Rhode Island

1997

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EC97S54A-RI

1997 Economic Census

Professional, Scientific, and Technical Services Geographic Area Series



Helping You Make Informed Decisions

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



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U.S. Census Bureau, 1997 Economic Census Sep. 28, 1999

Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

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

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

- Policymaking agencies of the Federal Government use the data to monitor economic activity and assess the effectiveness of policies.
- State and local governments use the data to assess business activities and tax bases within their jurisdictions and to develop programs to attract business.
- Trade associations study trends in their own and competing industries, which allows them to keep their members informed of market changes.
- Individual businesses use the data to locate potential markets and to analyze their own production and sales performance relative to industry or area averages.

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

1997 ECONOMIC CENSUS

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) 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 longterm time series and are available in some large libraries. All of the census reports printed since 1967 are still available for sale on microfiche from the Census Bureau. CD-ROMs issued from the 1987 and 1992 Economic Censuses contain databases including nearly all data published in print, plus additional statistics, such as ZIP Code statistics, published only on CD-ROM.

SOURCES FOR MORE INFORMATION

More information about the scope, coverage, classification system, data items, and publications for each of the economic censuses and related surveys is published in the *Guide to the 1997 Economic Census and Related Statistics* at www.census.gov/econguide. More information on the methodology, procedures, and history of the censuses will be published in the *History of the 1997 Economic Census* at www.census.gov/econ/www/history.html.

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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Professional, Scientific, and Technical Services

SCOPE

The Professional, Scientific, and Technical Services sector (sector 54) of the 1997 Economic Census covers establishments with payroll that specialize in performing professional, scientific, and technical activities for others. These activities require a high degree of expertise and training. The establishments in this sector specialize according to expertise and provide services to clients in a variety of industries and, in some cases, to households. Activities performed include: legal advice and representation; accounting, bookkeeping, and payroll services; architectural, engineering, and specialized design services; computer services; photographic services; translation and interpretation services; veterinary services; and other professional, scientific, and technical services.

This sector excludes establishments primarily engaged in providing a range of day-to-day office administrative services, such as financial planning, billing and recordkeeping, personnel, and physical distribution and logistics. These establishments are classified in Sector 56, Administrative and Support and Waste Management and Remediation Services.

Data for this sector are shown for establishments of firms subject to Federal income tax and separately of firms which are exempt from Federal income tax under provisions of the Internal Revenue Code.

Many of the "kinds of business or operation" included in this sector are not thought of as commercial businesses and the terms (such as "business," "establishment," and "firm") used to describe them may not be descriptive of such services. However, these terms are applied to all "kinds of business or operation" in order to maintain conformity in the measures of the production and delivery of goods and services and in the presentation of data.

The basic tabulations for this sector do not include data for establishments which are auxiliary (primary function is providing a service, such as warehousing or bookkeeping) to service establishments within the same organization. Data for auxiliaries are presented separately.

GENERAL

A list of reports that provide statistics on sector 54 follows.

Geographic area reports. There is a separate report for each state, the District of Columbia, and the United States. For establishments of firms subject to Federal income tax,

each state report presents general statistics on number of establishments, receipts, payroll, and employment by kind of business for the state, metropolitan areas (MAs), counties, and places with 2,500 inhabitants or more. Greater kind-of-business detail is shown for larger areas. For establishments of firms exempt from Federal income tax, each state report presents statistics on number of establishments, revenue, expenses, payroll, and employment by kind of business, for the state and MAs. Greater kindof-business detail is shown for larger areas.

The United States report presents data for the United States as a whole for establishments with payroll of firms subject to Federal income tax, as well as those exempt from Federal income tax, for detailed kind-of-business classifications.

Sources of receipts or revenue report. This report presents sources of receipts or revenue data for establishments with payroll by kind of business. Data are presented for the United States and states.

Establishment and firm size (including legal form of organization) report. This report presents receipts/revenue, payroll, and employment data for the United States by receipts/revenue size, by employment size, and by legal form of organization for establishments; and receipts/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 with payroll for a variety of industry-specific questions. Presentation of data varies by kind of business.

ZIP Code report. This report presents data for establishments with payroll by United States ZIP Code.

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 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.
- 5. Areas within the state outside metropolitan areas (MAs).
- 6. Counties and county equivalents defined as of January 1, 1997. Counties are the primary divisions of states, except in Louisiana where they are called parishes and in Alaska where they are called boroughs and census areas. Maryland, Missouri, Nevada, and Virginia have one place or more that is independent of any county organization and constitutes primary divisions of their states. These places are treated as counties and as places.
- 7. Consolidated cities defined as of January 1, 1997. Consolidated cities are consolidated governments which consist of separately incorporated municipalities.
- 8. Municipalities of 2,500 inhabitants or more defined as of January 1, 1997. These are areas of significant population incorporated as cities, boroughs, villages, or towns according to the 1990 Census of Population

or subsequent special census. For the economic census, boroughs and census areas in Alaska and boroughs in New York are not included in this category.

9. Special economic urban areas (SEUAs), which include townships in Michigan, New Jersey, and Pennsylvania, and towns in New York, Wisconsin, and the six New England states with 10,000 inhabitants or more (according to the 1990 Census of Population or subsequent special census).

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 Census Bureau conducts the Service Annual Survey (SAS) each year. This survey, while providing more frequent observations, yields less kind-of-business and geographic detail than the economic 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.

Table 1a. Summary Statistics for Firms Subject to Federal Income Tax for the State: 1997

[Includes or	ly establishments with payroll. For meaning of abbreviations and symbols, see in	ntroductory text	. For explanation o	f terms, see Appen	dix A]			
NAICS code	Geographic area and kind of business	Establish-			First-quarter	Paid employees for pay period including	Percent of From adminis-	of receipts-
		(number)	Receipts (\$1,000)	Annual payroll (\$1,000)	payroll (\$1,000)	March 12 (number)	trative records ¹	Estimated ²
	RHODE ISLAND							
54	Professional, scientific, & technical services	2 349	1 418 099	541 537	126 280	14 866	27.4	5.8
541	Professional, scientific, & technical services	2 349	1 418 099	541 537	126 280	14 866	27.4	5.8
5411	Legal services .	746	393 509	143 435	31 467	3 522	34.0	2.7
54111	Öffices of lawyers .	730	383 481	139 570	30 669	3 384	34.4	2.8
541110	Offices of lawyers .	730	383 481	139 570	30 669	3 384	34.4	2.8
541110	Offices of lawyers (except legal aid societies)	730	383 481	139 570	30 669	3 384	34.4	2.8
54119	Other legal services .	16	10 028	3 865	798	138	18.2	.2
541191	Title abstract & settlement offices .	14	D	D	D	c	D	D
541199	All other legal services .	2	D	D	D	a	D	D
5412 54121 541211 541213 541213 541214 541219	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services Offices of certified public accountants Tax return preparation services Payroll services Other accounting services	378 378 240 29 14 95	187 601 187 601 112 991 5 068 D D	84 495 84 495 42 844 1 953 D D	19 422 19 422 9 700 769 D	3 414 3 414 1 338 425 g e	25.9 25.9 35.9 23.6 D D	4.7 4.7 2.8 13.8 D D
5413	Architectural, engineering, & related services	345	310 469	125 609	28 608	3 149	22.9	5.9
54131		75	32 226	12 588	2 730	341	34.7	3.7
541310		75	32 226	12 588	2 730	341	34.7	3.7
54133	Engineering services	204	258 280	104 390	23 948	2 518	20.5	6.4
541330		204	258 280	104 390	23 948	2 518	20.5	6.4
54134	Drafting services	6	D	D	D	a	D	D
541340		6	D	D	D	a	D	D
54135	Building inspection services	8	D	D	D	b	D	D
541350	Building inspection services	8	D	D	D	b	D	D
54137	Surveying & mapping (except geophysical) services	29	6 779	3 075	638	118	40.3	
541370	Surveying & mapping (except geophysical) services	29	6 779	3 075	638	118	40.3	
54138	Testing laboratories	23	11 594	4 959	1 157	141	30.0	4.4
541380	Testing laboratories	23	11 594	4 959	1 157	141	30.0	4.4
5414	Specialized design services .	130	40 587	12 759	2 906	413	60.1	1.8
54141	Interior design services .	36	15 388	4 755	1 202	173	63.2	1.3
541410	Interior design services .	36	15 388	4 755	1 202	173	63.2	1.3
54142	Industrial design services	8	2 907	451	98	10	57.9	
541420	Industrial design services	8	2 907	451	98	10	57.9	
54143	Graphic design services .	80	21 686	7 376	1 573	218	57.9	2.0
541430	Graphic design services .	80	21 686	7 376	1 573	218	57.9	2.0
5414301	Graphic design services (except commercial art & medical artists)	68	20 095	6 636	1 341	196	58.5	1.5
5414302	Commercial art .	12	1 591	740	232	22	51.5	7.2
54149	Other specialized design services	6	606	177	33	12	70.1	19.3
541490	Other specialized design services	6	606	177	33	12	70.1	19.3
5415	Computer systems design & related services	245	216 167	73 394	20 832	1 633	15.0	10.5
54151		245	216 167	73 394	20 832	1 633	15.0	10.5
541511		103	32 389	15 450	3 394	342	52.7	19.6
541512		112	101 194	39 274	8 735	766	13.4	14.2
5415121		42	71 400	26 135	5 986	503	8.9	11.7
5415122		70	29 794	13 139	2 749	263	24.2	20.1
541513		9	70 473	15 076	7 325	478	.6	2.9
541519		21	12 111	3 594	1 378	47	11.1	-
5416 54161 541611	Management, scientific, & technical consulting services Management consulting services Administrative management & general management consulting	242 193	100 694 78 957	43 955 35 943	9 734 8 379	1 111 921	34.6 35.2	14.5 10.6
541611 541612 5416121 5416122 5416123 541613 541614 541618	Administrative management & general management consulting service Human resources & executive search consulting services Actuarial consulting Executive placement services Human resources & personnel management consulting Marketing consulting services Process, physical distribution, & logistics consulting services Other management consulting services	80 59 25 32 40 10 4	25 688 35 049 D 19 579 11 303 D D	11 312 19 123 D 9 378 4 030 D D	2 933 4 280 D 1 942 782 D D	218 545 b e 189 103 b a	23.7 45.7 D 38.7 45.6 D	21.7 4.1 D .3 7.4 D
54162	Environmental consulting services	19	D	D	D	c	D	D
541620	Environmental consulting services	19	D	D	D	c	D	D
54169	Other scientific & technical consulting services	30	D	D	D	b	D	D
541690	Other scientific & technical consulting services	30	D	D	D	b	D	D
5417	Scientific research & development services	29	42 564	23 325	6 027	534	1.4	5.6
54171	R&D in the physical, engineering, & life sciences	23	40 049	22 059	5 750	506	1.2	5.9
541710	R&D in the physical, engineering, & life sciences	23	40 049	22 059	5 750	506	1.2	5.9
5417101	R&D in the physical & engineering sciences	16	17 956	6 042	1 433	135	2.4	2.9
5417101	Research & development in the life sciences	7	22 093	16 017	4 317	371	.3	8.3
54172	Research & development in the social sciences & humanities	6	2 515	1 266	277	28	4.8	1.4
541720	R&D in the social sciences & humanities	6	2 515	1 266	277	28	4.8	1.4

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

See footnotes at end of table.

						Paid employees	Percent c	of receipts-
NAICS code	Geographic area and kind of business	Establish- ments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	for pay period including March 12 (number)	From adminis- trative records ¹	Estimated ²
	RHODE ISLAND-Con.							
54	Professional, scientific, & technical services-Con.							
541	Professional, scientific, & technical services-Con.							
5418 54181 541810	Advertising & related services	132 52 52	90 521 40 992 40 992	24 301 14 730 14 730	5 073 3 108 3 108	635 329 329	37.3 29.8 29.8	3.9 5.2 5.2
54182 541820	Public relations agencies Public relations agencies	19 19	4 551 4 551	1 382 1 382	364 364	46 46	39.9 39.9	11.4 11.4
54183 541830	Media buying services	4 4	4 670 4 670	1 156 1 156	276 276	23 23	70.2 70.2	
54184 541840 5418401 5418402	Media representatives Media representatives Radio & television advertising representatives Publishers' advertising representatives	7 7 3 4	2 216 2 216 D D	748 748 D D	174 174 D D	28 28 b a	7.3 7.3 D D	8.5 8.5 D D
54185 541850 5418501 5418502	Display advertising . Display advertising . Display advertising (except outdoor). Outdoor advertising services	7 7 2 5	ם ם ם	D D D	D D D	b b a b	D D D	D D D
54186 541860	Direct mail advertising	6 6	D D	D D	D D	b b	D D	D D
54189 541890 5418902 5418903 5418909	Other services related to advertising Other services related to advertising Advertising specialties goods distributor Sign painting & lettering shop. All other advertising	37 37 19 14 4	D D 17 727 D D	D D 2 969 D D	D D 468 D D	с с 78 b а	D D 54.4 D D	D D D D
5419 54191 541910	Other professional, scientific, & technical services Marketing research & public opinion polling Marketing research & public opinion polling	102 11 11	35 987 9 027 9 027	10 264 2 207 2 207	2 211 439 439	455 69 69	27.8 19.0 19.0	2.9 5.1 5.1
54192 541921 541922	Photographic services	79 57 22	21 822 16 767 5 055	5 908 4 679 1 229	1 222 922 300	325 286 39	31.1 33.9 21.9	2.1 2.1 2.0
54193 541930	Translation & interpretation services	2 2	D D	D D	D D	a	D D	D D
54199 541990	All other professional, scientific, & technical services All other professional, scientific, & technical services	10 10	D D	D D	D D	b b	D D	D D

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

¹Includes receipts information obtained from administrative records of other Federal agencies. ²Includes receipts information which was imputed based on historic company ratios or administrative records, or on industry averages.

