	30.4	42.8	49.1	S	S
10,000 to 49,999 lb	14.2	16.4	13.3	11.3	22.2	27.3	35.4	19.8	23.7	23.2
50,000 to 99,999 lb	9.9	11.6	12.1	10.5	12.7	14.5	14.7	23.1	20.8	22.8
100,000 lb or more	13.2	13.5	9.1	12.1	20.4	24.4	31.6	21.0	22.0	22.8
SCTG 43, Mixed freight	**9.5**	**11.7**	**11.0**	**16.9**	**9.9**	**11.2**	**12.0**	**18.8**	**24.5**	**23.0**
Less than 50 lb	35.0	34.2	S	17.4	18.7	23.0	30.3	27.6	36.9	40.9
50 to 99 lb	14.4	17.9	35.3	30.0	19.2	18.8	24.0	36.1	36.6	36.8
100 to 499 lb	14.6	20.8	17.6	26.6	20.7	21.8	23.3	20.1	25.4	25.8
500 to 749 lb	15.1	19.8	18.3	37.0	17.8	22.4	23.4	24.6	24.9	25.3
750 to 999 lb	16.5	18.3	18.3	S	26.1	25.5	25.7	22.4	24.8	26.2
1,000 to 9,999 lb	11.0	12.3	11.6	17.5	14.0	16.4	16.7	13.3	14.7	15.1
10,000 to 49,999 lb	14.1	15.7	13.6	16.9	14.7	14.0	15.0	27.0	32.7	30.9
50,000 to 99,999 lb	S	46.6	S	23.5	S	S	45.6	–	–	–
100,000 lb or more	S	S	S	22.4	–	–	–	–	–	–

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 Division: 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	**13.4**	**24.5**	**24.1**	**13.5**	**17.2**	**28.3**	**23.9**	**18.6**	**41.8**	**40.3**
Less than 50 lb	20.7	30.3	40.6	13.8	39.9	49.7	25.2	S	46.6	45.3
50 to 99 lb	34.2	22.9	50.0	19.0	25.4	24.7	27.7	S	39.9	43.2
100 to 499 lb	21.1	18.9	30.3	22.0	26.1	25.1	24.2	29.1	25.2	25.6
500 to 749 lb	44.0	19.6	21.0	20.8	S	27.2	32.2	36.5	41.2	41.5
750 to 999 lb	35.6	36.4	26.2	37.0	S	S	S	S	S	S
1,000 to 9,999 lb	17.5	33.1	31.1	26.9	39.0	S	42.2	37.1	37.0	39.3
10,000 to 49,999 lb	26.2	24.9	22.4	32.4	29.6	36.0	31.6	36.3	36.3	35.1
50,000 to 99,999 lb	45.3	31.9	27.5	23.2	49.1	34.3	34.0	S	S	S
100,000 lb or more	S	49.7	S	43.7	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 Division: 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	**2.6**	**3.5**	**4.0**	**3.3**	**4.2**	**4.3**	**2.0**	**7.5**	**8.4**	**3.6**	**6.1**	**6.1**
Less than 50 lb	4.3	4.9	4.9	5.6	8.7	9.3	6.6	5.8	6.0	7.1	13.6	12.9
50 to 99 lb	5.2	6.3	5.5	15.1	10.4	10.3	14.8	13.1	12.7	10.6	6.8	6.6
100 to 499 lb	6.9	3.1	3.3	6.7	10.4	9.5	8.2	5.2	5.0	5.3	6.2	6.5
500 to 749 lb	6.8	5.3	5.5	6.8	7.9	9.7	7.3	9.0	8.9	28.2	9.8	10.1
750 to 999 lb	8.0	5.6	5.4	9.3	5.8	5.5	11.2	5.0	5.1	13.1	9.2	9.4
1,000 to 9,999 lb	4.7	3.9	4.0	4.8	4.2	4.5	5.2	4.3	4.4	5.0	6.9	6.8
10,000 to 49,999 lb	2.7	2.8	2.8	5.8	4.1	4.4	3.2	3.5	3.6	5.2	10.6	9.9
50,000 to 99,999 lb	10.6	9.3	9.8	25.5	9.4	9.7	21.5	9.4	9.2	25.0	23.5	23.0
100,000 lb or more	20.9	8.0	8.0	10.1	8.5	7.8	7.6	11.6	12.1	9.7	8.3	8.3
SCTG 01, Live animals and live fish	**46.3**	**43.9**	**S**	**48.9**	**48.3**	**48.5**	**24.8**	**27.9**	**28.0**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	S	S	S	S	S	S
50 to 99 lb	–	–	–	–	–	–	–	–	–	–	–	–
100 to 499 lb	46.1	46.6	45.0	–	–	–	–	–	–	–	–	–
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	29.2	32.9	31.6	S	S	S	S	S	S
10,000 to 49,999 lb	45.2	42.3	S	S	S	S	35.5	37.8	36.7	–	–	–
50,000 to 99,999 lb	33.3	32.7	37.9	48.2	41.7	42.0	41.1	41.1	41.5	–	–	–
100,000 lb or more	48.9	S	S	S	S	S	–	–	–	–	–	–
SCTG 02, Cereal grains	**32.5**	**31.3**	**29.6**	**16.1**	**18.6**	**20.9**	**13.1**	**22.8**	**22.9**	**16.3**	**15.9**	**15.7**
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	43.2	46.7	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	–	–	–	–	–	–
1,000 to 9,999 lb	42.7	45.6	43.9	37.3	S	S	S	42.7	41.8	S	S	S
10,000 to 49,999 lb	S	34.8	31.3	35.0	21.5	21.3	S	37.3	37.3	S	35.0	35.9
50,000 to 99,999 lb	49.5	S	S	39.4	42.2	41.1	S	36.2	36.2	S	S	S
100,000 lb or more	43.6	46.9	43.2	18.1	19.1	21.2	12.9	23.3	23.3	17.0	16.1	15.8
SCTG 03, Other agricultural products	**17.4**	**21.5**	**21.2**	**15.2**	**18.0**	**22.0**	**24.0**	**26.5**	**27.9**	**10.8**	**17.0**	**17.0**
Less than 50 lb	40.9	37.8	36.8	S	S	S	S	S	S	S	S	49.3
50 to 99 lb	S	28.1	26.6	40.9	31.8	32.4	S	S	S	S	S	S
100 to 499 lb	21.8	25.4	28.1	35.1	46.6	43.1	45.2	S	S	44.5	S	48.2
500 to 749 lb	43.8	28.7	29.8	S	S	S	S	49.1	S	S	44.3	44.0
750 to 999 lb	33.8	34.4	33.0	44.7	40.3	41.8	S	S	S	S	S	S
1,000 to 9,999 lb	25.5	25.1	23.9	30.3	29.0	26.7	30.0	44.8	43.9	46.0	S	S
10,000 to 49,999 lb	36.0	38.0	38.7	37.8	S	S	32.6	33.5	32.8	29.5	40.2	39.1
50,000 to 99,999 lb	38.3	41.9	42.6	–	–	–	S	S	S	–	–	–
100,000 lb or more	S	S	48.6	18.6	17.5	23.7	26.6	26.8	28.1	16.4	18.2	18.0
SCTG 04, Animal feed and products of animal origin, n.e.c.	**17.0**	**13.5**	**13.4**	**13.8**	**11.9**	**10.7**	**12.9**	**16.6**	**17.3**	**26.4**	**22.1**	**21.4**
Less than 50 lb	34.6	40.8	41.0	40.5	41.3	43.1	S	40.1	38.5	S	S	S
50 to 99 lb	47.6	44.3	45.7	S	S	49.8	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	47.0	S	S	S	S	S	S
1,000 to 9,999 lb	40.5	29.4	29.4	38.7	S	S	37.9	37.5	39.8	S	S	S
10,000 to 49,999 lb	21.2	20.4	19.4	19.6	21.3	21.3	19.6	38.8	39.1	27.0	30.1	29.7
50,000 to 99,999 lb	16.4	16.2	18.9	36.7	36.9	39.8	36.9	31.5	32.4	45.0	S	S
100,000 lb or more	32.0	31.4	30.9	14.7	12.4	12.1	21.9	18.5	21.1	33.9	27.0	26.7
SCTG 05, Meat, fish, seafood, and their preparations	**8.0**	**7.7**	**7.7**	**11.9**	**12.2**	**12.0**	**11.7**	**11.0**	**11.1**	**21.1**	**18.0**	**18.1**
Less than 50 lb	S	47.2	44.9	S	S	S	S	S	S	S	S	S
50 to 99 lb	S	35.7	35.3	S	S	S	S	S	S	S	S	S
100 to 499 lb	16.9	17.8	17.3	39.7	38.5	39.0	26.1	23.1	23.9	29.2	22.3	21.7
500 to 749 lb	18.7	19.0	19.5	37.2	39.1	43.4	38.2	34.4	35.0	29.2	24.6	22.5
750 to 999 lb	24.2	25.4	27.1	32.7	36.6	37.8	46.1	37.3	38.5	43.0	49.3	49.6
1,000 to 9,999 lb	12.9	14.0	14.1	11.7	13.0	12.2	18.7	17.9	18.8	13.1	12.5	12.8
10,000 to 49,999 lb	9.9	9.2	10.4	13.8	14.4	14.0	13.1	11.9	11.9	26.0	21.2	21.4
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 06, Milled grain products and preparations, and bakery products	**10.5**	**25.6**	**25.8**	**7.7**	**9.9**	**9.2**	**10.4**	**14.6**	**15.3**	**12.4**	**22.7**	**23.2**
Less than 50 lb	36.3	32.0	30.4	S	S	S	S	49.9	48.1	S	S	S
50 to 99 lb	48.0	S	48.5	S	48.7	48.1	S	S	S	S	S	46.6
100 to 499 lb	27.3	26.0	24.3	32.2	27.0	25.7	27.3	21.5	23.6	31.7	36.3	36.8
500 to 749 lb	32.7	32.6	32.1	32.0	32.2	34.3	40.6	38.0	40.5	49.7	46.1	47.2
750 to 999 lb	34.7	38.4	37.3	32.5	33.4	33.0	47.5	45.3	46.5	S	S	S
1,000 to 9,999 lb	23.7	23.8	23.0	22.8	26.8	24.6	27.5	31.6	31.2	27.2	32.3	32.4
10,000 to 49,999 lb	11.0	15.5	13.8	7.7	10.4	10.5	11.7	9.2	8.9	15.2	15.0	15.5
50,000 to 99,999 lb	S	S	S	S	31.3	30.5	S	S	S	S	S	S
100,000 lb or more	32.9	38.2	41.9	17.2	23.2	21.4	28.7	25.8	25.5	S	42.2	42.7

