

# Kentucky

# 1997

Issued January 2000

EC97T48A-KY

## 1997 Economic Census

*Transportation and Warehousing*

Geographic Area Series



# U.S. CENSUS BUREAU

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
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-- Not applicable for this report.

# Introduction to the Economic Census

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## 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.

## ALL-NEW INDUSTRY CLASSIFICATIONS

Data from the 1997 Economic Census are published primarily on the basis of the North American Industry Classification System (NAICS), unlike earlier censuses, which were published according to the Standard Industrial Classification (SIC) system. NAICS is in the process of being adopted in the United States, Canada, and Mexico. Most economic census reports cover one of the following NAICS sectors:

21	Mining
22	Utilities
23	Construction
31-33	Manufacturing
42	Wholesale Trade
44-45	Retail Trade
48-49	Transportation and Warehousing
51	Information

52	Finance and Insurance
53	Real Estate and Rental and Leasing
54	Professional, Scientific, and Technical Services
55	Management of Companies and Enterprises
56	Administrative and Support and Waste Management and Remediation Services
61	Educational Services
62	Health Care and Social Assistance
71	Arts, Entertainment, and Recreation
72	Accommodation and Foodservices
81	Other Services (except Public Administration)

(Not listed above are the Agriculture, Forestry, Fishing, and Hunting sector (NAICS 11), partially covered by the census of agriculture conducted by the U.S. Department of Agriculture, and the Public Administration sector (NAICS 92), covered by the census of governments conducted by the Census Bureau.)

The 20 NAICS sectors are subdivided into 96 subsectors (three-digit codes), 313 industry groups (four-digit codes), and, as implemented in the United States, 1170 industries (five- and six-digit codes).

## RELATIONSHIP TO SIC

While many of the individual NAICS industries correspond directly to industries as defined under the SIC system, most of the higher level groupings do not. Particular care should be taken in comparing data for retail trade, wholesale trade, and manufacturing, which are sector titles used in both NAICS and SIC, but cover somewhat different groups of industries. The industry definitions discuss the relationships between NAICS and SIC industries. Where changes are significant, it will not be possible to construct time series that include data for points both before and after 1997.

For 1997, data for auxiliary establishments (those functioning primarily to manage, service, or support the activities of their company's operating establishments, such as a central administrative office or warehouse) will not be included in the sector-specific reports. These data will be published separately.

## GEOGRAPHIC AREA CODING

Accurate and complete information on the physical location of each establishment is required to tabulate the census data for the states, metropolitan areas (MAs), counties, parishes, and corporate municipalities including cities, towns, villages, and boroughs. Respondents were

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required to report their physical location (street address, municipality, county, and state) if it differed from their mailing address. For establishments not surveyed by mail (and those single-establishment companies that did not provide acceptable information on physical location), location information from Internal Revenue Service tax forms is used as a basis for coding.

## **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.

## **DOLLAR VALUES**

All dollar values presented are expressed in current dollars; i.e., 1997 data are expressed in 1997 dollars, and 1992 data, in 1992 dollars. Consequently, when making comparisons with prior years, users of the data should consider the changes in prices that have occurred.

All dollar values are shown in thousands of dollars.

## **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](http://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.

### **Special Tabulations**

Special tabulations of data collected in the 1997 Economic Census may be obtained, depending on availability of time and personnel, in electronic or tabular form. The data will be summaries subject to the same rules prohibiting disclosure of confidential information (including name, address, kind of business, or other data for individual business establishments or companies) that govern the regular publications.

Special tabulations are prepared on a cost basis. A request for a cost estimate, as well as exact specifications on the type and format of the data to be provided, should be directed to the Chief of the division named below, U.S. Census Bureau, Washington, DC 20233-8300. To discuss a special tabulation before submitting specifications, call the appropriate division:

Manufacturing and Construction Division	301-457-4673
Service Sector Statistics Division	301-457-2668

## **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.

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## 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](http://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](http://www.census.gov/econ/www/history.html).

## ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used with the 1997 Economic Census data:

A	Standard error of 100 percent or more.
D	Withheld to avoid disclosing data of individual companies; data are included in higher level totals.
F	Exceeds 100 percent because data include establishments with payroll exceeding revenue.
N	Not available or not comparable.
Q	Revenue not collected at this level of detail for multiestablishment firms.
S	Withheld because estimates did not meet publication standards.

V	Represents less than 50 vehicles or .05 percent.
X	Not applicable.
Y	Disclosure withheld because of insufficient coverage of merchandise lines.
Z	Less than half the unit shown.
a	0 to 19 employees.
b	20 to 99 employees.
c	100 to 249 employees.
e	250 to 499 employees.
f	500 to 999 employees.
g	1,000 to 2,499 employees.
h	2,500 to 4,999 employees.
i	5,000 to 9,999 employees.
j	10,000 to 24,999 employees.
k	25,000 to 49,999 employees.
l	50,000 to 99,999 employees.
m	100,000 employees or more.
p	10 to 19 percent estimated.
q	20 to 29 percent estimated.
r	Revised.
s	Sampling error exceeds 40 percent.
nec	Not elsewhere classified.
nsk	Not specified by kind.
–	Represents zero (page image/print only).
(CC)	Consolidated city.
(IC)	Independent city.



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# Transportation and Warehousing

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## SCOPE

The Transportation and Warehousing sector (sector 48-49) includes industries providing transportation of passengers and cargo, warehousing and storage for goods, scenic and sightseeing transportation, and support activities related to modes of transportation. Establishments in these industries use transportation equipment or transportation related facilities as a productive asset. The type of equipment depends on the mode of transportation. The modes of transportation are air, rail, water, road and pipeline.

The Transportation and Warehousing sector distinguishes three basic types of activities: subsectors for each mode of transportation, a subsector for warehousing and storage, and a subsector for establishments providing support activities for transportation. In addition, there are subsectors for establishments that provide passenger transportation for scenic and sightseeing purposes, postal services, and courier services.

A separate subsector for support activities is established in the sector because, first, support activities for transportation are inherently multimodal, such as freight transportation arrangement, or have multimodal aspects. Secondly, there are production process similarities among the support activity industries.

Many of the establishments in this sector often operate on networks, with physical facilities, labor forces, and equipment spread over an extensive geographic area.

Warehousing establishments in this sector are distinguished from merchant wholesaling in that the warehouse establishments do not sell the goods.

Excluded from this sector are establishments primarily engaged in providing travel agent services that support transportation and other establishments, such as hotels, businesses, and government agencies. These establishments are classified in Sector 56, Administrative and Support, Waste Management, and Remediation Services. Also, establishments primarily engaged in providing rental and leasing of transportation equipment without operator are classified in Subsector 532, Rental and Leasing Services.

## GENERAL

A list of reports that provide statistics on sector 48-49 follows.

**Geographic area report.** There is a separate report for each state, the District of Columbia, and the United States. Each state report presents general statistics on number of

establishments, revenue, payroll, and employment by kind of business for the state and metropolitan areas (MAs). Greater kind-of-business detail is shown for larger areas. The United States report presents data for the United States as a whole.

**Sources of revenue report.** This report presents sources of revenue data for establishments by kind of business. Data are presented for the United States.

**Establishment and firm size (including legal form of organization) report.** This report presents revenue, payroll, and employment data for the United States by revenue size, by employment size, and by legal form of organization for establishments; and by revenue size (including concentration by largest firms), by employment size, and by number of establishments operated (single units and multiunits) for firms.

**Miscellaneous subjects report.** This report presents data for establishments for a variety of industry-specific questions. Presentation of data varies by kind of business.

## GEOGRAPHIC AREAS COVERED

The level of geographic detail varies by report. Data may be presented for:

1. The United States as a whole.
2. States and the District of Columbia.
3. Consolidated metropolitan statistical areas (CMSAs) and primary metropolitan statistical areas (PMSAs) defined by the Office of Management and Budget (OMB) as of June 30, 1997. A CMSA is an area used to facilitate the presentation and analysis of data for large concentrations of metropolitan populations. It includes two or more contiguous PMSAs which have a population of at least 1,000,000 (according to the 1990 Census of Population or subsequent special census) and which meet specific criteria of urban character and of social and economic integration.
4. Metropolitan statistical areas (MSAs) defined by the OMB as of June 30, 1997. An MSA is an integrated economic and social unit with a population nucleus of at least 50,000 inhabitants (according to the 1990 Census of Population or subsequent special census). Each

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MSA consists of one or more counties meeting standards of metropolitan character. In New England, cities and towns rather than counties are the component geographic units.

#### **COMPARABILITY OF THE 1992 AND 1997 CENSUSES**

The 1997 Economic Census is the first census to present data based on the new North American Industry Classification System (NAICS). Previous census data were presented according to the Standard Industrial Classification (SIC) system developed some 60 years ago. Due to this change, comparability between census years may be limited. Comparative statistics will be included as part of the Core Business Statistics Reports.

#### **DISCLOSURE**

In accordance with Federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or business. However, the number of

establishments in a kind-of-business classification is not considered a disclosure; therefore, this information may be released even though other information is withheld.

#### **AVAILABILITY OF MORE FREQUENT ECONOMIC DATA**

The Bureau of the Census conducts the Transportation Annual Survey (TAS) each year. This survey, while providing more frequent observations, yields less kind-of-business and geographic detail than the census. In addition, the County Business Patterns program offers annual statistics on the number of establishments, employment, and payroll classified by industry within each county. The program also includes data for establishments of firms that do not have annual payroll.

**Table 1. Summary Statistics for the State: 1997**

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

NAICS code	Kind of business	Establishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
							From administrative records <sup>1</sup>	Estimated <sup>2</sup>
<b>KENTUCKY</b>								
<b>48-49</b>	<b>Transportation &amp; warehousing %* **</b>	<b>2 919</b>	<b>6 288 735</b>	<b>1 447 860</b>	<b>366 442</b>	<b>49 545</b>	<b>8.1</b>	<b>2.4</b>
481	Air transportation %	39	673 458	181 153	43 411	10 437	.4	.8
4811	Scheduled air transportation %	11	D	D	D	j	D	D
48111	Scheduled air transportation %	11	D	D	D	j	D	D
481111	Scheduled passenger air transportation %	7	D	D	D	h	D	D
4812	Nonscheduled air transportation	28	D	D	D	e	D	D
48121	Nonscheduled air transportation	28	D	D	D	e	D	D
481211	Nonscheduled chartered passenger air transportation	23	D	D	D	c	D	D
483	Water transportation	30	371 657	86 400	20 023	2 548	.3	1.6
4831	Deep sea, coastal, & Great Lakes water transportation	6	14 406	2 522	654	90	7.5	26.5
48311	Deep sea, coastal, & Great Lakes water transportation	6	14 406	2 522	654	90	7.5	26.5
4832	Inland water transportation	24	357 251	83 878	19 369	2 458	—	.6
48321	Inland water transportation	24	357 251	83 878	19 369	2 458	—	.6
483211	Inland water freight transportation	21	356 116	83 390	19 284	2 442	—	.4
4832111	Inland waterways freight transportation (except towing)	10	252 891	53 153	11 647	1 456	—	.1
4832112	Inland waterways towing transportation	11	103 225	30 237	7 637	986	—	1.1
484	Truck transportation	2 149	2 284 109	550 253	121 382	20 222	19.8	4.8
4841	General freight trucking	718	1 414 565	332 083	73 530	11 137	10.8	2.9
48411	General freight trucking, local	227	128 710	39 703	8 299	1 709	40.5	11.1
484110	General freight trucking, local	227	128 710	39 703	8 299	1 709	40.5	11.1
4841101	General freight trucking without storage, local, truckload	171	85 421	20 913	4 157	908	52.9	10.1
4841102	General freight trucking w/o storage, local, less than truckload	50	39 589	16 715	3 833	727	16.1	12.6
48412	General freight trucking, long-distance	491	1 285 855	292 380	65 231	9 428	7.8	2.1
484121	General freight trucking, long-distance, truckload	396	864 712	160 859	35 083	5 750	11.1	2.3
484122	General freight trucking, long-distance, less than truckload	95	421 143	131 521	30 148	3 678	1.1	1.8
4842	Specialized freight trucking	1 431	869 544	218 170	47 852	9 085	34.5	7.9
48421	Used household & office goods moving	95	98 628	24 800	5 679	1 230	30.6	9.6
484210	Used household & office goods moving	95	98 628	24 800	5 679	1 230	30.6	9.6
4842101	Used household & office goods moving, local, without storage	31	26 679	5 584	1 288	304	76.2	7.0
4842102	Used household & office goods moving, long-distance	39	53 678	13 789	3 291	634	8.3	10.7
4842103	Used household & office goods moving, local, with storage	25	18 271	5 427	1 100	292	29.4	9.8
48422	Specialized freight (except used goods) trucking, local	1 095	515 750	122 758	26 225	5 665	43.5	9.1
484220	Specialized freight (except used goods) trucking, local	1 095	515 750	122 758	26 225	5 665	43.5	9.1
4842201	Hazardous materials trucking (except waste), local	37	23 226	5 259	1 108	186	28.7	9.2
4842202	Agricultural products trucking without storage, local	97	26 377	5 504	1 354	297	63.5	6.3
4842203	Dump trucking	744	350 465	80 405	16 979	3 778	47.9	10.0
4842204	Specialized trucking without storage, local	206	106 851	29 488	6 338	1 319	29.9	7.6
4842205	Specialized trucking with storage, local	11	8 831	2 102	446	85	14.9	1.9
48423	Specialized freight (except used goods) trucking, long-distance	241	255 166	70 612	15 948	2 190	17.7	4.8
484230	Specialized freight (except used goods) trucking, long-distance	241	255 166	70 612	15 948	2 190	17.7	4.8
4842301	Hazardous materials trucking (except waste), long-distance	45	37 587	11 044	2 742	372	15.2	6.2
4842302	Agricultural products trucking, long-distance	50	35 304	4 196	898	200	29.0	2.0
4842303	Other specialized trucking, long-distance	146	182 275	55 372	12 308	1 618	16.0	5.1
485	Transit & ground passenger transportation	130	D	D	D	g	D	D
4853	Taxi & limousine service	66	D	D	D	f	D	D
48531	Taxi service	45	16 161	8 098	1 895	611	4.8	3.6
485310	Taxi service	45	16 161	8 098	1 895	611	4.8	3.6
48532	Limousine service	21	D	D	D	c	D	D
485320	Limousine service	21	D	D	D	c	D	D
4854	School & employee bus transportation	14	D	D	D	e	D	D
48541	School & employee bus transportation	14	D	D	D	e	D	D
485410	School & employee bus transportation	14	D	D	D	e	D	D
4854101	School bus service	14	D	D	D	e	D	D
4855	Charter bus industry	14	10 619	4 051	838	255	13.0	8.7
48551	Charter bus industry	14	10 619	4 051	838	255	13.0	8.7
485510	Charter bus industry	14	10 619	4 051	838	255	13.0	8.7
4855102	Charter bus service, interstate/interurban	12	D	D	D	c	D	D
4859	Other transit & ground passenger transportation	27	D	D	D	e	D	D
48599	Other transit & ground passenger transportation	27	D	D	D	e	D	D
485991	Special needs transportation	21	D	D	D	e	D	D
485999	All other transit & ground passenger transportation	6	D	D	D	b	D	D
486	Pipeline transportation	35	315 032	57 527	15 664	1 205	—	—
4861	Pipeline transportation of crude oil	6	D	D	D	b	D	D
48611	Pipeline transportation of crude oil	6	D	D	D	b	D	D
486110	Pipeline transportation of crude oil	6	D	D	D	b	D	D
4862	Pipeline transportation of natural gas	28	304 752	53 946	14 853	1 131	—	—
48621	Pipeline transportation of natural gas	28	304 752	53 946	14 853	1 131	—	—
486210	Pipeline transportation of natural gas	28	304 752	53 946	14 853	1 131	—	—
4862101	Natural gas transmission	25	D	D	D	g	D	D
487	Scenic & sightseeing transportation	16	D	D	D	e	D	D
4871	Scenic & sightseeing transportation, land	9	D	D	D	b	D	D
48711	Scenic & sightseeing transportation, land	9	D	D	D	b	D	D
487110	Scenic & sightseeing transportation, land	9	D	D	D	b	D	D
4872	Scenic & sightseeing transportation, water	7	D	D	D	e	D	D
48721	Scenic & sightseeing transportation, water	7	D	D	D	e	D	D
487210	Scenic & sightseeing transportation, water	7	D	D	D	e	D	D
4872101	Excursion & sightseeing boats (including dinner cruises)	6	D	D	D	e	D	D

See footnotes at end of table.

