

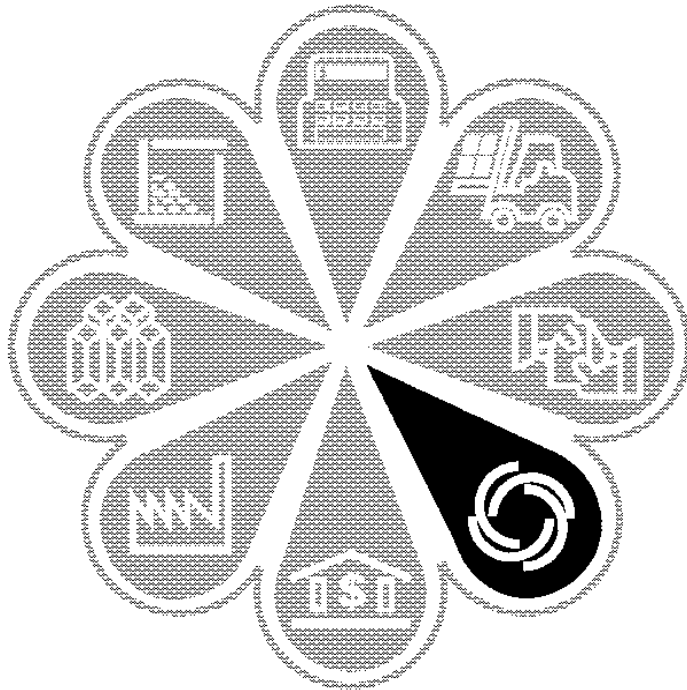
1992

Census of Transportation, Communications, and Utilities

UC92-N-1

NONEMPLOYER STATISTICS SERIES

Summary



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Issued April 1995



U.S. Department of Commerce
Ronald H. Brown, Secretary
David J. Barram, Deputy Secretary
Economics and Statistics Administration
Everett M. Ehrlich, Under Secretary
for Economic Affairs
BUREAU OF THE CENSUS
Martha Farnsworth Riche, Director

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If you have any questions concerning the statistics in this report, call 301-457-2786.



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Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

The economic census is the major source of facts about the structure and functioning of the Nation's economy. It provides essential information for government, business, industry, and the general public.

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

Policymaking agencies of the Federal Government use the data, especially in monitoring economic activity and providing assistance to business.

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

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

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

AUTHORITY AND SCOPE

Title 13 of the United States Code (sections 131, 191, and 224) directs the Census Bureau to take the economic census every 5 years, covering years ending in 2 and 7. The 1992 Economic Census consists of the following eight censuses:

- Census of Retail Trade
- Census of Wholesale Trade
- Census of Service Industries
- Census of Financial, Insurance, and Real Estate Industries
- Census of Transportation, Communications, and Utilities
- Census of Manufactures
- Census of Mineral Industries
- Census of Construction Industries

Special programs also cover enterprise statistics and minority-owned and women-owned businesses. (The 1992 Census of Agriculture and 1992 Census of Governments are conducted separately.) The next economic census is scheduled to be taken in 1998 covering the year 1997.

AVAILABILITY OF THE DATA

The results of the economic census are available in printed reports and on compact discs for sale by the Census Bureau. Order forms for all types of products are available on request from Customer Services, Bureau of the Census, Washington, DC 20233-8300. A more complete description of publications being issued from this census is on the inside back cover of this document.

Census facts are also widely disseminated by trade associations, business journals, and newspapers. Volumes containing census statistics are available in most major public and college libraries. Finally, State data centers in every State as well as business and industry data centers in many States also supply economic census statistics.

WHAT'S NEW IN 1992

The 1992 Economic Census covers more of the economy than any previous census. New for 1992 are data on communications, utilities, financial, insurance, and real estate, as well as coverage of more transportation industries. The economic, agriculture, and governments censuses now collectively cover nearly 98 percent of all economic activity.

Among other changes, new 1992 definitions affect the boundaries of about a third of all metropolitan areas. Also, the Survey of Women-Owned Businesses has now been expanded to include all corporations.

HISTORICAL INFORMATION

The economic census has been taken as an integrated program at 5-year intervals since 1967 and before that for 1963, 1958, and 1954. Prior to that time, the individual subcomponents 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 1840 and subsequent censuses to include mining and some commercial activities. In 1902, Congress established a permanent Census Bureau and directed that a census of manufactures be taken every 5 years. The 1905 Manufactures Census was the first time a census was taken apart from the regular every-10-year population census.

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

The 1954 Economic 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 Enterprise Statistics Program, which publishes combined data from the economic census, was made possible with the implementation of the integrated census program in 1954.

The range of industries covered in the economic censuses has continued to expand. The census of construction industries began on a regular basis in 1967, and the scope of service industries was broadened in 1967, 1977, and 1987. The census of transportation began in 1963 as a set of surveys covering travel, transportation of commodities, and trucks, but expanded in 1987 to cover business establishments in several transportation industries. For 1992, these statistics are incorporated into a broadened census of transportation, communications, and utilities. Also new for 1992 is the census of financial, insurance, and real estate industries. This is part of a gradual expansion in coverage of industries previously subjected to government regulation.

The Survey of Minority-Owned Business Enterprises was first conducted as a special project in 1969 and was incorporated into the economic census in 1972 along with the Survey of Women-Owned Businesses.

An economic census has also been taken in Puerto Rico since 1909, in the Virgin Islands of the United States and Guam since 1958, and in the Commonwealth of the Northern Mariana Islands since 1982.

Statistical reports from the 1987 and earlier censuses provide historical figures for the study of long-term time series and are available in some large libraries. All of the census data published since 1967 are still available for sale on microfiche from the Census Bureau.

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

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

SOURCES FOR MORE INFORMATION

More information about the scope, coverage, classification system, data items, and publications for each of the economic censuses and related surveys is published in the *Guide to the 1992 Economic Census and Related Statistics*. More information on the methodology, procedures, and history of the census will be published in the *History of the 1992 Economic Census*. Contact Customer Services for information on availability.

Census of Transportation, Communications, and Utilities

GENERAL

The 1992 Census of Transportation, Communications, and Utilities, part of the 1992 Economic Census, covered transportation, communications, and utilities as defined in Division E of the *1987 Standard Industrial Classification (SIC) Manual*,¹ except for SIC Major Group 43, United States Postal Service.

Data are presented for establishments in the following classifications:

SIC code	Title
40 ²	Railroad transportation
41	Local and suburban transit and inter-urban highway passenger transportation
42	Motor freight transportation and warehousing
44	Water transportation
45 ³	Transportation by air
46	Pipelines, except natural gas
47	Transportation services
48	Communications
49	Electric, gas, and sanitary services

This report includes firms with and without paid employees.

For firms classified in Pipelines, except natural gas (SIC 46); Telephone, telegraph, and other message communications (SIC 481 and 482); and Electric and gas services (SIC 491, 492, and 493), the basic tabulations in this report include establishments which are auxiliary (primary function is providing a service, such as an administrative office) to other establishments within the same organization. For firms classified in all other industries covered by this report, the basic tabulations do not include data for

¹*Standard Industrial Classification Manual: 1987*. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-00314-2.

²Data presented for SIC Major Group 40, Railroad transportation, were reported to the Association of American Railroads and published in *Railroad Facts*, 1993 edition. These data are shown for the United States only.

³Data presented for SIC Major Group 45, Transportation by air, include revenue for large certificated passenger carriers that was reported to the Office of Airline Statistics, U.S. Department of Transportation, and published in *Air Carrier Financial Statistics Quarterly*. These data are shown for the United States only.

auxiliary establishments. Data for those auxiliaries are presented in a subsequent report issued as part of the 1992 Enterprise Statistics reports.

For the 1992 Census of Transportation, Communications, and Utilities, 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 selected 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. In addition, more detailed information for selected small employer firms was obtained on the various questionnaires.

Appendix A gives a more detailed explanation of census coverage and methodology.

CENSUS DISCLOSURE RULES

In accordance with Federal law governing census reports, 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, so this information may be released even though other information is withheld.

GEOGRAPHIC AREAS COVERED

This report series presents data for the following areas:

1. The United States as a whole.
2. Each State and the District of Columbia.

DOLLAR VALUES

All dollar values presented in this report are expressed in current dollars, i.e., 1992 data are expressed in 1992 dollars and 1987 data in 1987 dollars. Consequently, when making comparisons to prior years, users of the data should consider the inflation that has occurred.