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 Division: 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	**5.5**	**6.0**	**6.4**	**6.4**	**9.6**	**11.2**	**6.7**	**9.0**	**10.5**	**7.7**	**14.3**	**15.0**
Less than 50 lb	29.3	25.2	24.1	28.0	24.9	25.3	48.9	37.1	38.1	45.2	47.8	49.8
50 to 99 lb	31.6	29.8	27.6	S	29.1	30.6	38.1	40.1	41.4	S	S	S
100 to 499 lb	12.1	18.7	16.9	27.8	32.8	30.9	36.2	19.4	18.7	39.6	S	S
500 to 749 lb	16.6	25.2	22.6	21.9	21.3	22.3	18.3	17.5	16.9	S	S	S
750 to 999 lb	18.2	22.4	23.3	38.5	25.5	24.5	32.4	S	S	49.2	S	S
1,000 to 9,999 lb	10.0	13.7	14.2	13.9	17.0	17.8	11.2	10.7	10.9	16.2	11.4	11.1
10,000 to 49,999 lb	6.1	5.9	6.0	8.3	7.7	7.8	7.4	5.7	5.6	9.5	11.0	10.6
50,000 to 99,999 lb	21.3	17.0	19.9	24.0	25.2	27.2	30.4	40.6	39.5	45.8	45.2	42.9
100,000 lb or more	27.6	20.8	21.6	22.1	22.2	24.0	14.5	22.0	23.2	20.7	28.0	28.7
SCTG 08, Alcoholic beverages	**30.0**	**30.3**	**29.2**	**25.8**	**32.9**	**32.9**	**26.7**	**29.9**	**32.6**	**30.2**	**36.7**	**36.3**
Less than 50 lb	23.9	23.6	23.9	S	S	S	S	S	S	S	S	S
50 to 99 lb	34.8	33.4	34.7	–	–	–	S	S	S	–	–	–
100 to 499 lb	26.9	22.6	23.3	S	S	S	S	S	S	S	S	S
500 to 749 lb	47.9	49.5	44.3	–	–	–	S	S	S	–	–	–
750 to 999 lb	45.3	46.2	44.4	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	26.6	25.1	25.5	37.4	29.2	30.5	S	40.0	39.5	S	S	S
10,000 to 49,999 lb	32.1	30.0	28.6	27.6	27.5	27.7	31.9	34.6	36.8	31.4	37.3	36.9
50,000 to 99,999 lb	44.9	44.5	47.2	41.8	46.5	46.9	–	–	–	–	–	–
100,000 lb or more	–	–	–	S	S	S	S	S	S	–	–	–
SCTG 09, Tobacco products	**24.5**	**34.7**	**35.9**	**45.8**	**46.5**	**46.1**	**42.9**	**40.4**	**40.4**	**S**	**S**	**S**
Less than 50 lb	44.6	32.8	32.1	S	37.0	35.9	36.1	37.1	37.6	47.3	38.8	39.3
50 to 99 lb	45.1	31.8	31.6	41.3	40.9	45.3	S	45.0	45.3	S	S	S
100 to 499 lb	32.7	27.1	27.7	41.6	37.5	38.7	49.3	48.3	48.6	S	45.8	44.9
500 to 749 lb	33.0	36.6	37.7	S	S	S	S	49.2	49.5	S	S	S
750 to 999 lb	S	S	S	–	–	–	S	S	S	–	–	–
1,000 to 9,999 lb	40.0	S	S	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	**37.7**	**25.3**	**25.0**	**35.0**	**26.0**	**25.8**	**37.7**	**29.8**	**30.2**	**32.2**	**40.6**	**40.8**
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	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	S	S	S
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	25.3	25.3	25.4	37.1	28.3	27.9	42.9	33.5	33.7	40.7	43.1	43.2
50,000 to 99,999 lb	43.5	44.0	47.8	S	S	S	46.7	41.8	42.7	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–	–	–	–
SCTG 11, Natural sands	**15.8**	**22.3**	**22.9**	**21.6**	**33.7**	**32.6**	**28.7**	**37.0**	**35.2**	**21.7**	**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	–	–	–	–	–	–
500 to 749 lb	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	40.7	34.2	35.7	S	31.7	29.7	S	S	S	48.8	48.0	47.5
10,000 to 49,999 lb	21.1	28.0	30.4	26.3	45.9	45.7	25.4	29.5	29.0	35.1	S	S
50,000 to 99,999 lb	23.9	26.1	26.8	43.9	46.9	45.7	S	S	S	41.2	46.5	46.5
100,000 lb or more	22.0	27.2	27.9	45.0	40.7	40.6	35.3	41.8	39.4	28.6	27.8	31.0
SCTG 12, Gravel and crushed stone	**26.0**	**20.0**	**20.9**	**23.4**	**28.9**	**28.9**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	–	–	–	–	–	–
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	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	S	S	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	26.9	29.3	S	42.5	43.9	S	36.3	36.2	S	S	S
50,000 to 99,999 lb	31.4	25.1	25.3	S	S	S	S	S	S	S	S	S
100,000 lb or more	22.1	23.3	23.9	25.9	29.8	29.8	S	S	S	S	S	S
SCTG 13, Nonmetallic minerals n.e.c.	**19.0**	**27.0**	**27.4**	**21.4**	**32.5**	**32.6**	**30.7**	**28.0**	**28.5**	**34.3**	**32.7**	**32.8**
Less than 50 lb	S	S	S	49.7	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	47.4	S	39.0	33.2	34.1	S	S	S	S	S	S
500 to 749 lb	40.2	43.2	45.7	S	S	49.0	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	35.5	S	S	36.8	46.3	46.8	S	40.1	40.2	45.5	S	S
10,000 to 49,999 lb	21.0	41.5	39.4	23.8	29.0	28.9	29.8	24.8	25.2	35.0	34.1	34.2
50,000 to 99,999 lb	28.9	32.3	30.6	36.9	37.4	37.4	S	S	S	S	S	S
100,000 lb or more	43.5	38.2	38.2	35.8	35.1	35.3	48.9	44.1	42.5	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 Division: 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	**24.5**	**S**	**S**	**29.9**	**49.9**	**S**	**24.4**	**36.2**	**34.7**	**27.0**	**30.6**	**31.4**
Less than 50 lb	S	S	S	S	S	S	S	S	S	–	–	–
50 to 99 lb	47.5	S	46.7	S	S	S	S	S	S	S	S	S
100 to 499 lb	S	39.9	41.5	S	S	S	S	S	S	S	47.2	46.9
500 to 749 lb	36.4	35.3	33.2	48.1	37.9	37.7	S	44.2	46.9	S	S	S
750 to 999 lb	S	S	S	–	–	–	S	S	S	S	S	S
1,000 to 9,999 lb	S	30.5	30.6	43.4	40.4	46.9	45.6	32.5	34.4	43.2	45.6	46.5
10,000 to 49,999 lb	22.1	25.9	27.5	20.5	22.1	22.0	34.5	37.9	36.2	39.5	35.9	36.4
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–	S	S	S
100,000 lb or more	S	S	S	42.4	S	S	–	–	–	S	S	S
SCTG 15, Coal	**24.3**	**21.9**	**18.3**	**22.0**	**24.0**	**20.9**	**40.8**	**39.4**	**43.7**	**32.0**	**30.8**	**30.5**
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	S	48.1	48.9	S	S	S	–	–	–	–	–	–
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–	–	–	–
100,000 lb or more	26.9	25.2	20.1	25.8	25.6	21.8	40.8	39.4	43.7	32.0	30.8	30.5
SCTG 17, Gasoline and aviation turbine fuel	**24.5**	**25.7**	**27.7**	**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
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	26.3	29.2	30.5	S	S	S	–	–	–	S	S	S
10,000 to 49,999 lb	19.4	20.6	22.0	41.6	42.3	38.3	S	S	S	S	S	S
50,000 to 99,999 lb	31.3	29.0	31.1	S	S	S	–	–	–	S	S	S
100,000 lb or more	38.1	37.7	42.0	S	S	S	–	–	–	–	–	–
SCTG 18, Fuel oils	**20.3**	**19.6**	**20.9**	**S**	**S**	**S**	**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	–	–	–	–	–	–	–	–	–
500 to 749 lb	S	S	S	–	–	–	–	–	–	–	–	–
750 to 999 lb	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	34.0	34.7	31.1	S	S	S	–	–	–	–	–	–
10,000 to 49,999 lb	32.1	31.4	34.7	36.8	36.8	38.3	–	–	–	S	S	S
50,000 to 99,999 lb	27.6	25.2	30.7	S	S	S	S	S	S	–	–	–
100,000 lb or more	28.1	28.3	29.7	S	S	S	–	–	–	–	–	–
SCTG 19, Coal and petroleum products, n.e.c.	**27.2**	**37.0**	**40.3**	**15.7**	**16.2**	**17.0**	**20.4**	**38.3**	**37.1**	**20.3**	**22.5**	**22.8**
Less than 50 lb	46.4	38.7	38.4	S	S	S	38.7	S	S	S	S	S
50 to 99 lb	34.7	44.8	46.6	S	S	S	40.6	43.1	43.0	S	S	S
100 to 499 lb	40.3	33.1	34.3	38.4	34.5	35.5	47.4	S	S	S	S	S
500 to 749 lb	35.9	32.6	33.0	S	48.4	46.0	47.8	S	S	32.9	41.7	42.8
750 to 999 lb	47.1	36.3	35.5	S	S	S	31.4	35.9	37.7	S	43.4	42.8
1,000 to 9,999 lb	S	S	S	38.0	41.6	45.8	25.4	30.5	29.1	30.2	30.2	31.4