**Table 1. Summary Statistics for the State: 1997—Con.**

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

NAICS code	Kind of business	Establishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
							From administrative records <sup>1</sup>	Estimated <sup>2</sup>
<b>KENTUCKY—Con.</b>								
<b>48-49</b>	<b>Transportation &amp; warehousing %* **—Con.</b>							
488	Support activities for transportation .....	290	334 926	79 615	19 338	3 326	5.7	5.7
4881	Support activities for air transportation .....	36	36 853	9 078	2 430	439	10.2	4.1
48811	Airport operations .....	22	20 227	6 905	1 902	353	1.8	.9
488119	Other airport operations .....	22	20 227	6 905	1 902	353	1.8	.9
4881191	Airport operation & terminal services .....	21	D	D	D	e	D	D
48819	Other support activities for air transportation .....	14	16 626	2 173	528	86	20.4	8.1
488190	Other support activities for air transportation .....	14	16 626	2 173	528	86	20.4	8.1
4882	Support activities for rail transportation .....	20	29 745	13 181	2 931	556	3.6	.3
48821	Support activities for rail transportation .....	20	29 745	13 181	2 931	556	3.6	.3
488210	Support activities for rail transportation .....	20	29 745	13 181	2 931	556	3.6	.3
4882101	Support activities incidental to rail transportation .....	20	29 745	13 181	2 931	556	3.6	.3
4883	Support activities for water transportation .....	32	113 034	12 623	3 034	439	.5	4.6
48832	Marine cargo handling .....	12	13 760	3 442	920	118	4.3	25.2
488320	Marine cargo handling .....	12	13 760	3 442	920	118	4.3	25.2
48833	Navigational services to shipping .....	8	89 798	4 677	1 114	193	—	1.9
488330	Navigational services to shipping .....	8	89 798	4 677	1 114	193	—	1.9
4883301	Tugboat service (including fleetling & harbor service) .....	7	D	D	D	c	D	D
48839	Other support activities for water transportation .....	7	4 057	1 214	229	46	—	—
488390	Other support activities for water transportation .....	7	4 057	1 214	229	46	—	—
4883901	Other services incidental to water transportation .....	7	4 057	1 214	229	46	—	—
4884	Support activities for road transportation .....	63	D	D	D	e	D	D
48841	Motor vehicle towing .....	55	21 519	6 078	1 629	363	34.0	14.5
488410	Motor vehicle towing .....	55	21 519	6 078	1 629	363	34.0	14.5
48849	Other support activities for road transportation .....	8	D	D	D	b	D	D
488490	Other support activities for road transportation .....	8	D	D	D	b	D	D
4885	Freight transportation arrangement .....	131	123 055	35 826	8 664	1 328	2.0	7.1
48851	Freight transportation arrangement .....	131	123 055	35 826	8 664	1 328	2.0	7.1
488510	Freight transportation arrangement .....	131	123 055	35 826	8 664	1 328	2.0	7.1
4885101	Freight forwarding .....	47	44 049	13 062	3 080	410	1.8	13.6
4885102	Arrangement of transportation of freight & cargo .....	84	79 006	22 764	5 584	918	2.1	3.5
4889	Other support activities for transportation .....	8	D	D	D	c	D	D
48899	Other support activities for transportation .....	8	D	D	D	c	D	D
488991	Packing & crating .....	8	D	D	D	c	D	D
492	Couriers & messengers .....	128	2 064 866	410 808	127 076	7 518	.3	.2
4921	Couriers .....	57	2 033 263	398 213	124 036	6 637	.1	—
49211	Couriers .....	57	2 033 263	398 213	124 036	6 637	.1	—
492110	Couriers .....	57	2 033 263	398 213	124 036	6 637	.1	—
4921101	Courier services (except by air) .....	25	D	D	D	e	D	D
4921102	Air courier services .....	32	D	D	D	i	D	D
4922	Local messengers & local delivery .....	71	31 603	12 595	3 040	881	17.3	11.6
49221	Local messengers & local delivery .....	71	31 603	12 595	3 040	881	17.3	11.6
492210	Local messengers & local delivery .....	71	31 603	12 595	3 040	881	17.3	11.6
493	Warehousing & storage .....	102	154 990	43 093	10 300	1 706	3.0	2.9
4931	Warehousing & storage .....	102	154 990	43 093	10 300	1 706	3.0	2.9
49311	General warehousing & storage .....	66	108 356	30 246	6 889	1 088	2.1	.8
493110	General warehousing & storage .....	66	108 356	30 246	6 889	1 088	2.1	.8
4931101	General warehousing & storage (except in foreign trade zones) .....	66	108 356	30 246	6 889	1 088	2.1	.8
49312	Refrigerated warehousing & storage .....	6	7 601	3 238	742	77	1.2	8.2
493120	Refrigerated warehousing & storage .....	6	7 601	3 238	742	77	1.2	8.2
4931201	Refrigerated products warehousing .....	6	7 601	3 238	742	77	1.2	8.2
49313	Farm product warehousing & storage .....	13	14 920	2 972	940	222	14.7	19.5
493130	Farm product warehousing & storage .....	13	14 920	2 972	940	222	14.7	19.5
49319	Other warehousing & storage .....	17	24 113	6 637	1 729	319	.6	.3
493190	Other warehousing & storage .....	17	24 113	6 637	1 729	319	.6	.3
4931901	Household goods warehousing & storage .....	6	D	D	D	c	D	D
4931902	Specialized goods warehousing & storage .....	11	D	D	D	c	D	D

%\* Data do not include large certificated passenger carriers that report to the Office of Airline Statistics, U.S. Department of Transportation.

\*\* Railroad transportation and U.S. Postal Service are out of scope for the 1997 Economic Census.

<sup>1</sup>Includes revenue information obtained from administrative records of other Federal agencies.

<sup>2</sup>Includes revenue information which was imputed based on historic company ratios or administrative records, or on industry averages.

**Table 2. Summary Statistics for Metropolitan Areas: 1997**

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For definitions of metropolitan areas (CMSAs, MSAs, and PMSAs), see Appendix E]

NAICS code	Geographic area and kind of business	Establishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
							From administrative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>CINCINNATI—HAMILTON, OH—KY—IN CMSA</b>							
<b>48-49</b>	<b>Transportation &amp; warehousing %* **</b>	<b>1 123</b>	<b>2 935 964</b>	<b>801 717</b>	<b>191 147</b>	<b>27 872</b>	<b>6.7</b>	<b>4.2</b>
481	Air transportation %* .....	23	D	D	D	h	D	D
4812	Nonscheduled air transportation .....	16	D	D	D	e	D	D
48121	Nonscheduled air transportation .....	16	D	D	D	e	D	D
481211	Nonscheduled chartered passenger air transportation .....	15	D	D	D	c	D	D
483	Water transportation .....	13	D	D	D	f	D	D
484	Truck transportation .....	631	1 015 452	295 548	67 587	9 618	15.4	7.5
4841	General freight trucking .....	296	619 148	201 116	47 395	6 199	12.2	4.4
48411	General freight trucking, local .....	106	113 207	31 237	8 185	1 240	36.8	6.3
484110	General freight trucking, local .....	106	113 207	31 237	8 185	1 240	36.8	6.3
4841101	General freight trucking without storage, local, truckload .....	63	80 979	17 213	3 850	596	41.5	6.2
4841102	General freight trucking w/o storage, local, less than truckload .....	37	D	D	D	f	D	D
48412	General freight trucking, long-distance .....	190	505 941	169 879	39 210	4 959	6.8	4.0
484121	General freight trucking, long-distance, truckload .....	141	246 160	48 140	11 522	1 648	12.5	5.9
484122	General freight trucking, long-distance, less than truckload .....	49	259 781	121 739	27 688	3 311	1.3	2.2
4842	Specialized freight trucking .....	335	396 304	94 432	20 192	3 419	20.3	12.2
48421	Used household & office goods moving .....	43	100 016	24 507	5 188	1 021	21.5	3.2
484210	Used household & office goods moving .....	43	100 016	24 507	5 188	1 021	21.5	3.2
4842101	Used household & office goods moving, local, without storage .....	18	D	D	D	c	D	D
4842102	Used household & office goods moving, long-distance .....	17	D	D	D	e	D	D
48422	Specialized freight (except used goods) trucking, local .....	222	133 522	33 705	6 703	1 240	30.2	9.8
484220	Specialized freight (except used goods) trucking, local .....	222	133 522	33 705	6 703	1 240	30.2	9.8
4842201	Hazardous materials trucking (except waste), local .....	11	D	D	D	c	D	D
4842203	Dump trucking .....	144	81 391	17 301	3 106	664	36.4	4.9
4842204	Specialized trucking without storage, local .....	54	D	D	D	e	D	D
48423	Specialized freight (except used goods) trucking, long-distance .....	70	162 766	36 220	8 301	1 158	11.5	19.7
484230	Specialized freight (except used goods) trucking, long-distance .....	70	162 766	36 220	8 301	1 158	11.5	19.7
4842301	Hazardous materials trucking (except waste), long-distance .....	11	24 266	7 375	1 755	230	4.0	54.4
4842303	Other specialized trucking, long-distance .....	49	119 740	24 845	5 730	822	13.5	8.0
485	Transit & ground passenger transportation .....	90	D	D	D	h	D	D
4853	Taxi & limousine service .....	31	D	D	D	e	D	D
48531	Taxi service .....	13	D	D	D	c	D	D
485310	Taxi service .....	13	D	D	D	c	D	D
48532	Limousine service .....	18	D	D	D	c	D	D
485320	Limousine service .....	18	D	D	D	c	D	D
4854	School & employee bus transportation .....	25	D	D	D	g	D	D
48541	School & employee bus transportation .....	25	D	D	D	g	D	D
485410	School & employee bus transportation .....	25	D	D	D	g	D	D
4854101	School bus service .....	25	D	D	D	g	D	D
4855	Charter bus industry .....	15	D	D	D	e	D	D
48551	Charter bus industry .....	15	D	D	D	e	D	D
485510	Charter bus industry .....	15	D	D	D	e	D	D
4859	Other transit & ground passenger transportation .....	17	D	D	D	e	D	D
48591	Other transit & ground passenger transportation .....	17	D	D	D	e	D	D
485911	Special needs transportation .....	11	D	D	D	e	D	D
486	Pipeline transportation .....	7	D	D	D	c	D	D
487	Scenic & sightseeing transportation .....	10	D	D	D	e	D	D
488	Support activities for transportation .....	220	228 482	59 690	14 506	2 274	4.9	12.2
4881	Support activities for air transportation .....	28	D	D	D	f	D	D
48819	Other support activities for air transportation .....	18	D	D	D	c	D	D
488190	Other support activities for air transportation .....	18	D	D	D	c	D	D
4882	Support activities for rail transportation .....	11	43 081	4 651	1 117	235	.3	1.8
48821	Support activities for rail transportation .....	11	43 081	4 651	1 117	235	.3	1.8
488210	Support activities for rail transportation .....	11	43 081	4 651	1 117	235	.3	1.8
4882101	Support activities incidental to rail transportation .....	11	43 081	4 651	1 117	235	.3	1.8
4883	Support activities for water transportation .....	15	D	D	D	c	D	D
4884	Support activities for road transportation .....	47	D	D	D	e	D	D
48841	Motor vehicle towing .....	44	D	D	D	e	D	D
488410	Motor vehicle towing .....	44	D	D	D	e	D	D
4885	Freight transportation arrangement .....	112	108 115	32 066	7 725	937	1.7	20.0
48851	Freight transportation arrangement .....	112	108 115	32 066	7 725	937	1.7	20.0
488510	Freight transportation arrangement .....	112	108 115	32 066	7 725	937	1.7	20.0
4885101	Freight forwarding .....	46	D	D	D	e	D	D
4885102	Arrangement of transportation of freight & cargo .....	66	D	D	D	e	D	D
492	Couriers & messengers .....	80	D	D	D	i	D	D
4921	Couriers .....	34	D	D	D	i	D	D
49211	Couriers .....	34	D	D	D	i	D	D
492110	Couriers .....	34	D	D	D	i	D	D
4921102	Air courier services .....	25	D	D	D	g	D	D
4922	Local messengers & local delivery .....	46	D	D	D	f	D	D
49221	Local messengers & local delivery .....	46	D	D	D	f	D	D
492210	Local messengers & local delivery .....	46	D	D	D	f	D	D
493	Warehousing & storage .....	49	97 074	24 225	5 572	915	1.6	1.7
4931	Warehousing & storage .....	49	97 074	24 225	5 572	915	1.6	1.7
49311	General warehousing & storage .....	35	D	D	D	f	D	D
493110	General warehousing & storage .....	35	D	D	D	f	D	D
4931101	General warehousing & storage (except in foreign trade zones) .....	35	D	D	D	f	D	D

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan Areas: 1997—Con.**

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For definitions of metropolitan areas (CMSAs, MSAs, and PMSAs), see Appendix E]

NAICS code	Geographic area and kind of business	Establishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
							From administrative records <sup>1</sup>	Estimated <sup>2</sup>
<b>CINCINNATI—HAMILTON, OH—KY—IN CMSA—Con.</b>								
<b>Cincinnati, OH—KY—IN PMSA</b>								
<b>48-49</b>	<b>Transportation &amp; warehousing %* **</b>	<b>940</b>	<b>2 589 021</b>	<b>694 094</b>	<b>165 436</b>	<b>23 486</b>	<b>6.1</b>	<b>3.8</b>
481	Air transportation %	20	D	D	D	h	D	D
4812	Nonscheduled air transportation	13	D	D	D	c	D	D
48121	Nonscheduled air transportation	13	D	D	D	c	D	D
481211	Nonscheduled chartered passenger air transportation	13	D	D	D	c	D	D
483	Water transportation	13	D	D	D	f	D	D
484	Truck transportation	506	726 700	204 511	45 591	6 255	16.9	7.6
4841	General freight trucking	239	499 855	151 141	34 442	4 315	11.1	5.0
48411	General freight trucking, local	91	85 623	25 128	5 509	871	40.1	8.4
484110	General freight trucking, local	91	85 623	25 128	5 509	871	40.1	8.4
4841101	General freight trucking without storage, local, truckload	52	56 191	13 110	2 389	408	48.7	8.9
4841102	General freight trucking w/o storage, local, less than truckload	34	25 316	11 194	2 923	431	18.9	8.2
48412	General freight trucking, long-distance	148	414 232	126 013	28 933	3 444	5.1	4.3
484121	General freight trucking, long-distance, truckload	106	180 687	30 478	7 380	991	10.8	6.7
484122	General freight trucking, long-distance, less than truckload	42	233 545	95 535	21 553	2 453	.7	2.4
4842	Specialized freight trucking	267	226 845	53 370	11 149	1 940	29.7	13.3
48421	Used household & office goods moving	32	34 104	9 555	2 097	385	62.2	8.8
484210	Used household & office goods moving	32	34 104	9 555	2 097	385	62.2	8.8
4842101	Used household & office goods moving, local, without storage	16	D	D	D	c	D	D
4842102	Used household & office goods moving, long-distance	11	D	D	D	c	D	D
48422	Specialized freight (except used goods) trucking, local	182	106 918	27 216	5 363	995	29.4	11.0
484220	Specialized freight (except used goods) trucking, local	182	106 918	27 216	5 363	995	29.4	11.0
4842203	Dump trucking	116	65 828	14 471	2 616	550	32.5	4.6
4842204	Specialized trucking without storage, local	45	24 091	7 872	1 757	278	30.6	15.3
48423	Specialized freight (except used goods) trucking, long-distance	53	85 823	16 599	3 689	560	17.1	17.9
484230	Specialized freight (except used goods) trucking, long-distance	53	85 823	16 599	3 689	560	17.1	17.9
4842303	Other specialized trucking, long-distance	36	58 612	10 608	2 406	391	22.3	10.0
485	Transit & ground passenger transportation	75	D	D	D	g	D	D
4853	Taxi & limousine service	26	D	D	D	c	D	D
48531	Taxi service	11	D	D	D	b	D	D
485310	Taxi service	11	D	D	D	b	D	D
48532	Limousine service	15	D	D	D	c	D	D
485320	Limousine service	15	D	D	D	c	D	D
4854	School & employee bus transportation	21	32 708	13 444	3 484	1 116	—	12.5
48541	School & employee bus transportation	21	32 708	13 444	3 484	1 116	—	12.5
485410	School & employee bus transportation	21	32 708	13 444	3 484	1 116	—	12.5
4854101	School bus service	21	32 708	13 444	3 484	1 116	—	12.5
4855	Charter bus industry	12	13 197	4 758	1 100	316	5.8	5.4
48551	Charter bus industry	12	13 197	4 758	1 100	316	5.8	5.4
485510	Charter bus industry	12	13 197	4 758	1 100	316	5.8	5.4
4859	Other transit & ground passenger transportation	14	D	D	D	c	D	D
48599	Other transit & ground passenger transportation	14	D	D	D	c	D	D
486	Pipeline transportation	6	D	D	D	c	D	D
487	Scenic & sightseeing transportation	10	D	D	D	e	D	D
488	Support activities for transportation	193	211 641	54 609	13 397	2 096	4.3	12.4
4881	Support activities for air transportation	25	D	D	D	e	D	D
48819	Other support activities for air transportation	16	D	D	D	c	D	D
488190	Other support activities for air transportation	16	D	D	D	c	D	D
4882	Support activities for rail transportation	11	43 081	4 651	1 117	235	.3	1.8
48821	Support activities for rail transportation	11	43 081	4 651	1 117	235	.3	1.8
488210	Support activities for rail transportation	11	43 081	4 651	1 117	235	.3	1.8
4882101	Support activities incidental to rail transportation	11	43 081	4 651	1 117	235	.3	1.8
4883	Support activities for water transportation	14	D	D	D	c	D	D
4884	Support activities for road transportation	39	11 964	4 492	1 072	234	24.3	6.8
48841	Motor vehicle towing	36	10 636	3 801	933	201	19.8	7.6
488410	Motor vehicle towing	36	10 636	3 801	933	201	19.8	7.6
4885	Freight transportation arrangement	98	98 292	29 621	7 186	861	1.8	20.5
48851	Freight transportation arrangement	98	98 292	29 621	7 186	861	1.8	20.5
488510	Freight transportation arrangement	98	98 292	29 621	7 186	861	1.8	20.5
4885101	Freight forwarding	40	46 301	14 537	3 515	439	3.1	13.9
4885102	Arrangement of transportation of freight & cargo	58	51 991	15 084	3 671	422	3.7	26.4
492	Couriers & messengers	77	458 119	253 420	63 375	7 639	1.2	1.1
4921	Couriers	33	416 446	239 891	60 701	7 091	.5	—
49211	Couriers	33	416 446	239 891	60 701	7 091	.5	—
492110	Couriers	33	416 446	239 891	60 701	7 091	.5	—
4921102	Air courier services	25	D	D	D	g	D	D
4922	Local messengers & local delivery	44	41 673	13 529	2 674	548	8.5	11.7
49221	Local messengers & local delivery	44	41 673	13 529	2 674	548	8.5	11.7
492210	Local messengers & local delivery	44	41 673	13 529	2 674	548	8.5	11.7
493	Warehousing & storage	40	77 944	20 631	4 724	758	1.5	1.5
4931	Warehousing & storage	40	77 944	20 631	4 724	758	1.5	1.5
49311	General warehousing & storage	30	56 177	12 833	2 890	497	2.1	2.1
493110	General warehousing & storage	30	56 177	12 833	2 890	497	2.1	2.1
4931101	General warehousing & storage (except in foreign trade zones)	30	56 177	12 833	2 890	497	2.1	2.1