RELIABILITY OF DATA

All data compiled in this report originated from either census questionnaires or administrative records of other Federal agencies and, therefore, are not subject to sampling errors. However, the data 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, and estimation for missing or misreported data.

The accuracy of these tabulated data is determined by the joint effects of the various 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 Bureau of the Census obtains on computer tape 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. See appendix A for a more detailed explanation of census coverage and methodology.

SPECIAL TABULATIONS

Special tabulations of data collected in the 1992 Census of Transportation, Communications, and Utilities may be obtained, depending on availability of time and personnel, on diskette, computer tape, or in tabular form. The data will

be in summary form and 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) as are 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, Services Division, Bureau of the Census, Washington, DC 20233.

To discuss a special tabulation before submitting specifications, call 1-800-541-8345.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual companies; data are included in broader kind-of-business totals.
- (NA) Not available.
- (X) Not applicable.
- CMSA Consolidated metropolitan statistical area.
- MA Metropolitan area.
- MSA Metropolitan statistical area.
- n.e.c. Not elsewhere classified.
- PMSA Primary metropolitan statistical area.
- pt. Part.
- r Revised.
- SIC Standard Industrial Classification.

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

Information shown in tables	Table		
	1	2	3
GEOGRAPHIC AREAS			
United States	X	X	
Each State			X
DATA ITEMS			
Number of all establishments	X		X
Number of establishments with payroll	X		X
Number of establishments without payroll	X		X
Number of nonemployer establishments		X	
Number of unincorporated businesses with payroll	X		
Number of unincorporated businesses without payroll	X		
Revenue of all establishments	X		X
Revenue of establishments with payroll	X		X
Revenue of establishments without payroll	X		X
Revenue size of nonemployer establishments		X	

Users' Guide for Locating Statistics in the 1992 Census of Transportation, Communications, and Utilities Reports

Report and geographic area	Information shown in reports by kind of business or industry category										
	Number of establishments	Revenue (\$1,000)	Payroll (\$1,000)	Number of employees	Selected ratios	Revenue lines	Revenue size and employment size of establishments and firms	Concentration ratio of largest firms	Single units and multiunits	Legal form of organization	Selected topics
GEOGRAPHIC AREA SERIES											
United States	X	X	X	X	X						
States	X	X	X	X	X						
CMSA, PMSA, MSA	X	X	X	X							
NONEMPLOYER STATISTICS SERIES											
United States	X	X									
States	X	X									
ESTABLISHMENTS AND FIRM SIZE (INCLUDING LEGAL FORM OF ORGANIZATION)											
United States	X	X	X	X			X	X	X	X	
MISCELLANEOUS SUBJECTS											
United States	X	X				X					X
States	X	X				X					X
CMSA, PMSA, MSA	X	X				X					

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Publication Program..... Inside back cover

UTILITIES—NONEMPLOYER STATISTICS SERIES

SUMMARY 3

Table 1. **Summary Statistics for All Establishments and Establishments With and Without Payroll for the United States: 1992**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1987 and 1992 censuses, see appendix A]

SIC code	Kind of business	All establishments				Establishments with payroll				Establishments without payroll			
		Number	Revenue (\$1,000)	Unincorporated businesses		Number	Revenue (\$1,000)	Unincorporated businesses		Number	Revenue (\$1,000)	Unincorporated businesses	
				Individual proprietorships (number)	Partnerships (number)			Individual proprietorships (number)	Partnerships (number)			Individual proprietorships (number)	Partnerships (number)
	Total transportation, communications, and utilities except U.S. Post Office -----	(NA)	891 830 924	(NA)	(NA)	(NA)	869 251 440	(NA)	(NA)	599 401	22 579 484	556 670	7 684
40	Railroad transportation ¹ -----	(NA)	28 358 343	(NA)	(NA)	(NA)	28 348 895	(NA)	(NA)	73	9 448	—	4
41	Passenger transportation -----	96 910	14 379 934	78 020	742	17 805	12 649 307	3 438	407	79 105	1 730 627	74 582	335
42	Motor freight transportation and warehousing -----	465 061	159 433 760	372 202	10 278	110 908	143 794 366	33 020	6 276	354 153	15 639 394	339 182	4 002
44	Water transportation -----	15 760	29 524 164	6 811	593	8 147	29 207 214	864	356	7 613	316 950	5 947	237
45	Air transportation ² -----	(NA)	83 085 304	(NA)	(NA)	(NA)	82 670 356	(NA)	(NA)	13 615	414 948	9 976	249
46	Pipelines, except natural gas -----	866	7 065 653	1	6	844	7 063 056	1	5	22	2 597	—	1
47	Transportation services -----	132 399	26 632 026	81 580	3 171	46 593	23 889 855	5 404	2 048	85 806	2 742 171	76 176	1 123
48	Communications -----	76 088	231 849 351	33 471	2 727	39 244	230 667 167	1 125	1 590	36 844	1 182 184	32 346	1 137
49	Electric, gas, and sanitary services -----	42 219	311 502 389	19 734	928	20 049	310 961 224	1 273	332	22 170	541 165	18 461	596

¹Establishments with payroll include Class 1 freight railroads only. Source: Association of American Railroads, Washington, DC. **Railroad Facts**, 1993 edition.

²Revenue for scheduled air transportation includes revenue for large certificated passenger carriers that was reported to the Office of Airline Statistics, U.S. Department of Transportation as published in *Air Carrier Financial Statistics Quarterly*.

Table 3. Summary Statistics for All Establishments and Establishments With and Without Payroll for the States: 1992

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1987 and 1992 censuses, see appendix A]

SIC code	Geographic area and kind of business	All establishments		Establishments with payroll		Establishments without payroll	
		Number	Revenue (\$1,000)	Number	Revenue (\$1,000)	Number	Revenue (\$1,000)
ALABAMA							
41	Passenger transportation	394	84 339	154	80 442	240	3 897
42	Motor freight transportation and warehousing	8 566	2 876 901	2 063	2 560 180	6 503	316 721
44	Water transportation	230	241 515	128	238 280	102	3 235
45 pt.	Air transportation ¹	328	240 584	110	233 364	218	7 220
46	Pipelines, except natural gas	14	123 029	14	123 029	—	—
47	Transportation services	1 106	163 762	333	140 843	773	22 919
48	Communications	1 232	2 987 789	804	2 970 687	428	17 102
49	Electric, gas, and sanitary services	482	5 125 342	353	5 120 111	129	5 231
ALASKA							
41	Passenger transportation	490	48 591	94	38 127	396	10 464
42	Motor freight transportation and warehousing	1 114	441 610	263	407 587	851	34 023
44	Water transportation	340	240 057	125	232 368	215	7 689
45 pt.	Air transportation ¹	519	585 869	255	574 241	264	11 628
46	Pipelines, except natural gas	9	2 218 608	9	2 218 608	—	—
47	Transportation services	578	104 546	225	92 826	353	11 720
48	Communications	265	676 026	184	670 897	81	5 129
49	Electric, gas, and sanitary services	628	577 017	115	572 058	513	4 959
ARIZONA							
41	Passenger transportation	706	146 867	172	133 892	534	12 975
42	Motor freight transportation and warehousing	5 239	1 620 392	1 225	1 466 657	4 014	153 735
44	Water transportation	68	7 951	14	6 256	54	1 695
45 pt.	Air transportation ¹	378	417 737	162	410 336	216	7 401
46	Pipelines, except natural gas	12	(D)	12	(D)	—	—
47	Transportation services	2 101	279 622	746	241 110	1 355	38 512
48	Communications	1 060	2 507 278	542	2 493 259	518	14 019
49	Electric, gas, and sanitary services	542	3 537 173	313	3 527 205	229	9 968
ARKANSAS							
41	Passenger transportation	262	36 990	108	34 776	154	2 214
42	Motor freight transportation and warehousing	7 048	2 343 145	1 594	2 094 933	5 454	248 212
44	Water transportation	96	34 695	62	33 592	34	1 103
45 pt.	Air transportation ¹	256	144 730	87	140 507	169	4 223
46	Pipelines, except natural gas	7	(D)	7	(D)	—	—
47	Transportation services	753	115 063	226	100 080	527	14 983
48	Communications	809	1 495 931	533	1 484 978	276	10 953
49	Electric, gas, and sanitary services	664	3 018 216	422	3 014 657	242	3 559
CALIFORNIA							
41	Passenger transportation	7 406	1 833 461	1 431	1 698 465	5 975	134 996
42	Motor freight transportation and warehousing	43 313	16 392 668	11 084	14 882 372	32 229	1 510 296
44	Water transportation	1 278	4 167 574	513	4 139 790	765	27 784
45 pt.	Air transportation ¹	2 774	5 218 065	1 216	5 169 056	1 558	49 009
46	Pipelines, except natural gas	55	187 054	55	187 054	—	—
47	Transportation services	20 474	3 879 197	6 771	3 373 027	13 703	506 170
48	Communications	8 074	29 407 541	3 186	29 230 870	4 888	176 671
49	Electric, gas, and sanitary services	3 222	27 447 561	1 585	27 379 004	1 637	68 557
COLORADO							
41	Passenger transportation	966	147 554	170	132 430	796	15 124
42	Motor freight transportation and warehousing	6 025	1 953 745	1 473	1 743 432	4 552	210 313
44	Water transportation	77	8 063	25	6 695	52	1 368
45 pt.	Air transportation ¹	537	402 702	197	393 062	340	9 640
46	Pipelines, except natural gas	18	45 402	18	45 402	—	—
47	Transportation services	2 167	538 155	829	508 930	1 338	29 225
48	Communications	1 607	3 556 912	802	3 520 573	805	36 339
49	Electric, gas, and sanitary services	921	4 186 428	366	4 175 440	555	10 988
CONNECTICUT							
41	Passenger transportation	941	374 290	322	358 927	619	15 363
42	Motor freight transportation and warehousing	3 874	1 407 610	954	1 295 916	2 920	111 694
44	Water transportation	281	914 275	162	908 562	119	5 713
45 pt.	Air transportation ¹	282	453 165	113	448 075	169	5 090
46	Pipelines, except natural gas	—	—	—	—	—	—
47	Transportation services	2 117	371 365	793	335 816	1 324	35 549
48	Communications	836	3 292 163	349	3 277 902	487	14 261
49	Electric, gas, and sanitary services	658	5 490 804	214	5 477 161	444	13 643
DELAWARE							
41	Passenger transportation	323	45 741	154	42 522	169	3 219
42	Motor freight transportation and warehousing	1 136	365 025	319	324 758	817	40 267
44	Water transportation	97	187 436	45	185 463	52	1 973
45 pt.	Air transportation ¹	114	73 920	32	67 620	82	6 300
46	Pipelines, except natural gas	1	(D)	1	(D)	—	—
47	Transportation services	302	66 840	96	59 810	206	7 030
48	Communications	199	(D)	106	(D)	93	2 622
49	Electric, gas, and sanitary services	60	(D)	32	(D)	28	1 872