10,000 to 49,999 lb	16.1	28.4	28.1	20.9	19.6	19.5	28.7	S	S	24.9	28.9	27.9
50,000 to 99,999 lb	34.3	42.5	41.6	45.4	31.4	33.1	S	S	S	S	S	S
100,000 lb or more	S	S	S	22.4	19.7	20.2	28.1	22.2	22.1	29.5	26.1	26.3
SCTG 20, Basic chemicals	**9.6**	**29.9**	**34.0**	**9.4**	**16.3**	**16.7**	**14.5**	**16.5**	**19.8**	**16.8**	**24.7**	**26.4**
Less than 50 lb	23.1	24.3	24.4	20.2	20.3	19.5	33.4	26.4	26.2	37.4	25.5	25.9
50 to 99 lb	36.9	29.2	30.0	38.4	28.5	28.4	28.9	36.4	36.4	41.2	37.9	36.3
100 to 499 lb	29.6	22.8	21.8	28.3	24.2	24.2	29.9	30.2	30.5	44.7	S	S
500 to 749 lb	22.7	20.4	20.6	39.0	31.7	31.1	40.7	39.4	39.9	S	S	S
750 to 999 lb	S	21.6	25.3	S	41.6	41.1	46.6	30.2	30.4	S	46.6	46.9
1,000 to 9,999 lb	13.2	26.6	26.7	27.4	15.6	14.6	23.6	17.4	17.1	32.6	21.8	22.6
10,000 to 49,999 lb	11.9	21.8	21.0	11.8	16.4	16.7	20.7	15.4	15.3	27.0	19.4	18.8
50,000 to 99,999 lb	30.6	35.2	37.4	S	S	S	S	37.1	34.9	46.0	45.3	46.8
100,000 lb or more	32.1	S	S	24.0	25.4	25.7	25.5	32.6	37.2	26.0	33.7	34.5
SCTG 21, Pharmaceutical products	**15.4**	**14.9**	**14.8**	**36.6**	**24.8**	**23.9**	**22.6**	**25.4**	**26.0**	**36.3**	**24.0**	**23.9**
Less than 50 lb	22.2	18.7	18.6	22.2	28.9	27.3	22.2	34.3	33.6	28.6	32.1	32.6
50 to 99 lb	19.4	26.1	21.7	26.4	40.1	41.0	45.6	39.0	37.9	S	33.6	34.9
100 to 499 lb	26.1	21.6	22.6	S	49.9	48.4	33.5	24.5	25.6	25.5	24.5	23.8
500 to 749 lb	48.0	30.3	30.1	30.5	39.7	45.2	S	S	49.9	S	31.0	30.8
750 to 999 lb	40.1	33.7	37.6	S	34.1	36.9	47.3	40.5	38.9	S	49.8	48.5
1,000 to 9,999 lb	23.5	21.6	21.5	S	26.1	25.0	40.6	29.9	30.4	45.8	25.9	25.8
10,000 to 49,999 lb	S	29.8	30.0	32.8	32.6	32.9	35.1	35.5	35.0	40.9	42.2	41.9
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–	–	–
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 Division: 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	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**	**S**
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	31.7	32.7	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	39.4	35.5	33.7	46.8	S	S	46.4	47.9	48.5	S	S	S
10,000 to 49,999 lb	S	S	S	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	S	S	S	S	S	S
SCTG 23, Chemical products and preparations, n.e.c.	**8.8**	**13.4**	**14.3**	**9.6**	**9.2**	**8.9**	**8.9**	**9.9**	**9.7**	**15.2**	**16.0**	**16.3**
Less than 50 lb	18.6	24.1	19.5	21.7	16.1	16.6	32.2	25.7	25.3	22.4	18.7	19.1
50 to 99 lb	27.4	22.7	19.6	23.7	24.9	25.6	22.4	18.3	18.8	33.3	22.6	22.8
100 to 499 lb	18.2	18.4	17.3	14.4	18.0	18.6	28.6	19.7	19.9	25.1	20.1	19.7
500 to 749 lb	S	26.4	28.9	20.8	11.6	10.8	15.7	16.1	16.1	S	30.8	31.0
750 to 999 lb	16.3	19.2	17.6	16.3	24.9	25.8	25.9	17.2	16.7	S	26.3	26.8
1,000 to 9,999 lb	16.8	21.0	22.1	19.7	11.2	10.4	13.5	11.5	11.1	10.2	15.6	15.5
10,000 to 49,999 lb	10.8	15.2	15.7	10.7	9.8	9.4	10.6	10.8	10.7	18.4	15.5	15.4
50,000 to 99,999 lb	41.9	S	46.0	44.6	33.5	31.5	47.4	49.9	S	S	S	S
100,000 lb or more	32.2	33.4	32.3	31.0	26.8	28.1	33.5	43.2	40.3	44.2	38.8	39.5
SCTG 24, Plastics and rubber	**9.4**	**10.4**	**9.6**	**6.3**	**7.8**	**7.1**	**5.7**	**7.1**	**7.9**	**11.2**	**11.8**	**12.0**
Less than 50 lb	18.0	15.9	19.1	16.6	23.9	24.4	10.5	21.1	21.4	36.1	S	S
50 to 99 lb	15.7	25.1	22.0	12.4	13.8	12.8	16.2	15.5	14.9	20.7	22.7	22.8
100 to 499 lb	9.9	9.6	10.3	10.3	9.0	9.3	9.4	8.0	8.2	21.3	14.9	15.2
500 to 749 lb	11.0	11.6	12.4	13.3	15.9	14.6	19.2	15.4	15.7	43.8	24.3	24.8
750 to 999 lb	9.5	12.2	13.8	14.4	13.7	14.3	32.4	28.1	29.3	27.6	18.8	19.0
1,000 to 9,999 lb	10.5	11.7	10.3	6.5	10.8	10.5	7.1	9.1	9.6	11.1	13.6	13.9
10,000 to 49,999 lb	12.9	11.8	11.3	11.6	11.6	10.6	10.4	9.5	10.6	16.1	11.8	11.5
50,000 to 99,999 lb	39.6	43.8	41.4	49.8	44.3	42.0	S	S	S	S	49.8	S
100,000 lb or more	30.5	23.6	23.1	16.8	26.7	19.8	26.6	29.6	28.6	41.0	40.0	40.3
SCTG 25, Logs and other wood in the rough	**25.1**	**34.8**	**32.4**	**27.7**	**S**	**S**	**45.8**	**42.2**	**42.1**	**S**	**S**	**S**
Less than 50 lb	S	S	S	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	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	50.0	S	S	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	42.4	S	S	S	S	S	38.7	48.5	47.6	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	47.3	S	S	S	S	S	–	–	–
SCTG 26, Wood products	**13.2**	**10.5**	**10.3**	**8.2**	**11.0**	**11.1**	**14.5**	**18.0**	**17.5**	**13.2**	**23.4**	**22.9**
Less than 50 lb	26.5	15.2	15.2	38.2	23.1	24.5	33.9	26.0	25.5	25.3	28.0	27.3
50 to 99 lb	16.6	15.0	15.0	22.6	21.1	20.0	31.8	27.3	27.4	27.4	19.4	19.6
100 to 499 lb	20.3	15.0	17.0	31.5	25.5	24.0	34.6	23.3	22.5	20.2	18.1	17.3
500 to 749 lb	18.7	17.9	19.3	46.9	19.1	19.0	28.5	24.0	25.8	21.3	24.4	24.0
750 to 999 lb	16.7	18.1	14.8	38.6	20.2	22.7	22.4	26.6	28.6	43.2	37.0	37.3
1,000 to 9,999 lb	16.1	12.7	11.7	13.1	13.2	13.4	13.1	18.7	17.0	18.1	18.0	17.8
10,000 to 49,999 lb	16.5	9.0	8.7	9.1	13.0	12.7	22.3	20.6	20.2	15.6	28.3	27.9
50,000 to 99,999 lb	16.4	19.6	19.4	27.3	27.0	27.2	S	S	S	42.8	48.5	47.8
100,000 lb or more	32.5	42.1	39.4	32.8	28.7	31.6	26.5	33.0	30.9	S	S	S
SCTG 27, Pulp, newsprint, paper, and paperboard	**12.0**	**12.8**	**13.3**	**13.8**	**11.8**	**12.1**	**14.4**	**12.6**	**13.0**	**17.5**	**23.8**	**23.1**
Less than 50 lb	23.2	22.9	25.2	32.4	34.9	35.6	28.0	27.9	27.9	29.3	31.0	31.0
50 to 99 lb	28.4	23.9	26.0	31.1	38.0	38.6	48.9	S	S	S	S	S
100 to 499 lb	28.9	21.3	23.4	35.4	35.7	36.4	31.1	34.7	34.5	46.8	49.7	48.4
500 to 749 lb	22.8	18.9	20.1	30.1	33.5	31.4	44.2	42.7	40.6	S	49.9	S
750 to 999 lb	40.9	22.7	23.3	30.8	29.8	31.6	46.5	44.7	46.3	39.0	S	S
1,000 to 9,999 lb	23.8	19.3	21.7	26.9	19.0	19.7	25.2	19.2	19.8	42.5	33.4	34.2
10,000 to 49,999 lb	11.5	14.5	15.5	16.7	14.4	15.0	18.3	15.1	16.6	15.8	30.5	30.4
50,000 to 99,999 lb	37.9	31.2	32.0	24.2	29.4	30.5	29.8	33.2	32.9	32.7	23.1	23.0
100,000 lb or more	22.3	19.4	19.4	28.0	19.0	19.1	16.8	20.8	16.8	30.4	26.9	26.2
SCTG 28, Paper or paperboard articles	**7.6**	**9.0**	**9.3**	**10.7**	**12.0**	**11.8**	**11.2**	**14.0**	**14.0**	**9.5**	**12.2**	**12.4**
Less than 50 lb	24.7	17.5	18.5	19.8	17.8	17.3	26.4	22.0	21.2	27.0	25.8	25.6
50 to 99 lb	27.9	16.7	20.4	24.7	31.2	31.9	22.4	25.9	24.6	37.1	26.4	26.9
100 to 499 lb	15.9	14.3	13.9	15.0	15.6	14.9	20.7	19.0	19.8	40.1	23.0	23.3
500 to 749 lb	18.3	16.5	16.3	20.2	24.2	24.7	S	17.3	17.7	44.3	S	S
750 to 999 lb	21.3	18.1	17.0	21.4	19.8	17.9	29.7	31.2	29.5	29.8	29.2	28.5
1,000 to 9,999 lb	11.1	13.2	14.1	10.4	13.1	13.0	20.1	22.5	22.5	14.7	18.2	18.7
10,000 to 49,999 lb	10.0	9.6	9.6	15.4	15.6	15.4	18.0	17.0	17.3	13.2	15.5	16.0
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	–	–	–