Table 1b. Summary Statistics for Firms Exempt From Federal Income Tax 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]

							Paid employees	Percent c	of revenue-
NAICS code	Geographic area and kind of business	Establish- ments (number)	Revenue (\$1,000)	Expenses (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	for pay period including March 12 (number)	From adminis- trative records ¹	Estimated ²
	RHODE ISLAND								
54	Professional, scientific, & technical services	28	20 175	19 718	9 551	2 066	195	11.1	10.1
541	Professional, scientific, & technical services	28	20 175	19 718	9 551	2 066	195	11.1	10.1
5411 54111 541110 5411102	Legal services Öffices of lawyers Offices of lawyers Legal aid societies & similar legal services	12 12 12 12	3 726 3 726 3 726 3 726 3 726	3 503 3 503 3 503 3 503 3 503	2 242 2 242 2 242 2 242 2 242	556 556 556 556	67 67 67 67	9.6 9.6 9.6 9.6	20.6 20.6 20.6 20.6
5417 54171 541710 5417101 5417102	Scientific research & development services R&D in the physical, engineering, & life sciences R&D in the physical, engineering, & life sciences R&D in the physical & engineering sciences Research & development in the life sciences	16 11 11 3 8	16 449 12 831 12 831 D D	16 215 12 212 12 212 12 212 D D	7 309 5 707 5 707 D D	1 510 1 170 1 170 D D	128 74 74 b b	11.5 9.3 9.3 D D	7.7 8.9 8.9 D D
54172 541720	Research & development in the social sciences & humanities	5 5	3 618 3 618	4 003 4 003	1 602 1 602	340 340	54 54	19.3 19.3	3.3 3.3

¹Includes revenue information obtained from administrative records of other Federal agencies. ²Includes revenue information which was imputed based on historic company ratios or administrative records, or on industry averages.

Table 2a. Summary Statistics for Firms Subject to Federal Income Tax 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]

MSAS, and	PMSAs), see Appendix E							
						Paid employees	Percent o	f receipts-
NAICS code	Geographic area and kind of business	Fatabliab			First sugrtar	for pay period	From	
		Establish- ments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	including March 12 (number)	adminis- trative records1	Estimated ²
	NEW LONDON-NORWICH, CT-RI MSA							
54	Professional, scientific, & technical services	556	389 693	175 506	39 303	4 338	25.5	9.3
541	Professional, scientific, & technical services	556	389 693	175 506	39 303	4 338	25.5	9.3
5411		182	81 244	36 481	7 854	958	33.5	7.4
54111	Offices of lawyers .	181	D	D	D	f	D	D
541110	Offices of lawyers .	181	D	D	D	f	D	D
5411101	Offices of lawyers (except legal aid societies)	181	D	D	D	f	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	76	23 178	8 679	2 137	494	37.4	3.5
54121	Accounting, tax return prep, bookkeeping, & payroll services	76	23 178	8 679	2 137	494	37.4	3.5
541211	Offices of certified public accountants	48	18 919	7 467	1 720	249	34.6	4.1
541213	Tax return preparation services	13	D	D	D	c	D	D
5413	Architectural, engineering, & related services	122	193 107	97 101	22 267	2 097	16.7	5.3
54133		85	178 217	90 400	20 933	1 933	15.1	5.1
541330		85	178 217	90 400	20 933	1 933	15.1	5.1
54137	Surveying & mapping (except geophysical) services	10	3 190	1 353	273	36	18.4	4.3
541370	Surveying & mapping (except geophysical) services	10	3 190	1 353	273	36	18.4	4.3
5414	Specialized design services	20	D	D	D	b	D	D
54143	Graphic design services	8	D	D	D	a	D	D
541430	Graphic design services	8	D	D	D	a	D	D
5415	Computer systems design & related services	46	33 238	13 041	2 917	250	25.0	25.2
54151		46	33 238	13 041	2 917	250	25.0	25.2
541511		16	9 639	6 623	1 530	114	15.4	74.6
541512		26	23 189	6 263	1 353	130	28.8	4.9
541512		18	21 319	5 423	1 250	117	24.3	5.3
5416 54161 541611	Management, scientific, & technical consulting services Management consulting services Administrative management & general management consulting	58 44	31 240 16 247	11 894 7 316	2 515 1 222	237 129	37.4 50.4	31.4 7.3
541612 541613	service	20 9 10	6 416 D D	3 708 D D	622 D D	59 b b	30.8 D D	2.9 D D
54169	Other scientific & technical consulting services	10	D	D	D	b	D	D
541690	Other scientific & technical consulting services	10	D	D	D	b	D	D
5417	Scientific research & development services	10	D	D	D	b	D	D
5418	Advertising & related services	25	8 869	1 755	350	70	44.4	5.5
54189	Other services related to advertising	8	3 968	566	83	22	71.1	3.1
541890	Other services related to advertising	8	3 968	566	83	22	71.1	3.1
5419	Other professional, scientific, & technical services	17	D	D	D	с	D	D
54192	Photographic services	14	6 055	2 024	377	120	14.1	6.0
541921	Photographic studios, portrait	13	D	D	D	b	D	D
	PROVIDENCE-FALL RIVER-WARWICK, RI-MA MSA							
54	Professional, scientific, & technical services	2 437	1 260 966	486 958	109 137	13 659	32.9	6.1
541	Professional, scientific, & technical services	2 437	1 260 966	486 958	109 137	13 659	32.9	6.1
5411		807	406 255	148 985	32 458	3 669	34.4	3.2
54111	Öffices of lawyers .	791	396 711	145 052	31 645	3 528	34.9	3.3
541110	Offices of lawyers .	791	396 711	145 052	31 645	3 528	34.9	3.3
5411101	Offices of lawyers (except legal aid societies)	791	396 711	145 052	31 645	3 528	34.9	3.3
54119	Other legal services	16	9 544	3 933	813	141	11.7	.2
541191	Title abstract & settlement offices	14	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	409	194 736	87 494	20 026	3 504	27.8	4.3
54121	Accounting, tax return prep, bookkeeping, & payroll services	409	194 736	87 494	20 026	3 504	27.8	4.3
541211	Offices of certified public accountants	255	119 532	45 668	10 246	1 395	37.4	2.5
541213	Tax return preparation services	36	5 567	2 175	813	460	35.6	11.6
541214	Payroll services	15	48 998	30 744	6 985	1 228	3.2	1.2
541219	Other accounting services	103	20 639	8 907	1 982	421	28.4	19.3
5413	Architectural, engineering, & related services	333	219 346	85 269	19 488	2 164	34.8	9.2
54131	Architectural services	72	30 822	11 690	2 500	327	38.8	3.7
541310	Architectural services	72	30 822	11 690	2 500	327	38.8	3.7
54133	Engineering services	193	167 510	64 575	14 987	1 526	34.2	10.9
541330		193	167 510	64 575	14 987	1 526	34.2	10.9
54135 541350	Building inspection services	777	1 802 1 802	669 669	142 142	26 26	19.5 19.5	
54137	Surveying & mapping (except geophysical) services	31	6 976	3 186	663	134	39.3	3.1
541370	Surveying & mapping (except geophysical) services	31	6 976	3 186	663	134	39.3	3.1
54138	Testing laboratories	23	11 601	4 979	1 161	142	30.7	4.4
541380		23	11 601	4 979	1 161	142	30.7	4.4
5414	Specialized design services	127	39 423	12 811	2 779	418	61.7	1.2
54141	Interior design services	34	15 336	4 922	1 224	181	63.0	1.3
541410	Interior design services	34	15 336	4 922	1 224	181	63.0	1.3
54143	Graphic design services	80	21 723	7 510	1 491	221	57.5	1.3
541430	Graphic design services	80	21 723	7 510	1 491	221	57.5	1.3
5414301	Graphic design services (except commercial art & medical artists)	67	19 902	6 752	1 342	193	57.0	.9
5415	Computer systems design & related services	244	126 601	50 672	11 479	1 047	27.0	8.6
54151		244	126 601	50 672	11 479	1 047	27.0	8.6
541511 541512 5415121 5415122 5415122 541519	Custom computer programming services Computer systems design services Computer systems integrators Computer systems consultants (except systems integrators)	104 108 38 70 25	64 727 35 971 28 756 12 866	24 999 12 928 12 071 3 788	5 489 3 011 2 478 1 427	e 480 240 240	27.0 D 23.7 20.6 27.6 15.5	D 9.9 4.3 16.8
	Other computer related services	- 20		3 / 00	1 427	56	10.0	.8

See footnotes at end of table.

Table 2a. Summary Statistics for Firms Subject to Federal Income Tax 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]

	PMSAS), see Appendix Ej					Paid employees	Percent c	f receipts-
NAICS code	Geographic area and kind of business	Establish- ments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	for pay period including March 12 (number)	From adminis- trative records ¹	Estimated ²
	PROVIDENCE-FALL RIVER-WARWICK, RI-MA MSA-Con.							
54	Professional, scientific, & technical services-Con.							
541	Professional, scientific, & technical services-Con.							
5416 54161 541611	Management, scientific, & technical consulting services Management consulting services Administrative management & general management consulting	255 203	113 112 87 128	48 023 37 809	10 677 8 907	1 242 1 014	33.4 34.6	15.6 13.0
541612 5416122 5416123 541613 541613 541614	service	86 56 24 30 43 13	27 336 34 657 D 19 710 15 036 9 327	12 091 18 758 D 9 319 4 492 2 235	3 165 4 233 D 1 950 888 572	254 538 e 186 126 89	26.5 46.2 D 41.2 36.9 13.6	19.7 4.2 D .3 27.7 3.7
54162 541620	Environmental consulting services Environmental consulting services	22 22	15 899 15 899	5 895 5 895	876 876	112 112	25.5 25.5	37.1 37.1
54169 541690	Other scientific & technical consulting services Other scientific & technical consulting services	30 30	10 085 10 085	4 319 4 319	894 894	116 116	35.6 35.6	3.9 3.9
5417 54171 541710 5417102	Scientific research & development services R&D in the physical, engineering, & life sciences R&D in the physical, engineering, & life sciences Research & development in the life sciences	23 18 18 7	D D D	D D D D		e e e	D D D	D D D
5418 54181 541810	Advertising & related services	138 54 54	100 243 43 211 43 211	26 002 15 247 15 247	5 493 3 264 3 264	751 349 349	39.8 35.6 35.6	3.7 4.9 4.9
54182 541820	Public relations agencies Public relations agencies	19 19	5 077 5 077	1 472 1 472	385 385	48 48	52.7 52.7	6.2 6.2
54185 541850 5418502	Display advertising Display advertising Outdoor advertising services	9 9 7	14 142 14 142 D	2 104 2 104 D	443 443 D	60 60 b	16.4 16.4 D	6.4 6.4 D
54189 541890 5418902 5418903	Other services related to advertising Other services related to advertising Advertising specialties goods distributor Sign painting & lettering shop	37 37 21 12	D D 22 214 D	D D 3 629 D	D D 624 D	с с 158 b	D D 43.4 D	D D D
5419 54192 541921 541922	Other professional, scientific, & technical services Photographic services Photographic studios, portrait Commercial photography	101 80 59 21	D 22 221 D D	6 208 D D	D 1 242 D D	e 341 e b	D 28.0 D D	D 1.2 D
54199 541990	All other professional, scientific, & technical services All other professional, scientific, & technical services	10 10	D D	D D	D D	b b	D D	D D
	AREA OUTSIDE RHODE ISLAND METROPOLITAN AREAS							
54	Professional, scientific, & technical services	183	243 873	88 339	24 487	2 268	9.3	7.3
541	Professional, scientific, & technical services	183	243 873	88 339	24 487	2 268	9.3	7.3
5411 54111 541110 5411101	Legal services Offices of lawyers Offices of lawyers Offices of lawyers	41 40 40 40	14 866 D D D	4 222 D D D	846 D D D	141 c c	45.3 D D D	2.3 D D D
5412 54121 541211 541219	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services Offices of certified public accountants Other accounting services	22 22 9 10	ם ם ם	D D D D	ם ם ם	с с b	D D D	D D D
5413 54133 541330	Architectural, engineering, & related services . Engineering services . Engineering services .	39 30 30	97 208 D D	47 094 D D	10 881 D D	1 129 g g	4.4 D D	2.9 D D
5414	Specialized design services	12	D	D	D	b	D	D
5415 54151 541512 5415121	Computer systems design & related services	29 29 17 8	ם ם ם		ם ם ם	f f e	D D D	D D D
5417 54171 541710	Scientific research & development services R&D in the physical, engineering, & life sciences R&D in the physical, engineering, & life sciences	7 6 6	D D D	D D D	D D D	c b	D D D	D D D
5418	Advertising & related services	7	D	D	D	а	D	D
5419 54192 541921	Other professional, scientific, & technical services Photographic services Photographic studios, portrait	12 9 8	D D D	D D D	D D D	b a a	D D D	D D D

¹Includes receipts information obtained from administrative records of other Federal agencies. ²Includes receipts information which was imputed based on historic company ratios or administrative records, or on industry averages.