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan Areas: 1997—Con.**

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For definitions of metropolitan areas (CMSAs, MSAs, and PMSAs), see Appendix E]

NAICS code	Geographic area and kind of business	Establishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
							From administrative records <sup>1</sup>	Estimated <sup>2</sup>
<b>CINCINNATI—HAMILTON, OH—KY—IN CMSA—Con.</b>								
<b>Hamilton—Middletown, OH PMSA</b>								
<b>48-49</b>	<b>Transportation &amp; warehousing %% **</b> .....	<b>183</b>	<b>346 943</b>	<b>107 623</b>	<b>25 711</b>	<b>4 386</b>	<b>11.1</b>	<b>6.7</b>
481	Air transportation %% .....	3	D	D	D	b	D	D
484	Truck transportation .....	125	288 752	91 037	21 996	3 363	11.6	7.2
4841	General freight trucking .....	57	119 293	49 975	12 953	1 894	17.0	2.2
48411	General freight trucking, local .....	15	27 584	6 109	2 676	369	26.7	—
484110	General freight trucking, local .....	15	27 584	6 109	2 676	369	26.7	—
4841101	General freight trucking without storage, local, truckload .....	11	24 788	4 103	1 461	188	25.2	—
48412	General freight trucking, long-distance .....	42	91 709	43 866	10 277	1 515	14.1	2.8
484121	General freight trucking, long-distance, truckload .....	35	65 473	17 662	4 142	657	17.3	3.8
4842	Specialized freight trucking .....	68	169 459	41 062	9 043	1 479	7.8	10.8
48421	Used household & office goods moving .....	11	65 912	14 952	3 091	636	.4	.3
484210	Used household & office goods moving .....	11	65 912	14 952	3 091	636	.4	.3
48422	Specialized freight (except used goods) trucking, local .....	40	26 604	6 489	1 340	245	33.3	5.2
484220	Specialized freight (except used goods) trucking, local .....	40	26 604	6 489	1 340	245	33.3	5.2
4842203	Dump trucking .....	28	15 563	2 830	490	114	53.1	6.4
48423	Specialized freight (except used goods) trucking, long-distance .....	17	76 943	19 621	4 612	598	5.2	21.7
484230	Specialized freight (except used goods) trucking, long-distance .....	17	76 943	19 621	4 612	598	5.2	21.7
4842303	Other specialized trucking, long-distance .....	13	61 128	14 237	3 324	431	5.0	6.0
485	Transit & ground passenger transportation .....	15	11 083	6 109	1 387	633	17.0	—
486	Pipeline transportation .....	1	D	D	D	a	D	D
488	Support activities for transportation .....	27	16 841	5 081	1 109	178	12.4	8.6
4885	Freight transportation arrangement .....	14	9 823	2 445	539	76	.8	14.8
48851	Freight transportation arrangement .....	14	9 823	2 445	539	76	.8	14.8
488510	Freight transportation arrangement .....	14	9 823	2 445	539	76	.8	14.8
492	Couriers & messengers .....	3	D	D	D	a	D	D
493	Warehousing & storage .....	9	19 130	3 594	848	157	2.2	2.6
<b>CLARKSVILLE—HOPKINSVILLE, TN—KY MSA</b>								
<b>48-49</b>	<b>Transportation &amp; warehousing %% **</b> .....	<b>89</b>	<b>47 304</b>	<b>15 798</b>	<b>3 709</b>	<b>666</b>	<b>25.5</b>	<b>12.8</b>
484	Truck transportation .....	66	37 051	11 415	2 480	451	30.1	9.0
4841	General freight trucking .....	24	12 654	3 684	786	109	16.1	5.1
48412	General freight trucking, long-distance .....	18	10 548	3 018	652	87	18.9	5.1
484121	General freight trucking, long-distance, truckload .....	16	D	D	D	b	D	D
4842	Specialized freight trucking .....	42	24 397	7 731	1 694	342	37.4	11.1
48421	Used household & office goods moving .....	12	11 691	4 744	1 026	222	35.0	21.1
484210	Used household & office goods moving .....	12	11 691	4 744	1 026	222	35.0	21.1
48422	Specialized freight (except used goods) trucking, local .....	22	8 066	1 715	380	72	44.5	3.0
484220	Specialized freight (except used goods) trucking, local .....	22	8 066	1 715	380	72	44.5	3.0
4842203	Dump trucking .....	16	D	D	D	b	D	D
485	Transit & ground passenger transportation .....	8	2 190	860	197	84	26.3	14.1
486	Pipeline transportation .....	1	D	D	D	a	D	D
488	Support activities for transportation .....	9	4 969	2 493	784	97	4.6	7.9
492	Couriers & messengers .....	4	D	D	D	b	D	D
493	Warehousing & storage .....	1	D	D	D	a	D	D

See footnotes at end of table.



**Table 2. Summary Statistics for Metropolitan Areas: 1997—Con.**

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For definitions of metropolitan areas (CMSAs, MSAs, and PMSAs), see Appendix E]

NAICS code	Geographic area and kind of business	Establishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
							From administrative records <sup>1</sup>	Estimated <sup>2</sup>
<b>EVANSVILLE—HENDERSON, IN—KY MSA</b>								
<b>48-49</b>	<b>Transportation &amp; warehousing %% **</b>	<b>234</b>	<b>695 917</b>	<b>103 360</b>	<b>24 536</b>	<b>4 032</b>	<b>3.8</b>	<b>5.8</b>
481	Air transportation %%	3	D	D	D	b	D	D
483	Water transportation	2	D	D	D	b	D	D
484	Truck transportation	138	573 734	69 668	16 343	2 513	4.1	4.0
4841	General freight trucking	83	138 815	39 283	8 986	1 412	10.4	15.0
48411	General freight trucking, local	27	22 795	9 211	2 037	424	38.4	12.4
484110	General freight trucking, local	27	22 795	9 211	2 037	424	38.4	12.4
4841101	General freight trucking without storage, local, truckload	14	10 949	3 936	765	158	42.1	.1
4841102	General freight trucking w/o storage, local, less than truckload	13	11 846	5 275	1 272	266	35.0	23.7
48412	General freight trucking, long-distance	56	116 020	30 072	6 949	988	4.9	15.5
484121	General freight trucking, long-distance, truckload	39	69 051	15 323	3 405	539	7.9	22.1
484122	General freight trucking, long-distance, less than truckload	17	46 969	14 749	3 544	449	.4	5.9
4842	Specialized freight trucking	55	434 919	30 385	7 357	1 101	2.0	.4
48422	Specialized freight (except used goods) trucking, local	36	D	D	D	f	D	D
484220	Specialized freight (except used goods) trucking, local	36	D	D	D	f	D	D
4842203	Dump trucking	23	61 475	9 270	2 172	359	3.8	2.8
485	Transit & ground passenger transportation	26	4 544	1 355	343	182	9.6	2.7
4854	School & employee bus transportation	17	1 322	331	87	64	28.4	3.4
48541	School & employee bus transportation	17	1 322	331	87	64	28.4	3.4
485410	School & employee bus transportation	17	1 322	331	87	64	28.4	3.4
4854101	School bus service	17	1 322	331	87	64	28.4	3.4
486	Pipeline transportation	3	D	D	D	a	D	D
488	Support activities for transportation	34	45 249	9 989	2 403	422	3.9	15.2
492	Couriers & messengers	10	D	D	D	c	D	D
493	Warehousing & storage	18	D	D	D	f	D	D
4931	Warehousing & storage	18	D	D	D	f	D	D
49311	General warehousing & storage	16	41 105	15 526	3 854	639	—	8.0
493110	General warehousing & storage	16	41 105	15 526	3 854	639	—	8.0
4931101	General warehousing & storage (except in foreign trade zones)	16	41 105	15 526	3 854	639	—	8.0
<b>HUNTINGTON—ASHLAND, WV—KY—OH MSA</b>								
<b>48-49</b>	<b>Transportation &amp; warehousing %% **</b>	<b>202</b>	<b>231 466</b>	<b>64 315</b>	<b>14 902</b>	<b>2 309</b>	<b>11.8</b>	<b>6.0</b>
481	Air transportation %%	5	D	D	D	b	D	D
483	Water transportation	3	D	D	D	c	D	D
484	Truck transportation	133	135 693	31 687	7 034	1 091	18.1	3.2
4841	General freight trucking	37	39 059	9 109	1 975	326	20.8	1.6
48411	General freight trucking, local	11	2 549	852	194	43	36.7	16.3
484110	General freight trucking, local	11	2 549	852	194	43	36.7	16.3
48412	General freight trucking, long-distance	26	36 510	8 257	1 781	283	19.7	.6
484121	General freight trucking, long-distance, truckload	22	27 750	5 693	1 215	211	25.9	.7
4842	Specialized freight trucking	96	96 634	22 578	5 059	765	17.0	3.8
48422	Specialized freight (except used goods) trucking, local	69	52 940	11 581	2 419	434	19.9	3.0
484220	Specialized freight (except used goods) trucking, local	69	52 940	11 581	2 419	434	19.9	3.0
4842203	Dump trucking	40	35 989	7 473	1 499	273	16.2	4.2
4842204	Specialized trucking without storage, local	16	7 347	1 387	327	76	26.7	.9
48423	Specialized freight (except used goods) trucking, long-distance	24	40 889	9 923	2 411	299	13.3	5.1
484230	Specialized freight (except used goods) trucking, long-distance	24	40 889	9 923	2 411	299	13.3	5.1
4842301	Hazardous materials trucking (except waste), long-distance	13	D	D	D	c	D	D
485	Transit & ground passenger transportation	6	D	D	D	b	D	D
486	Pipeline transportation	9	D	D	D	c	D	D
488	Support activities for transportation	33	47 289	16 634	4 124	650	2.7	10.4
4883	Support activities for water transportation	17	40 372	14 108	3 478	485	.9	12.0
492	Couriers & messengers	8	6 789	2 589	666	140	5.7	14.4
493	Warehousing & storage	5	4 979	1 603	386	80	—	11.1

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan Areas: 1997—Con.**

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NAICS code	Geographic area and kind of business	Establishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
							From administrative records <sup>1</sup>	Estimated <sup>2</sup>
<b>LEXINGTON, KY MSA</b>								
<b>48-49</b>	<b>Transportation &amp; warehousing %% **</b>	<b>246</b>	<b>326 214</b>	<b>103 270</b>	<b>23 256</b>	<b>3 779</b>	<b>10.6</b>	<b>3.9</b>
481	Air transportation %%	8	D	D	D	c	D	D
483	Water transportation	1	D	D	D	a	D	D
484	Truck transportation	158	217 888	77 716	17 084	2 587	14.2	4.6
4841	General freight trucking	83	139 027	50 779	11 851	1 610	7.6	2.5
48411	General freight trucking, local	26	16 896	6 784	1 513	297	21.2	19.0
484110	General freight trucking, local	26	16 896	6 784	1 513	297	21.2	19.0
4841101	General freight trucking without storage, local, truckload	17	D	D	D	b	D	D
48412	General freight trucking, long-distance	57	122 131	43 995	10 338	1 313	5.7	.2
484121	General freight trucking, long-distance, truckload	40	50 665	14 350	3 362	511	13.4	.6
484122	General freight trucking, long-distance, less than truckload	17	71 466	29 645	6 976	802	.3	—
4842	Specialized freight trucking	75	78 861	26 937	5 233	977	25.7	8.2
48421	Used household & office goods moving	15	13 245	4 092	903	253	28.6	8.9
484210	Used household & office goods moving	15	13 245	4 092	903	253	28.6	8.9
48422	Specialized freight (except used goods) trucking, local	44	40 469	14 279	2 449	506	38.3	11.2
484220	Specialized freight (except used goods) trucking, local	44	40 469	14 279	2 449	506	38.3	11.2
4842203	Dump trucking	22	25 107	8 470	1 255	310	49.2	16.4
48423	Specialized freight (except used goods) trucking, long-distance	16	25 147	8 566	1 881	218	3.8	2.9
484230	Specialized freight (except used goods) trucking, long-distance	16	25 147	8 566	1 881	218	3.8	2.9
485	Transit & ground passenger transportation	15	D	D	D	c	D	D
486	Pipeline transportation	1	D	D	D	b	D	D
487	Scenic & sightseeing transportation	2	D	D	D	a	D	D
488	Support activities for transportation	26	D	D	D	c	D	D
4885	Freight transportation arrangement	14	4 741	1 237	276	66	6.1	18.7
48851	Freight transportation arrangement	14	4 741	1 237	276	66	6.1	18.7
488510	Freight transportation arrangement	14	4 741	1 237	276	66	6.1	18.7
492	Couriers & messengers	22	D	D	D	e	D	D
4921	Couriers	11	D	D	D	e	D	D
49211	Couriers	11	D	D	D	e	D	D
492110	Couriers	11	D	D	D	e	D	D
4922	Local messengers & local delivery	11	D	D	D	b	D	D
49221	Local messengers & local delivery	11	D	D	D	b	D	D
492210	Local messengers & local delivery	11	D	D	D	b	D	D
493	Warehousing & storage	13	D	D	D	e	D	D
4931	Warehousing & storage	13	D	D	D	e	D	D
49311	General warehousing & storage	11	19 183	6 770	1 624	234	.5	—
493110	General warehousing & storage	11	19 183	6 770	1 624	234	.5	—
4931101	General warehousing & storage (except in foreign trade zones)	11	19 183	6 770	1 624	234	.5	—
<b>LOUISVILLE, KY—IN MSA</b>								
<b>48-49</b>	<b>Transportation &amp; warehousing %% **</b>	<b>667</b>	<b>3 604 023</b>	<b>797 597</b>	<b>220 926</b>	<b>24 717</b>	<b>2.6</b>	<b>1.2</b>
481	Air transportation %%	15	D	D	D	i	D	D
483	Water transportation	8	D	D	D	g	D	D
484	Truck transportation	410	879 354	215 242	48 237	6 986	7.6	3.4
4841	General freight trucking	200	617 691	146 127	33 275	4 680	5.3	2.5
48411	General freight trucking, local	56	45 580	14 040	2 755	585	18.4	11.1
484110	General freight trucking, local	56	45 580	14 040	2 755	585	18.4	11.1
4841101	General freight trucking without storage, local, truckload	38	28 545	7 167	1 486	314	19.8	10.3
4841102	General freight trucking w/o storage, local, less than truckload	16	D	D	D	c	D	D
48412	General freight trucking, long-distance	144	572 111	132 087	30 520	4 095	4.2	1.8
484121	General freight trucking, long-distance, truckload	118	367 439	70 278	16 433	2 475	6.5	2.8
484122	General freight trucking, long-distance, less than truckload	26	204 672	61 809	14 087	1 620	.2	—
4842	Specialized freight trucking	210	261 663	69 115	14 962	2 306	13.1	5.5
48421	Used household & office goods moving	36	50 116	12 177	2 858	552	7.5	11.2
484210	Used household & office goods moving	36	50 116	12 177	2 858	552	7.5	11.2
4842101	Used household & office goods moving, local, without storage	11	4 836	1 595	382	110	19.3	4.5
4842102	Used household & office goods moving, long-distance	15	38 301	8 337	1 995	322	2.7	14.0
48422	Specialized freight (except used goods) trucking, local	116	83 576	22 258	4 137	831	24.0	4.7
484220	Specialized freight (except used goods) trucking, local	116	83 576	22 258	4 137	831	24.0	4.7
4842202	Agricultural products trucking without storage, local	12	D	D	D	a	D	D
4842203	Dump trucking	59	47 894	12 583	2 005	438	15.7	4.7
4842204	Specialized trucking without storage, local	32	22 184	7 172	1 568	277	29.6	5.5
48423	Specialized freight (except used goods) trucking, long-distance	58	127 971	34 680	7 967	923	8.2	3.9
484230	Specialized freight (except used goods) trucking, long-distance	58	127 971	34 680	7 967	923	8.2	3.9
4842301	Hazardous materials trucking (except waste), long-distance	15	14 411	4 577	1 000	133	3.5	2.7
4842303	Other specialized trucking, long-distance	37	112 249	29 713	6 885	776	8.3	3.5
485	Transit & ground passenger transportation	39	D	D	D	g	D	D
4853	Taxi & limousine service	13	10 484	5 935	1 347	412	.9	2.2
4854	School & employee bus transportation	12	9 326	2 592	727	177	6.3	.3
48541	School & employee bus transportation	12	9 326	2 592	727	177	6.3	.3
485410	School & employee bus transportation	12	9 326	2 592	727	177	6.3	.3
4854101	School bus service	12	9 326	2 592	727	177	6.3	.3