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 Division: 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	**6.4**	**8.8**	**8.5**	**9.3**	**12.0**	**13.9**	**11.5**	**16.3**	**16.4**	**16.7**	**23.1**	**24.8**
Less than 50 lb	18.8	12.8	10.8	20.0	23.2	25.0	17.1	25.1	25.0	21.6	28.4	28.1
50 to 99 lb	15.3	19.1	20.0	25.8	24.8	22.8	35.3	44.0	44.5	S	34.6	32.3
100 to 499 lb	20.7	16.5	16.1	32.6	21.9	20.2	39.4	34.0	33.2	S	49.8	S
500 to 749 lb	18.6	16.8	13.9	20.9	S	S	29.9	19.2	19.9	28.8	21.3	20.8
750 to 999 lb	17.3	17.9	19.0	30.7	17.9	17.3	28.7	21.9	21.7	46.9	S	S
1,000 to 9,999 lb	10.0	12.7	13.3	15.7	30.1	33.8	29.9	40.4	40.7	18.7	41.9	44.6
10,000 to 49,999 lb	12.9	12.4	13.0	10.8	8.0	7.8	14.0	15.0	15.6	16.3	16.0	16.1
50,000 to 99,999 lb	S	S	S	44.1	38.6	38.9	S	S	S	S	S	S
100,000 lb or more	S	S	S	44.2	S	S	S	S	S	S	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**18.3**	**30.9**	**34.3**	**16.7**	**14.0**	**15.4**	**18.1**	**15.1**	**15.4**	**15.0**	**12.7**	**13.0**
Less than 50 lb	20.1	12.3	13.0	23.3	16.7	16.7	20.0	20.1	20.8	20.8	23.4	22.7
50 to 99 lb	18.2	18.1	17.8	S	45.4	39.2	S	S	S	19.4	12.3	12.6
100 to 499 lb	24.0	16.5	17.8	13.2	19.7	19.0	23.5	20.8	20.7	44.8	36.2	34.2
500 to 749 lb	22.4	14.7	14.2	15.7	23.9	23.1	16.9	24.0	24.8	35.3	30.9	32.2
750 to 999 lb	20.4	20.4	18.7	23.8	32.3	31.7	25.9	24.9	25.2	24.4	29.5	28.6
1,000 to 9,999 lb	23.8	18.2	21.4	24.6	27.0	30.6	23.5	20.9	21.5	22.9	24.7	25.7
10,000 to 49,999 lb	39.0	S	S	41.4	29.5	29.2	43.9	32.2	32.7	38.5	22.7	23.8
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 31, Nonmetallic mineral products	**8.7**	**11.4**	**12.9**	**9.7**	**19.1**	**19.1**	**8.7**	**17.1**	**19.3**	**10.9**	**20.1**	**20.8**
Less than 50 lb	33.8	31.5	31.4	23.2	36.2	36.9	17.7	21.7	21.5	23.9	30.7	30.9
50 to 99 lb	26.3	21.5	21.2	34.1	46.5	44.2	25.2	29.8	29.8	40.5	37.7	36.8
100 to 499 lb	16.2	34.1	31.3	26.3	21.6	22.0	34.0	27.1	27.8	30.9	25.4	26.1
500 to 749 lb	29.7	42.5	37.6	22.0	20.7	26.4	S	S	S	39.8	22.3	21.9
750 to 999 lb	24.3	18.0	19.1	24.4	26.9	26.2	31.7	22.8	22.8	S	S	S
1,000 to 9,999 lb	17.1	13.8	15.1	36.7	23.6	23.5	15.4	22.3	23.9	19.5	11.1	11.0
10,000 to 49,999 lb	10.7	11.6	12.9	10.1	7.0	7.1	10.1	8.9	9.6	17.8	20.2	20.2
50,000 to 99,999 lb	12.0	12.5	11.8	26.9	31.9	31.7	31.5	49.2	45.1	33.8	S	S
100,000 lb or more	29.1	29.3	31.8	36.3	41.5	39.0	S	S	S	S	S	S
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**6.1**	**6.9**	**9.0**	**8.4**	**11.4**	**11.9**	**5.9**	**10.8**	**11.3**	**14.5**	**24.9**	**28.1**
Less than 50 lb	17.5	18.5	18.9	21.4	13.4	14.3	27.4	19.7	19.4	35.3	26.0	26.3
50 to 99 lb	22.3	14.5	13.5	14.9	13.0	12.7	19.5	15.2	14.6	S	21.8	22.0
100 to 499 lb	12.8	11.3	10.0	18.2	10.7	10.8	13.6	11.4	12.1	21.6	22.8	22.4
500 to 749 lb	15.7	13.0	13.4	11.1	16.0	15.5	17.6	14.3	14.3	38.2	35.6	35.0
750 to 999 lb	40.5	11.9	12.1	18.9	12.6	12.8	15.2	14.6	15.4	18.3	28.2	27.5
1,000 to 9,999 lb	9.2	8.4	8.7	6.4	9.5	8.9	5.1	8.0	8.1	14.9	11.7	11.6
10,000 to 49,999 lb	8.5	8.8	9.6	10.6	13.1	14.0	7.5	9.5	9.3	9.5	17.7	19.4
50,000 to 99,999 lb	12.0	10.2	10.0	16.6	16.3	16.7	29.1	22.9	22.2	43.8	44.1	45.9
100,000 lb or more	20.1	20.7	27.7	25.7	17.2	18.0	19.2	24.0	24.9	37.6	37.6	40.8
SCTG 33, Articles of base metal	**5.9**	**5.0**	**5.3**	**9.3**	**9.8**	**10.0**	**15.8**	**14.2**	**14.3**	**10.5**	**17.6**	**17.0**
Less than 50 lb	10.6	11.5	12.0	25.1	32.2	36.6	12.4	18.3	17.8	13.9	19.2	18.8
50 to 99 lb	31.5	25.9	22.2	S	42.8	43.2	S	S	48.7	19.1	16.0	16.1
100 to 499 lb	11.7	13.3	11.9	10.1	14.1	11.8	47.7	30.1	29.3	22.2	16.4	16.4
500 to 749 lb	16.4	10.0	13.1	23.4	20.3	19.8	17.6	24.4	25.0	S	17.9	17.8
750 to 999 lb	31.1	16.2	13.4	20.8	14.3	14.8	35.6	19.2	18.0	34.5	26.4	26.3
1,000 to 9,999 lb	10.7	9.0	8.8	11.4	19.9	21.3	14.9	23.8	24.4	29.3	S	S
10,000 to 49,999 lb	7.6	6.8	6.7	9.2	10.2	10.7	14.4	17.2	17.5	11.3	15.5	15.8
50,000 to 99,999 lb	S	41.7	39.6	26.5	36.5	35.5	38.3	S	S	S	38.4	38.3
100,000 lb or more	S	S	S	41.5	39.6	41.2	32.1	31.7	31.0	S	S	S
SCTG 34, Machinery	**9.9**	**12.9**	**11.9**	**6.5**	**7.3**	**7.4**	**5.7**	**7.2**	**6.8**	**6.2**	**12.4**	**15.0**
Less than 50 lb	10.7	20.9	19.8	24.5	34.2	38.3	11.3	10.6	10.7	9.1	18.5	18.7
50 to 99 lb	14.4	10.2	9.6	12.6	11.7	11.5	13.3	11.1	11.3	18.3	14.8	14.9
100 to 499 lb	12.5	13.8	14.1	9.8	11.1	11.1	11.2	9.4	9.5	12.7	13.5	13.8
500 to 749 lb	16.3	15.0	14.1	10.6	10.7	10.3	23.6	17.4	18.6	16.5	20.6	20.2
750 to 999 lb	21.2	18.6	19.9	21.7	16.2	15.5	18.5	15.0	15.1	31.2	26.6	23.7
1,000 to 9,999 lb	7.6	8.5	8.4	8.1	8.9	8.5	9.1	11.3	11.0	8.9	14.3	14.9
10,000 to 49,999 lb	12.9	16.4	15.5	12.9	9.8	9.9	9.3	11.6	11.5	11.2	12.2	11.0
50,000 to 99,999 lb	39.6	25.0	24.3	30.1	27.8	29.8	31.2	25.5	25.5	S	S	S
100,000 lb or more	48.4	50.0	48.4	33.4	31.1	31.5	35.2	36.6	36.5	49.2	S	S
SCTG 35, Electronic and other electrical equipment and components and office equipment	**12.2**	**7.2**	**7.2**	**8.1**	**12.8**	**12.8**	**6.7**	**7.5**	**7.1**	**9.4**	**7.7**	**7.6**
Less than 50 lb	11.8	11.8	10.6	5.6	10.1	10.3	19.2	10.5	10.6	12.1	12.0	11.9
50 to 99 lb	12.2	12.7	13.8	15.0	15.3	13.9	17.0	15.6	15.0	13.1	16.5	16.7
100 to 499 lb	15.8	9.8	11.5	9.6	10.8	10.0	11.1	16.3	16.8	22.3	13.3	13.4
500 to 749 lb	14.9	16.1	16.3	13.4	21.1	23.4	11.8	17.6	17.4	19.2	17.1	16.8
750 to 999 lb	21.2	16.7	16.7	16.5	12.9	14.0	44.6	24.3	24.3	22.0	20.5	21.5
1,000 to 9,999 lb	31.8	13.2	12.5	11.8	6.6	6.1	11.5	9.6	9.5	16.8	13.7	13.3
10,000 to 49,999 lb	16.7	13.1	12.6	19.4	21.1	20.9	16.4	11.4	10.8	35.7	11.9	11.6
50,000 to 99,999 lb	S	S	S	S	S	S	44.2	39.1	37.5	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 Division: 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)	**9.4**	**16.7**	**18.4**	**10.5**	**8.0**	**9.7**	**8.4**	**7.7**	**7.7**	**14.0**	**21.9**	**21.2**
Less than 50 lb	11.0	13.4	13.4	13.9	19.1	17.4	20.6	23.6	23.5	22.9	34.8	32.7
50 to 99 lb	21.6	15.4	16.2	17.1	21.6	24.1	28.7	27.9	28.2	36.1	36.4	35.3
100 to 499 lb	29.7	10.0	10.8	36.1	21.7	22.1	42.4	23.5	24.7	38.0	36.0	36.7
500 to 749 lb	22.2	10.8	12.1	30.3	28.0	30.8	22.3	S	S	S	33.1	34.0
750 to 999 lb	30.4	33.8	28.6	33.3	26.4	25.3	21.4	25.8	24.0	30.9	32.7	32.9
1,000 to 9,999 lb	14.6	8.8	8.9	15.0	8.7	9.1	15.9	12.1	12.4	19.9	14.0	14.4
10,000 to 49,999 lb	9.3	7.2	7.4	18.1	10.0	9.1	15.8	11.4	11.2	29.2	21.8	22.1
50,000 to 99,999 lb	30.7	22.4	23.6	38.3	18.1	17.7	29.2	16.1	16.1	31.8	29.8	29.2
100,000 lb or more	S	S	S	43.8	S	S	25.3	21.0	21.2	47.9	S	S
SCTG 37, Transportation equipment, n.e.c.	**25.4**	**36.4**	**42.0**	**19.3**	**23.6**	**24.1**	**20.4**	**46.3**	**S**	**13.2**	**33.3**	**31.4**
Less than 50 lb	22.4	17.1	16.6	38.4	S	S	27.1	21.5	21.2	24.9	38.7	38.4
50 to 99 lb	S	31.7	31.7	S	S	S	41.4	29.0	27.5	48.9	29.9	30.0
100 to 499 lb	S	28.3	25.5	36.2	32.0	33.9	S	44.3	45.2	35.8	29.2	29.2
500 to 749 lb	S	49.4	S	41.8	S	S	S	41.0	37.5	45.8	S	S
750 to 999 lb	S	S	S	S	35.9	36.4	S	S	S	S	S	S
1,000 to 9,999 lb	16.6	18.3	17.8	23.1	17.3	18.6	29.4	20.0	20.0	32.0	22.1	21.4
10,000 to 49,999 lb	18.9	35.6	33.3	37.2	32.1	33.8	22.1	31.5	33.0	27.8	40.4	38.1
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S	–	–	–
100,000 lb or more	S	S	S	49.4	37.5	39.4	S	S	S	–	–	–
SCTG 38, Precision instruments and apparatus	**13.0**	**12.5**	**14.2**	**8.4**	**19.8**	**21.3**	**8.6**	**15.9**	**16.9**	**10.3**	**28.9**	**28.7**
Less than 50 lb	16.6	13.0	12.6	12.6	13.7	14.0	13.9	14.6	14.3	15.5	13.8	13.8
50 to 99 lb	20.0	16.6	16.8	20.8	15.5	15.5	20.8	14.8	13.6	40.6	27.7	28.0
100 to 499 lb	29.8	24.3	30.8	18.7	21.1	21.7	27.8	17.5	16.6	21.2	22.8	22.4
500 to 749 lb	S	S	S	47.0	32.3	33.0	39.2	45.2	42.9	42.6	35.6	37.1
750 to 999 lb	48.8	S	S	31.3	28.3	27.5	46.6	42.3	43.1	43.2	46.8	44.7
1,000 to 9,999 lb	29.7	28.8	29.9	15.6	19.0	19.6	24.0	34.7	36.1	39.3	27.1	26.5