Table 2b. Summary Statistics for Firms Exempt From Federal Income Tax 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]

							Paid	Percent o	of revenue-
NAICS code	Geographic area and kind of business	Establish- ments (number)	Revenue (\$1,000)	Expenses (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	employees for pay period including March 12 (number)	From adminis- trative records ¹	Estimated ²
	NEW LONDON-NORWICH, CT-RI MSA								
54	Professional, scientific, & technical services	4	D	D	D	D	b	D	D
541	Professional, scientific, & technical services	4	D	D	D	D	b	D	D
	PROVIDENCE-FALL RIVER-WARWICK, RI-MA MSA								
54	Professional, scientific, & technical services	29	20 385	19 899	9 651	2 090	200	11.0	10.0
541	Professional, scientific, & technical services	29	20 385	19 899	9 651	2 090	200	11.0	10.0
5411 54111 541110 541110	Legal services Offices of lawyers Offices of lawyers Legal aid societies & similar legal services	13 13 13 13	3 936 3 936 3 936 3 936 3 936	3 684 3 684 3 684 3 684 3 684	2 342 2 342 2 342 2 342 2 342	580 580 580 580	72 72 72 72	9.0 9.0 9.0 9.0	19.5 19.5 19.5 19.5
5417	Scientific research & development services	16	16 449	16 215	7 309	1 510	128	11.5	7.7
	AREA OUTSIDE RHODE ISLAND METROPOLITAN AREAS								
54	Professional, scientific, & technical services	1	D	D	D	D	а	D	D

¹Includes revenue information obtained from administrative records of other Federal agencies. ²Includes revenue information which was imputed based on historic company ratios or administrative records, or on industry averages.

Table 3. Summary Statistics for Firms Subject to Federal Income Tax for Counties: 1997

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas followed by *, see Appendix D]

						Paid employees	Percent o	f receipts-
NAICS code	Geographic area and kind of business	Establish- ments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	for pay period including March 12 (number)	From adminis- trative records ¹	Estimated ²
	BRISTOL COUNTY, RI							
54	Professional, scientific, & technical services	59	13 548	3 544	743	141	66.6	2.6
541	Professional, scientific, & technical services	59	13 548	3 544	743	141	66.6	2.6
5413	Architectural, engineering, & related services	17	4 015	1 563	344	50	83.8	3.2
5414	Specialized design services	7	2 318	269	45	8	87.9	-
5418 54189 541890	Advertising & related services Other services related to advertising Other services related to advertising	5 2 2	2 772 D D	273 D D	68 D D	15 a a	26.1 D D	D D
	KENT COUNTY, RI							
54	Professional, scientific, & technical services	392	151 467	52 270	11 299	1 573	42.3	6.2

See footnotes at end of table.

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas followed by *, see Appendix D]

see Apper	נט אנא ו							
NAICS code	Geographic area and kind of business	Establish-			First quarter	Paid employees for pay period including	Percent o From adminis-	of receipts-
		(number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	March 12 (number)	trative records ¹	Estimated ²
	KENT COUNTY, RI-Con.							
54	Professional, scientific, & technical services-Con.							
541	Professional, scientific, & technical services	392	151 467	52 270	11 299	1 573	42.3	6.2
5411	Legal services .	110	32 585	9 103	1 999	325	56.2	1.6
54111	Offices of lawyers .	107	D	D	D	e	D	D
541110	Offices of lawyers .	107	D	D	D	e	D	D
541110	Offices of lawyers (except legal aid societies) .	107	D	D	D	e	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	78	21 918	8 864	1 892	350	53.2	9.9
54121	Accounting, tax return prep, bookkeeping, & payroll services	78	21 918	8 864	1 892	350	53.2	9.9
541211	Offices of certified public accountants	48	13 677	5 299	1 152	189	62.6	.4
541219	Other accounting services	22	D	D	D	c	D	D
5413	Architectural, engineering, & related services Engineering services	48	27 240	9 872	2 086	258	44.9	17.1
54133		34	17 415	5 735	1 211	138	48.0	26.7
541330		34	17 415	5 735	1 211	138	48.0	26.7
5414	Specialized design services	11	4 858	2 500	595	70	16.3	
54141	Interior design services .	4	3 410	1 840	451	44	8.8	
541410	Interior design services	4	3 410	1 840	451	44	8.8	
54143 541430	Graphic design services	7 7	1 448 1 448	660 660	144 144	26 26	34.0 34.0	-
5415	Computer systems design & related services	48	24 162	11 553	2 645	201	25.2	4.8
54151	Computer systems design & related services	48	24 162	11 553	2 645	201	25.2	4.8
541512	Computer systems design services	28	19 815	9 035	2 064	119	22.8	5.6
5415121	Computer systems integrators	10	D	D	D	b	D	D
5415122	Computer systems consultants (except systems integrators)	18	D	D	D	b	D	D
5416	Management, scientific, & technical consulting services	41	13 076	3 986	715	111	46.2	3.0
54161	Management consulting services	33	10 817	3 572	622	94	35.3	3.4
5418 54181 541810	Advertising & related services . Advertising agencies . Advertising agencies .	20 7 7	18 171 D D	4 208 D D	879 D D	114 b b	40.9 D D	D D
54189	Other services related to advertising	6	D	D	D	a	D	D
541890	Other services related to advertising	6	D	D	D	a	D	D
5419	Other professional, scientific, & technical services	33	D	D	D	с	D	D
54192	Photographic services	29	6 177	1 579	334	115	22.9	1.6
541921	Photographic studios, portrait	23	4 497	1 276	271	105	29.4	-
	NEWPORT COUNTY, RI							
54	Professional, scientific, & technical services	235	256 079	92 368	25 368	2 401	12.0	7.0
541	Professional, scientific, & technical services	235	256 079	92 368	25 368	2 401	12.0	7.0
5411 54111 541110 5411101	Legal services . Offices of lawyers . Offices of lawyers . Offices of lawyers (except legal aid societies)	47 45 45 45	17 082 D D	4 760 D D D	980 D D D	164 c c c	52.3 D D D	.9 D D D
5412	Accounting, tax return prep, bookkeeping, & payroll services	25	6 437	2 569	631	122	23.3	16.0
54121	Accounting, tax return prep, bookkeeping, & payroll services	25	6 437	2 569	631	122	23.3	16.0
541211	Offices of certified public accountants	12	4 344	1 681	417	68	10.0	8.8
541219	Other accounting services	10	1 923	816	188	49	49.9	30.4
5413	Architectural, engineering, & related services .	55	102 986	49 370	11 377	1 185	7.1	2.8
54133	Engineering services .	41	99 205	47 658	11 042	1 142	6.3	2.8
541330	Engineering services .	41	99 205	47 658	11 042	1 142	6.3	2.8
5414	Specialized design services	18	5 660	779	287	34	69.2	4.1
54143		9	1 473	274	163	12	56.7	15.9
541430		9	1 473	274	163	12	56.7	15.9
5415	Computer systems design & related services .	39	98 147	26 365	10 095	671	2.8	12.7
54151	Computer systems design & related services .	39	98 147	26 365	10 095	671	2.8	12.7
541512	Computer systems design services .	19	D	D	D	e	D	D
5415121	Computer systems integrators .	9	37 008	13 662	3 078	273	.5	18.8
5416	Management, scientific, & technical consulting services	23	3 574	1 349	244	47	53.4	15.0
54161	Management consulting services	18	3 047	1 142	206	27	59.6	11.7
5417	Scientific research & development services	7	D	D	D	c	D	D
54171	R&D in the physical, engineering, & life sciences	6	D	D	D	b	D	D
541710	R&D in the physical, engineering, & life sciences	6	D	D	D	b	D	D
5418	Advertising & related services	8	1 931	540	111	15	43.3	1.3
5419	Other professional, scientific, & technical services	13	D	D	D	b	D	D
54192	Photographic services	10	D	D	D	a	D	D
541921	Photographic studios, portrait	9	1 985	325	86	16	81.8	6.8

See footnotes at end of table.

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas followed by *, see Appendix D]

see Apper								
NAICS code	Geographic area and kind of business	Establish- ments	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	From adminis- trative records ¹	of receipts –
	PROVIDENCE COUNTY, RI	(number)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	records	Estimated
54	Professional, scientific, & technical services Professional, scientific, & technical services	1 419	888 039	345 943	78 354	8 957	28.5	5.7
541		1 419	888 039	345 943	78 354	8 957	28.5	5.7
5411	Legal services	525	327 375	125 588	27 571	2 869	29.1	2.8
54111	Offices of lawyers .	517	320 090	122 377	26 931	2 757	29.5	2.8
541110	Offices of lawyers .	517	320 090	122 377	26 931	2 757	29.5	2.8
5411101	Offices of lawyers (except legal aid societies) .	517	320 090	122 377	26 931	2 757	29.5	2.8
54119	Other legal services	8	7 285	3 211	640	112	8.0	_
541191	Title abstract & settlement offices	7	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	231	129 196	48 581	11 346	1 792	24.1	4.1
54121	Accounting, tax return prep, bookkeeping, & payroll services	231	129 196	48 581	11 346	1 792	24.1	4.1
541211 541213 541214	Offices of certified public accountants Tax return preparation services Payroll services	155 16 8	89 249 D D	33 529 D D	7 562 D D D	989 e c	31.9 D D	2.6 D D D
541219 5413	Other accounting services	52 170	D 148 288	D 56 093	D 12 942	с 1 420	27.8	5.9
54131	Architectural services.	52	24 579	9 357	2 105	250	37.0	3.0
541310		52	24 579	9 357	2 105	250	37.0	3.0
54133	Engineering services	81	113 364	42 108	9 802	1 005	25.8	6.7
541330		81	113 364	42 108	9 802	1 005	25.8	6.7
54137 541370	Surveying & mapping (except geophysical) services	18 18	4 185 4 185	1 880 1 880	405 405	82 82	36.8 36.8	
5414	Specialized design services .	87	26 708	8 896	1 909	287	65.5	1.4
54141	Interior design services .	21	8 359	2 618	688	110	70.3	2.3
541410	Interior design services .	21	8 359	2 618	688	110	70.3	2.3
54143	Graphic design services	58	17 428	6 065	1 190	170	62.0	1.1
541430	Graphic design services	58	17 428	6 065	1 190	170	62.0	1.1
5414301	Graphic design services (except commercial art & medical artists)	50	16 377	5 577	1 096	154	62.8	.5
5415	Computer systems design & related services	128	76 983	30 840	7 096	667	26.5	11.5
54151	Computer systems design & related services	128	76 983	30 840	7 096	667	26.5	11.5
541511	Custom computer programming services	57	D	D	D	c	D	D
541512	Computer systems design services	52	27 410	11 732	2 521	257	25.2	17.9
5415122	Computer systems consultants (except systems integrators)	34	17 683	8 353	1 742	154	18.0	26.1
541519	Other computer related services	14	D	D	D	b	D	D
5416 54161 541611	Management, scientific, & technical consulting services Management consulting services Administrative management & general management consulting	131 107	69 460 55 447	33 594 28 265	7 749 7 038	813 730	26.8 26.6	18.3 11.9
541612 5416122	service Human resources & executive search consulting services Executive placement services	44 30 14	19 459 25 521 D	9 154 15 908 D	2 554 3 728 D	165 460 c	13.2 30.2 D	24.1 5.5 D
5416123 541613	Human resources & personnel management consulting Marketing consulting services	14 25	DD	DDD	D	c b	DDD	DDD
54162	Environmental consulting services	9	9 374	3 636	338	40	14.0	62.7
541620	Environmental consulting services	9	9 374	3 636	338	40	14.0	62.7
54169	Other scientific & technical consulting services	15	4 639	1 693	373	43	54.9	4.7
541690	Other scientific & technical consulting services	15	4 639	1 693	373	43	54.9	4.7
5417 54171 541710 5417102	Scientific research & development services	12 10 10 4	D D D	D D D	D D D	e e e	D D D	D D D
5418	Advertising & related services .	88	64 552	18 502	3 847	461	37.5	5.0
54181	Advertising agencies .	38	29 712	11 190	2 393	253	39.6	7.1
541810	Advertising agencies .	38	29 712	11 190	2 393	253	39.6	7.1
54185 541850 5418502	Display advertising Display advertising Outdoor advertising services	6 6 5	D D D	D D D	D D D	b b	D D D	D D D
54189 541890 5418902 5418903	Other services related to advertising Other services related to advertising Advertising specialties goods distributor Sign painting & lettering shop	23 23 12 8	ם ם ם	D D D		b b a	D D D	D D D
5419	Other professional, scientific, & technical services	47	D	D	D	e	D	D
54192	Photographic services	35	12 791	3 850	770	187	26.2	1.4
541921	Photographic studios, portrait	22	9 935	3 042	558	162	24.5	1.8
541922	Commercial photography	13	2 856	808	212	25	32.2	-
54199	All other professional, scientific, & technical services	7	4 363	2 005	521	55	28.5	2.5
541990		7	4 363	2 005	521	55	28.5	2.5
	e footnotes at end of table.							

See footnotes at end of table.