See footnotes at end of table.

Table 3. Summary Statistics for All Establishments and Establishments With and Without Payroll for the States: 1992—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1987 and 1992 censuses, see appendix A]

SIC code	Geographic area and kind of business	All establishments		Establishments with payroll		Establishments without payroll	
		Number	Revenue (\$1,000)	Number	Revenue (\$1,000)	Number	Revenue (\$1,000)
MISSISSIPPI							
41	Passenger transportation	216	38 386	70	36 481	146	1 905
42	Motor freight transportation and warehousing	5 778	1 591 620	1 438	1 393 566	4 340	198 054
44	Water transportation	140	171 881	74	168 403	66	3 478
45 pt.	Air transportation ¹	182	77 628	55	74 488	127	3 140
46	Pipelines, except natural gas	25	(D)	23	146 718	2	(D)
47	Transportation services	582	69 119	165	55 612	417	13 507
48	Communications	738	1 570 889	531	1 563 494	207	7 395
49	Electric, gas, and sanitary services	813	2 928 611	612	2 921 033	201	7 578
MISSOURI							
41	Passenger transportation	1 258	248 095	385	233 439	873	14 656
42	Motor freight transportation and warehousing	13 825	4 748 281	3 408	4 284 240	10 417	464 041
44	Water transportation	289	439 534	147	430 933	142	8 601
45 pt.	Air transportation ¹	413	314 205	170	309 067	243	5 138
46	Pipelines, except natural gas	16	83 451	16	83 451	—	—
47	Transportation services	2 191	978 125	776	947 178	1 415	30 947
48	Communications	1 682	4 935 433	1 016	4 915 493	666	19 940
49	Electric, gas, and sanitary services	902	5 552 900	436	5 543 892	466	9 008
MONTANA							
41	Passenger transportation	227	36 430	118	34 710	109	1 720
42	Motor freight transportation and warehousing	2 466	766 743	687	660 310	1 779	106 433
44	Water transportation	35	2 022	14	1 780	21	242
45 pt.	Air transportation ¹	142	63 879	64	61 531	78	2 348
46	Pipelines, except natural gas	14	46 603	14	46 603	—	—
47	Transportation services	408	46 527	148	37 059	260	9 468
48	Communications	405	640 536	249	635 324	156	5 212
49	Electric, gas, and sanitary services	366	874 077	238	872 131	128	1 946
NEBRASKA							
41	Passenger transportation	176	37 742	76	35 597	100	2 145
42	Motor freight transportation and warehousing	4 768	2 086 956	1 407	1 904 173	3 361	182 783
44	Water transportation	19	4 787	13	4 631	6	156
45 pt.	Air transportation ¹	153	169 646	68	166 617	85	3 029
46	Pipelines, except natural gas	15	35 832	15	35 832	—	—
47	Transportation services	572	95 055	210	83 122	362	11 933
48	Communications	537	1 419 467	356	1 414 371	181	5 096
49	Electric, gas, and sanitary services	320	1 857 628	143	1 854 645	177	2 983
NEVADA							
41	Passenger transportation	194	193 702	63	191 978	131	1 724
42	Motor freight transportation and warehousing	1 517	501 444	449	454 324	1 068	47 120
44	Water transportation	31	8 727	12	7 963	19	764
45 pt.	Air transportation ¹	243	245 997	103	240 505	140	5 492
46	Pipelines, except natural gas	1	(D)	1	(D)	—	—
47	Transportation services	674	125 630	258	114 795	416	10 835
48	Communications	426	1 078 737	218	1 070 656	208	8 081
49	Electric, gas, and sanitary services	161	1 497 478	109	1 494 374	52	3 104
NEW HAMPSHIRE							
41	Passenger transportation	306	61 389	119	58 128	187	3 261
42	Motor freight transportation and warehousing	2 089	641 831	415	567 872	1 674	73 959
44	Water transportation	75	23 781	38	22 514	37	1 267
45 pt.	Air transportation ¹	150	93 092	52	90 489	98	2 603
46	Pipelines, except natural gas	2	(D)	2	(D)	—	—
47	Transportation services	613	41 081	166	29 610	447	11 471
48	Communications	376	828 294	176	822 018	200	6 276
49	Electric, gas, and sanitary services	447	1 889 536	125	1 879 800	322	9 736
NEW JERSEY							
41	Passenger transportation	4 926	1 349 433	1 097	1 235 150	3 829	114 283
42	Motor freight transportation and warehousing	15 266	7 061 787	4 182	6 584 495	11 084	477 292
44	Water transportation	590	2 300 777	330	2 286 561	260	14 216
45 pt.	Air transportation ¹	486	1 058 546	218	1 050 424	268	8 122
46	Pipelines, except natural gas	6	(D)	6	(D)	—	—
47	Transportation services	5 521	1 391 066	2 064	1 245 736	3 457	145 330
48	Communications	2 644	7 644 244	1 257	7 598 028	1 387	46 216
49	Electric, gas, and sanitary services	766	11 080 162	400	11 063 259	366	16 903
NEW MEXICO							
41	Passenger transportation	423	79 502	139	75 499	284	4 003
42	Motor freight transportation and warehousing	2 205	615 065	541	539 262	1 664	75 803
44	Water transportation	19	2 023	6	1 724	13	299
45 pt.	Air transportation ¹	176	132 783	85	130 240	91	2 543
46	Pipelines, except natural gas	22	87 503	22	87 503	—	—
47	Transportation services	631	56 479	184	47 263	447	9 216
48	Communications	492	932 559	318	927 885	174	4 674
49	Electric, gas, and sanitary services	360	2 033 923	249	2 030 308	111	3 615

See footnotes at end of table.