10,000 to 49,999 lb	47.5	S	48.6	S	S	S	S	42.2	44.6	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–	–	–	–
SCTG 39, Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs	**12.7**	**19.0**	**20.3**	**9.1**	**14.8**	**14.5**	**13.5**	**17.5**	**16.8**	**14.2**	**23.5**	**24.0**
Less than 50 lb	25.6	22.9	23.1	17.7	18.2	18.5	29.5	22.1	22.0	22.2	28.5	28.9
50 to 99 lb	18.6	19.9	20.7	16.3	15.9	15.9	25.3	47.6	48.6	23.3	23.3	23.7
100 to 499 lb	10.0	8.9	9.2	14.8	12.8	13.8	12.2	14.6	14.7	19.3	27.5	28.4
500 to 749 lb	27.7	22.9	22.6	18.4	23.9	26.5	19.2	14.6	14.5	23.5	26.0	27.2
750 to 999 lb	25.4	19.2	19.8	21.6	20.8	20.9	38.3	20.4	19.2	18.9	37.8	39.4
1,000 to 9,999 lb	15.0	15.1	13.1	13.1	15.5	18.1	12.1	18.1	17.7	19.6	27.2	28.7
10,000 to 49,999 lb	25.0	33.5	34.8	19.3	29.1	28.3	27.6	29.8	28.6	35.1	S	S
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 40, Miscellaneous manufactured products	**9.8**	**7.0**	**7.2**	**3.6**	**6.9**	**6.8**	**5.2**	**8.3**	**8.6**	**7.8**	**9.7**	**10.1**
Less than 50 lb	7.7	9.2	10.5	9.2	13.1	14.1	8.6	15.4	17.0	20.8	17.5	18.6
50 to 99 lb	9.4	11.9	12.8	10.0	12.8	12.6	20.8	12.3	11.6	13.7	9.3	9.0
100 to 499 lb	12.3	10.5	11.7	8.2	48.1	45.4	9.0	10.1	9.7	10.1	11.3	11.1
500 to 749 lb	10.4	8.0	9.4	20.9	10.2	10.3	19.5	15.8	15.3	21.8	29.3	30.3
750 to 999 lb	19.0	26.6	24.6	30.8	13.9	14.5	29.8	22.2	22.8	23.6	25.0	25.7
1,000 to 9,999 lb	29.0	15.0	17.5	10.9	11.8	11.1	9.7	14.0	14.3	12.7	19.5	18.7
10,000 to 49,999 lb	18.3	9.8	10.0	11.8	8.6	8.0	13.7	13.9	14.8	16.2	11.8	12.2
50,000 to 99,999 lb	30.8	33.4	29.8	46.3	28.8	28.6	41.8	49.8	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	S	S	S	S	S	S
SCTG 41, Waste and scrap	**22.9**	**12.8**	**13.7**	**12.0**	**15.0**	**16.4**	**16.6**	**23.7**	**21.7**	**32.6**	**31.6**	**32.3**
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
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	S	S	S
1,000 to 9,999 lb	S	47.5	42.5	42.1	45.9	45.4	S	S	S	S	S	S
10,000 to 49,999 lb	30.7	18.2	18.1	14.4	20.2	24.3	27.8	S	S	26.4	39.1	40.0
50,000 to 99,999 lb	15.4	16.8	16.1	42.4	43.0	40.5	S	S	S	S	S	S
100,000 lb or more	32.3	19.0	20.8	21.2	22.0	22.0	25.2	21.9	22.6	S	46.4	47.7
SCTG 43, Mixed freight	**11.8**	**14.8**	**15.2**	**43.1**	**26.9**	**29.0**	**30.1**	**23.2**	**23.3**	**S**	**42.0**	**40.1**
Less than 50 lb	46.6	40.4	46.5	S	S	S	S	S	S	S	S	S
50 to 99 lb	35.1	39.5	40.4	47.8	S	S	S	27.6	28.6	S	S	S
100 to 499 lb	24.7	27.4	26.3	30.3	41.5	41.3	S	30.4	30.3	37.5	33.9	32.9
500 to 749 lb	28.2	32.4	31.5	S	42.7	46.2	S	35.7	36.3	S	44.8	44.9
750 to 999 lb	20.8	27.0	27.7	47.1	45.0	42.4	48.6	32.0	31.8	S	S	S
1,000 to 9,999 lb	12.8	15.2	15.5	40.8	24.5	26.5	47.4	37.4	37.1	49.5	33.8	33.1
10,000 to 49,999 lb	17.9	19.9	21.3	S	31.6	33.4	30.6	25.2	26.1	S	S	S
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 Division: 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	**18.2**	**28.3**	**30.0**	**33.3**	**38.9**	**38.3**	**34.5**	**26.2**	**25.8**	**21.4**	**33.7**	**35.8**
Less than 50 lb	28.7	28.4	28.6	36.2	43.4	35.8	38.0	42.5	43.3	49.0	S	S
50 to 99 lb	31.1	S	48.8	S	S	S	37.1	33.4	33.2	S	S	S
100 to 499 lb	31.1	35.8	35.0	S	39.7	40.2	39.0	S	S	46.3	32.1	30.6
500 to 749 lb	S	42.5	42.2	S	28.7	30.8	46.2	34.0	34.4	40.5	38.7	39.6
750 to 999 lb	34.8	S	S	36.2	43.2	45.1	42.7	43.9	43.3	S	S	S
1,000 to 9,999 lb	32.1	34.1	34.0	28.6	S	S	40.4	32.7	33.2	43.2	23.4	23.4
10,000 to 49,999 lb	25.2	33.5	32.3	S	33.0	33.1	48.9	30.6	29.4	29.7	36.5	36.6
50,000 to 99,999 lb	48.6	49.2	48.0	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 Division: 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	**4.5**	**5.4**	**5.3**	**3.6**	**5.2**	**5.1**	**6.3**	**9.0**	**9.2**
Less than 50 lb	5.1	7.3	7.5	9.0	14.4	15.2	6.4	7.5	8.2
50 to 99 lb	11.0	10.5	10.5	11.6	12.8	13.2	32.9	32.6	31.0
100 to 499 lb	7.8	7.8	7.8	12.3	7.8	7.6	13.4	17.2	17.2
500 to 749 lb	26.9	29.8	26.7	38.0	47.0	48.1	25.5	17.1	17.0
750 to 999 lb	8.6	6.5	6.8	18.9	10.5	10.5	28.0	21.8	21.1
1,000 to 9,999 lb	6.1	17.3	16.8	7.3	4.6	4.8	11.3	9.0	8.7
10,000 to 49,999 lb	9.2	5.0	5.0	3.2	4.4	4.2	10.8	11.7	12.4
50,000 to 99,999 lb	37.6	20.3	19.2	34.7	18.1	18.4	S	42.3	42.2
100,000 lb or more	18.0	17.9	17.2	20.1	17.5	16.8	32.7	22.8	22.3
SCTG 01, Live animals and live fish	**–**	**–**	**–**	**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	–	–	–	–	–	–	–	–	–
10,000 to 49,999 lb	–	–	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 02, Cereal grains	**S**	**S**	**S**	**S**	**40.4**	**41.2**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	–	–	–
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	–	–	–	–	–	–	–	–	–
1,000 to 9,999 lb	S	49.4	S	S	S	S	–	–	–
10,000 to 49,999 lb	S	S	S	S	41.4	42.1	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–
SCTG 03, Other agricultural products	**27.0**	**38.3**	**39.4**	**S**	**30.0**	**29.5**	**45.1**	**S**	**S**
Less than 50 lb	49.3	S	S	38.9	45.0	45.8	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	33.6	31.7	30.8	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	45.0	S	S	S	S	S	S	S	S
10,000 to 49,999 lb	S	38.4	38.6	28.6	30.0	31.1	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 04, Animal feed and products of animal origin, n.e.c.	**24.3**	**23.5**	**23.1**	**47.6**	**27.4**	**28.3**	**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	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	26.4	31.3	30.7	20.8	20.5	20.7	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	S	45.2	44.2	S	44.3	44.0	–	–	–
SCTG 05, Meat, fish, seafood, and their preparations	**16.9**	**16.6**	**16.1**	**17.5**	**17.1**	**17.4**	**37.6**	**41.6**	**41.4**
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	27.9	27.6	29.0	42.4	36.7	37.8	–	–	–
500 to 749 lb	S	39.9	39.0	S	33.9	33.9	–	–	–
750 to 999 lb	34.8	33.4	33.9	33.1	33.5	34.6	–	–	–
1,000 to 9,999 lb	16.5	17.1	16.5	11.9	13.4	13.4	S	S	S
10,000 to 49,999 lb	21.6	20.4	20.1	20.5	19.6	19.9	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 06, Milled grain products and preparations, and bakery products	**13.5**	**17.9**	**18.9**	**17.3**	**17.1**	**16.6**	**26.5**	**23.9**	**30.9**
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	40.3	41.8	41.8	38.8	S	S	S	S	S
500 to 749 lb	48.9	49.0	49.0	44.4	42.0	42.8	S	S	S
750 to 999 lb	S	S	S	48.3	45.6	45.7	S	S	S
1,000 to 9,999 lb	22.1	21.3	21.0	28.5	26.3	26.3	S	S	S
10,000 to 49,999 lb	14.5	18.2	19.5	19.3	14.1	14.1	30.5	28.7	36.3
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	34.8	34.6	34.0	43.5	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 Division: 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	**12.3**	**10.8**	**11.0**	**12.6**	**11.5**	**11.3**	**20.4**	**29.4**	**29.7**
Less than 50 lb	S	44.7	46.0	S	S	S	41.5	S	S
50 to 99 lb	S	42.7	40.7	S	S	S	S	S	S
100 to 499 lb	26.7	21.5	20.2	28.6	23.8	24.5	S	S	S
500 to 749 lb	25.6	25.3	24.5	36.5	33.9	34.4	S	S	48.9
750 to 999 lb	34.3	34.2	35.2	26.9	21.1	21.4	S	45.1	43.4
1,000 to 9,999 lb	19.3	27.1	24.9	22.5	13.3	13.0	S	49.0	48.8
10,000 to 49,999 lb	14.3	12.2	12.2	17.0	12.3	11.8	32.1	37.4	36.8
50,000 to 99,999 lb	S	S	S	34.5	S	S	–	–	–
100,000 lb or more	36.8	28.4	27.2	27.7	26.1	25.8	S	S	S
SCTG 08, Alcoholic beverages	**S**	**S**	**S**	**37.4**	**40.4**	**39.2**	**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	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	40.8	38.3	39.1	37.9	40.4	39.2	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–
SCTG 09, Tobacco products	**43.7**	**39.7**	**39.1**	**S**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	49.3	S	45.8	41.7	41.9	S	S	S
50 to 99 lb	S	S	S	S	S	S	S	S	S
100 to 499 lb	47.1	39.7	40.7	45.7	43.5	43.3	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	–	–	–	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 10, Monumental or building stone	**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