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas followed by *, see Appendix D]

		1	1		1		
					Paid	Percent c	of receipts-
Geographic area and kind of business					for pay period	From	
	Establish-	Receipte		First-quarter	including	adminis-	
	(number)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	records ¹	Estimated ²
WASHINGTON COUNTY, RI							
Professional, scientific, & technical services	244	108 966	47 412	10 516	1 794	29.8	4.4
Professional, scientific, & technical services	244	108 966	47 412	10 516	1 794	29.8	4.4
Legal services	58	15 539	3 694	844	151	67.1	5.8 D
Offices of lawyers	57	Ď	D	D	c	D	D
Offices of lawyers (except legal aid societies)		5			с	0	D
Accounting, tax return prep, bookkeeping, & payroll services					1 122		.9 .9
Offices of certified public accountants	22 4	5 392 D	2 268 D	556 D	85 f	55.1 D	4.7 D
Architectural, engineering, & related services	55	27 940	8 711	1 859	236	24.7	6.7
Engineering services	36	24 566 24 566	7 403 7 403	1 566	186	24.4 24.4	6.0 6.0
Computer systems design & related services	23	15 854	4 260	936	89	15.8	1.7
Computer systems design & related services	23 10	15 854 D	4 260 D	936 D	89 b	15.8 D	1.7 D
Management, scientific, & technical consulting services	40	13 519	4 663	964	126	55.2	7.4
Management consulting services	28 9	8 581 5 619	2 601	451	56 35	76.9 92.9	11.7
Human resources & personnel management consulting	6	4 399	979	201	15	90.9	-
Environmental consulting services Environmental consulting services	6 6	4 171 4 171	1 789 1 789	447 447	61 61	10.0 10.0	
Advertising & related services	11	3 095	778	168	30	18.9	7.9
Other services related to advertising	4	D	D	D	a	D	D
	WASHINGTON COUNTY, RI Professional, scientific, & technical services Professional, scientific, & technical services Professional, scientific, & technical services Diffices of lawyers Offices of lawyers Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services Offices of certified public accountants Payroll services Engineering services Engineering services Computer systems design & related services Computer systems design & related services Computer systems design services Management, scientific, & technical consulting services Human resources & executive search consulting services Human resources & executive search consulting services Human resources & executives Environmental consulting services Environmental consulting services Advertising & relat	WASHINGTON COUNTY, RI Professional, scientific, & technical services 244 Professional, scientific, & technical services 244 Legal services 58 Offices of lawyers 57 Offices of lawyers (except legal aid societies) 57 Offices of lawyers (except legal aid societies) 57 Offices of lawyers (except legal aid societies) 57 Accounting, tax return prep, bookkeeping, & payroll services 38 Accounting, tax return prep, bookkeeping, & payroll services 38 Offices of certified public accountants 22 Payroll services 36 Engineering services 36 Computer systems design & related services 23 Computer systems design & related services 23 Computer systems design & related services 38 Human resources & executive search consulting services 9 Human resources & executive search consulting services 9 Human resources & executive search consulting services 6 Environmental consulting services 6 Advertising & related services 6 Advertising & related services 6 Advertisi	Establishments Receipts WASHINGTON COUNTY, RI (\$1,000) WASHINGTON COUNTY, RI 244 Professional, scientific, & technical services 244 Professional, scientific, & technical services 244 Professional, scientific, & technical services 58 Professional, scientific, & technical services 58 Offices of lawyers 57 Offices of lawyers (except legal aid societies) 57 Offices of lawyers (except legal aid societies) 57 Offices of lawyers (except legal aid societies) 57 Accounting, tax return prep, bookkeeping, & payroll services 38 29 377 Accounting, tax return prep, bookkeeping, & payroll services 38 21 5392 Payroll services 55 27 940 Engineering services 36 24 56 Computer systems design & related services 23 Computer systems design & related services 23 Management, scientific, & technical consulting services 9 Management, scientific, & technical consulting services 9 9 6 <td>Establishments (number)Receipts (\$1,000)Annual payroll (\$1,000)WASHINGTON COUNTY, RI(\$1,000)Professional, scientific, & technical services244108 96647 412Professional, scientific, & technical services244108 96647 412Legal services5815 5393 694Offices of lawyers57DDOffices of lawyers57DDOffices of lawyers57DDOffices of lawyers57DDOffices of lawyers57DDOffices of lawyers57DDOffices of lawyers225 3922 268Offices of certified public accountants225 3922 268Offices of certified public accountants225 3922 266Payroll services3624 5667 403Computer systems design & related services2315 8544 260Computer systems design & related services2315 8544 260Computer systems design & related services2315 8544 260Computer systems design & related services288 5812 601Human resources & executive search consulting services95 6131 357Human resources & executive search consulting services64 1711 789Advertising & related to advertising4DDD</td> <td>Establishments ments (number)Receipts Receipts (\$1,000)First-quarter payroll (\$1,000)WASHINGTON COUNTY, RI108 96647 41210 516Professional, scientific, & technical services244108 96647 41210 516Professional, scientific, & technical services5815 5393 694844Offices of lawyers57DDDDOffices of lawyers57DDDDOffices of lawyers57DDDDAccounting, tax return prep, bookkeeping, & payroll services3829 37724 2365 500Accounting, tax return prep, bookkeeping, & payroll services3829 37724 2365 500Accounting, tax return prep, bookkeeping, & payroll services3829 37724 2365 500Accounting tax return prep, bookkeeping, & payroll services3829 37724 2365 500Accounting tax return prep, bookkeeping, & payroll services215 3922 268556Payroll services3624 5667 4031 566Computer systems design & related services2315 8544 260936Computer systems design & related services2315 8544 260936Computer systems design services288 5812 601451Human resources & executive search consulting services288 5812 601451Human resources & personnel management consulting services64</td> <td>Geographic area and kind of businessEstablishments mentsReceipts (number)Annual payrollemployees for pay period (\$1,000)WASHINGTON COUNTY, RIProfessional, scientific, & technical services244108 96647 41210 5161 794Professional, scientific, & technical services244108 96647 41210 5161 794Legal services5815 5393 694844151Offices of lawyers57DDDcOffices of lawyers57DDDcAccounting, tax return prep, bookkeeping, & payroll services3829 37724 2365 5001 122Offices of carriering services3624 5667 4031 566186Engineering services3624 5667 4031 566186Payroll services3624 5667 4031 566186Computer systems design & related services2315 8544 26039689Computer systems design & related services2315 8544 26039689Computer systems design & related services2315 8544 26039689Computer systems design & related services2413 5194 663964126Management consulting services2413 5194 663964126Management consulting services2413 5194 663964126Management consulting services243515715<t< td=""><td>Geographic area and kind of business Establishments (number) Receipts (\$1,000) Annual payroll (\$1,000) First-quarter payroll (\$1,000) First-quarter payroll (\$1,000) First-quarter payroll (\$1,000) First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll Annual payroll First-quarter payroll First-quarter payroll Annual payroll First-quarter payroll First-quarter payroll Annual payroll First-quarter payroll First-quarter payroll Annual payroll First-quarter payroll First-quarter pa</br></br></br></br></br></td></t<></td>	Establishments (number)Receipts (\$1,000)Annual payroll (\$1,000)WASHINGTON COUNTY, RI(\$1,000)Professional, scientific, & technical services244108 96647 412Professional, scientific, & technical services244108 96647 412Legal services5815 5393 694Offices of lawyers57DDOffices of lawyers57DDOffices of lawyers57DDOffices of lawyers57DDOffices of lawyers57DDOffices of lawyers57DDOffices of lawyers225 3922 268Offices of certified public accountants225 3922 268Offices of certified public accountants225 3922 266Payroll services3624 5667 403Computer systems design & related services2315 8544 260Computer systems design & related services2315 8544 260Computer systems design & related services2315 8544 260Computer systems design & related services288 5812 601Human resources & executive search consulting services95 6131 357Human resources & executive search consulting services64 1711 789Advertising & related to advertising4DDD	Establishments ments (number)Receipts Receipts (\$1,000)First-quarter payroll (\$1,000)WASHINGTON COUNTY, RI108 96647 41210 516Professional, scientific, & technical services244108 96647 41210 516Professional, scientific, & technical services5815 5393 694844Offices of lawyers57DDDDOffices of lawyers57DDDDOffices of lawyers57DDDDAccounting, tax return prep, bookkeeping, & payroll services3829 37724 2365 500Accounting, tax return prep, bookkeeping, & payroll services3829 37724 2365 500Accounting, tax return prep, bookkeeping, & payroll services3829 37724 2365 500Accounting tax return prep, bookkeeping, & payroll services3829 37724 2365 500Accounting tax return prep, bookkeeping, & payroll services215 3922 268556Payroll services3624 5667 4031 566Computer systems design & related services2315 8544 260936Computer systems design & related services2315 8544 260936Computer systems design services288 5812 601451Human resources & executive search consulting services288 5812 601451Human resources & personnel management consulting services64	Geographic area and kind of businessEstablishments mentsReceipts (number)Annual payrollemployees for pay period (\$1,000)WASHINGTON COUNTY, RIProfessional, scientific, & technical services244108 96647 41210 5161 794Professional, scientific, & technical services244108 96647 41210 5161 794Legal services5815 5393 694844151Offices of lawyers57DDDcOffices of lawyers57DDDcAccounting, tax return prep, bookkeeping, & payroll services3829 37724 2365 5001 122Offices of carriering services3624 5667 4031 566186Engineering services3624 5667 4031 566186Payroll services3624 5667 4031 566186Computer systems design & related services2315 8544 26039689Computer systems design & related services2315 8544 26039689Computer systems design & related services2315 8544 26039689Computer systems design & related services2413 5194 663964126Management consulting services2413 5194 663964126Management consulting services2413 5194 663964126Management consulting services243515715 <t< td=""><td>Geographic area and kind of business Establishments (number) Receipts (\$1,000) Annual payroll (\$1,000) First-quarter payroll (\$1,000) First-quarter payroll (\$1,000) First-quarter payroll (\$1,000) First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll First-quarter payroll Annual payroll First-quarter payroll First-quarter payroll Annual payroll First-quarter payroll First-quarter payroll Annual payroll First-quarter payroll First-quarter payroll Annual payroll First-quarter payroll First-quarter pa</br></br></br></br></br></td></t<>	Geographic area and kind of business Establishments (number) Receipts (\$1,000) Annual payroll (\$1,000) First-quarter payroll (\$1,000) First-quarter payroll (\$1,000) First-quarter payroll (\$1,000) First-quarter payroll First-quarter

¹Includes receipts information obtained from administrative records of other Federal agencies. ²Includes receipts information which was imputed based on historic company ratios or administrative records, or on industry averages.

Table 4. Summary Statistics for Firms Subject to Federal Income Tax for Places: 1997

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas followed by *, see Appendix D]

						Paid employees	Percent c	of receipts-
NAICS code	Geographic area and kind of business	Establish- ments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	for pay period including March 12 (number)	From adminis- trative records ¹	Estimated ²
	BARRINGTON TOWN, RI							
54	Professional, scientific, & technical services	25	5 295	1 474	286	55	71.8	3.5
541	Professional, scientific, & technical services	25	5 295	1 474	286	55	71.8	3.5
5414	Specialized design services	4	D	D	D	а	D	D
	BRISTOL TOWN, RI							
54	Professional, scientific, & technical services	26	6 699	1 699	374	66	55.5	2.5
541	Professional, scientific, & technical services	26	6 699	1 699	374	66	55.5	2.5
5413	Architectural, engineering, & related services	11	2 870	1 148	248	32	77.4	4.5
5418 54189 541890	Advertising & related services Other services related to advertising Other services related to advertising	2 1 1	D D D	D D D	D D D	a a a	D D D	D D D
	BURRILLVILLE TOWN, RI							
54	Professional, scientific, & technical services	11	2 038	843	154	32	15.3	2.9
541	Professional, scientific, & technical services	11	2 038	843	154	32	15.3	2.9
	CENTRAL FALLS, RI							
54	Professional, scientific, & technical services	3	D	D	D	а	D	D
	COVENTRY TOWN, RI							
54	Professional, scientific, & technical services	36	6 604	2 281	502	89	85.5	-
541	Professional, scientific, & technical services	36	6 604	2 281	502	89	85.5	-
5413	Architectural, engineering, & related services	8	D	D	D	b	D	D
0.	a fastratas at and of tabla							

See footnotes at end of table.