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan Areas: 1997—Con.**

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NAICS code	Geographic area and kind of business	Establishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
							From administrative records <sup>1</sup>	Estimated <sup>2</sup>
<b>LOUISVILLE, KY—IN MSA—Con.</b>								
<b>48-49</b>	<b>Transportation &amp; warehousing %* **—Con.</b>							
486	Pipeline transportation .....	4	D	D	D	b	D	D
487	Scenic & sightseeing transportation .....	4	D	D	D	a	D	D
488	Support activities for transportation .....	98	113 494	38 538	9 383	1 729	17.2	4.6
4881	Support activities for air transportation .....	12	D	D	D	c	D	D
4882	Support activities for rail transportation .....	11	21 156	10 290	2 299	401	18.8	7.1
48821	Support activities for rail transportation .....	11	21 156	10 290	2 299	401	18.8	7.1
488210	Support activities for rail transportation .....	11	21 156	10 290	2 299	401	18.8	7.1
4882101	Support activities incidental to rail transportation .....	11	21 156	10 290	2 299	401	18.8	7.1
4884	Support activities for road transportation .....	23	D	D	D	c	D	D
48841	Motor vehicle towing .....	21	7 278	2 607	781	159	49.3	31.5
488410	Motor vehicle towing .....	21	7 278	2 607	781	159	49.3	31.5
4885	Freight transportation arrangement .....	41	46 150	17 126	4 225	670	2.3	1.9
48851	Freight transportation arrangement .....	41	46 150	17 126	4 225	670	2.3	1.9
488510	Freight transportation arrangement .....	41	46 150	17 126	4 225	670	2.3	1.9
4885102	Arrangement of transportation of freight & cargo .....	33	40 868	15 590	3 965	637	2.5	.8
492	Couriers & messengers .....	45	D	D	D	i	D	D
4921	Couriers .....	18	D	D	D	h	D	D
49211	Couriers .....	18	D	D	D	h	D	D
492110	Couriers .....	18	D	D	D	h	D	D
4922	Local messengers & local delivery .....	27	D	D	D	f	D	D
49221	Local messengers & local delivery .....	27	D	D	D	f	D	D
492210	Local messengers & local delivery .....	27	D	D	D	f	D	D
493	Warehousing & storage .....	44	92 886	26 636	5 955	919	.5	.7
4931	Warehousing & storage .....	44	92 886	26 636	5 955	919	.5	.7
49311	General warehousing & storage .....	30	69 894	18 434	3 985	599	.6	—
493110	General warehousing & storage .....	30	69 894	18 434	3 985	599	.6	—
4931101	General warehousing & storage (except in foreign trade zones) .....	30	69 894	18 434	3 985	599	.6	—
<b>OWENSBORO, KY MSA</b>								
<b>48-49</b>	<b>Transportation &amp; warehousing %* ** .....</b>	<b>64</b>	<b>190 197</b>	<b>39 511</b>	<b>10 573</b>	<b>1 069</b>	<b>4.1</b>	<b>.8</b>
481	Air transportation %* .....	1	D	D	D	b	D	D
484	Truck transportation .....	40	41 706	10 133	2 245	388	16.3	3.6
4841	General freight trucking .....	19	28 446	7 234	1 582	259	8.4	1.7
48412	General freight trucking, long-distance .....	13	26 878	6 824	1 508	242	4.9	—
484121	General freight trucking, long-distance, truckload .....	11	D	D	D	c	D	D
4842	Specialized freight trucking .....	21	13 260	2 899	663	129	33.3	7.6
48423	Specialized freight (except used goods) trucking, long-distance .....	11	9 533	1 691	371	66	21.1	8.8
484230	Specialized freight (except used goods) trucking, long-distance .....	11	9 533	1 691	371	66	21.1	8.8
485	Transit & ground passenger transportation .....	1	D	D	D	a	D	D
486	Pipeline transportation .....	3	D	D	D	e	D	D
488	Support activities for transportation .....	12	D	D	D	b	D	D
492	Couriers & messengers .....	4	D	D	D	b	D	D
493	Warehousing & storage .....	3	D	D	D	b	D	D
<b>AREA OUTSIDE KENTUCKY METROPOLITAN AREAS</b>								
<b>48-49</b>	<b>Transportation &amp; warehousing %* ** .....</b>	<b>1 736</b>	<b>1 861 331</b>	<b>386 606</b>	<b>87 095</b>	<b>15 151</b>	<b>17.6</b>	<b>4.2</b>
481	Air transportation %* .....	6	D	D	D	b	D	D
483	Water transportation .....	19	D	D	D	g	D	D
4832	Inland water transportation .....	15	343 947	75 092	17 526	2 188	—	.1
48321	Inland water transportation .....	15	343 947	75 092	17 526	2 188	—	.1
483211	Inland water freight transportation .....	13	D	D	D	g	D	D

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NAICS code	Geographic area and kind of business	Establishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
							From administrative records <sup>1</sup>	Estimated <sup>2</sup>
<b>AREA OUTSIDE KENTUCKY METROPOLITAN AREAS—Con.</b>								
<b>48-49 Transportation &amp; warehousing %* **—Con.</b>								
484	Truck transportation .....	1 466	1 168 323	249 926	54 437	10 402	26.7	5.7
4841	General freight trucking .....	406	668 883	137 896	29 450	5 094	14.7	2.9
48411	General freight trucking, local .....	130	48 785	13 121	2 782	602	59.2	13.9
484110	General freight trucking, local .....	130	48 785	13 121	2 782	602	59.2	13.9
4841101	General freight trucking without storage, local, truckload .....	107	38 304	9 190	1 887	438	66.9	10.4
4841102	General freight trucking w/o storage, local, less than truckload .....	20	D	D	D	c	D	D
48412	General freight trucking, long-distance .....	276	620 098	124 775	26 668	4 492	11.2	2.1
484121	General freight trucking, long-distance, truckload .....	237	D	D	D	h	D	D
484122	General freight trucking, long-distance, less than truckload .....	39	D	D	D	f	D	D
4842	Specialized freight trucking .....	1 060	499 440	112 030	24 987	5 308	42.7	9.4
48421	Used household & office goods moving .....	36	17 939	3 717	815	200	18.4	13.9
484210	Used household & office goods moving .....	36	17 939	3 717	815	200	18.4	13.9
4842101	Used household & office goods moving, local, without storage .....	14	3 215	648	148	68	35.6	51.5
4842102	Used household & office goods moving, long-distance .....	13	9 704	1 951	494	83	15.6	1.9
48422	Specialized freight (except used goods) trucking, local .....	869	375 728	82 640	18 558	4 126	47.9	10.1
484220	Specialized freight (except used goods) trucking, local .....	869	375 728	82 640	18 558	4 126	47.9	10.1
4842201	Hazardous materials trucking (except waste), local .....	22	D	D	D	b	D	D
4842202	Agricultural products trucking without storage, local .....	71	20 970	4 143	1 038	241	64.6	6.3
4842203	Dump trucking .....	624	277 178	59 765	13 486	2 969	50.5	10.0
4842204	Specialized trucking without storage, local .....	148	69 122	16 924	3 682	833	35.0	10.5
48423	Specialized freight (except used goods) trucking, long-distance .....	155	105 773	25 673	5 614	982	28.3	5.9
484230	Specialized freight (except used goods) trucking, long-distance .....	155	105 773	25 673	5 614	982	28.3	5.9
4842301	Hazardous materials trucking (except waste), long-distance .....	24	13 498	3 739	1 024	144	25.7	3.8
4842302	Agricultural products trucking, long-distance .....	40	27 538	3 197	680	150	31.4	2.1
4842303	Other specialized trucking, long-distance .....	91	64 737	18 737	3 910	688	27.6	8.0
485	Transit & ground passenger transportation .....	61	D	D	D	f	D	D
4853	Taxi & limousine service .....	34	D	D	D	c	D	D
48531	Taxi service .....	29	5 725	2 199	516	197	13.5	8.7
485310	Taxi service .....	29	5 725	2 199	516	197	13.5	8.7
4859	Other transit & ground passenger transportation .....	17	6 749	3 514	748	214	22.0	13.9
48599	Other transit & ground passenger transportation .....	17	6 749	3 514	748	214	22.0	13.9
485991	Special needs transportation .....	14	D	D	D	c	D	D
486	Pipeline transportation .....	22	D	D	D	f	D	D
4862	Pipeline transportation of natural gas .....	20	149 390	25 956	6 674	579	—	—
48621	Pipeline transportation of natural gas .....	20	149 390	25 956	6 674	579	—	—
486210	Pipeline transportation of natural gas .....	20	149 390	25 956	6 674	579	—	—
4862101	Natural gas transmission .....	18	D	D	D	f	D	D
487	Scenic & sightseeing transportation .....	6	D	D	D	a	D	D
488	Support activities for transportation .....	86	D	D	D	f	D	D
4881	Support activities for air transportation .....	17	6 884	1 651	418	85	50.7	21.1
4883	Support activities for water transportation .....	12	D	D	D	c	D	D
4884	Support activities for road transportation .....	26	D	D	D	c	D	D
48841	Motor vehicle towing .....	22	7 475	1 240	297	91	22.1	.5
488410	Motor vehicle towing .....	22	7 475	1 240	297	91	22.1	.5
4885	Freight transportation arrangement .....	25	D	D	D	b	D	D
48851	Freight transportation arrangement .....	25	D	D	D	b	D	D
488510	Freight transportation arrangement .....	25	D	D	D	b	D	D
4885102	Arrangement of transportation of freight & cargo .....	22	D	D	D	b	D	D
492	Couriers & messengers .....	33	D	D	D	e	D	D
4921	Couriers .....	17	D	D	D	c	D	D
49211	Couriers .....	17	D	D	D	c	D	D
492110	Couriers .....	17	D	D	D	c	D	D
4922	Local messengers & local delivery .....	16	D	D	D	b	D	D
49221	Local messengers & local delivery .....	16	D	D	D	b	D	D
492210	Local messengers & local delivery .....	16	D	D	D	b	D	D
493	Warehousing & storage .....	37	D	D	D	e	D	D
4931	Warehousing & storage .....	37	D	D	D	e	D	D
49311	General warehousing & storage .....	18	D	D	D	c	D	D
493110	General warehousing & storage .....	18	D	D	D	c	D	D
4931101	General warehousing & storage (except in foreign trade zones) .....	18	D	D	D	c	D	D
49313	Farm product warehousing & storage .....	11	D	D	D	c	D	D
493130	Farm product warehousing & storage .....	11	D	D	D	c	D	D

%\* Data do not include large certificated passenger carriers that report to the Office of Airline Statistics, U.S. Department of Transportation.  
 \*\* Railroad transportation and U.S. Postal Service are out of scope for the 1997 Economic Census.

<sup>1</sup>Includes revenue information obtained from administrative records of other Federal agencies.

<sup>2</sup>Includes revenue information which was imputed based on historic company ratios or administrative records, or on industry averages.

# Appendix A.

## Explanation of Terms

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### **ANNUAL PAYROLL**

Payroll includes all forms of compensation such as salaries, wages, commissions, dismissal pay, bonuses, vacation allowances, sick-leave pay, and employee contributions to qualified pension plans paid during the year to all employees. For corporations, payroll includes amounts paid to officers and executives; for unincorporated businesses, it does not include profit or other compensation of proprietors or partners. Payroll is reported before deductions for social security, income tax insurance, union dues, etc. This definition of payroll is the same as that used by the Internal Revenue Service (IRS) on form 941.

### **FIRST-QUARTER PAYROLL (\$1,000)**

Represents payroll paid to persons employed at any time during the quarter January to March 1997.

### **NUMBER OF EMPLOYEES**

Paid employees consist of the full-time and part-time employees, including salaried officers and executives of corporations. Included are employees on paid sick leave, paid holidays, and paid vacations; not included are proprietors and partners of unincorporated businesses. The definition of paid employees is the same as that is used on IRS form 941.

Includes all employees who were on the payroll during the pay period including March 12.

### **NUMBER OF ESTABLISHMENTS**

An establishment is a single physical location at which business is conducted. It is not necessarily identical with a company or enterprise, which may consist of one establishment or more. Economic census figures represent a summary of reports for individual establishments rather than companies. For cases where a census report was received, separate information was obtained for each location where business was conducted. When administrative

records of other Federal agencies were used instead of a census report, no information was available on the number of locations operated. Each economic census establishment was tabulated according to the physical location at which the business was conducted. The count of establishments represents those in business at any time during 1997.

When two or more activities were carried on at a single location under a single ownership, all activities generally were grouped together as a single establishment. The entire establishment was classified on the basis of its major activity and all data for it were included in that classification. However, when distinct and separate economic activities (for which different industry classification codes were appropriate) were conducted at a single location under a single ownership, separate establishments reports for each of the different activities were obtained in the census.

### **REVENUE**

Includes revenue from all business activities whether or not payment was received in the census year. Revenue does not include sales and other taxes collected from customers and remitted directly by the firm to a local, state, or Federal tax agency.

### **SALES, RECEIPTS, OR REVENUE ESTIMATED (PERCENT)**

Percent of total sales/receipts/revenue that was imputed based on historic company ratios or administrative records, or on industry averages.

### **SALES, RECEIPTS, OR REVENUE FROM ADMINISTRATIVE RECORDS (PERCENT)**

Percent of total sales/receipts/revenue obtained from administrative records of other Federal agencies.

# Appendix B.

## NAICS Codes, Titles, and Descriptions

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### **48-49 TRANSPORTATION AND WAREHOUSING**

The Transportation and Warehousing sector includes industries providing transportation of passengers and cargo, warehousing and storage for goods, scenic and sightseeing transportation, and support activities related to modes of transportation. Establishments in these industries use transportation equipment or transportation related facilities as a productive asset. The type of equipment depends on the mode of transportation. The modes of transportation are air, rail, water, road, and pipeline.

The Transportation and Warehousing sector distinguishes three basic types of activities: subsectors for each mode of transportation, a subsector for warehousing and storage, and a subsector for establishments providing support activities for transportation. In addition, there are subsectors for establishments that provide passenger transportation for scenic and sightseeing purposes, postal services, and courier services.

A separate subsector for support activities is established in the sector because, first, support activities for transportation are inherently multimodal, such as freight transportation arrangement, or have multimodal aspects. Secondly, there are production process similarities among the support activity industries.

One of the support activities identified in the support activity subsector is the routine repair and maintenance of transportation equipment (e.g., aircraft at an airport, railroad rolling stock at a railroad terminal, or ships at a harbor or port facility). Such establishments do not perform complete overhauling or rebuilding of transportation equipment (i.e., periodic restoration of transportation equipment to original design specifications) or transportation equipment conversion (i.e., major modification to systems). An establishment that primarily performs factory (or shipyard) overhauls, rebuilding, or conversions of aircraft, railroad rolling stock, or a ship is classified in Subsector 336, Transportation Equipment Manufacturing according to the type of equipment.

Many of the establishments in this sector often operate on networks, with physical facilities, labor forces, and equipment spread over an extensive geographic area.

Warehousing establishments in this sector are distinguished from merchant wholesaling in that the warehouse establishments do not sell the goods.

Excluded from this sector are establishments primarily engaged in providing travel agent services that support transportation and other establishments, such as hotels,

businesses, and government agencies. These establishments are classified in Sector 56, Administrative and Support, Waste Management, and Remediation Services. Also, establishments primarily engaged in providing rental and leasing of transportation equipment without operator are classified in Subsector 532, Rental and Leasing Services.

### **481 Air Transportation**

Industries in the Air Transportation subsector provide air transportation of passengers and/or cargo using aircraft, such as airplanes and helicopters. The subsector distinguishes scheduled from nonscheduled air transportation. Scheduled air carriers fly regular routes on regular schedules and operate even if flights are only partially loaded. Nonscheduled carriers often operate during non-peak time slots at busy airports. These establishments have more flexibility with respect to choice of airport, hours of operation, load factors, and similar operational characteristics. Nonscheduled carriers provide chartered air transportation of passengers, cargo, or specialty flying services. Specialty flying services establishments use general purpose aircraft to provide a variety of specialized flying services.

Scenic and sightseeing air transportation and air courier services are not included in this subsector but are included in Subsector 487, Scenic and Sightseeing Transportation and in Subsector 492, Couriers and Messengers. Although these activities may use aircraft, they are different from the activities included in air transportation. Air sightseeing does not usually involve place-to-place transportation; the passenger's flight (e.g., balloon ride, aerial sightseeing) typically starts and ends at the same location. Courier services (individual package or cargo delivery) includes more than air transportation; road transportation is usually required to deliver the cargo to the intended recipient.

### **4811 Scheduled Air Transportation**

This industry group comprises establishments primarily engaged in providing air transportation of passengers and/or cargo over regular routes and on regular schedules. Establishments in this industry operate flights even if partially loaded. Establishments primarily engaged in providing scheduled air transportation of mail on a contract basis are included in this industry.