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	S	S	–	–	–	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 11, Natural sands	**44.3**	**S**	**S**	**33.3**	**36.9**	**39.3**	**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	S	S	S	–	–	–
10,000 to 49,999 lb	S	S	S	34.2	36.5	37.1	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	46.2	S	S	S	S	S	S	S	S
SCTG 12, Gravel and crushed stone	**S**	**S**	**S**	**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	–	–	–	–	–	–	–	–	–
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.	**S**	**44.5**	**43.0**	**S**	**43.3**	**42.4**	**S**	**S**	**S**
Less than 50 lb	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	48.5	S	S	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
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 Division: 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	**28.2**	**S**	**S**	**42.7**	**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	43.2	42.9	S	S	S	S	S	S
500 to 749 lb	S	46.6	47.6	–	–	–	S	S	S
750 to 999 lb	S	S	S	–	–	–	–	–	–
1,000 to 9,999 lb	42.0	41.3	41.7	S	S	S	S	S	S
10,000 to 49,999 lb	S	S	S	44.9	S	S	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 15, Coal	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
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	–	–	–	–	–	–	–	–	–
SCTG 17, Gasoline and aviation turbine fuel	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
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	–	–	–	–	–	–	–	–	–
SCTG 18, Fuel oils	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
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	–	–	–	–	–	–	–	–	–
SCTG 19, Coal and petroleum products, n.e.c.	**43.9**	**33.3**	**28.4**	**20.7**	**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	S	S	S
100 to 499 lb	39.4	42.9	45.1	41.7	38.3	38.3	–	–	–
500 to 749 lb	S	S	S	S	S	S	–	–	–
750 to 999 lb	49.4	49.1	49.2	S	S	S	–	–	–
1,000 to 9,999 lb	S	S	S	36.7	45.0	45.6	S	S	S
10,000 to 49,999 lb	37.1	31.8	33.7	28.2	47.0	47.5	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	21.3	23.4	23.5	47.6	S	S	–	–	–
SCTG 20, Basic chemicals	**14.4**	**S**	**47.8**	**19.1**	**15.4**	**15.9**	**17.7**	**26.5**	**27.9**
Less than 50 lb	29.9	29.0	28.1	S	34.7	33.4	S	S	S
50 to 99 lb	S	44.3	45.4	S	47.9	49.1	S	S	S
100 to 499 lb	42.0	46.8	45.9	42.9	26.1	26.3	43.7	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S
750 to 999 lb	33.2	32.3	32.7	S	S	S	S	S	S
1,000 to 9,999 lb	28.2	36.5	38.8	S	33.5	32.9	49.4	S	S
10,000 to 49,999 lb	20.4	23.0	22.4	21.7	15.9	16.2	28.4	39.9	41.9
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	33.8	S	S	38.2	31.6	31.4	44.6	42.3	42.1
SCTG 21, Pharmaceutical products	**19.2**	**27.6**	**29.7**	**23.4**	**27.8**	**27.6**	**49.0**	**27.4**	**27.4**
Less than 50 lb	34.2	21.5	21.9	28.6	27.8	27.8	S	45.2	43.7
50 to 99 lb	40.6	34.3	34.7	42.2	38.4	37.8	S	43.2	40.3
100 to 499 lb	38.9	19.5	19.4	26.6	18.6	18.9	S	38.5	39.7
500 to 749 lb	S	37.5	39.4	47.8	41.1	40.8	S	S	S
750 to 999 lb	S	49.9	S	S	43.2	42.6	–	–	–
1,000 to 9,999 lb	21.1	26.0	25.6	49.6	31.2	30.3	S	S	S
10,000 to 49,999 lb	S	S	S	48.7	44.1	43.5	–	–	–
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 Division: 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**	**S**	**S**	**S**	**S**	**S**	**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	–	–	–
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	–	–	–	–	–	–	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 23, Chemical products and preparations, n.e.c.	**15.1**	**17.0**	**17.9**	**15.3**	**12.8**	**13.2**	**22.3**	**24.3**	**24.3**
Less than 50 lb	26.9	19.4	19.5	31.8	23.6	23.4	35.8	26.4	26.5
50 to 99 lb	33.4	31.1	32.2	46.9	31.3	31.0	45.2	49.9	49.9
100 to 499 lb	24.2	24.9	24.2	26.9	27.4	27.2	S	37.2	36.8
500 to 749 lb	29.9	20.6	20.2	28.1	28.8	28.6	S	S	S
750 to 999 lb	S	35.3	38.1	27.2	24.5	25.2	38.2	34.9	34.8
1,000 to 9,999 lb	22.8	27.8	33.0	25.3	15.9	15.8	30.5	21.7	21.2
10,000 to 49,999 lb	18.5	17.2	16.9	17.8	13.9	14.4	24.0	25.6	25.9
50,000 to 99,999 lb	S	S	S	–	–	–	S	S	S
100,000 lb or more	S	S	S	44.2	43.9	44.8	S	S	S
SCTG 24, Plastics and rubber	**18.1**	**21.4**	**22.8**	**6.6**	**9.0**	**9.2**	**16.5**	**23.2**	**23.9**
Less than 50 lb	14.4	23.0	22.6	18.5	19.2	18.9	30.3	32.9	32.5
50 to 99 lb	24.4	15.6	16.5	25.5	24.9	24.9	35.6	39.3	39.3
100 to 499 lb	14.5	16.1	15.8	15.6	14.0	13.9	15.6	17.4	17.3
500 to 749 lb	28.1	17.0	17.4	18.7	31.6	31.3	S	38.0	37.0
750 to 999 lb	16.6	18.6	18.6	19.1	21.5	21.9	32.6	37.8	37.3
1,000 to 9,999 lb	10.3	8.8	8.7	12.3	12.1	12.1	23.2	21.7	21.3
10,000 to 49,999 lb	37.7	34.9	36.9	9.3	10.6	10.7	31.5	32.2	32.7
50,000 to 99,999 lb	–	–	–	S	S	S	–	–	–
100,000 lb or more	44.1	45.0	43.2	S	S	S	S	S	S
SCTG 25, Logs and other wood in the rough	**S**	**S**	**S**	**45.3**	**S**	**S**	**S**	**S**	**S**
Less than 50 lb	S	S	S	S	S	S	–	–	–
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	S	S	S	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–
750 to 999 lb	S	S	S	–	–	–	–	–	–
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	–	–	–	S	S	S	–	–	–
100,000 lb or more	–	–	–	S	S	S	S	S	S
SCTG 26, Wood products	**21.3**	**16.8**	**16.3**	**14.8**	**16.1**	**16.5**	**19.5**	**25.0**	**25.1**
Less than 50 lb	27.2	23.6	23.7	26.3	22.1	22.4	S	48.4	46.1
50 to 99 lb	45.2	32.4	31.9	27.0	31.2	31.7	S	S	S
100 to 499 lb	27.5	18.2	17.9	24.9	19.3	19.0	S	S	S
500 to 749 lb	35.9	37.5	36.2	41.9	34.6	34.4	S	S	S
750 to 999 lb	48.9	S	S	44.2	47.1	47.1	S	S	S
1,000 to 9,999 lb	22.3	17.1	17.1	30.8	26.2	25.7	S	46.1	45.9
10,000 to 49,999 lb	33.5	21.4	20.8	18.9	21.5	22.3	29.6	29.3	29.4
50,000 to 99,999 lb	40.3	38.1	41.8	38.4	38.3	37.5	–	–	–
100,000 lb or more	38.3	40.2	41.4	30.1	32.1	31.3	S	S	S
SCTG 27, Pulp, newsprint, paper, and paperboard	**15.9**	**16.4**	**17.1**	**15.2**	**21.9**	**20.6**	**32.1**	**33.6**	**33.4**
Less than 50 lb	34.5	S	S	29.4	28.2	27.0	36.5	39.0	41.3
50 to 99 lb	S	S	S	44.6	49.3	48.9	S	S	S
100 to 499 lb	39.7	34.0	33.9	S	S	S	S	S	S
500 to 749 lb	45.1	38.0	37.0	40.8	S	S	S	S	S
750 to 999 lb	48.2	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	30.6	31.9	30.5	34.6	32.0	31.2	48.8	S	48.8
10,000 to 49,999 lb	20.0	25.0	24.9	17.6	27.8	26.8	46.5	48.0	46.8
50,000 to 99,999 lb	35.1	30.3	30.4	S	47.3	48.9	S	S	S
100,000 lb or more	S	44.9	45.6	23.5	25.3	25.2	–	–	–
SCTG 28, Paper or paperboard articles	**20.3**	**28.9**	**30.4**	**13.3**	**13.8**	**13.8**	**26.0**	**25.1**	**25.4**
Less than 50 lb	30.3	31.5	32.2	38.4	47.5	47.7	S	28.7	29.3
50 to 99 lb	37.8	33.4	33.3	30.0	31.3	32.8	S	S	S
100 to 499 lb	29.4	18.0	17.8	36.6	22.4	22.8	S	S	S
500 to 749 lb	26.3	25.8	26.1	26.2	30.6	32.1	S	S	S
750 to 999 lb	45.3	48.8	S	25.7	28.7	28.6	S	S	S
1,000 to 9,999 lb	23.7	19.8	19.7	18.7	13.0	13.0	34.7	34.5	34.5
10,000 to 49,999 lb	31.4	35.6	37.5	15.3	17.1	17.1	45.4	39.0	39.3
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 Division: 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	**47.4**	**S**	**S**	**33.4**	**22.4**	**23.0**	**15.7**	**20.5**	**19.5**
Less than 50 lb	22.8	24.9	25.0	21.3	19.5	20.3	22.7	28.6	28.0
50 to 99 lb	42.9	37.9	37.1	S	S	S	S	41.9	39.9
100 to 499 lb	25.7	20.7	20.1	S	44.4	46.2	32.6	35.5	33.7
500 to 749 lb	33.9	28.9	28.8	34.3	28.1	27.3	S	S	S
750 to 999 lb	S	33.6	34.7	S	S	S	S	44.6	44.5
1,000 to 9,999 lb	S	S	S	13.1	14.5	14.4	25.9	30.4	28.8
10,000 to 49,999 lb	S	39.3	38.1	25.2	22.8	22.8	38.7	36.0	36.2
50,000 to 99,999 lb	–	–	–	S	S	S	S	S	S
100,000 lb or more	–	–	–	S	S	S	S	S	S
SCTG 30, Textiles, leather, and articles of textiles or leather	**15.4**	**16.8**	**16.0**	**18.1**	**S**	**S**	**32.1**	**36.0**	**36.2**