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas followed by *, see Appendix D]

see Appen	dix D]							
NAICS code	Geographic area and kind of business					Paid employees for pay period	Percent o	of receipts-
		Establish- ments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	including March 12 (number)	adminis- trative records ¹	Estimated ²
	CRANSTON, RI							
54	Professional, scientific, & technical services	185	106 997	34 323	7 116	1 072	32.3	6.2
541 5411	Professional, scientific, & technical services	185 61	106 997 17 863	34 323 6 387	7 116 1 164	1 072 217	32.3 52.2	6.2 4.8
54111 541110 5411101	Legal services Offices of lawyers . Offices of lawyers Offices of lawyers (except legal aid societies)	60 60 60	D D D D	0 387 D D D	D D D	217 C C C	52.2 D D	4.8 D D D
5412 54121 541211	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services Offices of certified public accountants	41 41 29	11 066 11 066 9 851	4 919 4 919 4 474	1 082 1 082 961	170 170 138	48.6 48.6 46.3	5.4 5.4 2.1
5413 54133 541330	Architectural, engineering, & related services Engineering services Engineering services	23 12 12	42 909 39 654 39 654	12 820 11 738 11 738	2 742 2 494 2 494	357 314 314	10.6 9.5 9.5	.4 .4 .4
5414 5415	Specialized design services	9 16	D 5 800	D 1 759	D 365	a 48	D 82.7	D .4
54151	Computer systems design & related services	16	5 800	1 759	365	48	82.7	.4
5416 54161 541611	Management, scientific, & technical consulting services Management consulting services Administrative management & general management consulting service	16 12 4	9 726 D 6 268	3 591 D 2 152	925 D 462	114 b 55	5.8 D	42.8 D 53.3
5418 54189	Advertising & related services Other services related to advertising	10 4	10 785 7 150	2 551 1 459	410 125	64 17	62.8 65.0	3.2
541890	Other services related to advertising	4	7 150	1 459	125	17	65.0	-
5419 54192 541921	Other professional, scientific, & technical services . Photographic services . Photographic studios, portrait	7 6 6	D 5 286 5 286	D 1 676 1 676	D 340 340	b 82 82	D 9.2 9.2	D
	CUMBERLAND TOWN, RI							
54 541	Professional, scientific, & technical services Professional, scientific, & technical services	38 38	11 691 11 691	3 621 3 621	833 833	131 131	71.7 71.7	.2 .2
5412	Accounting, tax return prep, bookkeeping, & payroll services	7	1 575	748	202	31	83.6	1.1
54121 5413	Accounting, tax return prep, bookkeeping, & payroll services Architectural, engineering, & related services	7 9	1 575 4 231	748 1 019	202 193	31 32	83.6 90.5	1.1
0110	EAST GREENWICH TOWN, RI	Ũ	. 201		100	02	00.0	
54	Professional, scientific, & technical services	48	17 919	4 271	897	138	39.3	21.3
541	Professional, scientific, & technical services	48	17 919	4 271	897	138	39.3	21.3
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	6 6	1 108 1 108	512 512	115 115	22 22	100.0 100.0	
5413	Architectural, engineering, & related services	5	4 770	967	189	20	13.3	73.4
5416 54161	Management, scientific, & technical consulting services Management consulting services	8 7	5 731 D	1 280 D	255 D	25 b	11.1 D	5.4 D
	EAST PROVIDENCE, RI							
54	Professional, scientific, & technical services	123	113 581	42 542	9 317	1 161	29.7	3.0
541 5411	Professional, scientific, & technical services	123 23	113 581 13 874	42 542 5 480	9 317 1 270	1 161 148	29.7 19.2	3.0 1.4
54111 541110 5411101	Offices of lawyers . Offices of lawyers . Offices of lawyers (except legal aid societies)	21 21 21			D D D	c c c	D D D	D D D
54119 541191	Other legal services	2 2	D D	D D	D D	b b	D D	D D
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	27 27	32 327 32 327	10 909 10 909	2 585 2 585	312 312	13.4 13.4	1.2 1.2 D
541211 541214 541219	Offices of certified public accountants Payroll services Other accounting services	18 2 4	D D D	D	D D D	b c b	D D D	D D D
5413 54133 541330	Architectural, engineering, & related services	25 15 15	20 761 15 726 15 726	7 292 5 430 5 430	1 581 1 118 1 118	177 114 114	64.7 79.3 79.3	2.1
5414 54143 541430	Specialized design services . Graphic design services . Graphic design services .	6 5 5	2 043 D D	920 D D	153 D D	19 a a	58.4 D D	_ D D
5415 54151	Computer systems design & related services Computer systems design & related services	14 14	23 548 23 548	8 157 8 157	1 735 1 735	218 218	5.2 5.2	8.8 8.8
5416 54161	Management, scientific, & technical consulting services Management consulting services Human resources & executive search consulting services	12 11 5	10 816 D 9 821	6 940 D 6 418	1 514 D 1 401	176 c 158	45.5 D 44.7	3.2 D 3.2
541612	-		8 036	2 103	389	65	67.1	_
541612 5418 54189 541890	Advertising & related services Other services related to advertising Other services related to advertising	9 3 3	1 450 1 450	2 103 300 300	60 60	12 12	D	

See footnotes at end of table.

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas followed by *, see Appendix D]

see Appen						Paid	Percent of	of receipts-
NAICS code	Geographic area and kind of business	Establish- ments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	employees for pay period including March 12 (number)	From adminis- trative records ¹	Estimated ²
	JOHNSTON TOWN, RI							
54	Professional, scientific, & technical services	30	8 613	3 376	951	401	25.3	23.1
541	Professional, scientific, & technical services	30	8 613	3 376	951	401	25.3	23.1
5412	Accounting, tax return prep, bookkeeping, & payroll services	8	4 009	1 620	589	354	22.6	13.3
54121 541213	Accounting, tax return prep, bookkeeping, & payroll services	8 1	4 009 D	1 620 D	589 D	354 e	22.6 D	13.3 D
	LINCOLN TOWN, RI							
54	Professional, scientific, & technical services	57	40 133	21 357	5 044	453	15.3	5.5
541	Professional, scientific, & technical services	57	40 133	21 357	5 044	453	15.3	5.5
5411 54111 541110 5411101	Legal services . Offices of lawyers . Offices of lawyers . Offices of lawyers (except legal aid societies)	10 10 10 10	2 986 2 986 2 986 2 986	1 009 1 009 1 009 1 009 1 009	217 217 217 217 217	42 42 42 42	67.2 67.2 67.2 67.2	.2 .2 .2 .2
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	10 10	D D	D D	D D	b b	D	D
5413 54133 541330	Architectural, engineering, & related services	7 4 4	9 815 8 926 8 926	4 798 4 447 4 447	1 089 1 005 1 005	93 85 85	2.6	15.4 16.9 16.9
5415 54151	Computer systems design & related services Computer systems design & related services	10 10	4 500 4 500	1 620 1 620	259 259	28 28	12.2 12.2	8.4 8.4
5416 54161 541612 5416123	Management, scientific, & technical consulting services Management consulting services Human resources & executive search consulting services Human resources & personnel management consulting	11 8 2 2	8 171 D D D	4 363 D D D	927 D D D	104 b b b	26.3 D D D	– D D
5417	Scientific research & development services	1	D	D	D	с	D	D
5418	Advertising & related services	3	D	D	D	а	D	D
	MIDDLETOWN TOWN, RI							
54	Professional, scientific, & technical services	59	189 482	70 301	20 475	1 752	2.2	7.0
541	Professional, scientific, & technical services	59	189 482	70 301	20 475	1 752	2.2	7.0
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	6 6	2 066 2 066	654 654	198 198	34 34	21.2 21.2	30.0 30.0
5413 54133 541330	Architectural, engineering, & related services . Engineering services . Engineering services .	24 22 22	91 708 D D	44 664 D D	10 417 D D	1 076 g g	.9 D D	3.0 D D
5415 54151 541512 5415121	Computer systems design & related services . Computer systems design & related services . Computer systems design services . Computer systems integrators .	17 17 11 6	93 373 93 373 D D	24 252 24 252 D D	9 712 9 712 D D	617 617 e e	1.2 1.2 D	10.5 10.5 D D
	NARRAGANSETT TOWN, RI							
54	Professional, scientific, & technical services	18	11 596	3 900	867	107	54.3	.4
541	Professional, scientific, & technical services	18	11 596	3 900	867	107	54.3	.4
5413	Architectural, engineering, & related services	5	2 413	1 242	189	19	91.9	1.9
5416 54161	Management, scientific, & technical consulting services Management consulting services	7 6	6 981 D	2 064 D	505 D	64 a	48.4 D	D
	NEWPORT, RI							
54	Professional, scientific, & technical services	91	46 101	15 121	3 418	432	27.4	8.6
541	Professional, scientific, & technical services	91	46 101	15 121	3 418	432	27.4	8.6
5411 54111 541110 5411101	Legal services . Offices of lawyers . Offices of lawyers . Offices of lawyers (except legal aid societies) .	28 27 27 27	12 169 D D	3 331 D D D	661 D D	108 c c	38.6 D D D	1.2 D D D
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	10 10	3 467 3 467	1 544 1 544	320 320	54 54	12.0 12.0	10.2 10.2
5413	Architectural, engineering, & related services	10	3 155	1 547	324	41	42.2	1.6
5414	Specialized design services	12	D	D	D	b	D	D
5417	Scientific research & development services	6	D	D	D	c	D	D
5419	Other professional, scientific, & technical services e footnotes at end of table.	5	D	D	D	b	D	l D

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas followed by *, see Appendix D]

see Appen	idix D]							
NAICS code	Geographic area and kind of business	Establish- ments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	From adminis- trative records ¹	ef receipts-
	NORTH KINGSTOWN TOWN, RI							
54	Professional, scientific, & technical services	71	39 773	27 725	6 213	1 174	15.8	2.9
541	Professional, scientific, & technical services	71	39 773	27 725	6 213	1 174	15.8	2.9
5412 54121 541214	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services Payroll services.	11 11 3	D D D	D D D	D D D	g g f	D D D	D D D
5413	Architectural, engineering, & related services	14	4 374	1 607	438	47	35.3	11.9
5415 54151	Computer systems design & related services Computer systems design & related services	12 12	5 681 5 681	2 332 2 332	494 494	47 47	10.8 10.8	4.8 4.8
5418 54189 541890	Advertising & related services Other services related to advertising Other services related to advertising	4 2 2	D D D	D D D	D D	a a	D D D	D D D
	NORTH PROVIDENCE TOWN, RI							
54	Professional, scientific, & technical services	58	10 410	3 916	876	137	50.5	19.8
541	Professional, scientific, & technical services	58	10 410	3 916	876	137	50.5	19.8
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	23 23	3 454 3 454	1 144 1 144	274 274	67 67	49.7 49.7	41.8 41.8
5413	Architectural, engineering, & related services	7	3 042	1 503	306	30	57.7	-
	NORTH SMITHFIELD TOWN, RI							
54	Professional, scientific, & technical services	25	6 464	1 564	370	82	61.2	23.1
541	Professional, scientific, & technical services	25	6 464	1 564	370	82	61.2	23.1
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	9 9	1 939 1 939	426 426	117 117	35 35	48.7 48.7	51.3 51.3
5414 54143 541430	Specialized design services . Graphic design services . Graphic design services .	1 1 1	D D D	D D D	D D D	a a a	D D D	D D D
	PAWTUCKET, RI							
54	Professional, scientific, & technical services	94	30 170	11 367	2 607	355	55.3	5.4
541	Professional, scientific, & technical services	94	30 170	11 367	2 607	355	55.3	5.4
5411 54111 541110 541110	Legal services . Offices of lawyers . Offices of lawyers . Offices of lawyers (except legal aid societies).	44 44 44 44	10 488 10 488 10 488 10 488	2 385 2 385 2 385 2 385 2 385	585 585 585 585	113 113 113 113	69.8 69.8 69.8 69.8	13.6 13.6 13.6 13.6
5412 54121 541219	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services Other accounting services	14 14 5	3 489 3 489 D	1 541 1 541 D	339 339 D	60 60 b	36.3 36.3 D	1.9 1.9 D
5413	Architectural, engineering, & related services	11	6 473	3 189	720	72	60.5	.2
5414	Specialized design services	6	1 478	720	160	22	83.5	7.7
5419 54192	Other professional, scientific, & technical services Photographic services	5 4	D	D D	D D	b a	D D	D
	PORTSMOUTH TOWN, RI							
54	Professional, scientific, & technical services	29	D	D	D	b	D	D
541	Professional, scientific, & technical services	29	D	D	D	b	D	D
5413	Architectural, engineering, & related services	5	2 345	883	140	12	89.9	1.8
5419	Other professional, scientific, & technical services	4	D	D	D	а	D	D

See footnotes at end of table.