### **48111 Scheduled Air Transportation**

This industry comprises establishments primarily engaged in providing air transportation of passengers

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and/or cargo over regular routes and on regular schedules. Establishments in this industry operate flights even if partially loaded. Establishments primarily engaged in providing scheduled air transportation of mail on a contract basis are included in this industry.

#### **481111 Scheduled Passenger Air Transportation**

This U.S. industry comprises establishments primarily engaged in providing air transportation of passengers or passengers and freight over regular routes and on regular schedules. Establishments in this industry operate flights even if partially loaded. Scheduled air passenger carriers including commuter and helicopter carriers (except scenic and sightseeing) are included in this industry.

NAICS code 481111 are comprised of this part of the following SIC industry:

4512 (pt) Scheduled passenger carrier air transportation

#### **481112 Scheduled Freight Air Transportation**

This U.S. industry comprises establishments primarily engaged in providing air transportation of cargo without transporting passengers over regular routes and on regular schedules. Establishments in this industry operate flights even if partially loaded. Establishments primarily engaged in providing scheduled air transportation of mail on a contract basis are included in this industry.

The data published with NAICS code 481112 is comprised of this part of the following SIC industry:

4512 (pt) Scheduled freight carrier air transportation

#### **4812 Nonscheduled Air Transportation**

This industry group comprises establishments primarily engaged in (1) providing air transportation of passengers and/or cargo with no regular routes and regular schedules or (2) providing specialty flying services with no regular routes and regular schedules using general purpose aircraft. These establishments have more flexibility with respect to choice of airports, hours of operation, load factors, and similar operational characteristics.

#### **48121 Nonscheduled Air Transportation**

This industry comprises establishments primarily engaged in (1) providing air transportation of passengers and/or cargo with no regular routes and regular schedules or (2) providing specialty flying services with no regular routes and regular schedules using general purpose aircraft. These establishments have more flexibility with respect to choice of airports, hours of operation, load factors, and similar operational characteristics.

#### **481211 Nonscheduled Chartered Passenger Air Transportation**

This U.S. industry comprises establishments primarily engaged in providing air transportation of passengers or passengers and cargo with no regular routes and regular schedules.

The data published with NAICS code 481211 are comprised of this part of the following SIC industry:

4522 (pt) Nonscheduled charter passenger air transportation

#### **481212 Nonscheduled Chartered Freight Air Transportation**

This U.S. industry comprises establishments primarily engaged in providing air transportation of cargo without transporting passengers with no regular routes and regular schedules.

The data published with NAICS code 481212 are comprised of this part of the following SIC industry:

4522 (pt) Nonscheduled charter freight air transportation

#### **481219 Other Nonscheduled Air Transportation**

This U.S. industry comprises establishments primarily engaged in providing air transportation with no regular routes and regular schedules (except nonscheduled chartered passenger and/or cargo air transportation). These establishments provide a variety of specialty air transportation or flying services based on individual customer needs using general purpose aircraft.

The data published with NAICS code 481219 are comprised of this part of the following SIC industry:

4522 (pt) Variety of specialized flying services

#### **482 Rail Transportation**

Industries in the Rail Transportation subsector provide rail transportation of passengers and/or cargo using railroad rolling stock. The railroads in this subsector primarily either operate on networks, with physical facilities, labor force, and equipment spread over an extensive geographic area, or operate over a short distance on a local rail line.

Scenic and sightseeing rail transportation and street railroads, commuter rail, and rapid transit are not included in this subsector but are included in Subsector 487, Scenic and Sightseeing Transportation, and Subsector 485, Transit and Ground Passenger Transportation, respectively. Although these activities use railroad rolling stock, they are different from the activities included in rail transportation. Sightseeing and scenic railroads do not usually involve place-to-place transportation; the passenger's trip typically starts and ends at the same location. Commuter railroads operate in a manner more consistent with local and urban transit and are often part of integrated transit systems.

#### **4821 Rail Transportation**

This industry group comprises establishments primarily engaged in operating railroads (except street railroads, commuter rail, urban rapid transit, and scenic and sightseeing trains). Line-haul railroads and short line railroads are included in this industry.

## **48211 Rail Transportation**

This industry comprises establishments primarily engaged in operating railroads (except street railroads, commuter rail, urban rapid transit, and scenic and sightseeing trains). Line-haul railroads and short line railroads are included in this industry.

### **482111 Line-Haul Railroads**

This U.S. industry comprises establishments known as line-haul railroads primarily engaged in operating railroads for the transport of passengers and/or cargo over a long-distance within a rail network. These establishments provide for the intercity movement of trains between the terminals and stations on main and branch lines of a line-haul rail network (except for local switching services).

NAICS code 482111 are comprised of this part of the following SIC industry:

4011 Railroads (line-hauling operating)

### **482112 Shortline Railroads**

This U.S. industry comprises establishments known as shortline railroads primarily engaged in operating railroads for the transport of cargo over a short distance on local rail lines not part of a rail network.

NAICS code 482112 are comprised of this part of the following SIC industry:

4013 (pt) Beltline and logging railroads

## **483 Water Transportation**

Industries in the Water Transportation subsector provide water transportation of passengers and cargo using watercraft, such as ships, barges, and boats.

The subsector is composed of two industry groups: (1) one for deep sea, coastal, and Great Lakes; and (2) one for inland water transportation. This split typically reflects the difference in equipment used.

Scenic and sightseeing water transportation services are not included in this subsector but are included in Subsector 487, Scenic and Sightseeing Transportation. Although these activities use watercraft, they are different from the activities included in water transportation. Water sightseeing does not usually involve place-to-place transportation; the passenger's trip starts and ends at the same location.

## **4831 Deep Sea, Coastal, and Great Lakes Water Transportation**

This industry group comprises establishments primarily engaged in providing deep sea, coastal, Great Lakes, and St. Lawrence Seaway water transportation. Marine transportation establishments using the facilities of the St. Lawrence Seaway Authority Commission are considered to be using the Great Lakes Water Transportation System.

## **48311 Deep Sea, Coastal, and Great Lakes Water Transportation**

This industry comprises establishments primarily engaged in providing deep sea, coastal, Great Lakes, and St. Lawrence Seaway water transportation. Marine transportation establishments using the facilities of the St. Lawrence Seaway Authority Commission are considered to be using the Great Lakes Water Transportation System.

### **483111 Deep Sea Freight Transportation**

This U.S. industry comprises establishments primarily engaged in providing deep sea transportation of cargo to or from foreign ports.

The data published with NAICS code 483111 are comprised of this part of the following SIC industry:

4412 Deep sea freight transportation

### **483112 Deep Sea Passenger Transportation**

This U.S. industry comprises establishments primarily engaged in providing deep sea transportation of passengers to or from foreign ports.

The data published with NAICS code 483112 are comprised of this part of the following SIC industry:

4481 (pt) Deep sea passenger transportation, foreign (except by ferry)

### **483113 Coastal and Great Lakes Freight Transportation**

This U.S. industry comprises establishments primarily engaged in providing water transportation of cargo in coastal waters, on the Great Lakes System, or deep seas between ports of the United States, Puerto Rico, and United States island possessions or protectorates. Marine transportation establishments using the facilities of the St. Lawrence Seaway Authority Commission are considered to be using the Great Lakes Water Transportation System. Establishments primarily engaged in providing coastal and/or Great Lakes barge transportation services are included in this industry.

The data published with NAICS code 483113 are comprised of these parts of the following SIC industries:

4424 Deep sea domestic transportation of freight

4432 Great Lakes-St. Lawrence Seaway freight transportation

4492 (pt) Coastal or intercoastal towing service

### **4831131 Coastal and Intercoastal Freight Transportation**

Establishments primarily engaged in operating vessels, for transportation of freight on the deep seas between ports of the United States, Puerto Rico, and United States island possessions or protectorates.



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### **4831132 Great Lakes-St. Lawrence Seaway Freight Transportation**

Establishments primarily engaged in the transportation of freight on the Great Lakes and St. Lawrence Seaway, either between U.S. ports or between U.S. and Canadian ports.

### **4831133 Coastal and Intercoastal Towing Service**

Establishments primarily engaged in providing coastal or intercoastal towing services.

### **483114 Coastal and Great Lakes Passenger Transportation**

This U.S. industry comprises establishments primarily engaged in providing water transportation of passengers in coastal waters, the Great Lakes System, or deep seas between ports of the United States, Puerto Rico, and United States island possessions and protectorates. Marine transportation establishments using the facilities of the St. Lawrence Seaway Authority Commission are considered to be using the Great Lakes Water Transportation System.

The data published with NAICS code 483114 are comprised of these parts of the following SIC industries:

- 4481 (pt) Coastal or Great Lakes-St. Lawrence Seaway passenger transportation (except by ferry)
- 4482 (pt) Coastal or Great Lakes-St. Lawrence Seaway ferry transportation

### **4831141 Coastal and Great Lakes-St. Lawrence Seaway Passenger Transportation (Except By Ferries)**

Establishments primarily engaged in operating vessels (except ferries) for the transportation of passengers on the Great Lakes-St. Lawrence Seaway or on coastal waterways.

### **4831142 Coastal and Great Lakes-St. Lawrence Seaway Ferry Transportation**

Establishments primarily engaged in operating ferries on the Great Lakes-St. Lawrence Seaway, or on coastal waters for the transportation of passengers or vehicles.

### **4832 Inland Water Transportation**

This industry group comprises establishments primarily engaged in providing inland water transportation of passengers and/or cargo on lakes, rivers, or intracoastal waterways (except on the Great Lakes System).

### **48321 Inland Water Transportation**

This industry comprises establishments primarily engaged in providing inland water transportation of passengers and/or cargo on lakes, rivers, or intracoastal waterways (except on the Great Lakes System).

### **483211 Inland Water Freight Transportation**

This U.S. industry comprises establishments primarily engaged in providing inland water transportation of cargo on lakes, rivers, or intracoastal waterways (except on the Great Lakes System).

The data published with NAICS code 483211 are comprised of the following SIC industries:

- 4449 Inland waterways freight transportation
- 4492 (pt) Inland waterways towing service

### **4832111 Inland Waterways Freight Transportation (Except Towing)**

Establishments primarily engaged in transporting freight on all inland waterways (except the Great Lakes-St. Lawrence Seaway). Included are establishments engaged in transporting freight on the intracoastal waterways on the Atlantic and Gulf coasts.

### **4832112 Inland Waterways Towing Transportation**

Establishments primarily engaged in providing towing services on inland waterways.

### **483212 Inland Water Passenger Transportation**

This U.S. industry comprises establishments primarily engaged in providing inland water transportation of passengers on lakes, rivers, or intracoastal waterways (except on the Great Lakes System).

The data published with NAICS code 483212 are comprised of these parts of the following SIC industries:

- 4482 (pt) Inland waterways ferry transportation
- 4489 (pt) Other water passenger transportation (including water taxi)

### **4832121 Inland Waterways Ferry Transportation**

Establishments primarily engaged in operating ferries on inland waters for the transportation of passengers or vehicles.

### **4832122 Other Water Passenger Transportation (Including Water Taxi)**

Establishments primarily engaged in furnishing inland water transportation of passengers (except ferries and yachts on the Great Lakes-St. Lawrence Seaway).

### **484 Truck Transportation**

Industries in the Truck Transportation subsector provide over-the-road transportation of cargo using motor vehicles, such as trucks and tractor trailers. The subsector is subdivided into general freight trucking and specialized freight trucking. This distinction reflects differences in equipment used, type of load carried, scheduling, terminal, and other networking services. General freight transportation establishments handle a wide variety of general

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commodities, generally palletized, and transported in a container or van trailer. Specialized freight transportation is the transportation of cargo that, because of size, weight, shape, or other inherent characteristics require specialized equipment for transportation.

Each of these industry groups is further subdivided based on distance traveled. Local trucking establishments primarily carry goods within a single metropolitan area and its adjacent nonurban areas. Long distance trucking establishments carry goods between metropolitan areas.

The Specialized Freight Trucking industry group includes a separate industry for Used Household and Office Goods Moving. The household and office goods movers are separated because of the substantial network of establishments that has been developed to deal with local and long-distance moving and the associated storage. In this area, the same establishment provides both local and long-distance services, while other specialized freight establishments generally limit their services to either local or long-distance hauling.

#### **4841 General Freight Trucking**

This industry group comprises establishments primarily engaged in providing general freight trucking. General freight establishments handle a wide variety of commodities, generally palletized, and transported in a container or van trailer. The establishments of this industry group provide a combination of the following network activities: local pickup, local sorting and terminal operations, line-haul, destination sorting and terminal operations, and local delivery.

#### **48411 General Freight Trucking, Local**

This industry comprises establishments primarily engaged in providing local general freight trucking. General freight establishments handle a wide variety of commodities, generally palletized and transported in a container or van trailer. Local general freight trucking establishments usually provide trucking within a metropolitan area which may cross state lines. Generally the trips are same-day return.

#### **484110 General Freight Trucking, Local**

This U.S. industry comprises establishments primarily engaged in providing local general freight trucking. General freight establishments handle a wide variety of commodities, generally palletized and transported in a container or van trailer. Local general freight trucking establishments usually provide trucking within a metropolitan area which may cross state lines. Generally the trips are same-day return.

The data published with NAICS code 484110 are comprised of these parts of the following SIC industries:

4212 (pt) Local general freight trucking without storage, truckload

4214 (pt) Local general freight trucking with storage, truckload

#### **4841101 Local General Freight Trucking Without Storage, Truckload**

Establishments primarily engaged in furnishing truckload trucking or transfer of general merchandise without storage, within a city, town, or other local areas, including adjoining towns and suburban areas. Generally the trips are same-day return. General merchandise is defined as material or goods of many varieties that are packaged, generally palletized, and carried in a box, container, or van trailer and do not require refrigeration, controlled humidity, or other special handling. Truckload is defined as shipments with an actual weight of 10,000 pounds or more.

#### **4841102 Local General Freight Trucking Without Storage, Less Than Truckload**

Establishments primarily engaged in furnishing less-than-truckload trucking or transfer of general merchandise without storage, within a city, town, or other local areas, including adjoining towns and suburban areas. Generally the trips are same-day return. General merchandise is defined as material or goods of many varieties that are packaged, generally palletized, and carried in a box, container, or van trailer and do not require refrigeration, controlled humidity, or other special handling. Less-than-truckload is defined as shipments with an actual weight of less than 10,000 pounds.

#### **4841103 Local General Freight Trucking With Storage, Truckload**

Establishments primarily engaged in furnishing general freight truckload trucking and storage services within a city, town, or other local areas, including adjoining suburban areas. General merchandise is defined as material or goods of many varieties that are packaged generally palletized, and carried in a box, container, or van trailer and do not require refrigeration, controlled humidity, or other special handling. Truckload is defined as shipments with an actual weight of 10,000 pounds or more.

#### **4841104 Local General Freight Trucking With Storage, Less Than Truckload**

Establishments primarily engaged in furnishing general freight less-than-truckload trucking and storage services within a city, town, or other local area, including adjoining suburban areas. General merchandise is defined as material or goods of many varieties which are packaged, generally palletized, and carried in a box, container, or van trailer and do not require refrigeration, controlled humidity, or other special handling. Less-than-truckload is defined as shipments with an actual weight of less than 10,000 pounds.

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## **48412 General Freight Trucking, Long-Distance**

This industry comprises establishments primarily engaged in providing long-distance general freight trucking. General freight establishments handle a wide variety of commodities, generally palletized and transported in a container or van trailer. Long-distance general freight trucking establishments usually provide trucking between metropolitan areas which may cross North American country borders. Included in this industry are establishments operating as truckload (TL) or less than truckload (LTL) carriers.

### **484121 General Freight Trucking, Long-Distance, Truckload**

This U.S. industry comprises establishments primarily engaged in providing long-distance general freight truckload (TL) trucking. These long-distance general freight truckload carrier establishments provide full truck movement of freight from origin to destination. The shipment of freight on a truck is characterized as a full single load not combined with other shipments.

The data published with NAICS code 484121 are comprised of this part of the following SIC industry:

- 4213 (pt) General freight trucking (except local), truckload

### **484122 General Freight Trucking, Long-Distance, Less Than Truckload**

This U.S. industry comprises establishments primarily engaged in providing long-distance, general freight, less than truckload (LTL) trucking. LTL carriage is characterized as multiple shipments combined into a single truck for multiple deliveries within a network. These establishments are generally characterized by the following network activities: local pickup, local sorting and terminal operations, line-haul, destination sorting and terminal operations, and local delivery.

NAICS code 484122 is comprised of this part of the following SIC industry:

- 4213 (pt) Trucking, Except Local (general freight, less than truckload)

## **4842 SPECIALIZED FREIGHT TRUCKING**

This industry group comprises establishments primarily engaged in providing local or long-distance specialized freight trucking. The establishments of this industry are primarily engaged in the transportation of freight which, because of size, weight, shape, or other inherent characteristics, requires specialized equipment, such as flatbeds, tankers, or refrigerated trailers. This industry includes the transportation of used household, institutional, and commercial furniture and equipment.

## **48421 Used Household and Office Goods Moving**

This industry comprises establishments primarily engaged in providing local or long-distance trucking of used household, used institutional, or used commercial furniture and equipment. Incidental packing and storage activities are often provided by these establishments.

### **484210 Used Household and Office Goods Moving**

This U.S. industry comprises establishments primarily engaged in providing local or long-distance trucking of used household, used institutional, or used commercial furniture and equipment. Incidental packing and storage activities are often provided by these establishments.