Less than 50 lb	18.5	25.5	23.9	23.2	29.3	30.4	24.9	21.2	23.8
50 to 99 lb	20.0	18.1	18.8	32.3	36.8	37.2	32.9	37.4	37.3
100 to 499 lb	20.4	17.2	17.0	15.3	14.6	14.3	28.5	30.3	33.6
500 to 749 lb	49.8	41.0	39.5	28.5	29.3	29.4	S	38.6	38.5
750 to 999 lb	S	S	S	33.0	42.5	42.2	S	S	S
1,000 to 9,999 lb	36.8	29.2	28.9	21.3	17.1	17.0	S	S	49.3
10,000 to 49,999 lb	39.5	40.4	39.0	34.8	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	S	S	S	–	–	–
100,000 lb or more	–	–	–	S	S	S	–	–	–
SCTG 31, Nonmetallic mineral products	**16.8**	**20.6**	**19.6**	**24.5**	**33.6**	**32.1**	**19.5**	**30.0**	**29.0**
Less than 50 lb	25.7	29.8	29.2	39.8	36.7	37.1	45.0	48.2	49.8
50 to 99 lb	S	S	S	42.8	S	S	41.3	48.8	48.7
100 to 499 lb	21.0	19.1	19.5	36.1	35.0	34.7	40.4	37.0	36.6
500 to 749 lb	S	38.8	37.8	S	49.1	49.0	44.8	44.2	44.3
750 to 999 lb	S	S	S	S	40.1	38.5	S	S	S
1,000 to 9,999 lb	15.8	23.8	22.3	46.8	31.2	30.9	40.8	29.5	S
10,000 to 49,999 lb	26.4	16.5	16.4	32.0	18.8	18.0	32.5	35.8	34.9
50,000 to 99,999 lb	S	S	S	S	43.6	44.0	S	S	S
100,000 lb or more	35.8	47.6	45.0	S	S	S	S	S	S
SCTG 32, Base metal in primary or semifinished forms and in finished basic shapes	**12.2**	**20.4**	**19.4**	**14.6**	**19.5**	**19.8**	**17.3**	**25.0**	**24.7**
Less than 50 lb	36.4	21.8	21.3	S	24.1	23.7	S	S	S
50 to 99 lb	36.5	25.9	25.8	35.6	36.0	35.1	S	S	S
100 to 499 lb	28.4	33.0	32.8	27.3	20.4	19.9	S	47.6	46.8
500 to 749 lb	24.0	17.1	16.7	S	24.5	24.5	47.4	44.1	44.2
750 to 999 lb	37.2	33.1	33.8	S	48.7	48.7	47.8	S	S
1,000 to 9,999 lb	20.3	19.4	20.8	12.2	12.3	13.6	35.5	35.1	34.8
10,000 to 49,999 lb	14.9	16.2	16.5	14.6	17.2	17.0	18.3	22.5	22.8
50,000 to 99,999 lb	S	S	S	S	49.4	48.7	S	S	S
100,000 lb or more	43.0	46.7	43.8	35.6	32.7	32.3	S	45.8	44.0
SCTG 33, Articles of base metal	**13.3**	**30.6**	**31.4**	**36.3**	**12.2**	**12.1**	**28.0**	**30.7**	**31.4**
Less than 50 lb	10.5	11.9	12.2	S	S	S	26.3	19.8	21.0
50 to 99 lb	27.8	19.2	20.0	21.2	20.5	20.4	S	S	S
100 to 499 lb	27.5	37.0	37.3	S	43.1	41.1	25.5	22.2	20.5
500 to 749 lb	35.2	21.9	23.8	28.4	15.9	15.9	S	S	S
750 to 999 lb	22.5	21.8	22.0	49.6	38.5	38.9	48.8	S	S
1,000 to 9,999 lb	23.8	49.3	48.2	14.0	14.7	14.3	45.0	27.3	27.4
10,000 to 49,999 lb	24.7	18.0	19.2	14.5	15.6	15.3	27.2	30.4	29.8
50,000 to 99,999 lb	S	S	S	S	S	S	S	S	S
100,000 lb or more	37.9	46.2	46.5	S	S	S	S	S	S
SCTG 34, Machinery	**19.6**	**25.7**	**23.9**	**16.5**	**25.8**	**27.2**	**33.8**	**S**	**S**
Less than 50 lb	19.1	10.5	10.4	18.8	23.0	23.5	27.3	33.9	38.1
50 to 99 lb	19.0	15.0	15.0	19.2	12.6	12.6	42.8	S	S
100 to 499 lb	15.2	13.3	14.4	10.4	12.6	12.7	41.7	S	S
500 to 749 lb	S	S	S	S	S	S	S	S	S
750 to 999 lb	26.1	23.2	24.5	36.6	32.2	31.0	S	S	S
1,000 to 9,999 lb	17.9	11.4	11.8	14.5	21.8	20.9	40.6	S	48.4
10,000 to 49,999 lb	38.4	34.1	32.3	18.3	12.3	12.5	S	S	S
50,000 to 99,999 lb	29.9	33.0	33.9	S	48.4	S	S	S	S
100,000 lb or more	S	S	S	S	S	S	–	–	–
SCTG 35, Electronic and other electrical equipment and components and office equipment	**11.4**	**13.3**	**13.6**	**9.4**	**11.9**	**11.5**	**11.2**	**21.1**	**21.1**
Less than 50 lb	11.6	11.5	11.3	14.0	19.0	19.6	19.3	18.7	20.1
50 to 99 lb	21.4	39.1	38.0	12.3	24.8	25.1	33.1	23.9	29.3
100 to 499 lb	20.1	14.9	14.7	20.8	24.1	23.8	33.2	36.5	39.2
500 to 749 lb	32.6	33.7	36.2	36.4	31.8	31.2	36.8	S	S
750 to 999 lb	25.7	23.3	23.6	41.1	18.8	20.6	S	40.4	40.5
1,000 to 9,999 lb	27.7	16.3	16.4	25.6	16.8	18.1	25.0	24.0	28.9
10,000 to 49,999 lb	21.9	19.0	19.2	23.1	16.8	15.9	30.6	41.4	43.0
50,000 to 99,999 lb	S	S	S	44.3	42.0	42.5	–	–	–
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 Division: 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)	**12.3**	**9.7**	**9.9**	**11.2**	**9.0**	**8.9**	**16.1**	**29.8**	**29.6**
Less than 50 lb	22.2	16.9	17.7	16.5	15.6	15.9	27.8	32.7	33.4
50 to 99 lb	43.1	37.8	41.5	S	35.1	33.3	S	S	S
100 to 499 lb	28.1	19.5	19.1	41.8	25.2	25.0	27.4	21.5	22.5
500 to 749 lb	32.3	29.8	31.5	37.3	37.2	39.8	39.0	48.8	49.5
750 to 999 lb	39.3	28.5	30.8	S	34.6	35.1	S	S	S
1,000 to 9,999 lb	14.9	15.7	15.4	19.3	15.9	16.6	24.7	19.3	20.3
10,000 to 49,999 lb	17.3	13.9	14.4	14.1	13.4	13.2	32.8	S	S
50,000 to 99,999 lb	44.0	31.4	30.7	44.1	39.5	38.8	–	–	–
100,000 lb or more	S	41.3	42.2	S	S	S	–	–	–
SCTG 37, Transportation equipment, n.e.c.	**29.0**	**34.4**	**34.6**	**27.0**	**23.6**	**23.9**	**41.8**	**S**	**S**
Less than 50 lb	28.2	24.0	22.4	39.8	21.7	21.5	S	S	S
50 to 99 lb	S	33.4	34.0	S	34.4	33.9	S	S	S
100 to 499 lb	S	27.1	26.5	41.3	27.6	28.1	S	44.1	45.3
500 to 749 lb	S	47.5	45.2	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	S	31.8	32.4	37.8	40.2	40.2	S	S	S
10,000 to 49,999 lb	38.4	23.9	24.1	26.9	34.6	34.9	S	S	S
50,000 to 99,999 lb	S	S	S	–	–	–	–	–	–
100,000 lb or more	S	S	S	–	–	–	–	–	–
SCTG 38, Precision instruments and apparatus	**16.0**	**19.0**	**18.6**	**14.1**	**15.2**	**15.4**	**22.9**	**27.7**	**26.8**
Less than 50 lb	26.4	20.0	18.5	16.0	14.9	14.7	26.5	24.2	21.7
50 to 99 lb	41.9	25.2	24.1	32.1	47.0	48.2	49.7	45.9	46.2
100 to 499 lb	25.8	32.1	32.1	22.2	25.3	25.4	37.1	41.2	40.3
500 to 749 lb	S	S	S	S	37.6	37.5	S	S	S
750 to 999 lb	S	S	S	S	S	S	S	S	S
1,000 to 9,999 lb	26.2	38.7	33.3	44.3	38.8	39.1	S	S	S
10,000 to 49,999 lb	40.5	47.5	48.5	S	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	**21.8**	**25.7**	**27.4**	**12.7**	**33.0**	**34.2**	**S**	**48.4**	**S**
Less than 50 lb	39.7	18.8	18.8	34.4	25.5	25.5	S	40.5	40.9
50 to 99 lb	31.0	36.8	38.2	18.1	23.4	23.0	S	S	S
100 to 499 lb	22.1	30.2	31.5	15.9	24.0	23.3	S	S	S
500 to 749 lb	S	49.5	47.3	30.3	39.3	38.6	S	S	S
750 to 999 lb	44.6	40.1	38.3	26.8	20.0	20.4	S	S	S
1,000 to 9,999 lb	31.1	26.3	25.7	19.1	17.4	17.8	46.5	45.1	47.5
10,000 to 49,999 lb	43.7	48.1	S	21.2	31.0	33.0	S	S	S
50,000 to 99,999 lb	–	–	–	S	S	S	–	–	–
100,000 lb or more	–	–	–	–	–	–	–	–	–
SCTG 40, Miscellaneous manufactured products	**8.4**	**23.5**	**27.0**	**13.0**	**37.4**	**36.8**	**14.2**	**26.8**	**25.9**
Less than 50 lb	10.1	10.7	10.4	11.7	8.8	8.7	17.9	17.2	17.6
50 to 99 lb	20.0	16.9	16.5	13.9	14.9	14.7	42.1	32.8	30.2
100 to 499 lb	11.2	12.5	11.7	11.1	16.0	16.5	26.6	35.4	35.4
500 to 749 lb	19.1	18.7	19.2	38.9	32.6	34.0	37.8	22.9	23.0
750 to 999 lb	19.8	21.1	21.2	22.5	17.5	17.6	S	S	S
1,000 to 9,999 lb	15.4	11.3	11.4	30.3	23.9	24.3	29.4	28.5	28.8
10,000 to 49,999 lb	22.2	17.1	17.4	20.7	18.7	18.9	39.6	27.3	27.4
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 41, Waste and scrap	**46.8**	**33.2**	**32.7**	**34.4**	**34.7**	**35.3**	**S**	**S**	**S**
Less than 50 lb	–	–	–	–	–	–	S	S	S
50 to 99 lb	–	–	–	–	–	–	–	–	–
100 to 499 lb	S	S	S	–	–	–	–	–	–
500 to 749 lb	–	–	–	–	–	–	–	–	–
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	30.4	40.0	43.3	38.0	40.3	40.0	S	S	S
50,000 to 99,999 lb	S	S	S	S	S	S	–	–	–
100,000 lb or more	S	43.8	42.9	S	44.0	44.2	–	–	–
SCTG 43, Mixed freight	**43.3**	**33.5**	**32.3**	**31.6**	**33.8**	**34.2**	**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	42.9	47.2	46.0	S	30.9	30.6	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	38.5	38.3	–	–	–
10,000 to 49,999 lb	S	46.0	45.0	32.4	33.6	32.8	–	–	–
50,000 to 99,999 lb	–	–	–	–	–	–	–	–	–
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 Division: 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	**34.8**	**37.6**	**39.5**	**35.2**	**46.0**	**44.0**	**S**	**S**	**S**
Less than 50 lb	46.0	49.0	47.7	38.1	45.1	45.8	S	S	S
50 to 99 lb	40.9	39.6	39.8	S	S	S	S	S	S
100 to 499 lb	32.4	28.5	28.0	38.7	32.1	31.9	S	S	S
500 to 749 lb	48.3	44.2	42.2	S	42.3	42.4	S	S	S
750 to 999 lb	S	S	S	S	S	S	–	–	–
1,000 to 9,999 lb	37.5	23.9	23.6	48.5	40.8	39.6	S	S	S
10,000 to 49,999 lb	46.5	37.4	37.7	S	S	S	S	S	S
50,000 to 99,999 lb	–	–	–	S	S	S	–	–	–
100,000 lb or more	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 →