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas followed by *, see Appendix D]

see Apper						Paid	Percent of	of receipts-
NAICS code	Geographic area and kind of business	Establish- ments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	employees for pay period including March 12 (number)	From adminis- trative records ¹	Estimated ²
	PROVIDENCE, RI	. ,			,			
54	Professional, scientific, & technical services	689	517 269	206 211	47 441	4 672	24.0	5.9
541	Professional, scientific, & technical services	689	517 269	206 211	47 441	4 672	24.0	5.9
5411 54111 541110 5411101	Legal services . Offices of lawyers . Offices of lawyers . Offices of lawyers (except legal aid societies) .	332 329 329 329	270 736 269 084 269 084 269 084	105 839 105 161 105 161 105 161	23 293 23 215 23 215 23 215 23 215	2 210 2 197 2 197 2 197	24.8 24.9 24.9 24.9	2.2 2.2 2.2 2.2
5412 54121 541211 541211 541219	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services Offices of certified public accountants Other accounting services	74 74 60 10	66 391 66 391 64 603 D	24 945 24 945 24 218 D	5 570 5 570 5 408 D	649 649 615 b	20.0 20.0 20.0 D	1.4 1.4 .6 D
5413 54131 541310	Architectural, engineering, & related services	59 31 31	43 223 16 589 16 589	19 202 7 040 7 040	4 909 1 623 1 623	482 174 174	21.0 26.7 26.7	14.1 4.5 4.5
54133 541330	Engineering services Engineering services	23 23	25 037 25 037	11 413 11 413	3 128 3 128	282 282	16.4 16.4	21.4 21.4
5414 54141 541410	Specialized design services Interior design services Interior design services	57 11 11	17 254 D D	6 204 D D	1 378 D D	213 b b	60.4 D D	1.1 D D
54143 541430 5414301	Graphic design services Graphic design services Graphic design services (except commercial art & medical artists)	42 42 36	12 378 12 378 D	4 548 4 548 D	930 930 D	131 131 c	58.2 58.2 D	.8 .8 D
5415 54151 541512 5415122 5415122 541519	Computer systems design & related services	36 36 17 11 7	28 573 28 573 13 365 12 100 D	11 999 11 999 6 721 6 249 D	3 221 3 221 1 483 1 374 D	230 230 130 114 b	16.6 16.6 9.7 2.6 D	17.8 17.8 35.7 37.1 D
5416 54161 541611	Management, scientific, & technical consulting services Management consulting services Administrative management & general management consulting	62 54	33 526 25 853	16 151 13 100	3 833 3 651	331 311	24.3 26.2	24.1 7.7
541612 5416122 5416123 541613	service	24 15 8 7 12	11 202 9 159 4 673 4 486 5 169	5 806 5 524 3 186 2 338 1 622	1 854 1 455 923 532 307	84 180 144 36 45	12.3 26.3 7.7 45.7 51.6	11.3 6.6 12.8 2.4
54162 541620	Environmental consulting services	4 4	D D	D D	D D	a a	D D	D
5417	Scientific research & development services	7	13 417	8 569	2 250	250	.5	11.6
5418 54181 541810	Advertising & related services Advertising agencies Advertising agencies	47 29 29	40 694 24 496 24 496	12 339 9 025 9 025	2 742 1 934 1 934	274 190 190	25.1 38.4 38.4	7.0 7.1 7.1
54185 541850 5418502	Display advertising . Display advertising . Outdoor advertising services	3 3 2	D D D	D D D	D D D	b b	D D D	D D D
54189 541890	Other services related to advertising Other services related to advertising	8 8	D D	D D	D D	b	D D	D D
5419 54192 541922	Other professional, scientific, & technical services Photographic services Commercial photography	15 11 10	3 455 2 720 D	963 872 D	245 221 D	33 28 b	31.7 18.3 D	2.2 D
	SCITUATE TOWN, RI							
54 541	Professional, scientific, & technical services Professional, scientific, & technical services	12 12	2 330 2 330	1 529 1 529	346 346	29 29	32.5 32.5	-
	SMITHFIELD TOWN, RI							
54	Professional, scientific, & technical services	39	21 553	8 870	1 994	206	39.3	.4
541 5413 54133	Professional, scientific, & technical services Architectural, engineering, & related services Engineering services	39 10 5	21 553 14 638 13 692	8 870 5 320 5 006	1 994 1 201 1 140	206 127 113	39.3 15.5 12.4	.4
541330 5415 54151	Engineering services Computer systems design & related services Computer systems design & related services	5 9 9	13 692 4 359 4 359	5 006 2 708 2 708	1 140 571 571	113 47 47	12.4 95.8 95.8	- 2.2 2.2
	SOUTH KINGSTOWN TOWN, RI							
54	Professional, scientific, & technical services	70	25 577	7 405	1 630	224	34.1	7.5
541	Professional, scientific, & technical services	70	25 577	7 405	1 630	224	34.1	7.5
5411 54111 541110 5411101	Legal services . Offices of lawyers . Offices of lawyers . Offices of lawyers (except legal aid societies)	19 18 18 18	6 076 D D D	1 589 D D D	343 D D D	58 b b	48.4 D D D	6.6 D D D
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	12 12	3 551 3 551	1 615 1 615	406 406	66 66	47.5 47.5	
5413	Architectural, engineering, & related services	12	2 085	897	188	34	41.6	28.6
5415 54151 541512	Computer systems design & related services Computer systems design & related services Computer systems design services	7 7 3	9 634 9 634 D	1 753 1 753 D	376 376 D	34 34 b	14.0 14.0 D	- - D
5416	Management, scientific, & technical consulting services	10	2 854	1 018	203	16	58.7	32.5

See footnotes at end of table.

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas followed by *, see Appendix D]

see Apper							1	
NAICS code	Geographic area and kind of business	Establish- ments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	From adminis- trative records ¹	of receipts –
	TIVERTON TOWN, RI	(,	(* /***/	(* // //	(* ,)	(,		
54	Professional, scientific, & technical services	23	6 688	2 256	541	77	61.4	3.5
541	Professional, scientific, & technical services	23	6 688	2 256	541	77	61.4	3.5
5413	Architectural, engineering, & related services	7	3 381	1 332	318	38	48.9	-
	WARREN TOWN, RI							
54 541	Professional, scientific, & technical services Professional, scientific, & technical services	8 8	1 554 1 554	371 371	83 83	20 20	96.8 96.8	-
	WARWICK, RI							
54	Professional, scientific, & technical services	277	120 976	43 410	9 385	1 266	39.6	3.5
541	Professional, scientific, & technical services	277	120 976	43 410	9 385	1 266	39.6	3.5
5411 54111	Legal services	83 82	27 389 D	7 770 D	1 688 D	262 e	50.3 D	1.5 D
541110 5411101	Offices of lawyers Offices of lawyers (except legal aid societies)	82 82	D D	D D	D D	e e	D D	D D
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	58 58	18 391 18 391	7 529 7 529	1 605 1 605	297 297	52.2 52.2	5.9 5.9
541211 541219	Offices of certified public accountants	37 16	12 062 D	4 737 D	1 045 D	157 c	60.3 D	.3 D
5413 54133	Architectural, engineering, & related services	29 24	18 610 11 571	7 003 4 147	1 475 882	177 98	46.9 57.6	6.1 9.8
541330	Engineering services	24	11 571	4 147	882	98	57.6	9.8
5414 54141 541410	Specialized design services Interior design services Interior design services	7 3 3	4 142 D D	2 229 D D	532 D D	54 b b	6.7 D D	D D
5415 54151 541512	Computer systems design & related services Computer systems design & related services Computer systems design services	30 30 17	19 946 19 946 D	10 560 10 560 D	2 439 2 439 D	172 172 b	16.1 16.1 D	5.1 5.1 D
5416 54161	Management, scientific, & technical consulting services Management consulting services	25 21	6 480 D	2 314 D	371 D	63 b	70.1 D	1.3 D
5418	Advertising & related services	14 4	17 247 D	3 930 D	811	105	38.8 D	_ D
54181 541810	Advertising agencies	4	D	D	D D	b b	D	D
54189 541890	Other services related to advertising Other services related to advertising	4 4	D D	D D	D D	a	D D	D
5419 54192 541921	Other professional, scientific, & technical services Photographic services Photographic studios, portrait	28 24 19	D 5 491 D	D 1 470 D	D 310 D	с 107 b	D 17.6 D	D 1.8 D
	WESTERLY TOWN, RI							
54	Professional, scientific, & technical services	59	D	D	D	с	D	D
541	Professional, scientific, & technical services	59	D	D	D	с	D	D
5411 54111	Legal services . Offices of lawyers .	25 25	7 078 7 078	1 511 1 511	341 341	68 68	85.3 85.3	2.9 2.9
541110 5411101	Offices of lawyers	25 25	7 078 7 078	1 511 1 511	341 341	68 68	85.3 85.3	2.9 2.9
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	11 11	D D	D D	D D	b b	D D	D
5413 54133 541330	Architectural, engineering, & related services Engineering services Engineering services	12 8 8	16 633 D D	4 106 D D	856 D D	109 b b	4.7 D D	4.3 D D
	WEST WARWICK TOWN, RI		_	-	-	-	_	_
54	Professional, scientific, & technical services	24	4 048	1 419	301	52	77.4	6.7
541	Professional, scientific, & technical services	24	4 048	1 419	301	52	77.4	6.7
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	6 6	881 881	313 313	51 51	15 15	56.8 56.8	1.8 1.8
	WOONSOCKET, RI							
54	Professional, scientific, & technical services	43	15 046	5 818	1 166	199	47.2	-
541	Professional, scientific, & technical services	43	15 046	5 818	1 166	199	47.2	
5411 54111	Legal services Offices of lawyers	18 18	3 902 3 902	1 128 1 128	268 268	46 46	88.0 88.0	=
541110 5411101	Offices of lawyers	18 18	3 902 3 902	1 128 1 128	268 268	46 46	88.0 88.0	_
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	4	D	D	D	b	D	D
541219 5419	Other accounting services Other professional, scientific, & technical services	2	D	D	D	b	D	D
	e footnotes at end of table.					b	. 0	. 0

See footnotes at end of table.

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas followed by *, see Appendix D]

						Paid	Percent of	of receipts-
NAICS code	Geographic area and kind of business	Establish- ments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	employees for pay period including March 12 (number)	From adminis- trative records ¹	Estimated ²
	BALANCE OF KENT COUNTY, RI							
54	Professional, scientific, & technical services	7	1 920	889	214	28	21.1	56.8
541	Professional, scientific, & technical services	7	1 920	889	214	28	21.1	56.8
5412 54121	Accounting, tax return prep, bookkeeping, & payroll services Accounting, tax return prep, bookkeeping, & payroll services	1 1	D D	D D	D D	a a	D D	D D
	BALANCE OF NEWPORT COUNTY, RI							
54	Professional, scientific, & technical services	33	D	D	D	b	D	D
541	Professional, scientific, & technical services	33	D	D	D	b	D	D
5413	Architectural, engineering, & related services	9	2 397	944	178	18	58.5	1.5
5414	Specialized design services	4	D	D	D	а	D	D
	BALANCE OF PROVIDENCE COUNTY, RI							
54	Professional, scientific, & technical services	12	D	D	D	b	D	D
541	Professional, scientific, & technical services	12	D	D	D	b	D	D
	BALANCE OF WASHINGTON COUNTY, RI							
54	Professional, scientific, & technical services	26	D	D	D	b	D	D
541	Professional, scientific, & technical services	26	D	D	D	b	D	D
5413	Architectural, engineering, & related services	12	2 435	859	188	27	61.7	-

¹Includes receipts information obtained from administrative records of other Federal agencies. ²Includes receipts information which was imputed based on historic company ratios or administrative records, or on industry averages.

Appendix A. Explanation of Terms

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. Also included are tips and gratuities received by employees from patrons and reported to employers and the value of payments in kind (e.g., free meals and lodging). If an employee works at more than one location, the payroll is included in the one location where they spend most of their time. Also included are salaries of professional service organizations or associations which operate under state professional corporation statutes and file a corporate Federal income tax return. Excluded are payrolls of departments or concessions operated by other companies at the establishment. 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.

EXPENSES (\$1,000)

Includes program service grants, specified assistance to individuals, benefits paid to or for members, payroll, employee benefits, payroll taxes, interest and rent expenses, cost of supplies used for operation, cost of merchandise sold, depreciation expenses, fundraising expenses, contracted or purchased services, and other expenses charged to operations during 1997. Expenses exclude outlays for the purchase of real estate; construction and all other capital improvements; funds invested; assessments or dues paid to the parent or other chapters of the same organization; incomes taxes; sales and other taxes collected directly from customers or clients and paid directly to a local, state, or Federal tax agency; and, for fundraising organizations, funds transferred to charities and other organizations.

FIRST-QUARTER PAYROLL (\$1,000)

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

NUMBER OF ESTABLISHMENTS

An establishment is a single physical location at which business is conducted and/or services are provided. 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 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, separate establishment reports for each of the different activities were obtained in the census. An establishment is included in the census if it is an employer, the establishment has \$1,000 in payroll, and was in operation at any time during 1997. Leased service departments (separately owned businesses operated as departments or concessions of other service establishments or of retail businesses, such as a separately owned shoeshine parlor in a barber shop, or a beauty shop in a department store) are treated as separate service establishments for census purposes. Leased retail departments located in service establishments (e.g., a gift shop located in a hotel) are considered separate retail establishments.

NUMBER OF PAID EMPLOYEES FOR PAY PERIOD INCLUDING MARCH 12

Paid employees consists of full-time and part-time employees, including salaried officers and executives of corporations, who were on the payroll during the pay period including March 12. Included are employees on paid sick leave, paid holidays, and paid vacations; and members of a professional service organization or association which operates under state professional corporation statutes and files a corporate Federal income tax return. Not included are proprietors and partners of unincorporated businesses, and employees of departments or concessions operated by other companies at the establishment. The definition of paid employees is the same as that used on IRS Form 941.

RECEIPTS/REVENUE (\$1,000)

Receipts (basic dollar volume measure for service establishments of firms subject to Federal income tax). Includes receipts from customers or clients for services rendered, from the use of facilities, and from merchandise sold during 1997 whether or not payment was received in 1997. For advertising agencies, travel industries, and other service establishments operating on a commission basis, receipts include commissions, fees, and other operating income, NOT gross billings and sales. Excise taxes on gasoline, liquor, tobacco, etc., which are paid by the manufacturer or wholesaler and passed on in the cost of goods purchased by the service establishment, are also included. The establishments share of receipts from departments, concessions, and vending and amusement machines operated by others are included as part of receipts. Receipts also include the total value of service contracts, market value of compensation received in lieu of cash, amounts received for work subcontracted to others, and dues and assessments from members and affiliates. Receipts from services provided to foreign customers from U.S. locations, including services preformed for foreign parent firms, subsidiaries, and branches are included.