8 SUMMARY

UTILITIES—NONEMPLOYER STATISTICS SERIES

Table 3. Summary Statistics for All Establishments and Establishments With and Without Payroll for the States: 1992—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1987 and 1992 censuses, see appendix A]

SIC code	Geographic area and kind of business	All establishments		Establishments with payroll		Establishments without payroll	
		Number	Revenue (\$1,000)	Number	Revenue (\$1,000)	Number	Revenue (\$1,000)
WEST VIRGINIA							
41	Passenger transportation	234	34 966	87	32 991	147	1 975
42	Motor freight transportation and warehousing	3 968	893 092	1 081	768 426	2 887	124 666
44	Water transportation	66	57 102	38	56 596	28	506
45 pt.	Air transportation ¹	105	69 802	48	68 166	57	1 636
46	Pipelines, except natural gas	2	(D)	2	(D)	—	—
47	Transportation services	396	36 131	94	28 498	302	7 633
48	Communications	520	1 097 389	383	1 094 998	137	2 391
49	Electric, gas, and sanitary services	417	2 169 037	269	2 163 687	148	5 350
WISCONSIN							
41	Passenger transportation	1 204	314 909	566	302 817	638	12 092
42	Motor freight transportation and warehousing	10 682	4 671 359	3 471	4 267 107	7 211	404 252
44	Water transportation	212	96 637	119	94 276	93	2 361
45 pt.	Air transportation ¹	323	492 704	123	487 554	200	5 150
46	Pipelines, except natural gas	10	(D)	10	(D)	—	—
47	Transportation services	1 741	249 808	703	222 332	1 038	27 476
48	Communications	1 441	3 188 076	874	3 172 425	567	15 651
49	Electric, gas, and sanitary services	1 188	5 137 094	324	5 126 223	864	10 871
WYOMING							
41	Passenger transportation	73	11 698	29	11 179	44	519
42	Motor freight transportation and warehousing	1 128	248 575	378	214 646	750	33 929
44	Water transportation	22	3 186	7	2 627	15	559
45 pt.	Air transportation ¹	91	61 589	47	60 726	44	863
46	Pipelines, except natural gas	29	(D)	27	47 336	2	(D)
47	Transportation services	238	18 121	77	14 741	161	3 380
48	Communications	230	(D)	161	(D)	69	1 518
49	Electric, gas, and sanitary services	184	911 725	113	910 468	71	1 257

¹Data do not include large, certificated passenger carriers that report to the Office of Airline Statistics, U.S. Department of Transportation.

Appendix

General Explanation

CENSUS COVERAGE AND METHODOLOGY

Structure and method of enumeration. Firms in the 1992 Census of Transportation, Communications, and Utilities were divided into the nonmail universe and mail universe. The coverage and method of obtaining census information from each follow:

1. The nonmail universe consisted of firms which were not required to file a regular census return and included:

a. All nonemployers, i.e., all firms subject to Federal income tax with no paid employees during 1992. Revenue information for these firms was obtained from administrative records of other Federal agencies. Although consisting of many firms, nonemployers accounted for less than 3 percent of total revenue of all establishments covered in the census.

The census included only those transportation, communications, and utilities nonemployer firms which reported a revenue volume of \$1,000 or more during 1992 plus firms in operation for less than the full year that reported revenue which, if projected to an annual basis, would have reached a total of \$1,000 or more.

Data for nonemployers are included in this report.

b. Selected small employers, i.e., single-establishment firms with payroll below a specified cutoff. (The term "employers" refers to firms with one or more paid employees at any time during 1992 as shown in active administrative records of other Federal agencies.) Although the payroll cutoff varied by kind of business, small employers 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 employer firms below the payroll cutoff were derived or estimated from administrative records of other Federal agencies, except for a sample of small employer firms in classifications for which specialized data requirements precluded reliance solely on administrative records sources. This sample was included in the mail universe.

2. 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 employer firms above the payroll size cutoff referred to in section 1b. Within this category, an annual survey of company organization was conducted to identify establishment locations of firms, which operated at more than one location, and to obtain information on payroll and mid-March employment at each location. The 1991 Report of Company Organization was used as a coverage check in the census.

In the 1992 census, multiestablishment firms were divided into two categories of report forms, State and establishment. Firms with establishments classified in pipeline transportation, telephone and telegraph services, and electric and gas services were sent report forms to collect information for each State in which those firms operated. In addition to the information reported in summary for the State, those firms were asked to report the payroll and mid-March employment for each establishment operated in the State. All other establishments of multiestablishment firms were sent individual report forms for those locations.

All multiestablishment firms were asked to notify the Census Bureau of any States or establishments for which a form was not received. Report forms were subsequently provided to the firms for these States or establishments.

b. The sample of small employer firms in classifications for which specialized data precluded reliance solely on administrative records sources. These firms were sent the census mailing packages containing the appropriate 1992 questionnaire.

Method of classifying kinds of business. The transportation, communications, and utilities industry classifications for all establishments were based on the *Standard Industrial Classification Manual: 1987*¹ (SIC). However, the method of assigning these classifications, and the level of detail at which establishments were classified, differed between the nonmail and mail universes as follows:

¹*Standard Industrial Classification Manual: 1987*. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-00314-2.

1. The nonmail universe

- a. Nonemployers were classified on the basis of information obtained from administrative records of other Federal agencies.
- b. Selected small employers 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 or the 1987 census. Otherwise, the classification was obtained from administrative records of other Federal agencies.

If the census or administrative record classifications proved inadequate (none corresponded to a 1992 census classification in the detail required for employers), the firm was sent a brief inquiry requesting information necessary to assign a 1992 census kind-of-business code.

2. The mail universe

- a. Establishments in the mail universe covered by a State report were classified on the basis of answers to self-designation, sources of revenue, and other special inquiries from the State report combined with their response to self-designation for each establishment included in the State report.
- b. Establishments in the mail universe covered by establishment reports were classified on the basis of their individual answers to self-designation, sources of revenue, and other special inquiries. Establishment locations operated by a motor or water carrier (i.e., terminals) were classified according to the kind of trucking or water transportation activity they supported.

COMPARABILITY OF THE 1987 AND 1992 CENSUSES

The 1987 and 1992 censuses were conducted under similar conditions and procedures except for the following:

Geographic areas. The boundaries of a number of areas for which data are shown in the 1992 census are not the same as in the 1987 census because of annexations; other boundary changes; and redefinitions of metropolitan statistical areas (MSA's), primary metropolitan statistical areas (PMSA's), and consolidated metropolitan statistical areas (CMSA's).²

²Newly defined metropolitan areas (MA's) were announced by the Office of Management and Budget (OMB) effective June 30, 1993.

Scope. The 1992 Census of Transportation, Communications, and Utilities includes Railroad transportation (SIC 40),³ Passenger transportation (SIC 41), Air transportation (SIC 45),⁴ Pipelines, except natural gas (SIC 46), Communications (SIC 48), and Electric, gas, and sanitary services (SIC 49). The 1987 census did not include these SIC groups.

Nonemployer firms. Data for nonemployers by kind of business are presented in this report. The 1987 census did not include data for nonemployer firms.

Establishment and firm size. In 1987, data on establishment and firm size were published with other industry-specific data in the *Miscellaneous Subjects* report (TC87-S-1). In 1992, establishment and firm size data are presented separately in the *Establishment and Firm Size* report (UC92-S-1) of the Subject Series.

Employment. In 1987, employment data withheld to avoid disclosing data for individual companies were represented with the symbol "(D)". In 1992, withheld employment data are represented with symbols that denote employment size ranges. These symbols are defined in the introductory text.

Legal form of organization. In 1987, data on the number of individual proprietorships/partnerships were published in the *Geographic Area Series* report. In 1992, individual proprietorship/partnership data are published in the *Establishment and Firm Size* report (UC92-S-1) and in the *Nonemployer Statistics* report (UC92-N-1).

EXPLANATION OF TERMS

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. Statistics for the transportation, communications, and utilities industries covered by the 1992 census 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. Estimates of this number were derived from a

³Data presented for SIC Major Group 40, Railroad transportation, were reported to the Association of American Railroads as published in *Railroad Facts*, 1993 edition. These data are shown for the United States only.

⁴Data presented for SIC Major Group 45, Transportation by air, include revenue for large certificated passenger carriers that was reported to the office of Airline Statistics, U.S. Department of Transportation, as published in *Air Carrier Financial Statistics Quarterly*. These data are shown for the United States only.

sample and are provided in the Transportation, Communications, and Utilities report, *Miscellaneous Subjects* (UC92-S-2). Each census report 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 1992.

When two activities or more 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, and when conditions prescribed by the SIC manual for recognizing the existence of more than one establishment were met, separate establishment reports for each of the different activities were obtained in the census.

Firms. A firm is a business organization or entity consisting of one domestic establishment (location) or more under common ownership or control. All establishments of subsidiary firms are included as part of the owning or controlling firm. For the economic census, the terms "firm" and "company" are synonymous.