FORM CFS-1000 (11-1-96)

U.S. Census Bureau, 1997 Economic Census

SELECTING YOUR SAMPLE OF SHIPMENTS

1. Use the file or combination of files that best reflects your full range of outbound shipping activities.

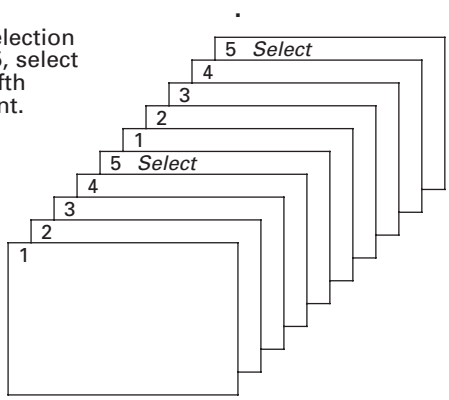
2. Begin with the first shipment. Count the shipments until you reach your selection rate. Select this shipment to report on in item F.

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.

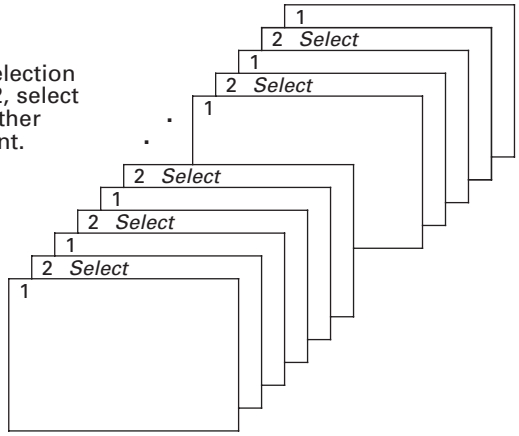
4. Repeat step 3 until you reach the last shipment for the one-week period. If the last shipment is counted as the selection rate, select this shipment to report on in item F. If the last shipment is not counted as the selection rate, do not report this shipment.

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 →

FORM CFS-1000 (11-1-96)

U.S. Census Bureau, 1997 Economic Census

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

FORM CFS-1000 (11-1-96)

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.

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.

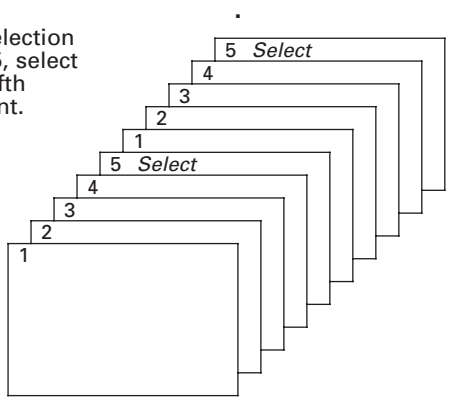
2. Begin with the first shipment. Count the shipments until you reach your selection rate. Select this shipment to report on in item F.

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.

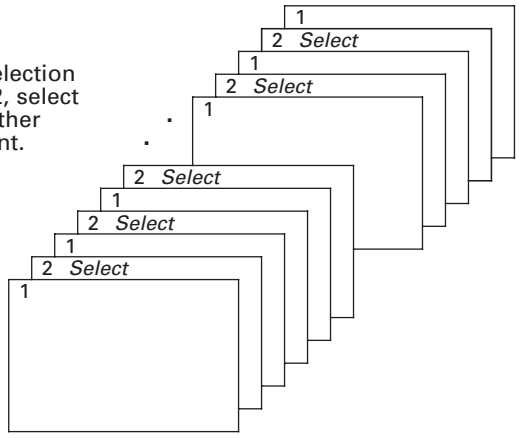
4. Repeat step 3 until you reach the last shipment for the one-week period. If the last shipment is counted as the selection rate, select this shipment to report on in item F. If the last shipment is not counted as the selection rate, do not report this shipment.

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).

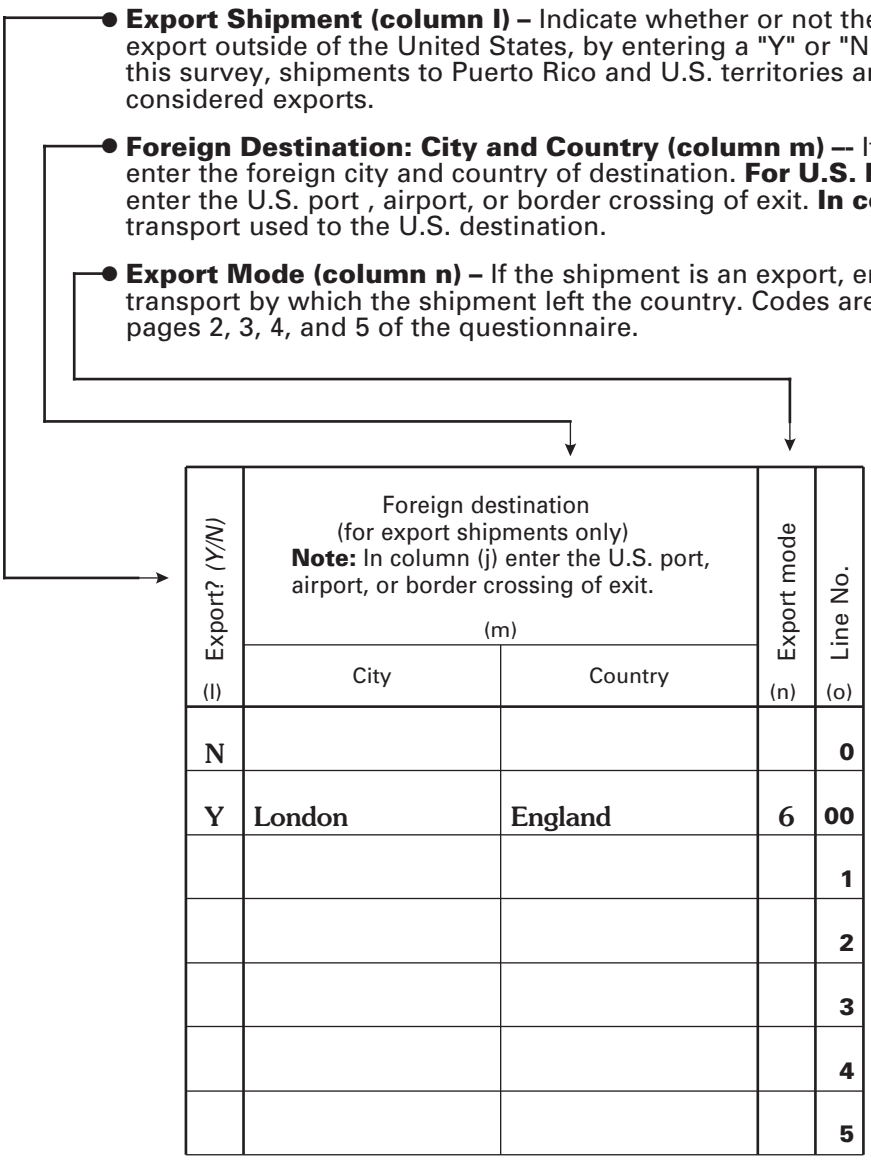
  For Export Shipments: List only the mode(s) of transport used to reach the port, airport, or border crossing of exit.

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.