Receipts are net after deductions for refunds and allowances for merchandise returned by customers. Receipts do not include sales, occupancy, admissions, or other taxes collected from customers and remitted 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 receipts (gross) of departments and concessions which are operated by others; sales of used equipment rented or leased to customers; domestic intracompany transfers; receipts of foreign subsidiaries; and other nonoperating income, such as royalties, franchise fees, etc. Receipts do not include service receipts of manufacturers, wholesalers, retail establishments, or other businesses whose primary activity is other than service. They do, however, include receipts other

than from services rendered (e.g., sale of merchandise to individuals or other businesses) by establishments primarily engaged in performing services and classified in the service industries.

Revenue (basic dollar volume measure for firms exempt from Federal income tax). Includes revenue from customers or clients for services rendered and merchandise sold during 1997, whether or not payment was received in 1997, and gross sales of merchandise, minus returns and allowances. Also included are income from interest, dividends, gross rents (including display space rentals and share of receipts from departments operated by other companies), gross contributions, gifts, grants (whether or not restricted for use in operations), royalties, dues and assessments from members and affiliates, commissions earned from the sale of merchandise owned by others (including commissions from vending machine operators), and gross receipts from fundraising activities. Receipts from taxable business activities of firms exempt from Federal income tax (unrelated business income) are also included in revenue.

Revenue does not include sales, admissions, or other taxes collected by the organization from customers or clients and paid directly to a local, state, or Federal tax agency; income from the sale of real estate, investments, or other assets (except inventory held for resale); gross receipts of departments, concessions, etc., that are operated by others; and amounts transferred to operating funds from capital or reserve funds.

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 ADMINISTRA-TIVE RECORDS (PERCENT)

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

Appendix B. NAICS Codes, Titles, and Descriptions

54 PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES

The Professional, Scientific, and Technical Services sector comprises establishments that specialize in performing professional, scientific, and technical activities for others. These activities require a high degree of expertise and training. The establishments in this sector specialize according to expertise and provide these services to clients in a variety of industries and, in some cases, to households. Activities performed include: legal advice and representation; accounting, bookkeeping, and payroll services; architectural, engineering, and specialized design services; advertising services; photographic services; translation and interpretation services; veterinary services; and other professional, scientific, and technical services.

This sector excludes establishments primarily engaged in providing a range of day-to-day office administrative services, such as financial planning, billing and recordkeeping, personnel, and physical distribution and logistics. These establishments are classified in Sector 56, Administrative and Support and Waste Management and Remediation Services.

541 Professional, Scientific, and Technical Services

Industries in the Professional, Scientific, and Technical Services subsector group establishments engaged in processes where human capital is the major input. These establishments make available the knowledge and skills of their employees, often on an assignment basis, where an individual or team is responsible for the delivery of services to the client. The individual industries of this subsector are defined on the basis of the particular expertise and training of the services provider.

The distinguishing feature of the Professional, Scientific, and Technical Services subsector is the fact that most of the industries grouped in it have production processes that are almost wholly dependent on worker skills. In most of these industries, equipment and materials are not of major importance, unlike health care, for example, where "high tech" machines and materials are important collaborating inputs to labor skills in the production of health care. Thus, the establishments classified in this subsector sell expertise. Much of the expertise requires degrees, though not in every case.

5411 Legal Services

This NAICS industry group includes establishments classified in the following NAICS industries: 54111, Offices of Lawyers; and 54119, Other Legal Services.

54111 Offices of Lawyers

This industry comprises offices of legal practitioners known as lawyers or attorneys (i.e., counselors-at-law) primarily engaged in the practice of law. Establishments in this industry may provide expertise in a range or in specific areas of law, such as criminal law, corporate law, family and estate law, patent law, real estate law, or tax law.

541110 Offices of Lawyers

This industry comprises offices of legal practitioners known as lawyers or attorneys (i.e., counselors-at-law) primarily engaged in the practice of law. Establishments in this industry may provide expertise in a range or in specific areas of law, such as criminal law, corporate law, family and estate law, patent law, real estate law, or tax law.

The data published with NAICS code 541110 are comprised of the following SIC industry:

8111 Legal Services

5411101 Offices of Lawyers (Except Legal Aid Societies)

Establishments, headed by members of the bar, primarily engaged in the practice of law. These establishments may specialize in a particular form of law practice or provide a range of legal services.

5411102 Legal Aid Societies and Similar Legal Services

Establishments primarily engaged in providing legal aid or advice and are nonprofit and tax-exempt.

54119 Other Legal Services

This industry comprises establishments of legal practitioners (except lawyers and attorneys) primarily engaged in providing specialized legal or paralegal services.

541191 Title Abstract and Settlement Offices

This U.S. industry comprises establishments (except offices of lawyers and attorneys) primarily engaged in one or more of the following activities: (1) researching public land records to gather information relating to real estate

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titles; (2) preparing documents necessary for the transfer of the title, financing, and settlement; (3) conducting final real estate settlements and closings; and (4) filing legal and other documents relating to the sale of real estate. Real estate settlement offices, title abstract companies, and title search companies are included in this industry.

The data published with NAICS code 541191 are comprised of the following SIC industry:

6541 Title and Settlement Offices

541199 All Other Legal Services

This U.S. industry comprises establishments of legal practitioners (except offices of lawyers and attorneys, settlement offices, and title abstract offices). These establishments are primarily engaged in providing specialized legal or paralegal services.

The data published with NAICS code 541199 are comprised of this part of the following SIC industry:

7389 (pt) Process Services, Patent Agents, Notaries Public, and Paralegal Services

5412 Accounting, Tax Preparation, Bookkeeping, and Payroll Services

This industry comprises establishments primarily engaged in providing services, such as auditing of accounting records, designing accounting systems, preparing financial statements, developing budgets, preparing tax returns, processing payrolls, bookkeeping, and billing.

54121 Accounting, Tax Preparation, Bookkeeping, and Payroll Services

This industry comprises establishments primarily engaged in providing services, such as auditing of accounting records, designing accounting systems, preparing financial statements, developing budgets, preparing tax returns, processing payrolls, bookkeeping, and billing.

541211 Offices of Certified Public Accountants

This U.S. industry comprises establishments of accountants that are certified to audit the accounting records of public and private organizations and to attest to compliance with generally accepted accounting practices. Offices of certified public accountants (CPAs) may provide one or more of the following accounting services: (1) auditing financial statements; (2) designing accounting systems; (3) preparing financial statements; (4) developing budgets; and (5) providing advice on matters related to accounting. These establishments may also provide related services, such as bookkeeping, tax return preparation, and payroll processing.

The data published with NAICS code 541211 are comprised of this part of the following SIC industry:

8721 (pt) Offices of Certified Public Accountants

541213 Tax Preparation Services

This U.S. industry comprises establishments (except offices of CPAs) engaged in providing tax return preparation services without also providing accounting, bookkeeping, billing, or payroll processing services. Basic knowledge of tax law and filing requirements is required.

The data published with NAICS code 541213 are comprised of the following SIC industry:

7291 Tax Preparation Services

541214 Payroll Services

This U.S. industry comprises establishments (except offices of CPAs) engaged in the following without also providing accounting, bookkeeping, or billing services: (1) collecting information on hours worked, pay rates, deductions, and other payroll-related data from their clients and (2) using that information to generate paychecks, payroll reports, and tax filings. These establishments may use data processing and tabulating techniques as part of providing their services.

The data published with NAICS code 541214 are comprised of these parts of the following SIC industries:

7819 (pt) Talent Payment Services 8721 (pt) Payroll Services

5412141 Talent Payment Services

Establishments primarily engaged in providing payment services for actors, actresses, and other entertainment professionals.

5412142 Payroll Services (Except Talent Payment Services)

Establishments primarily engaged in the following, without also providing accounting or accounts auditing services: (a) collecting information on hours worked, pay rates, deductions, and other payroll-related data from their clients; and (b) using that information to generate paychecks, payroll reports, and tax filings. These establishments may use data processing and tabulating techniques in the execution of their services.

541219 Other Accounting Services

This U.S. industry comprises establishments (except offices of CPAs) engaged in providing accounting services (except tax return preparation services only or payroll services only). These establishments may also provide tax return preparation or payroll services. Accountant (except CPA) offices, bookkeeper offices, and billing offices are included in this industry.

The data published with NAICS code 541219 are comprised of this part of the following SIC industry:

8721 (pt) Other Accounting Services

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5413 Architectural, Engineering, and Related Services

This NAICS industry group includes establishments classified in the following NAICS industries: 54131, Architectural Services; 54133, Engineering Services; 54134, Drafting Services; 54135, Building Inspection Services; 54136, Geophysical Surveying and Mapping Services; 54137, Surveying and Mapping (Except Geophysical) Services; and 54138, Testing Laboratories.

54131 Architectural Services

This industry comprises establishments primarily engaged in planning and designing residential, institutional, leisure, commercial, and industrial buildings and structures by applying knowledge of design, construction procedures, zoning regulations, building codes, and building materials.

541310 Architectural Services

This industry comprises establishments primarily engaged in planning and designing residential, institutional, leisure, commercial, and industrial buildings and structures by applying knowledge of design, construction procedures, zoning regulations, building codes, and building materials.

The data published with NAICS code 541310 are comprised of the following SIC industry:

8712 Architectural Services

54133 Engineering Services

This industry comprises establishments primarily engaged in applying physical laws and principles of engineering in the design, development, and utilization of machines, materials, instruments, structures, processes, and systems. The assignments undertaken by these establishments may involve any of the following activities: provision of advice, preparation of feasibility studies, preparation of preliminary and final plans and designs, provision of technical services during the construction or installation phase, inspection and evaluation of engineering projects, and related services.

541330 Engineering Services

This industry comprises establishments primarily engaged in applying physical laws and principles of engineering in the design, development, and utilization of machines, materials, instruments, structures, processes, and systems. The assignments undertaken by these establishments may involve any of the following activities: provision of advice, preparation of feasibility studies, preparation of preliminary and final plans and designs, provision of technical services during the construction or installation phase, inspection and evaluation of engineering projects, and related services. The data published with NAICS code 541330 are comprised of the following SIC industry:

8711 Engineering Services

54134 Drafting Services

This industry comprises establishments primarily engaged in drawing detailed layouts, plans, and illustrations of buildings, structures, systems, or components from engineering and architectural specifications.

541340 Drafting Services

This industry comprises establishments primarily engaged in drawing detailed layouts, plans, and illustrations of buildings, structures, systems, or components from engineering and architectural specifications.

The data published with NAICS code 541340 are comprised of this part of the following SIC industry:

7389 (pt) Drafting Services

54135 Building Inspection Services

This industry comprises establishments primarily engaged in providing building inspection services. These establishments typically evaluate all aspects of the building structure and component systems and prepare a report on the physical condition of the property, generally for buyers or others involved in real estate transactions. Building inspection bureaus and establishments providing home inspection services are included in this industry.

541350 Building Inspection Services

This industry comprises establishments primarily engaged in providing building inspection services. These establishments typically evaluate all aspects of the building structure and component systems and prepare a report on the physical condition of the property, generally for buyers or others involved in real estate transactions. Building inspection bureaus and establishments providing home inspection services are included in this industry.

The data published with NAICS code 541350 are comprised of this part of the following SIC industry:

7389 (pt) Building Inspection Services

54136 Geophysical Surveying and Mapping Services

This industry comprises establishments primarily engaged in gathering, interpreting, and mapping geophysical data. Establishments in this industry often specialize in locating and measuring the extent of subsurface resources, such as oil, gas, and minerals, but they may also conduct surveys for engineering purposes. Establishments in this industry use a variety of surveying techniques depending on the purpose of the survey, including magnetic surveys, gravity surveys, seismic surveys, or electrical and electromagnetic surveys.

541360 Geophysical Surveying and Mapping Services

This industry comprises establishments primarily engaged in gathering, interpreting, and mapping geophysical data. Establishments in this industry often specialize in locating and measuring the extent of subsurface resources, such as oil, gas, and minerals, but they may also conduct surveys for engineering purposes. Establishments in this industry use a variety of surveying techniques depending on the purpose of the survey, including magnetic surveys, gravity surveys, seismic surveys, or electrical and electromagnetic surveys.

The data published with NAICS code 541360 are comprised of these parts of the following SIC industries:

- 1081 (pt) Geophysical Surveying Services for Metal Mining, on a Contract Basis
- 1382 (pt) Geophysical Surveying Services for Oil and Gas Fields, on a Contract Basis
- 1481 (pt) Geophysical Surveying Services for Nonmetallic Minerals (Except Fuels) on a Contract Basis
- 8713 (pt) Geophysical Surveying

5413601 Geophysical Surveying

Establishments primarily engaged in surveying and mapping of subsurface terrain or formations. Establishments in this industry specialize in such areas as identifying the location of subsurface fault lines and mineral deposits using a variety of surveying techniques including magnetic surveys, gravity surveys, seismic surveys, or electrical and electromagnetic surveys.

5413602 Geophysical Surveying Services Only for Metal Mining, Contract Basis

Establishments primarily engaged in surveying and mapping subsurface terrain or formations for metal mining.

5413603 Geophysical Surveying Services Only for Oil and Gas Fields, Contract Basis

Establishments primarily engaged in surveying and mapping subsurface and surface terrain or formations for oil and gas fields.