Operating revenue (Basic dollar volume measure for transportation, communications, and utilities establishments covered by the census). Includes gross revenue from customers or clients for services rendered, from the use of facilities, and from merchandise sold in 1992, whether or not payment was received in 1992. Travel agents, shipping agents, and shipping brokers were to report commissions rather than gross billings or sales. Tour operators were to report the difference between the selling price of their tours and the amounts paid to suppliers, and freight forwarders were to report the difference between gross charges and the amounts paid to other transportation companies (net). Telephone service establishments were to include revenue received from international calls originating in the United States (including that portion paid to foreign countries for accessing their network). These establishments were to include allowances for uncollectible accounts. Network and broadcast stations were to include advertising sales net of commissions paid to agency representatives and brokers. Rental revenue from leasing of vehicles, railroad cars, equipment, instruments, tools, etc., marketed under operating leases are included in revenues as well as the fair sales value of merchandise marketed in 1992 under capital, finance, or "full payout" leases. Revenues also include the total value of service contracts, amounts received for work subcontracted to others and from repair services provided to others, and dues and assessment from members and affiliates.

Revenues are net after deductions for refunds and allowances for merchandise returned by customers. Revenues do not include sales, occupancy, admissions, or

other taxes collected directly from customers and paid directly by the firm to a local, State, or Federal tax agency, nor do they include income from such sources as contributions, gifts, and grants; dividends, interest, and investments; or sale or rental of real estate. Also excluded are rents and revenue (gross as well as the establishment's share) from departments or concessions which are operated by others; sales of used equipment rented or leased to customers; commissions from vending and amusement machine operators; and other nonoperating income such as royalties and franchise fees. Telephone service establishments were to exclude revenue collected on behalf of another company. Tax-exempt broadcast stations were to exclude contributions, gifts, grants, and other nonoperating income.

Annual payroll. Payroll includes all forms of compensation, such as salaries, wages, tips, commissions, bonuses, vacation allowances, sick-leave pay, and employee contributions to qualified pension plans paid during 1992 to all full- and part-time employees. For corporations, payroll includes salaries paid to officers and executives; for unincorporated businesses, it does not include payments to or withdrawals by 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. This item consists of payroll, as defined above, paid to persons employed at any time during the quarter January to March, 1992.

Paid employees for pay period including March 12. This item consists of the full- and part-time employees, including salaried officers and executives of corporations, and employees on paid sick leave, paid vacations and paid holidays who were on the payroll the pay period including March 12. Not included are proprietors and partners of unincorporated firms, employees of commission agents, and employees of departments or concessions operated by other firms. The definition of paid employees is the same as that used on IRS form 941.

Auxiliary establishments. Each company included in this census was asked to identify and separately report auxiliary locations whose primary functions were to manage, administer, service, or support the activities of the other establishments of the company. For firms classified in Pipelines, except natural gas (SIC 46); Telephone, telegraph, and other message communications (SIC 481 and 482); and Electric and gas services (SIC 491, 492, and 493), the basic tabulations in this report for these industries include data for auxiliary establishments. For firms classified in all other industries covered by this report, the basic tabulations do not include data for auxiliary establishments. Data for those auxiliaries are presented in a subsequent report issued as part of the *1992 Enterprise Statistics* reports.

KIND-OF-BUSINESS CLASSIFICATIONS

Transportation, Communications, Electric, Gas, and Sanitary Services as defined in Division E of the *1987 Standard Industrial Classification (SIC) Manual*, includes establishments primarily engaged in rendering a wide variety of services to individuals, business and government establishments, and other organizations.

Establishments covered by the census were assigned kind-of-business classifications according to the industry classifications defined in the 1987 SIC manual. When a more detailed classification than defined in the 1987 SIC manual was needed, additional kinds of business were identified within an SIC industry.

The basis for a kind-of-business classification is described above in "Method of classifying kinds of business." Descriptions of those kinds of business for which data are provided in this report follow.

RAILROAD TRANSPORTATION⁵ (MAJOR GROUP 40)

This group includes establishments furnishing transportation by line-haul railroad, and switching and terminal establishments. Passenger railways serving a single municipality, contiguous municipalities, or a municipality and its suburban areas are classified in Major Group 41. Other services related to railroad transportation are classified in Major Group 47. Lessors of railroad property are classified in Real Estate, Industry 6517.

Railroads, line-haul operation (SIC 4011). Establishments primarily engaged in line-haul railroad passenger and freight operations. Railways primarily engaged in furnishing passenger transportation confined principally to a single municipality, contiguous municipalities, or a municipality and its suburban areas are classified in Major Group 41.

Railroad switching and terminal establishments (SIC 4013). Establishments primarily engaged in the furnishing of terminal facilities for rail passenger or freight traffic for line-haul service, and in the movement of railroad cars between terminal yards, industrial sidings and other local sites. Terminal companies do not necessarily operate any vehicles themselves, but may operate the stations and terminals. Lessors of railway property are classified in Real Estate, Industry 6517.

LOCAL AND SUBURBAN TRANSIT AND INTERURBAN HIGHWAY PASSENGER TRANSPORTATION (MAJOR GROUP 41)

This group includes establishments primarily engaged in furnishing local and suburban passenger transportation, such as those providing passenger transportation within a

single municipality, contiguous municipalities, or a municipality and its suburban area, by bus, rail, or subway, either separately or in combination, and establishments engaged in furnishing transportation to local scenic features. Also included are establishments primarily engaged in furnishing highway passenger transportation and establishments furnishing highway passenger terminal or maintenance facilities. Intercity bus lines are included in this major group, but interurban railways are classified in Major Group 40.

Local and suburban transit (SIC 4111). Establishments primarily engaged in furnishing local and suburban mass passenger transportation over regular routes and on regular schedules, with operations confined principally to a municipality, contiguous municipalities, or a municipality and its suburban areas. Also included in this industry are establishments primarily engaged in furnishing passenger transportation by automobile, bus, or rail to, from, or between airports or rail terminals, over regular routes, and those providing bus and rail commuter services.

Local passenger transportation, n.e.c. (SIC 4119). Establishments primarily engaged in furnishing miscellaneous passenger transportation, where such operations are principally within a municipality, contiguous municipalities, or a municipality and its suburban areas. Establishments primarily engaged in renting passenger automobiles without drivers are classified in Services, Industry Group 751. Establishments primarily operating ski lifts, tows, and other recreational lifts are classified in Services, Industry 7999.

For large geographic areas, data are presented for the following subdivisions of this classification:

1. Sightseeing bus.
2. Limousine or auto rental with driver.
3. Ambulance or rescue service, except by air.
4. Other local passenger transportation, n.e.c.

Taxicabs (SIC 4121). Establishments primarily engaged in furnishing passenger transportation by automobiles not operated on regular schedules or between fixed terminals. Taxicab fleet owners and organizations are included, regardless of whether drivers are hired or rent their cabs or are otherwise compensated. Establishments primarily engaged in furnishing passenger transportation by automobile or bus, to, from, or between airports or rail terminals, over regular routes, are classified in Industry 4111. Taxicab associations and similar organizations which do not operate taxicabs, but supply maintenance and repair services to their members, are classified in Industry 4173.

Intercity and rural bus transportation (SIC 4131). Establishments primarily engaged in furnishing bus transportation, over regular routes and on regular schedules, the

⁵Data presented for SIC Major Group 40, Railroad transportation, were reported to the Association of American Railroads and published in *Railroad Facts*, 1993 edition. These data are shown for the United States only.

operations of which are principally outside a single municipality, outside one group of contiguous municipalities, and outside a single municipality and its suburban areas. Charter bus transportation services are classified in Industry 4142.

Local bus charter service (SIC 4141). Establishments primarily engaged in furnishing local bus charter service where such operations are principally within a single municipality, contiguous municipalities, or a municipality and its suburban areas. Charter bus transportation services, except local, are classified in Industry 4142.

Bus charter service, except local (SIC 4142). Establishments primarily engaged in furnishing bus charter service, except local, where such operations are principally outside a single municipality, outside one group of contiguous municipalities, and outside a single municipality and its suburban areas.

School buses (SIC 4151). Establishments primarily engaged in operating buses to transport pupils to and from school. School bus establishments operated by educational institutions should be treated as auxiliaries.