The data published with NAICS code 484210 are comprised of these parts of the following SIC industries:

- 4212 (pt) Local household goods moving without storage
- 4213 (pt) Households goods moving (except local)
- 4214 (pt) Local households goods moving with storage

### **4842101 Local Used Household and Office Goods Moving, Without Storage**

Establishments primarily engaged in furnishing trucking or transfer of used household, institutional, and commercial furniture and equipment without storage, within a city, town, or other local area, including adjoining towns and suburban areas.

### **4842102 Long-Distance Used Household and Office Goods Moving**

Establishments primarily engaged in furnishing trucking of used household, institutional, and commercial furniture and equipment. Such trucking is generally beyond a single metropolitan area or adjacent metropolitan areas.

### **4842103 Local Used Household and Office Goods Moving, With Storage**

Establishments primarily engaged in furnishing trucking and storage of furniture and other household goods within a city, town, or other local area, including adjoining towns and suburban areas.

### **48422 Specialized Freight (Except Used Goods) Trucking, Local**

This industry comprises establishments primarily engaged in providing local, specialized trucking. Local trucking establishments provide trucking within a metropolitan area that may cross state lines. Generally the trips are same-day return.

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### **484220 Specialized Freight (Except Used Goods) Trucking, Local**

This U.S. industry comprises establishments primarily engaged in providing local, specialized trucking. Local trucking establishments provide trucking within a metropolitan area that may cross state lines. Generally the trips are same-day return.

The data published with NAICS code 484220 are comprised of these parts of the following SIC industries:

4212 (pt) Local specialized trucking without storage

4214 (pt) Local specialized trucking with storage

### **4842201 Local Hazardous Materials Trucking (Except Waste)**

Establishments primarily engaged in furnishing trucking or transfer of hazardous materials (except waste), including liquid petroleum products, within a city, town, or other local areas, including adjoining towns and suburban areas. Generally the trips are same-day return.

### **4842202 Local Agricultural Products Trucking Without Storage**

Establishments primarily engaged in furnishing trucking or transfer of agricultural products without storage, within a city, town, or other local areas, including adjoining towns and suburban areas, without the use of refrigeration or controlled humidity equipment. Generally the trips are same-day return.

### **4842203 Dump Trucking**

Establishments primarily engaged in furnishing dump trucking service of material, such as sand, gravel or dirt within a city, town, or other local areas, including adjoining towns and suburban areas.

### **4842204 Local Specialized Trucking Without Storage**

Establishments primarily engaged in furnishing specialized trucking service requiring special handling, such as refrigeration or controlled humidity, without storage within a city, town, or other local areas, including adjoining towns and suburban areas.

### **4842205 Local, Specialized Freight (Except Used Goods) Trucking**

This industry comprises establishments primarily engaged in providing local, specialized trucking using specialized equipment to control refrigeration and humidity. Local trucking establishments provide trucking within a metropolitan area that may cross state lines. Generally, the trips are same-day return.

### **48423 Specialized Freight (Except Used Goods) Trucking, Long-Distance**

This industry comprises establishments primarily engaged in providing long-distance specialized trucking. These establishments provide trucking between metropolitan areas that may cross North American country borders.

### **484230 Specialized Freight (Except Used Goods) Trucking, Long-Distance**

This U.S. industry comprises establishments primarily engaged in providing long-distance specialized trucking. These establishments provide trucking between metropolitan areas that may cross North American country borders.

The data published with NAICS code 484230 are comprised of this part of the following SIC industry:

4213 (pt) Hazardous, agricultural and other specialized products trucking (except local)

### **4842301 Hazardous Materials Trucking (Except Waste), Long-Distance**

Establishments primarily engaged in furnishing trucking and transfer of hazardous materials (except waste) including liquid petroleum products. Such trucking is generally beyond a single metropolitan area or adjacent metropolitan areas.

### **4842302 Agricultural Products Trucking, Long-Distance**

Establishments primarily engaged in furnishing trucking of agricultural products, without the use of refrigeration or controlled humidity equipment. Such trucking is generally beyond a single metropolitan area or adjacent metropolitan areas.

### **4842303 Other Specialized Trucking, Long-Distance**

Establishments primarily engaged in furnishing specialized trucking service requiring special handling, such as refrigeration or controlled humidity. Such trucking is generally beyond a single metropolitan area or adjacent metropolitan areas.

## **485 Transit and Ground Passenger Transportation**

Industries in the Transit and Ground Passenger Transportation subsector include a variety of passenger transportation activities, such as urban transit systems; chartered bus, school bus, and interurban bus transportation; and taxis. These activities are distinguished based primarily on such production process factors as vehicle types, routes, and schedules.

In this subsector, the principal splits identify scheduled transportation as separate from nonscheduled transportation. The scheduled transportation industry groups are

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Urban Transit Systems, Interurban and Rural Bus Transportation, and School and Employee Bus Transportation. The nonscheduled industry groups are the Charter Bus Industry and Taxi and Limousine Service. The Other Transit and Ground Passenger Transportation Industry group includes both scheduled and nonscheduled transportation.

Scenic and sightseeing ground transportation services are not included in this subsector but are included in Subsector 487, Scenic and Sightseeing Transportation. Sightseeing does not usually involve place-to-place transportation; the passenger's trip starts and ends at the same location.

### **4851 Urban Transit Systems**

This industry group comprises establishments primarily engaged in operating local and suburban passenger transit systems over regular routes and on regular schedules within a metropolitan area and its adjacent nonurban areas. Such transportation systems involve the use of one or more modes of transport including light rail, commuter rail, subways, streetcars, as well as buses and other motor vehicles.

#### **48511 Urban Transit Systems**

This industry comprises establishments primarily engaged in operating local and suburban passenger transit systems over regular routes and on regular schedules within a metropolitan area and its adjacent nonurban areas. Such transportation systems involve the use of one or more modes of transport including light rail, commuter rail, subways, streetcars, as well as buses and other motor vehicles.

#### **485111 Mixed Mode Transit Systems**

This U.S. industry comprises establishments primarily engaged in operating local and suburban ground passenger transit systems using more than one mode of transport over regular routes and on regular schedules within a metropolitan area and its adjacent nonurban areas.

The data published with NAICS code 485111 are comprised of this part of the following SIC industry:

4111 (pt) Mixed mode transit systems (including combination bus, subway, trolley, etc)

#### **485112 Commuter Rail Systems**

This U.S. industry comprises establishments primarily engaged in operating local and suburban commuter rail systems over regular routes and on a regular schedule within a metropolitan area and its adjacent nonurban areas. Commuter rail is usually characterized by reduced fares, multiple ride, and commutation tickets and mostly used by passengers during the morning and evening peak periods.

The data published with NAICS code 485112 are comprised of this part of the following SIC industry:

4111 (pt) Commuter rail transit systems

### **485113 Bus and Other Motor Vehicle Transit Systems**

This U.S. industry comprises establishments primarily engaged in operating local and suburban passenger transportation systems using buses or other motor vehicles over regular routes and on regular schedules within a metropolitan area and its adjacent nonurban areas.

The data published with NAICS code 485113 are comprised of this part of the following SIC industry:

4111 (pt) Bus and motor vehicle transit systems

### **485119 Other Urban Transit Systems**

This U.S. industry comprises establishments primarily engaged in operating local and suburban ground passenger transit systems (except mixed mode transit systems, commuter rail systems, and buses and other motor vehicles) over regular routes and on regular schedules within a metropolitan area and its adjacent nonurban areas.

The data published with NAICS code 485119 are comprised of this part of the following SIC industry:

4111 (pt) Other transit systems

### **4852 Interurban and Rural Bus Transportation**

This industry group comprises establishments primarily engaged in providing bus passenger transportation over regular routes and on regular schedules, principally outside a single metropolitan area and its adjacent nonurban areas.

#### **48521 Interurban and Rural Bus Transportation**

This industry comprises establishments primarily engaged in providing bus passenger transportation over regular routes and on regular schedules, principally outside a single metropolitan area and its adjacent nonurban areas.

#### **485210 Interurban and Rural Bus Transportation**

This U.S. industry comprises establishments primarily engaged in providing bus passenger transportation over regular routes and on regular schedules, principally outside a single metropolitan area and its adjacent nonurban areas.

The data published with NAICS code 485210 are comprised of this part of the following SIC industry:

4131 Interurban and rural bus transportation

### **4853 Taxi and Limousine Service**

This NAICS industry group includes establishments classified in the following NAICS industries: 48531, Taxi Service and 48532, Limousine Service.

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### **48531 Taxi Service**

This industry comprises establishments primarily engaged in providing passenger transportation by automobile or van, not operated over regular routes and on regular schedules. Establishments of taxicab owner/operator, taxicab fleet operators, or taxicab organizations are included in this industry.

#### **485310 Taxi Service**

This U.S. industry comprises establishments primarily engaged in providing passenger transportation by automobile or van, not operated over regular routes and on regular schedules. Establishments of taxicab owner/operator, taxicab fleet operators, or taxicab organizations are included in this industry.

The data published with NAICS code 485310 are comprised of this part of the following SIC industry:

4121 Taxi service

### **48532 Limousine Service**

This industry comprises establishments primarily engaged in providing an array of specialty and luxury passenger transportation services via limousine or luxury sedans generally on a reserved basis. These establishments do not operate over regular routes and on regular schedules.

#### **485320 Limousine Service**

This U.S. industry comprises establishments primarily engaged in providing an array of specialty and luxury passenger transportation services via limousine or luxury sedans generally on a reserved basis. These establishments do not operate over regular routes and on regular schedules.

The data published with NAICS code 485320 are comprised of this part of the following SIC industry:

4119 (pt) Limousine or auto rental with driver  
(except scheduled airport shuttle service)

### **4854 School and Employee Bus Transportation**

This industry group comprises establishments primarily engaged in providing buses and other motor vehicles to transport pupils to and from school or employees to and from work.

#### **48541 School and Employee Bus Transportation**

This industry comprises establishments primarily engaged in providing buses and other motor vehicles to transport pupils to and from school or employees to and from work.

### **485410 School and Employee Bus Transportation**

This U.S. industry comprises establishments primarily engaged in providing buses and other motor vehicles to transport pupils to and from school or employees to and from work.

The data published with NAICS code 485410 are comprised of these parts of the following SIC industries:

4151 School bus service

4119 (pt) Employee bus service

#### **4854101 School Bus Service**

Establishments primarily engaged in operating buses to transport pupils to and from school.

#### **4854102 Employee Bus Service**

Establishments primarily engaged in operating buses or other motor vehicles to transport workers to and from work sites.

### **4855 Charter Bus Industry**

This industry group comprises establishments primarily engaged in providing buses for charter. These establishments provide bus services to meet customers' road transportation needs and generally do not operate over fixed routes and on regular schedules.

#### **48551 Charter Bus Industry**

This industry comprises establishments primarily engaged in providing buses for charter. These establishments provide bus services to meet customers' road transportation needs and generally do not operate over fixed routes and on regular schedules.

#### **485510 Charter Bus Industry**

This U.S. industry comprises establishments primarily engaged in providing buses for charter. These establishments provide bus services to meet customers' road transportation needs and generally do not operate over fixed routes and on regular schedules.

The data published with NAICS code 485510 are comprised of the following SIC industries:

4141 Charter bus service, local

4142 Charter bus service, interstate/interurban

#### **4855101 Charter Bus Service, Local**

Establishments primarily engaged in furnishing charter bus passenger transportation service where such operations are principally within a single municipality, adjoining municipalities, or a municipality and its suburban areas.

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### **4855102 Charter Bus Service, Interstate/Interurban**

Establishments primarily engaged in furnishing charter bus passenger transportation service where such operations are principally outside a single municipality, outside one group of adjoining municipalities, or outside a single municipality and its suburban areas, and do not operate on regular routes or schedules.

### **4859 Other Transit and Ground Passenger Transportation**

This industry group comprises establishments primarily engaged in providing other transit and ground passenger transportation (except urban transit systems, interurban and rural bus transportation, taxi services, school and employee bus transportation, charter bus services, and limousine services (except shuttle services)). Shuttle services (except employee bus) and special needs transportation services are included in this industry. Shuttle services establishments generally travel within a metropolitan area and its adjacent nonurban areas on regular routes, on regular schedules and provide services between hotels, airports, or other destination points. Special needs transportation establishments provide passenger transportation to the infirm, elderly, or handicapped. These establishments may use specially equipped vehicles to provide passenger transportation.

### **48599 Other Transit and Ground Passenger Transportation**

This industry comprises establishments primarily engaged in providing other transit and ground passenger transportation (except urban transit systems, interurban and rural bus transportation, taxi services, school and employee bus transportation, charter bus services, and limousine services (except shuttle services)). Shuttle services (except employee bus) and special needs transportation services are included in this industry. Shuttle services establishments generally travel within a metropolitan area and its adjacent nonurban areas on regular routes, on regular schedules and provide services between hotels, airports, or other destination points. Special needs transportation establishments provide passenger transportation to the infirm, elderly, or handicapped. These establishments may use specially equipped vehicles to provide passenger transportation.

### **485991 Special Needs Transportation**

This U.S. industry comprises establishments primarily engaged in providing special needs transportation (except to and from school or work) to the infirm, elderly, or handicapped. These establishments may use specially equipped vehicles to provide passenger transportation.

The data published with NAICS code 485991 are comprised of this part of the following SIC industry:

4119 (pt) Special needs transportation (including paratransit, senior citizen, nonemergency medical, handicapped, etc.)

### **485999 All Other Transit and Ground Passenger Transportation**

This U.S. industry comprises establishments primarily engaged in providing ground passenger transportation (except urban transit systems; interurban and rural bus transportation, taxi and/or limousine services (except shuttle services), school and employee bus transportation, charter bus services, and special needs transportation). Establishments primarily engaged in operating shuttle services and vanpools are included in this industry. Shuttle services establishments generally provide travel on regular routes and on regular schedules between hotels, airports, or other destination points.

The data published with NAICS code 485999 are comprised of these parts of the following SIC industries:

4111 (pt) Scheduled airport shuttle service

4119 (pt) Other passenger transportation

### **4859991 Scheduled Airport Shuttle Service**

Establishments primarily engaged in furnishing passenger transportation by automobile or bus, to, from, or between airports or other points of destination, over regular routes.

### **4859992 All Other Passenger Transportation**

Establishments primarily engaged in furnishing miscellaneous passenger transportation, where such operations are principally within a single municipality, adjoining municipalities, or a municipality and its suburban areas.

### **486 Pipeline Transportation**

Industries in the Pipeline Transportation subsector use transmission pipelines to transport products, such as crude oil, natural gas, refined petroleum products, and slurry. Industries are identified based on the products transported (i.e., pipeline transportation of crude oil, natural gas, refined petroleum products, and other products).

The Pipeline Transportation of Natural Gas industry includes the storage of natural gas because the storage is usually done by the pipeline establishment and because a pipeline is inherently a network in which all the nodes are interdependent.

### **4861 Pipeline Transportation of Crude Oil**

This industry group comprises establishments primarily engaged in the pipeline transportation of crude oil.

### **48611 Pipeline Transportation of Crude Oil**

This industry comprises establishments primarily engaged in the pipeline transportation of crude oil.

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### **486110 Pipeline Transportation of Crude Oil**

This U.S. industry comprises establishments primarily engaged in the pipeline transportation of crude oil.

The data published with NAICS code 486110 are comprised of the following SIC industry:

4612 Pipeline transportation of crude oil

### **4862 Pipeline Transportation of Natural Gas**

This industry group comprises establishments primarily engaged in the pipeline transportation of natural gas from processing plants to local distribution systems.

### **48621 Pipeline Transportation of Natural Gas**

This industry comprises establishments primarily engaged in the pipeline transportation of natural gas from processing plants to local distribution systems.

### **486210 Pipeline Transportation of Natural Gas**

This U.S. industry comprises establishments primarily engaged in the pipeline transportation of natural gas from processing plants to local distribution systems.

The data published with NAICS code 486210 are comprised of these parts of the following SIC industries:

4922 Pipeline transportation of natural gas

4923 (pt) Natural gas transmission and distribution (transmission)

### **4862101 Natural Gas Transmission**

Establishments engaged in the pipeline transmission of natural gas. Storage incidental and related to the pipeline transmission of natural gas is also included.

### **4862102 Natural Gas Transmission and Distribution (Transmission)**

Establishments primarily engaged in the transportation of natural gas by pipeline and secondarily providing local distribution systems. Storage incidental and related to the transportation of the natural gas is included.

### **4869 Other Pipeline Transportation**

This industry group comprises establishments primarily engaged in the pipeline transportation of products (except crude oil and natural gas).

### **48691 Pipeline Transportation of Refined Petroleum Products**

This industry comprises establishments primarily engaged in the pipeline transportation of refined petroleum products.

### **486910 Pipeline Transportation of Refined Petroleum Products**

This U.S. industry comprises establishments primarily engaged in the pipeline transportation of refined petroleum products.

The data published with NAICS code 486910 are comprised of the following SIC industry:

4613 Pipeline transportation of refined petroleum products

### **48699 All Other Pipeline Transportation**

This industry comprises establishments primarily engaged in the pipeline transportation of products except crude oil, natural gas, and refined petroleum products.

### **486990 All Other Pipeline Transportation**

This U.S. industry comprises establishments primarily engaged in the pipeline transportation of products except crude oil, natural gas, and refined petroleum products.