Terminal and service facilities for motor vehicle passenger transportation (SIC 4173). Establishments primarily engaged in the operation of motor vehicle passenger terminals and of maintenance and service facilities, not operated by companies that also furnish motor vehicle passenger transportation. Establishments that are owned by motor vehicle passenger transportation companies and are primarily engaged in operating terminals for use of such vehicles are classified in the same industry as the establishments providing the motor vehicle transportation. Separate maintenance and service facilities operated by companies furnishing motor vehicle passenger transportation should be treated as auxiliaries. Establishments which provide motor vehicle maintenance or service for the general public are classified in Services, Industry Group 753.

MOTOR FREIGHT TRANSPORTATION AND WAREHOUSING (SIC MAJOR GROUP 42)

This group includes establishments furnishing local or long-distance trucking or transfer services, or those engaged in the storage of farm products, furniture and other household goods, or commercial goods of any nature. The operation of terminal facilities for handling freight, with or without maintenance facilities, is also included. Establishments primarily engaged in the storage of natural gas are classified in Industry 4922. Field warehousing is classified in Services, Industry 7389.

Local trucking without storage (SIC 4212). Establishments primarily engaged in furnishing trucking or transfer services without storage for freight generally weighing

more than 100 pounds, in a single municipality, contiguous municipalities, or a municipality and its suburban areas. Establishments primarily engaged in furnishing local courier services for letters, parcels, and packages generally weighing less than 100 pounds are classified in Industry 4215; those engaged in collecting and disposing of refuse by processing or destruction of materials are classified in Industry 4953; those engaged in removing overburden from mines or quarries are classified in Division B, Mining; and construction contractors hauling dirt and rock as a part of their construction activity are classified in Division C, Construction.

For large geographic areas, data are presented for the following subdivisions of this classification:

1. Household goods moving.
2. General freight.
3. Hazardous materials.
4. Agricultural products.
5. Garbage and trash collection.
6. Dump trucking.
7. Other local trucking without storage, n.e.c.

Trucking, except local (SIC 4213). Establishments primarily engaged in furnishing "over-the-road" trucking services or trucking services and storage services, including household goods either as common carriers or under special or individual contracts or agreements, for freight generally weighing more than 100 pounds. Such operations are principally outside a single municipality, outside one group of contiguous municipalities, or outside a single municipality and its suburban areas. Establishments primarily engaged in furnishing air courier services for individually addressed letters, parcels, and packages generally weighing less than 100 pounds are classified in Industry 4513 and other courier services for individually addressed letters, parcels, and packages generally weighing less than 100 pounds are classified in Industry 4215.

For large geographic areas, data are presented for the following subdivisions of this classification:

1. Household goods moving.
2. General freight.
3. Hazardous materials.
4. Agricultural products.
5. Other trucking, except local, n.e.c.

Local trucking with storage (SIC 4214). Establishments primarily engaged in furnishing both trucking and storage services, including household goods, within a single municipality, contiguous municipalities, or a municipality and its suburban areas. Establishments primarily engaged in furnishing warehousing and storage of household goods when not combined with trucking are classified in Industry

4226. Establishments primarily engaged in furnishing local courier services for letters, parcels, and packages weighing less than 100 pounds are classified in Industry 4215.

For large geographic areas, data are presented for the following subdivisions of this classification:

1. Household goods moving.
2. Other local trucking with storage.

Courier services, except by air (SIC 4215). Establishments primarily engaged in the delivery of individually addressed letters, parcels, and packages (generally under 100 pounds), except by means of air transportation or by the United States Postal Service. Delivery is usually made by street or highway within a local area or between cities. Establishments primarily engaged in furnishing air delivery of individually addressed letters, parcels, and packages, except by the United States Postal Service, are classified in Industry 4513, and establishments of the United States Postal Service are classified in Industry 4311. Establishments primarily engaged in the delivery of advertising and other unaddressed letters, parcels, and packages are classified in Industry 7319. Establishments primarily engaged in undertaking the transportation of goods from shippers to receivers for a charge covering the entire transportation, but making use of other transportation establishments to effect the entire delivery are classified in Industry 4731. Establishments primarily engaged in furnishing armored car services are classified in Services, Industry 7381.

Farm product warehousing and storage (SIC 4221). Establishments primarily engaged in the warehousing and storage of farm products. Establishments primarily engaged in refrigerated warehousing are classified in Industry 4222.

Refrigerated warehousing and storage (SIC 4222). Establishments primarily engaged in the warehousing and storage of perishable goods under refrigeration. The establishment may also rent locker space for the storage of food products for individual households and provide incidental services for processing, preparing, or packaging such food for storage. Establishments primarily selling frozen foods for home freezers (freezer and locker meat provisioners) are classified in Retail Trade, Industry 5421.

General warehousing and storage (SIC 4225). Establishments primarily engaged in the warehousing and storage of a general line of goods. The warehousing of goods at foreign trade zones is classified in Industry 4226. Field warehousing is classified in Services, Industry 7389.

For large geographic areas, data are presented for the following subdivisions of this classification:

1. General goods warehousing.
2. Self-service or miniwarehousing.

Special warehousing and storage, n.e.c. (SIC 4226). Establishments primarily engaged in the warehousing and storage of special products, not elsewhere classified, such as

household goods, automobiles (dead storage only), furs (for the trade), textiles, whiskey, and goods at foreign trade zones. Warehouses primarily engaged in blending wines are classified in Wholesale Trade, Industry 5182.

Terminal and joint terminal maintenance facilities for motor freight transportation (SIC 4231). Establishments primarily engaged in the operation of terminal facilities used by highway-type property carrying vehicles. Also included are terminals which provide maintenance and service for motor vehicles. Terminals operated by motor freight transportation companies for their own use are classified in Industry Group 421. Separate maintenance and service facilities operated by motor freight transportation companies are classified as auxiliary. Establishments primarily engaged in the repair of trucks are classified in Services, Industry Group 753.

WATER TRANSPORTATION (SIC MAJOR GROUP 44)

This group includes establishments engaged in freight and passenger transportation on the open seas or inland waters, and establishments furnishing such incidental services as lighterage, towing, and canal operation. This major group also includes excursion boats, sightseeing boats, and water taxis. Cargo handling operations when carried on by transportation companies and separately reported are classified in Industry 4491. When separate reports for cargo handling are not available, these operations are classified with the transportation establishment. Establishments engaged in the operation of charter or party fishing boats are classified in Services, Industry 7999.

Deep sea foreign transportation of freight (SIC 4412). Establishments primarily engaged in operating vessels for the transportation of freight on the deep seas between the United States and foreign ports. Establishments operating vessels for the transportation of freight which travel to foreign ports and also to noncontiguous territories are classified in this industry.

Deep sea domestic transportation of freight (SIC 4424). Establishments primarily engaged in operating vessels for the transportation of freight on the deep seas between ports of the United States, the Panama Canal Zone, Puerto Rico, and United States island possessions or protectorates. Also included are operations limited to the coasts of Alaska, Hawaii, or Puerto Rico. Establishments performing transportation of freight on the intra-coastal waterways paralleling the Atlantic and Gulf coasts are classified in Industry 4449.

Freight transportation on the Great Lakes—St. Lawrence Seaway (SIC 4432). Establishments primarily engaged in the transportation of freight on the Great Lakes and the St. Lawrence Seaway, either between United States ports or between United States and Canadian ports.

Water transportation of freight, n.e.c. (SIC 4449). Establishments primarily engaged in the transportation of freight on all inland waterways, including the intracoastal waterways on the Atlantic and Gulf coasts. Transportation of freight on the Great Lakes and the St. Lawrence Seaway is classified in Industry 4432. Establishments primarily engaged in providing lighterage and towing or tugboat services are classified in Industry Group 449.

Deep sea transportation of passengers, except by ferry (SIC 4481). Establishments primarily engaged in operating vessels for the transportation of passengers on the deep seas.

Ferries (SIC 4482). Establishments primarily engaged in operating ferries for the transportation of passengers or vehicles. Establishments primarily engaged in providing lighterage services are classified in Industry 4499.

Water transportation of passengers, n.e.c. (SIC 4489). Establishments primarily engaged in furnishing water transportation of passengers, not elsewhere classified, such as airboats (swamp buggy rides), excursion boat operations, and sightseeing boats.

Marine cargo handling (SIC 4491). Establishments primarily engaged in activities directly related to marine cargo handling from the time cargo, for or from a vessel, arrives at shipside, dock, pier, terminal, staging area, or in-transit area until cargo loading or unloading operations are completed. Included in this industry are establishments primarily engaged in the transfer of cargo between ships and barges, trucks, trains, pipelines, and wharfs. Cargo handling operations carried on by transportation companies and separately reported are classified here. This industry includes the operation and maintenance of piers, docks, and associated buildings and facilities; but lessors of such facilities are classified in Real Estate, Industry 6512.

Towing and tugboat services (SIC 4492). Establishments primarily engaged in furnishing marine towing and tugboat services in the performance of auxiliary or terminal services in harbor areas. The vessels used in performing these services do not carry cargo or passengers.

Marinas (SIC 4493). Establishments primarily engaged in operating marinas. These establishments rent boat slips and store boats, and generally perform a range of other services including cleaning and incidental boat repair. They frequently sell food, fuel, and fishing supplies, and may sell boats. Establishments primarily engaged in building or repairing boats and ships are classified in Manufacturing, Industry Group 373. Establishments primarily engaged in the operation of charter or party fishing boats or rental of small recreational boats are classified in Services, Industry 7999.

Water transportation services, n.e.c. (SIC 4499). Establishments primarily engaged in furnishing miscellaneous services incidental to water transportation, not elsewhere

classified, such as lighterage; boat hiring, except for pleasure; chartering of vessels; canal operation; ship cleaning, except hold cleaning; and steamship leasing. Establishments primarily engaged in the operation of charter or party fishing boats or rental of small recreational boats are classified in Services, Industry 7999.

TRANSPORTATION BY AIR (MAJOR GROUP 45)

This group includes establishments engaged in furnishing domestic and foreign transportation by air and also those operating airports and flying fields and furnishing terminal services. Establishments primarily engaged in performing services which may incidentally use airplanes (e.g., crop dusting and aerial photography) are classified according to the service performed.

Air transportation, scheduled⁶ (SIC 4512). Establishments primarily engaged in furnishing air transportation over regular routes and on regular schedules. This industry includes Alaskan carriers operating over regular or irregular routes.

Air courier services (SIC 4513). Establishments primarily engaged in furnishing air delivery of individually addressed letters, parcels, and packages (generally under 100 pounds), except by the U.S. Postal Service. While these establishments deliver letters, parcels, and packages by air, the initial pick-up and the final delivery are often made by other modes of transportation, such as by 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 in this industry. Establishments of the U.S. Postal Service are classified in Industry 4311; and establishments furnishing delivery of individually addressed letters, parcels, or packages (generally under 100 pounds) other than by air are classified in Industry 4215. Establishments primarily engaged in undertaking the transportation of goods from shippers to receivers for charges covering the entire transportation, but making use of other transportation establishments to effect the entire delivery, are classified in Industry 4731.

Air transportation, nonscheduled (SIC 4522). Establishments primarily engaged in furnishing nonscheduled air transportation. Also included in this industry are establishments primarily engaged in furnishing airplane sightseeing services, air taxi services and helicopter passenger transportation services to, from, or between local airports, whether or not scheduled.

Airports, flying fields, and airport terminal services (SIC 4581). Establishments primarily engaged in operating and maintaining airports and flying fields; in servicing, repairing (except on a factory basis), maintaining, and

⁶ Data presented for SIC Major Group 45, Transportation by air, include revenue for large certificated passenger carriers that was reported to the office of Airline Statistics, U.S. Department of Transportation, and published in *Air Carrier Financial Statistics Quarterly*. These data are shown for the United States only.

storing aircraft; and in furnishing coordinated handling services for airfreight or passengers at airports. This industry also includes private establishments primarily engaged in air traffic control operations. Government air traffic control operations are classified in Public Administration, Industry 9621. Aircraft modification centers and establishments primarily engaged in factory-type overhaul of aircraft are classified in Manufacturing, Major Group 37, and flying fields maintained by aviation clubs are classified in Services, Industry 7997.

PIPELINES, EXCEPT NATURAL GAS (MAJOR GROUP 46)

This group includes establishments primarily engaged in the pipeline transportation of petroleum and other commodities, except natural gas. Pipelines operated by petroleum producing or refining companies and separately reported are included. Establishments primarily engaged in natural gas transmission are classified in Industry 4922.

Crude petroleum pipelines (SIC 4612). Establishments primarily engaged in the pipeline transportation of crude petroleum. Field gathering lines are classified in Mining, Major Group 13.

Refined petroleum pipelines (SIC 4613). Establishments primarily engaged in the pipeline transportation of refined products of petroleum, such as gasoline and fuel oil.

Pipelines, n.e.c. (SIC 4619). Establishments primarily engaged in the pipeline transportation of commodities, except crude petroleum, refined products of petroleum, and natural gas. Establishments primarily engaged in the pipeline transportation of refined petroleum are classified in Industry 4613, and those engaged in natural gas transmission are classified in Industry 4922.

TRANSPORTATION SERVICES (SIC MAJOR GROUP 47)

This group includes establishments furnishing services incidental to transportation, such as forwarding and packing services, and the arrangement of passenger and freight transportation.

Travel agencies (SIC 4724). Establishments primarily engaged in furnishing travel information and acting as agents in arranging tours, transportation, rental of cars, and lodging for travelers. Tour operators primarily engaged in arranging and assembling tours for sale through travel agents are classified in Industry 4725.

Tour operators (SIC 4725). Establishments primarily engaged in arranging and assembling tours for sale through travel agents. Tour operators primarily engaged in selling their own tours directly to travelers are also included in this industry.

Arrangement of passenger transportation, n.e.c. (SIC 4729). Establishments primarily engaged in arranging passenger transportation, not elsewhere classified, such as ticket offices, not operated by transportation companies, for railroads, buses, ships, and airlines.

Arrangement of transportation of freight and cargo (SIC 4731). Establishments primarily engaged in furnishing shipping information and acting as agents in arranging transportation for freight and cargo. Also included in this industry are freight forwarders which undertake the transportation of goods from the shippers to receivers for a charge covering the entire transportation, and, in turn, make use of the services of other transportation establishments as instrumentalities in effecting delivery.

For large geographic areas, data are presented for the following subdivisions of this classification:

1. Freight forwarders.
2. Arrangement of freight and cargo, n.e.c.

Rental of railroad cars (SIC 4741). Establishments primarily engaged in renting railroad cars, whether or not also performing services connected with the use thereof, or in performing services connected with the rental of railroad cars. Establishments, such as banks and insurance companies, which purchase and lease railroad cars as investments are classified based on their primary activity.

Packing and crating (SIC 4783). Establishments primarily engaged in packing, crating, and otherwise preparing goods for shipping. Establishments primarily engaged in packaging and labeling merchandise for purposes other than shipping (retail packaging) are classified in Industry 7389.

Fixed facilities and inspection and weighing services for motor vehicle transportation (SIC 4785). Establishments primarily engaged in the inspection and weighing of goods in connection with transportation or in the operation of fixed facilities for motor vehicle transportation, such as toll roads, highway bridges, and other fixed facilities, except terminals.

Transportation services, n.e.c. (SIC 4789). Establishments primarily engaged in furnishing transportation or services incidental to transportation, not elsewhere classified. Included in this industry are stockyards that do not buy, sell, or auction livestock; sleeping and dining car operations not performed by railroads; and horse-drawn cabs and carriages for hire.

COMMUNICATIONS (MAJOR GROUP 48)

This group includes establishments furnishing point-to-point communications services, whether intended to be received aurally or visually; and radio and television broadcasting. This major group also includes establishments

primarily engaged in providing paging and beeper services and those engaged in leasing telephone lines or other methods of telephone transmission, such as optical fiber lines and microwave or satellite facilities, and reselling the use of such methods to others. Establishments primarily engaged in furnishing telephone answering services are classified in Services, Industry 7389.

Radiotelephone communications (SIC 4812). Establishments primarily engaged in providing two-way radiotelephone communications services, such as cellular telephone services. This industry also includes establishments primarily engaged in providing telephone paging and beeper services and those engaged in leasing telephone lines or other methods of telephone transmission, such as optical fiber lines and microwave or satellite facilities, and reselling the use of such methods to others. Establishments primarily engaged in furnishing telephone answering services are classified in Services, Industry 7389.

Telephone communications, except radiotelephone (SIC 4813). Establishments primarily engaged in furnishing telephone voice and data communications, except radiotelephone and telephone answering services. This industry also includes establishments primarily engaged in leasing telephone lines or other methods of telephone transmission, such as optical fiber lines and microwave or satellite facilities, and reselling the use of such methods to others. Establishments primarily engaged in furnishing radiotelephone communications are classified in Industry 4812, and those furnishing telephone answering services are classified in Services, Industry 7389.

Telegraph and other message communications (SIC 4822). Establishments primarily engaged in furnishing telegraph and other nonvocal message communications services, such as cablegram, electronic mail, and facsimile transmission services.