The data published with NAICS code 486990 are comprised of the following SIC industry:

4619 All other pipeline transportation

### **487 Scenic and Sightseeing Transportation**

Industries in the Scenic and Sightseeing Transportation subsector utilize transportation equipment to provide recreation and entertainment. These activities have a production process distinct from passenger transportation carried out for the purpose of other types of for-hire transportation. This process does not emphasize efficient transportation; in fact, such activities often use obsolete vehicles, such as steam trains, to provide some extra ambience. The activity is local in nature, usually involving a same-day return to the point of departure.

The Scenic and Sightseeing Transportation subsector is separated into three industries based on the mode: land, water, and other.

Activities that are recreational in nature and involve participation by the customer, such as white-water rafting, are generally excluded from this subsector, unless they impose an impact on part of the transportation system. Charter boat fishing, for example, is included in the Scenic and Sightseeing Transportation, Water industry.

### **4871 Scenic and Sightseeing Transportation, Land**

This industry group comprises establishments primarily engaged in providing scenic and sightseeing transportation on land, such as sightseeing buses and trolleys, steam train excursions, and horse-drawn sightseeing rides. The services provided are usually local and involve same-day return to place of origin.



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### **48711 Scenic and Sightseeing Transportation, Land**

This industry comprises establishments primarily engaged in providing scenic and sightseeing transportation on land, such as sightseeing buses and trolleys, steam train excursions, and horse-drawn sightseeing rides. The services provided are usually local and involve same-day return to place of origin.

#### **487110 Scenic and Sightseeing Transportation, Land**

This U.S. industry comprises establishments primarily engaged in providing scenic and sightseeing transportation on land, such as sightseeing buses and trolleys, steam train excursions, and horse-drawn sightseeing rides. The services provided are usually local and involve same-day return to place of origin.

The data published with NAICS code 487110 are comprised of these parts of the following SIC industries:

- 4119 (pt) Sightseeing buses
- 4789 (pt) Horse drawn cabs and carriages
- 7999 (pt) Scenic railroads

#### **4871101 Sightseeing Buses**

Establishments primarily engaged in furnishing sightseeing buses where such operations are principally within a single municipality, contiguous municipalities, or a municipality and its suburban areas.

#### **4871102 Horse Drawn Cabs and Carriages**

Establishments primarily engaged in furnishing horse-drawn cab and carriage passenger transportation.

#### **4871103 Scenic Railroad**

Establishments primarily engaged in providing scenic and sightseeing railroad transportation rides. These establishments often use vintage or specialized transportation equipment. The services provided are local and usually involving same-day return to place or origin.

### **4872 Scenic and Sightseeing Transportation, Water**

This industry group comprises establishments primarily engaged in providing scenic and sightseeing transportation on water. The services provided are usually local and involve same-day return to place of origin.

#### **48721 Scenic and Sightseeing Transportation, Water**

This industry comprises establishments primarily engaged in providing scenic and sightseeing transportation on water. The services provided are usually local and involve same-day return to place of origin.

### **487210 Scenic and Sightseeing Transportation, Water**

This U.S. industry comprises establishments primarily engaged in providing scenic and sightseeing transportation on water. The services provided are usually local and involve same-day return to place of origin.

The data published with NAICS code 487210 are comprised of these parts of the following SIC industries:

- 4489 (pt) Excursion and sightseeing boats (including dinner cruises)
- 7999 (pt) Charter fishing or party fishing boats

#### **4872101 Excursion and Sightseeing Boats (Including Dinner Cruises)**

Establishments primarily engaged in providing scenic, sightseeing and excursion water transportation. Generally, the trips are same-day return to place of origin.

#### **4872102 Charter Fishing and Party Fishing Boats**

Establishments primarily engaged in providing charter or party fishing boat services.

### **4879 Scenic and Sightseeing Transportation, Other**

This industry comprises establishments primarily engaged in providing scenic and sightseeing transportation (except on land and water). The services provided are usually local and involve same-day return to place of departure.

#### **48799 Scenic and Sightseeing Transportation, Other**

This industry comprises establishments primarily engaged in providing scenic and sightseeing transportation (except on land and water). The services provided are usually local and involve same-day return to place of departure.

#### **487990 Scenic and Sightseeing Transportation, Other**

This U.S. industry comprises establishments primarily engaged in providing scenic and sightseeing transportation (except on land and water). The services provided are usually local and involve same-day return to place of departure.

The data published with NAICS code 487990 are comprised of these parts of the following SIC industries:

- 4522 (pt) Sightseeing airplanes and helicopters
- 7999 (pt) Aerial tramways (scenic or sightseeing) and cable lifts

### **4879901 Sightseeing Airplanes or Helicopters**

Establishments primarily engaged in providing air sightseeing services, usually involving same-day return to place of origin.

### **4879902 Aerial Tramway (Scenic or Sightseeing) and Cable Lifts**

Establishments primarily engaged in operating cable lifts (other than ski facilities) or operating scenic or amusement aerial tramways.

### **488 Support Activities for Transportation**

Industries in the Support Activities for Transportation subsector provide services which support transportation. These services may be provided to transportation carrier establishments or to the general public. This subsector includes a wide array of establishments, including air traffic control services, marine cargo handling, and motor vehicle towing.

The Support Activities for Transportation subsector includes services to transportation but is separated from the various transportation subsectors and is further split by type of mode serviced. The Support Activities for Rail Transportation industry includes services to the rail industry (e.g., railroad switching and terminal establishments).

Ship repair and maintenance not done in a shipyard are included in Other Support Activities for Water Transportation. An example would be a floating drydock services in a harbor.

Excluded from this subsector are establishments primarily engaged in providing factory conversion and overhaul of transportation equipment, which are classified in Subsector 336, Transportation Equipment Manufacturing. Also, establishments primarily engaged in providing rental and leasing of transportation equipment without operator are classified in Subsector 532, Rental and Leasing Services.

### **4881 SUPPORT ACTIVITIES FOR AIR TRANSPORTATION**

This industry group comprises establishments primarily engaged in providing services to the air transportation industry. These services include airport operation, servicing, repairing (except factory conversion and overhaul of aircraft), maintaining and storing aircraft, and ferrying aircraft.

#### **48811 Airport Operations**

This industry comprises establishments primarily engaged in (1) operating international, national, or civil airports or public flying field or (2) supporting airport operations (except special food services contractors), such as rental of hangar space, air traffic control services, baggage handling services, and cargo handling services.

#### **488111 Air Traffic Control**

This U.S. industry comprises establishments primarily engaged in providing air traffic control services to regulate the flow of air traffic.

NAICS code 488111 are comprised of these parts of the following SIC industries:

4581 (pt) Airport traffic control

9621 (pt) Registration and administration of transportation programs (government air traffic control)

#### **4881111 Nongovernment Air Traffic Control**

Establishments primarily engaged in operating air traffic control facilities.

#### **4881112 Government Air Traffic Control**

Government establishments primarily engaged in operating air traffic control facilities.

#### **488119 Other Airport Operations**

This U.S. industry comprises establishments primarily engaged in (1) operating international, national, or civil airports, or public flying field or (2) supporting airport operations, such as rental of hangar space, and providing baggage handling and/or cargo handling services.

The data published with NAICS code 488119 are comprised of these parts of the following SIC industries:

4581 (pt) Airport operation and terminal services (including fixed base operators, airfreight handling, and hangar operations)

4959 (pt) Vacuuming of airport runways

#### **4881191 Airport Operation and Terminal Services**

Establishments primarily engaged in operating airports and flying fields, storing aircraft, and in furnishing coordinated handling services for airfreight or passengers at airports.

#### **4881192 Vacuuming of Runways**

Establishments primarily engaged in the vacuuming of airport runways.

#### **48819 Other Support Activities for Air Transportation**

This industry comprises establishments primarily engaged in providing specialized services for air transportation (except air traffic control and other airport operations).

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### **488190 Other Support Activities for Air Transportation**

This U.S. industry comprises establishments primarily engaged in providing specialized services for air transportation (except air traffic control and other airport operations).

The data published with NAICS code 488190 are comprised of this part of the following SIC industry:

4581 (pt) Other airport and aircraft transportation services

### **4882 Support Activities for Rail Transportation**

This industry group comprises establishments primarily engaged in providing specialized services for railroad transportation including servicing, routine repairing (except factory conversion, overhaul or rebuilding of rolling stock), and maintaining rail cars; loading and unloading rail cars; and operating independent terminals.

#### **48821 Support Activities for Rail Transportation**

This industry comprises establishments primarily engaged in providing specialized services for railroad transportation including servicing, routine repairing (except factory conversion, overhaul or rebuilding of rolling stock), and maintaining rail cars; loading and unloading rail cars; and operating independent terminals.

#### **488210 Support Activities for Rail Transportation**

This U.S. industry comprises establishments primarily engaged in providing specialized services for railroad transportation including servicing, routine repairing (except factory conversion, overhaul or rebuilding of rolling stock), and maintaining rail cars; loading and unloading rail cars; and operating independent terminals.

NAICS code 488210 are comprised of these parts of the following SIC industries:

4013 (pt) Railroad switching and terminal establishments

4789 (pt) Support activities incidental to rail transportation

#### **4882101 Support Activities Incidental to Rail Transportation**

Establishments primarily engaged in furnishing services incidental to rail transportation (except railroad switching and terminal activities).

#### **4882102 Railroad Switching and Terminal Establishments**

Establishments primarily engaged in the furnishing of terminal facilities for rail passenger or freight traffic for railway operators. Terminal companies operate the stations and terminals. This activity is out of scope for the 1997 Economic Census.

### **4883 Support Activities for Water Transportation**

This NAICS industry group includes establishments classified in the following NAICS industries: 48831, Port and Harbor Operations; 48832, Marine Cargo Handling; 48833, Navigational Services to Shipping; and 48839, Other Support Activities for Water Transportation.

#### **48831 Port and Harbor Operations**

This industry comprises establishments primarily engaged in operating ports, harbors (including docking and pier facilities), or canals.

#### **488310 Port and Harbor Operations**

This U.S. industry comprises establishments primarily engaged in operating ports, harbors (including docking and pier facilities), or canals.

The data published with NAICS code 488310 are comprised of these parts of the following SIC industries:

4491 (pt) Operation of a port or waterfront terminal

4499 (pt) Seaway and lighthouse operations

#### **4883101 Operation of Port and Waterfront Terminals**

Establishments primarily engaged in the operation and maintenance of piers, docks, and associated buildings and facilities.

#### **4883102 Seaway and Lighthouse Operations**

Establishments primarily engaged in lighthouse operations or in operating ports or harbors (except piers, docks, and associated buildings and facilities).

#### **48832 Marine Cargo Handling**

This industry comprises establishments primarily engaged in providing stevedoring and other marine cargo handling services (except warehousing).

#### **488320 Marine Cargo Handling**

This U.S. industry comprises establishments primarily engaged in providing stevedoring and other marine cargo handling services (except warehousing).

The data published with NAICS code 488320 are comprised of this part of the following SIC industry:

4491 (pt) Marine cargo handling (including stevedoring)

#### **48833 Navigational Services to Shipping and Salvage**

This industry comprises establishments primarily engaged in providing navigational services to shipping. Marine salvage establishments are included in this industry.

### **488330 Navigational Services to Shipping**

This U.S. industry comprises establishments primarily engaged in providing navigational services to shipping. Marine salvage establishments are included in this industry.

The data published with NAICS code 488330 are comprised of these parts of the following SIC industries:

4492 (pt) Tugboat service (including fleet and harbor service)

4499 (pt) Navigational services

### **4883301 Tugboat Service (Including Fleet and Harbor Service)**

Establishments primarily engaged in providing tugboat navigational services in the performance of terminal services, such as docking or undocking of vessels.

### **4883302 Navigational Services**

Establishments primarily engaged in providing navigational services to ships (except tugboat services).

### **4883303 Marine Salvaging and Wrecking (Including Dismantling of Ships)**

Establishments primarily engaged in providing marine salvaging and wrecking, including dismantling of ships.

### **48839 Other Support Activities for Water Transportation**

This industry comprises establishments primarily engaged in providing services to water transportation (except port and harbor operations; marine cargo handling services; and marine salvage and marine salvage and navigational services to shipping).

### **488390 Other Support Activities for Water Transportation**

This U.S. industry comprises establishments primarily engaged in providing services to water transportation (except port and harbor operations; marine cargo handling services; and navigational services to shipping).

The data published with NAICS code 488390 are comprised of these parts of the following SIC industries:

4499 (pt) Other services incidental to water transportation

4785 (pt) Marine cargo inspectors and surveyors

7699 (pt) Ship scaling

### **4883901 Other Services Incidental to Water Transportation**

Establishments primarily engaged in furnishing miscellaneous services incidental to water transportation (except navigational services, marine salvaging and wrecking, seaway and lighthouse operations, marine cargo inspectors and surveyors, and ship scaling).

### **4883902 Marine Cargo Inspectors and Surveyors**

Establishments primarily engaged in providing marine cargo inspection and surveying services.

### **4883903 Ship Scaling**

Establishments primarily engaged in scaling ships.

### **4884 Support Activities for Road Transportation**

This NAICS industry group includes establishments classified in the following NAICS industries: 48841, Motor Vehicle Towing and 48849, Other Support Activities for Road Transportation.

### **48841 Motor Vehicle Towing**

This industry comprises establishments primarily engaged in towing light or heavy motor vehicles, both local and long distance. These establishments may provide incidental services, such as storage and emergency road repair services.

### **488410 Motor Vehicle Towing**

This U.S. industry comprises establishments primarily engaged in towing light or heavy motor vehicles, both local and long-distance. These establishments may provide incidental services, such as storage and emergency road repair services.

The data published with NAICS code 488410 are comprised of this part of the following SIC industry:

7549 (pt) Towing, wrecker service

### **48849 Other Support Activities for Road Transportation**

This industry comprises establishments primarily engaged in providing services (except motor vehicle towing) to road network users.

### **488490 Other Support Activities for Road Transportation**

This U.S. industry comprises establishments primarily engaged in providing services (except motor vehicle towing) to road network users.

The data published with NAICS code 488490 are comprised of these parts of the following SIC industries:

4173 Terminal or maintenance facilities for motor vehicle passenger transportation (except exclusive use of company vehicles)

4231 Motor freight terminal or joint terminal maintenance facility

4785 (pt) Fixed facilities and inspection and weighing services for motor vehicle transportation

4789 (pt) Other support activities incidental to transportation, nec

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#### **4884901 Terminal and Maintenance Facilities for Motor Vehicle Passenger Transportation**

Establishments primarily engaged in the operation of motor vehicle passenger terminals and/or maintenance and service facilities, not operated by companies that also furnish motor vehicle passenger transportation.

#### **4884902 Motor Freight Terminal and Joint Terminal Maintenance Facility**

Establishments primarily engaged in the operation of terminal facilities used by highway-type motor freight vehicles. Included are terminals that provide maintenance and service for motor freight vehicles.

#### **4884903 Fixed Facilities and Inspection and Weighing Services for Motor Transportation Vehicles**

Establishments primarily engaged in the operation of fixed facilities for motor vehicle transportation, such as toll roads, highway bridges, and other fixed facilities (except terminals).

#### **4884904 Support Activities Incidental to Road Transportation**

Establishments primarily engaged in furnishing services incidental to road transportation.

#### **4885 Freight Transportation Arrangement**

This industry group comprises establishments primarily engaged in arranging transportation of freight between shippers and carriers. These establishments are usually known as freight forwarders, marine shipping agents, or customs brokers and offer a combination of services spanning transportation modes.

#### **48851 Freight Transportation Arrangement**

This industry comprises establishments primarily engaged in arranging transportation of freight between shippers and carriers. These establishments are usually known as freight forwarders, marine shipping agents, or customs brokers and offer a combination of services spanning transportation modes.

#### **488510 Freight Transportation Arrangement**

This U.S. industry comprises establishments primarily engaged in arranging transportation of freight between shippers and carriers. These establishments are usually known as freight forwarders, marine shipping agents, or customs brokers and offer a combination of services spanning transportation modes.

The data published with NAICS code 488510 are comprised of this part of the following SIC industry:

4731 (pt) Freight forwarding and arrangement of transportation of freight and cargo

#### **4885101 Freight Forwarding**

Establishments primarily engaged in undertaking the transportation of goods from shippers to receivers for a charge covering the entire transportation, and in turn making use of the services of various freight carriers in affecting delivery, paying transportation charges, and assuming responsibility for delivery of the goods. There is no relationship between shippers and the various freight carriers delivering the goods.

#### **4885102 Arrangement of Transportation of Freight and Cargo**

Establishments primarily engaged in arranging transportation of freight and cargo.

#### **4889 Other Support Activities for Transportation**

This industry group comprises establishments primarily engaged in providing support activities to transportation (except for air transportation; rail transportation; water transportation; road transportation; and freight transportation arrangement).

#### **48899 Other Support Activities for Transportation**

This industry comprises establishments primarily engaged in providing support activities to transportation (except for air transportation; rail transportation; water transportation; road transportation; and freight transportation arrangement).

#### **488991 Packing and Crating**

This U.S. industry comprises establishments primarily engaged in packing, crating, and otherwise preparing goods for transportation.

The data published with NAICS code 488991 are comprised of the following SIC industry:

4783 Packing and crating

#### **488999 All Other Support Activities for Transportation**

This U.S. industry comprises establishments primarily engaged in providing support activities to transportation (except for air transportation; rail transportation; water transportation; road transportation; freight transportation arrangement; and packing and crating).