Radio broadcasting stations (SIC 4832). Establishments primarily engaged in broadcasting aural programs by radio to the public. Included in this industry are commercial, religious, educational, and other radio stations. Also included here are establishments primarily engaged in radio broadcasting and which produce radio program materials. Separate establishments primarily engaged in producing radio program materials are classified in Services, Industry 7922.

Television broadcasting stations (SIC 4833). Establishments primarily engaged in broadcasting visual programs by television to the public, except cable and other pay television services. Included in this industry are commercial, religious, educational, and other television stations. Also included here are establishments primarily engaged in television broadcasting and which produce taped television program materials. Separate establishments primarily engaged in producing taped television program materials are classified in Services, Industry 7812. Establishments primarily engaged in furnishing cable and other pay television services are classified in Industry 4841.

Cable and other pay television services (SIC 4841). Establishments primarily engaged in the dissemination of visual and textual television programs, on a subscription or fee basis. Included in this industry are establishments which are primarily engaged in cablecasting and which also produce taped program materials. Separate establishments primarily engaged in producing taped television or motion picture program materials are classified in Services, Industry 7812.

Communications services, n.e.c. (SIC 4899). Establishments primarily engaged in furnishing communications services, not elsewhere classified. Establishments primarily engaged in providing on-line information retrieval services on a contract or fee basis are classified in Services, Industry 7375.

ELECTRIC, GAS, AND SANITARY SERVICES (MAJOR GROUP 49)

This group includes establishments engaged in the generation, transmission, and/or distribution of electricity or gas or steam. Such establishments may be combinations of any of the above three services and also include other types of services, such as transportation, communications, and refrigeration. Water and irrigation systems, and sanitary systems engaged in the collection and disposal of garbage, sewage, and other wastes by means of destroying or processing materials, are also included. If one service of a combination system does not constitute 95 percent or more of revenues, the establishment should be classified as a combination in Industry Group 493, with the subgroup being determined by the major service supplied.

Electric services (SIC 4911). Establishments engaged in the generation, transmission, and/or distribution of electric energy for sale.

Natural gas transmission (SIC 4922). Establishments engaged in the transmission and/or storage of natural gas for sale.

Natural gas transmission and distribution (SIC 4923). Establishments engaged in both the transmission and distribution of natural gas for sale.

Natural gas distribution (SIC 4924). Establishments engaged in the distribution of natural gas for sale.

Mixed, manufactured, or liquefied petroleum gas production and/or distribution (SIC 4925). Establishments engaged in the manufacture and distribution of gas for sale, including mixtures of manufactured with natural gas. Establishments distributing liquefied petroleum (LP) gas in steel containers are classified in Retail Trade, Industry 5984.

Electric and other services combined (SIC 4931). Establishments primarily engaged in providing electric services in combination with other services, with electric services as the major part though less than 95 percent of the total.

Gas and other services combined (SIC 4932). Establishments primarily engaged in providing gas services in combination with other services, with gas services as the major part though less than 95 percent of the total.

Combination utilities, n.e.c. (SIC 4939). Establishments primarily engaged in providing combinations of electric, gas, and other services, not elsewhere classified.

Water supply (SIC 4941). Establishments primarily engaged in distributing water for sale for domestic, commercial, and industrial use. Systems distributing water primarily for irrigation service are classified in Industry 4971.

Sewerage systems (SIC 4952). Establishments primarily engaged in the collection and disposal of wastes conducted through a sewer system, including such treatment processes as may be provided.

Refuse systems (SIC 4953). Establishments primarily engaged in the collection and disposal of refuse by processing or destruction or in the operation of incinerators, waste treatment plants, landfills, or other sites for disposal of such materials. Establishments primarily engaged in collecting and transporting refuse without such disposal are classified in Transportation, Industry 4212.

Sanitary services, n.e.c. (SIC 4959). Establishments primarily engaged in furnishing sanitary services, not elsewhere classified.

Steam and air-conditioning supply (SIC 4961). Establishments engaged in the production and/or distribution of steam and heated or cooled air for sale.

Irrigation systems (SIC 4971). Establishments primarily engaged in operating water supply systems for the purpose of irrigation. Establishments primarily engaged in operating irrigation systems for others, but which do not themselves provide water, are classified in Agricultural Services, Industry 0721.

Publication Program

1992 CENSUS OF TRANSPORTATION, COMMUNICATIONS, AND UTILITIES

Publications of the 1992 Census of Transportation, Communications, and Utilities containing data on: transportation, communications, and utilities establishments; characteristics of trucks; and characteristics of commodity shipments are described below. The first results were issued in press releases. Final detailed statistics are issued in separate paperbound reports and compact disc-read only memory (CD-ROM).

Order forms for the specific reports or CD-ROM's may be obtained from any Department of Commerce district office, any Bureau of the Census State data center or business/industry data center, or from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233-8300 or call 301-457-4100.

Final Reports

Truck Inventory and Use Survey—52 reports (TC92-T-1 to -52)

This series includes a United States Summary and a separate report for each State and the District of Columbia. Data cover the physical and operational characteristics of the Nation's private and commercial truck resources, such as the number of vehicles, major use, annual miles, model year, body type, vehicle size, fuel type, operator classification, engine size, range of operation, weeks operated, products carried, and hazardous materials carried. The reports show comparative statistics reflecting percent changes in number of vehicles between 1987 and 1992 for all characteristics.

1993 Commodity Flow Survey—141 reports (TC92-CF-1 to -52(P) and TC92-CF-N1 to 89)

This series includes a preliminary United States Summary, a set of National Transportation Analysis Region (NTAR) reports, a set of State reports (including the District of Columbia), and a final, more detailed United States Summary. Data cover the characteristics of commodity shipments initiated by establishments engaged in manufacturing, mining, wholesale, and selected retail, service, and auxiliary activities. The data include tons, ton-miles, average miles and value of shipments, by commodity and transportation mode. The NTAR and State reports include data on NTAR-to-NTAR and State-to-State commodity shipments, respectively. The final United States Summary includes more detailed commodity descriptions, data on containerized and hazardous materials shipments, and supplemental data on availability and use of transportation equipment and facilities.

Geographic area series—1 report (UC92-A-1)

The geographic area *Summary* report presents data for the United States and States for establishments with payroll for detailed kind-of-business classifications. Statistics on number of establishments and revenue are also shown for States and selected metropolitan areas (MA's) by kind of business.

For each State, the District of Columbia, and the United States, 1992 data are provided on revenue and employees per establishment and on revenue and payroll per employee. Comparative statistics showing percent changes in revenue and payroll between 1987 and 1992 also are shown for some kind-of-business classifications.

Nonemployer statistics series—1 report (UC92-N-1)

The *Nonemployer Statistics* report includes data by kind of business for all establishments, establishments with payroll, and establishments without payroll for the United States and States.

Subject series—2 reports (UC92-S-1 to -2)

The *Establishment and Firm Size* report (UC92-S-1) presents data for establishments with payroll, based on size of establishment, size of company or firm, and legal form of organization. Establishment statistics are presented by revenue size and by employment size; statistics for firms, by revenue size (including concentration by largest firms), by employment size, and by number of establishments operated (single units and multiunits). These data are presented for the United States.

The *Miscellaneous Subjects* report (UC92-S-2) presents data for the United States as a whole and, where feasible, for States and MA's for establishments with payroll. Data are provided for some kinds of business on major sources of revenue; purchased transportation; cost of purchased travel; revenue by class of customer; and other miscellaneous subjects.

Electronic Media

All data included in the printed reports are available on CD-ROM. For the *Commodity Flow Survey* data, the CD-ROM provides greater detail than the printed reports with respect to shipment distance and weight ranges. Electronic media products are available for users who wish to summarize, rearrange, or process large amounts of data. In addition to CD-ROM's containing data from printed reports, there is a separate CD-ROM for the *Truck Inventory and Use Survey* which contains microdata information for each truck in the sample. The term microdata refers to the unaggregated records for the individual responses. The records are modified to avoid the possibility of identifying individual households or establishments. These products, with corresponding technical documentation, are sold by Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233-8300.

OTHER ECONOMIC CENSUS REPORTS

Data on retail trade, wholesale trade, service industries, financial, insurance, real estate, construction industries, manufactures, mineral industries, enterprise statistics, minority-owned business enterprises, and women-owned businesses also are available from the 1992 Economic Census. A separate series of reports covers the census of outlying areas—Puerto Rico, Virgin Islands of the United States, Guam, and the Northern Marianas. Separate announcements describing these reports are available free of charge from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233-8300.