The data published with NAICS code 488999 are comprised of these parts of the following SIC industries:

4729 (pt) Arrangement of carpools and vanpools

4789 (pt) Other support activities incidental to transportation

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## **4889991 Other Support Activities for Transportation**

Establishments primarily engaged in furnishing services incidental to transportation (except packing and crating and arrangement of carpools and vanpools).

## **4889992 Arrangement of Carpools and Vanpools**

Establishments primarily engaged in the arrangement of carpools and vanpools.

## **491 Postal Service**

The Postal Service subsector includes the activities of the National Post Office and its subcontractors in delivering letters and small parcels. These articles can be described as those that can be handled by one person without using special equipment. This allows the collection, pick-up, and delivery operations to be done with limited labor costs and minimal equipment. Sorting and transportation activities, where necessary, are generally mechanized. The restriction to small parcels distinguishes these establishments from those in the transportation industries.

The traditional activity of the National Postal Service is described in this subsector. Subcontractors include rural Post Offices on contract to the Postal Service.

Bulk transportation of mail on contract to the Postal Service is not included here, because it is usually done by transportation establishments that carry other customers' cargo as well.

## **4911 Postal Service**

This industry group comprises establishments primarily engaged in operating the National Postal Service. Establishments primarily engaged in performing one or more postal service, such as sorting, routing, and/or delivery, on a contract basis (except the bulk transportation of mail) are included in this industry.

## **49111 Postal Service**

This industry comprises establishments primarily engaged in operating the National Postal Service. Establishments primarily engaged in performing one or more postal service, such as sorting, routing, and/or delivery, on a contract basis (except the bulk transportation of mail) are included in this industry.

## **491110 Postal Service**

This U.S. industry comprises establishments primarily engaged in operating the National Postal Service. Establishments primarily engaged in performing one or more postal service, such as sorting, routing, and/or delivery, on a contract basis (except the bulk transportation of mail) are included in this industry.

NAICS code 491110 are comprised of the following SIC industry:

4311 United States Post Office

## **492 Couriers and Messengers**

Industries in the Couriers and Messengers subsector provide intercity and/or local delivery of parcels. These articles can be described as those that may be handled by one person without using special equipment. This allows the collection, pick-up, and delivery operations to be done with limited labor costs and minimal equipment. Sorting and transportation activities, where necessary, are generally mechanized. The restriction to small parcels partly distinguishes these establishments from those in the transportation industries. The complete network of courier services establishments also distinguishes these transportation services from local messenger and delivery establishments in this subsector. This includes the establishments that perform intercity transportation as well as establishments that, under contract to them, perform local pick-up and delivery. Messengers, which usually deliver within a metropolitan or single urban area, may use bicycle, foot, small truck, or van.

## **4921 Couriers**

This industry group comprises establishments primarily engaged in providing air, surface, or combined courier delivery services of parcels generally between metropolitan areas or urban centers. The establishments of this industry form a network including courier local pick-up and delivery to serve their customers' needs.

## **49211 Couriers**

This industry comprises establishments primarily engaged in providing air, surface, or combined courier delivery services of parcels generally between metropolitan areas or urban centers. The establishments of this industry form a network including courier local pick-up and delivery to serve their customers' needs.

## **492110 Couriers**

This U.S. industry comprises establishments primarily engaged in providing air, surface, or combined courier delivery services of parcels generally between metropolitan areas or urban centers. The establishments of this industry form a network including courier local pickup and delivery to serve their customers' needs.

The data published with NAICS code 492110 are comprised of these parts of the following SIC industries:

4215 (pt) Courier services (except local or by air)

4513 Air courier services (including delivery of parcels weighing 100 lbs or less)

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### **4921101 Courier Services (Except by Air)**

Establishments primarily engaged in furnishing delivery of individually addressed letters, parcels and packages (generally under 100 pounds) by truck or other land vehicle (except locally or except by air or by the U.S. Postal Service). Included are establishments that perform intercity transportation as well as establishments that, under contract to them, do the local pick-up and delivery.

### **4921102 Air Courier Services**

Establishments primarily engaged in furnishing air delivery of individually addressed letters, parcels, and packages (generally under 100 lbs.), except by the U.S. Postal Service. While these establishments deliver their consignment by air, the initial pick-up and the final delivery are often made by other modes of transportation, such as truck, bicycle, or motorcycle. Separate establishments of air courier companies engaged in providing pick-up and delivery only, "drop-off points", or distribution centers are all classified here.

### **4922 Local Messengers and Local Delivery**

This industry group comprises establishments primarily engaged in providing local messenger and delivery services of small items within a single metropolitan or within an urban center. These establishments generally provide point-to-point pickup and delivery and do not operate as part of an intercity courier network.

#### **49221 Local Messengers and Local Delivery**

This industry comprises establishments primarily engaged in providing local messenger and delivery services of small items within a single metropolitan or within an urban center. These establishments generally provide point-to-point pickup and delivery and do not operate as part of an intercity courier network.

#### **492210 Local Messengers and Local Delivery**

This U.S. industry comprises establishments primarily engaged in providing local messenger and delivery services of small items within a single metropolitan or within an urban center. These establishments generally provide point-to-point pickup and delivery and do not operate as part of an intercity courier network.

The data published with NAICS code 492210 are comprised of this part of the following SIC industry:

4215 (pt) Local messenger services

### **493 Warehousing and Storage**

Industries in the Warehousing and Storage subsector are primarily engaged in operating warehousing and storage facilities for general merchandise, refrigerated goods, and other warehouse products. These establishments provide facilities to store goods. They do not sell the goods

they handle. These establishments take responsibility for storing the goods and keeping them secure. They may also provide a range of services, often referred to as logistics services, related to the distribution of goods. Logistics services can include labeling, breaking bulk, inventory control and management, light assembly, order entry and fulfillment, packaging, pick and pack, price marking and ticketing, and transportation arrangement. However, establishments in this industry group always provide warehousing or storage services in addition to any logistic services. Furthermore, the warehousing or storage of goods must be more than incidental to the performance of services, such as price marking.

Bonded warehousing and storage services and warehouses located in free trade zones are included in the industries of this subsector.

### **4931 Warehousing and Storage**

This NAICS industry group includes establishments classified in the following NAICS industries: 49311, General Warehousing and Storage; 49312, Refrigerated Warehousing and Storage; 49313, Farm Product Warehousing and Storage; and 49319, Other Warehousing and Storage.

#### **49311 General Warehousing and Storage**

This industry comprises establishments primarily engaged in operating merchandise warehousing and storage facilities. These establishments generally handle goods in containers, such as boxes, barrels, and/or drums, using equipment, such as forklifts, pallets, and racks. They are not specialized in handling bulk products of any particular type, size, or quantity of goods or products.

#### **493110 General Warehousing and Storage**

This U.S. industry comprises establishments primarily engaged in operating merchandise warehousing and storage facilities. These establishments generally handle goods in containers, such as boxes, barrels, and/or drums, using equipment, such as forklifts, pallets, and racks. They are not specialized in handling bulk products of any particular type, size, or quantity of goods or products.

The data published with NAICS code 493110 are comprised of these parts of the following SIC industries:

4225 (pt) General warehousing and storage

4226 (pt) General warehousing in foreign trade zones

#### **4931101 General Warehousing and Storage (Except in Foreign Trade Zones)**

Establishments primarily engaged in the warehousing and storage of a general line of goods for the public. General merchandise is defined as materials or goods of many varieties that are packaged or are readily handled and do not require refrigeration, controlled humidity, or other special handling.

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### **4931102 General Warehousing and Storage in Foreign Trade Zones**

Establishments primarily engaged in the warehousing and storage of goods in foreign trade zones.

### **49312 Refrigerated Warehousing and Storage**

This industry comprises establishments primarily engaged in operating refrigerated warehousing and storage facilities. Establishments primarily engaged in the storage of furs for the trade are included in this industry. The services provided by these establishments include blast freezing, tempering, and modified atmosphere storage services.

### **493120 Refrigerated Warehousing and Storage**

This U.S. industry comprises establishments primarily engaged in operating refrigerated warehousing and storage facilities. Establishments primarily engaged in the storage of furs for the trade are included in this industry. The services provided by these establishments include blast freezing, tempering, and modified atmosphere storage services.

The data published with NAICS code 493120 are comprised of these parts of the following SIC industries:

- 4222 Refrigerated products warehousing
- 4226 (pt) Fur storage

### **4931201 Refrigerated Products Warehousing**

Establishments primarily engaged in operating refrigerated warehousing and storage facilities. Establishments may also provide incidental services for processing, preparing, or packaging such perishable goods for storage. Also included are establishments primarily engaged in the public rental of artificially cooled locker space for the storage of food for individual households.

### **4931202 Fur Storage**

Establishments primarily engaged in the warehousing and storage of fur.

### **49313 Farm Product Warehousing and Storage**

This industry comprises establishments primarily engaged in operating bulk farm product warehousing and storage facilities (except refrigerated). Grain elevators primarily engaged in storage are included in this industry.

### **493130 Farm Product Warehousing and Storage**

This U.S. industry comprises establishments primarily engaged in operating bulk farm product warehousing and storage facilities (except refrigerated). Grain elevators primarily engaged in storage are included in this industry.

The data published with NAICS code 493130 includes are comprised of the following SIC industry:

- 4221 Farm product warehousing and storage

### **49319 Other Warehousing and Storage**

This industry comprises establishments primarily engaged in operating warehousing and storage facilities (except general merchandise, refrigerated, and farm product warehousing and storage).

### **493190 Other Warehousing and Storage**

This U.S. industry comprises establishments primarily engaged in operating warehousing and storage facilities (except general merchandise, refrigerated, and farm product warehousing and storage).

The data published with NAICS code 493190 are comprised of this part of the following SIC industry:

- 4226 (pt) Household and specialized goods and warehousing and storage

### **4931901 Household Goods Warehousing and Storage**

Establishments primarily engaged in the storage of furniture and other household goods.

### **4931902 Specialized Goods Warehousing and Storage**

Establishments primarily engaged in the warehousing and storage of special products (except farm products, refrigerated products, general merchandise, household goods, and fur storage).



# Appendix C.

## Coverage and Methodology

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### MAIL/NONMAIL UNIVERSE

For this sector, large- and medium-size firms, plus all firms known to operate more than one establishment, were sent questionnaires to be completed and returned to the Census Bureau by mail. For most very small firms data from existing administrative records of other Federal agencies were used instead. These records provided basic information on location, kind of business, revenue, payroll, number of employees, and legal form of organization.

Firms in the 1997 Economic Census were divided into the mail universe and nonmail universe. The coverage of and the method of obtaining census information from each are described below:

1. The mail universe consisted of firms for which information was obtained by means of a mail canvass and included:
  - a. Large employers, i.e., all multiestablishment and all single-establishment employer firms with payroll above a specified cutoff. The term “employers” refers to firms with one or more paid employees at any time during 1997 as shown in the active administrative records of other Federal agencies.
  - b. A sample of small employers, i.e., single-establishment firms with payroll below a specified cutoff, in classifications for which specialized data precluded reliance solely on administrative records sources.
2. The nonmail universe consisted of firms that were not required to file a regular census return and included:
  - a. Selected small employers, i.e., single-establishment firms with payroll below a specified cutoff. Although the payroll cutoff varied by kind of business, small employers in the nonmail universe generally included firms with less than 10 employees and represented about 10 percent of total revenue of establishments covered in the census. Data on revenue, payroll, and employment for small employers in the nonmail universe were derived or estimated from administrative records of other Federal agencies.
  - b. All taxable nonemployers, i.e., all firms subject to Federal income tax with no paid employees during 1997. Revenue information for these firms was obtained from administrative records of other Federal agencies. Although consisting of many firms,

nonemployers accounted for less than 10 percent of total revenue of all establishments covered in the census. The census included only those nonemployer firms which reported a revenue volume of \$1,000 or more during 1997. Data for nonemployers are not included in this report, but are released as part of the Core Business Statistics Series.

### INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

The classifications for all establishments in this sector were assigned in accordance with the 1997 North American Industry Classification System (NAICS) Manual, United States. NAICS is a common classification system developed by the United States, Canada, and Mexico. This system replaces the 1987 Standard Industrial Classification (SIC) that was used in previous censuses. Appendix A of the 1997 NAICS manual provides information on the comparability between the 1987 SIC and the 1997 NAICS. More information on NAICS is available in the NAICS manual and at [www.census.gov/naics](http://www.census.gov/naics).

The method of assigning classifications, and the level of detail at which establishments were classified, differed between the mail and nonmail universe as follows:

1. The mail universe.
  - a. Establishments in the mail universe that returned questionnaires were classified on the basis of their self-designation, sources of revenue, and other industry-specific inquiries.
  - b. Establishments in the mail universe that did not return questionnaires were classified on the basis of the most current census kind-of-business classification available from one of the Census Bureau’s current sample surveys, the 1992 census, or the administrative records of other Federal agencies.
2. The nonmail universe.
  - a. Employer establishments in the nonmail universe were classified on the basis of the most current census kind-of-business classification available from one of the Census Bureau’s current sample surveys, the 1992 census, or the administrative records of other Federal agencies. If the census or administrative record classifications proved inadequate (none corresponded to a 1997 census classification in the detail required for employers), the firm was sent a brief inquiry requesting information necessary to assign a 1997 census kind-of-business code.

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- b. Nonemployers were classified on the basis of information obtained from administrative records of other Federal agencies.

### **RELIABILITY OF DATA**

All data compiled for this sector are subject to nonsampling errors. Nonsampling errors can be attributed to many sources: inability to identify all cases in the actual universe; definition and classification difficulties; differences in the interpretation of questions; errors in recording or coding the data obtained; and other errors of collection, response, coverage, processing, and estimation for missing or misreported data.

Data presented in the Miscellaneous Subjects and the Sources of Revenue reports for this sector are subject to sampling errors as well as nonsampling errors. Specifically, these data are estimated based on information obtained from census questionnaires mailed to all large employers and to a sample of small employers in the universe. Sampling errors affect these estimates insofar as they may differ from results that would be obtained from a complete enumeration.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors or by the joint effects of sampling and nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data; however, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors.

The Census Bureau obtains limited information extracted from administrative records of other Federal agencies. This information is used in conjunction with other information available to the Census Bureau to develop estimates for nonemployers, small employers, and other establishments for which responses were not received in time for publication.

### **TREATMENT OF NONRESPONSE**

Census report forms included two different types of inquiries, "basic" and "industry-specific." Data for the basic inquiries, which include location, kind of business or operation, revenue, payroll, number of employees, and legal form of organization, were available from a combination of sources for all establishments. Data for industry-specific inquiries, tailored to the particular kinds of business or operation covered by the report, were available only from the establishments in the mail universe that completed the appropriate inquiries on the questionnaire.

Two methods were used to account for nonresponse to industry-specific inquiries. For some inquiries, missing data were imputed for individual records based on responses from similar establishments. For other inquiries, the total of reported data were expanded to represent the mail and nonmail universe. Data for industry-specific inquiries based on a December 31 reference date were expanded in direct relationship to total annualized revenue of only those establishments in business at the end of the year. Unless otherwise noted in specific reports, data for other industry-specific inquiries were expanded in direct relationship to total revenue of all establishments included in the category. In a few cases, expansion on the basis of the revenue item was not appropriate, and another basic data item was used as the basis for expansion.

All reports in which data were expanded to account for nonmail employers and nonrespondents include a coverage indicator for each publication category, which shows the revenue of establishments responding to the inquiry as a percent of total revenue for all establishments for which data are shown. Coverage is usually determined by the ratio of total revenue of establishments responding to the inquiry to total revenue of all establishments in the category.

# Appendix D. Geographic Notes

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Not applicable for this report.

# Appendix E. Metropolitan Areas

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## KENTUCKY

### **Cincinnati, OH—KY—IN PMSA**

Dearborn County, IN  
Ohio County, IN  
Boone County, KY  
Campbell County, KY  
Gallatin County, KY  
Grant County, KY  
Kenton County, KY  
Pendleton County, KY  
Brown County, OH  
Clermont County, OH  
Hamilton County, OH  
Warren County, OH

### **Cincinnati—Hamilton, OH—KY—IN CMSA**

Cincinnati, OH—KY—IN PMSA  
Dearborn County, IN  
Ohio County, IN  
Boone County, KY  
Campbell County, KY  
Gallatin County, KY  
Grant County, KY  
Kenton County, KY  
Pendleton County, KY  
Brown County, OH  
Clermont County, OH  
Hamilton County, OH  
Warren County, OH  
Hamilton—Middletown, OH PMSA  
Butler County, OH

### **Clarksville—Hopkinsville, TN—KY MSA**

Christian County, KY  
Montgomery County, TN

### **Evansville—Henderson, IN—KY MSA**

Posey County, IN  
Vanderburgh County, IN  
Warrick County, IN  
Henderson County, KY

### **Huntington—Ashland, WV—KY—OH MSA**

Boyd County, KY  
Carter County, KY  
Greenup County, KY  
Lawrence County, OH  
Cabell County, WV  
Wayne County, WV

### **Lexington, KY MSA**

Bourbon County, KY  
Clark County, KY  
Fayette County, KY  
Jessamine County, KY  
Madison County, KY  
Scott County, KY  
Woodford County, KY

### **Louisville, KY—IN MSA**

Clark County, IN  
Floyd County, IN  
Harrison County, IN  
Scott County, IN  
Bullitt County, KY  
Jefferson County, KY  
Oldham County, KY

### **Owensboro, KY MSA**

Daviess County, KY