5413604 Geophysical Surveying Services Only for Nonmetallic Mineral (Except Fuels), Contract Basis

Establishments primarily engaged in surveying and mapping subsurface terrain or formations for nonmetallic minerals, except fuels.

54137 Surveying and Mapping (Except Geophysical) Services

This industry comprises establishments primarily engaged in performing surveying and mapping services of the surface of the earth, including the sea floor. These services may include surveying and mapping of areas above or below the surface of the earth, such as the creation of view easements or segregating rights in parcels of land by creating underground utility easements.

541370 Surveying and Mapping (Except Geophysical) Services

This industry comprises establishments primarily engaged in performing surveying and mapping services of the surface of the earth, including the sea floor. These services may include surveying and mapping of areas above or below the surface of the earth, such as the creation of view easements or segregating rights in parcels of land by creating underground utility easements.

The data published with NAICS code 541370 are comprised of these parts of the following SIC industries:

7389 (pt) Map Making Services

8713 (pt) Surveying Services

5413701 Surveying Services

Establishments primarily engaged in providing professional land and water surveying services (except geophysical) or providing land, water, and underwater terrain survey mapping services.

5413702 Map Making Services

Establishments primarily engaged in providing land, water, and underwater terrain mapping services, without surveying services.

54138 Testing Laboratories

This industry comprises establishments primarily engaged in performing physical, chemical, and other analytical testing services, such as acoustics or vibration testing, assaying, biological testing (except medical and veterinary), calibration testing, electrical and electronic testing, geotechnical testing, mechanical testing, nondestructive testing, or thermal testing. The testing may occur in a laboratory or on-site.

541380 Testing Laboratories

This industry comprises establishments primarily engaged in performing physical, chemical, and other analytical testing services, such as acoustics or vibration testing, assaying, biological testing (except medical and veterinary), calibration testing, electrical and electronic testing, geotechnical testing, mechanical testing, nondestructive testing, or thermal testing. The testing may occur in a laboratory or on-site.

The data published with NAICS code 541380 are comprised of this part of the following SIC industry:

8734 (pt) Testing Laboratories

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5414 Specialized Design Services

This industry group comprises establishments providing specialized design services (except architectural, engineering, and computer systems design).

54141 Interior Design Services

This industry comprises establishments primarily engaged in planning, designing, and administering projects in interior spaces to meet the physical and aesthetic needs of people using them, taking into consideration building codes, health and safety regulations, traffic patterns and floor planning, mechanical and electrical needs, and interior fittings and furniture. Interior designers and interior design consultants work in areas, such as hospitality design, health care design, institutional design, commercial and corporate design, and residential design. This industry also includes interior decorating consultants engaged exclusively in providing aesthetic services associated with interior spaces.

541410 Interior Design Services

This industry comprises establishments primarily engaged in planning, designing, and administering projects in interior spaces to meet the physical and aesthetic needs of people using them, taking into consideration building codes, health and safety regulations, traffic patterns and floor planning, mechanical and electrical needs, and interior fittings and furniture. Interior designers and interior design consultants work in areas, such as hospitality design, health care design, institutional design, commercial and corporate design, and residential design. This industry also includes interior decorating consultants engaged exclusively in providing aesthetic services associated with interior spaces.

The data published with NAICS code 541410 are comprised of this part of the following SIC industry:

7389 (pt) Interior Design Services

54142 Industrial Design Services

This industry comprises establishments primarily engaged in creating and developing designs and specifications that optimize the use, value, and appearance of their products. These services can include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human characteristics and needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance. Establishments providing automobile or furniture industrial design services or industrial design consulting services are included in this industry.

541420 Industrial Design Services

This industry comprises establishments primarily engaged in creating and developing designs and specifications that optimize the use, value, and appearance of their products. These services can include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human characteristics and needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance. Establishments providing automobile or furniture industrial design services or industrial design consulting services are included in this industry.

The data published with NAICS code 541420 are comprised of this part of the following SIC industry:

7389 (pt) Industrial Design Services

54143 Graphic Design Services

This industry comprises establishments primarily engaged in planning, designing, and managing the production of visual communication in order to convey specific messages or concepts, clarify complex information, or project visual identities. These services can include the design of printed materials, packaging, advertising, signage systems, and corporate identification (logos). This industry also includes commercial artists engaged exclusively in generating drawings and illustrations requiring technical accuracy or interpretative skills.

541430 Graphic Design Services

This industry comprises establishments primarily engaged in planning, designing, and managing the production of visual communication in order to convey specific messages or concepts, clarify complex information, or project visual identities. These services can include the design of printed materials, packaging, advertising, signage systems, and corporate identification (logos). This industry also includes commercial artists engaged exclusively in generating drawings and illustrations requiring technical accuracy or interpretative skills.

The data published with NAICS code 541430 are comprised of these parts of the following SIC industries:

7336 Commercial Art and Graphic Design 8099 (pt) Medical Artists

5414301 Graphic Design Services (Except Commercial Art and Medical Artists)

Establishments primarily engaged in planning, designing and managing the production of the design of printed materials, packaging video screen displays, advertising signage systems, and corporate logos.

5414302 Commercial Art

Establishments primarily engaged in providing commercial art and illustration services.

5414303 Medical Artists

Establishments primarily engaged in providing commercial sketches and drawings of body parts and other biological objects.

54149 Other Specialized Design Services

This industry comprises establishments primarily engaged in providing professional design services (except architectural, landscape architecture, engineering, interior, industrial, graphic, and computer system design).

541490 Other Specialized Design Services

This industry comprises establishments primarily engaged in providing professional design services (except architectural, landscape architecture, engineering, interior, industrial, graphic, and computer system design).

The data published with NAICS code 541490 are comprised of this part of the following SIC industry:

7389 (pt) Other Design Services

5415 Computer Systems Design and Related Services

This industry comprises establishments primarily engaged in providing expertise in the field of information technologies through one or more of the following activities: (1) writing, modifying, testing, and supporting software to meet the needs of a particular customer; (2) planning and designing computer systems that integrate computer hardware, software, and communication technologies; (3) on-site management and operation of clients' computer systems and/or data processing facilities; and (4) other professional and technical computer-related advice and services.

54151 Computer Systems Design and Related Services

This industry comprises establishments primarily engaged in providing expertise in the field of information technologies through one or more of the following activities: (1) writing, modifying, testing, and supporting software to meet the needs of a particular customer; (2) planning and designing computer systems that integrate computer hardware, software, and communication technologies; (3) on-site management and operation of clients' computer systems and/or data processing facilities; and (4) other professional and technical computer-related advice and services.

541511 Custom Computer Programming Services

This U.S. industry comprises establishments primarily engaged in writing, modifying, testing, and supporting software to meet the needs of a particular customer.

The data published with NAICS code 541511 are comprised of the following SIC industry:

7371 Custom Computer Programming Services

541512 Computer Systems Design Services

This U.S. industry comprises establishments primarily engaged in planning and designing computer systems that integrate computer hardware, software, and communication technologies. The hardware and software components of the system may be provided by this establishment or company as part of integrated services or may be provided by third parties or vendors. These establishments often install the system and train and support users of the system.

The data published with NAICS code 541512 are comprised of these parts of the following SIC industries:

7373 Computer Systems Integrators 7379 (pt) Computer Systems Consultants

5415121 Computer Systems Integrators

Establishments primarily engaged in developing or modifying computer software, and packaging or bundling the software with computer hardware (computers and computer peripheral equipment) to create and market an integrated system for specific applications. These establishments must provide each of the following services: (1) the development or modification of the computer software; (2) the marketing of purchased computer hardware; and (3) involvement in all phases of system development from design through installation.

5415122 Computer Systems Consultants (Except Systems Integrators)

Establishments primarily engaged in consulting with clients and planning and designing systems that integrate computer hardware, software, and communication technologies.

541513 Computer Facilities Management Services

This U.S. industry comprises establishments primarily engaged in providing on-site management and operation of clients' computer systems and/or data processing facilities. Establishments providing computer systems or data processing facilities support services are included in this industry.

The data published with NAICS code 541513 are comprised of the following SIC industry:

7376 Computer Facilities Management Services

541519 Other Computer Related Services

This U.S. industry comprises establishments primarily engaged in providing computer related services (except custom programming, systems integration design, and facilities management services). Establishments providing computer disaster recovery services or software installation services are included in this industry.

The data published with NAICS code 541519 are comprised of these parts of the following SIC industries:

7379 (pt) All Other Computer Consultants, (Except Computer Systems Consultants)

7379 (pt) All Other Computer Related Services

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5415191 Computer Consultants (Except Computer Systems Consultants)

Establishments primarily engaged in providing computer consulting services (except computer systems consulting).

5415199 All Other Computer Related Services

Establishments primarily engaged in supplying computer related services (except computer programming services, computer systems integrators, computer facilities management services, and computer consultants).

5416 Management, Scientific, and Technical Consulting Services

This NAICS industry group includes establishments classified in the following NAICS industries: 54161, Management Consulting Services; 54162, Environmental Consulting Services; and 54169, Other Scientific and Technical Consulting Services.

54161 Management Consulting Services

This industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations on management issues, such as strategic and organizational planning; financial planning and budgeting; marketing objectives and policies; human resource policies, practices, and planning; production scheduling; and control planning.

541611 Administrative Management and General Management Consulting Services

This U.S. industry comprises establishments primarily engaged in providing operating advice and assistance to businesses and other organizations on administrative management issues, such as financial planning and budgeting, equity and asset management, records management, office planning, strategic and organizational planning, site selection, new business startup, and business process improvement. This industry also includes establishments of general management consultants that provide a full range of administrative; human resource; marketing; process, physical distribution, and logistics; or other management consulting services to clients.

The data published with NAICS code 541611 are comprised of this part of the following SIC industry:

8742 (pt) Administrative Management and General Management Consulting Services

541612 Human Resources and Executive Search Consulting Services

This U.S. industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations in one or more of the following areas: (1) human resource and personnel policies, practices, and procedures; (2) employee benefits planning, communication, and administration; (3) compensation systems planning; (4) wage and salary administration; and (5) executive search and recruitment.

The data published with NAICS code 541612 are comprised of these parts of the following SIC industries:

7361 (pt) Executive Placement Services

8742 (pt) Human Resources and Personnel Management Consulting

8999 (pt) Actuarial Consulting Services

5416121 Actuarial Consulting

Establishments primarily engaged in applying statistical calculation especially of life expectancy in assessing life, health, social, and casualty insurance; annuities; pensions; and compensation and benefits planning.

5416122 Executive Placement Services

Establishments primarily engaged in executive search and recruitment services or executive placement services.

5416123 Human Resources and Personnel Management Consulting

Establishments primarily engaged in one or more of the following: (a) providing operating advice and assistance in areas, such as human resource and personnel policies, practices, and procedures; (b) employee benefits planning, communication, and administration; (c) compensation systems planning; and (d) wage and salary administration.

541613 Marketing Consulting Services

This U.S. industry comprises establishments primarily engaged in providing operating advice and assistance to businesses and other organizations on marketing issues, such as developing marketing objectives and policies, sales forecasting, new product developing and pricing, licensing and franchise planning, and marketing planning and strategy.

The data published with NAICS code 541613 are comprised of this part of the following SIC industry:

8742 (pt) Marketing Consulting Services

541614 Process, Physical Distribution, and Logistics Consulting Services

This U.S. industry comprises establishments primarily engaged in providing operating advice and assistance to businesses and other organizations in areas, such as: (1) manufacturing operations improvement; (2) productivity improvement; (3) production planning and control; (4) quality assurance and quality control; (5) inventory management; (6) distribution networks; (7) warehouse use, operations, and utilization; (8) transportation and shipment of goods and materials; and (9) materials management and handling.

The data published with NAICS code 541614 are comprised of this part of the following SIC industry:

8742 (pt) Process, Physical, Distribution, and Logistics Consulting

541618 Other Management Consulting Services

This U.S. industry comprises establishments primarily engaged in providing management consulting services (except administrative and general management consulting; human resources consulting; marketing consulting; or process, physical distribution, and logistics consulting). Establishments providing telecommunications or utilities management consulting services are included in this industry.

The data published with NAICS code 541618 are comprised of these parts of the following SIC industries:

4731 (pt) Tariff Consultants

8748 (pt) Other Management Consulting Services

5416181 Tariff Consulting

Establishments primarily engaged in providing information and advise on freight shipping or tariffs.

5416182 All Other Management Consulting Services

Establishments primarily engaged in providing management consulting services (expert administrative and general management consulting; human resource consulting; marketing consulting; tariff consulting; or process, physical distribution, and logistics consulting). Establishments providing telecommunications or utilities management consulting services are included in this industry.

54162 Environmental Consulting Services

This industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations on environmental issues, such as the control of environmental contamination from pollutants, toxic substances, and hazardous materials. These establishments identify problems (e.g., inspect buildings for hazardous materials), measure and evaluate risks, and recommend solutions. They employ a multidisciplined staff of scientists, engineers, and other technicians with expertise in areas, such as air and water quality, asbestos contamination, remediation, and environmental law. Establishments providing sanitation or site remediation consulting services are included in this industry.

541620 Environmental Consulting Services

This industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations on environmental issues, such as the control of environmental contamination from pollutants, toxic substances, and hazardous materials. These establishments identify problems (e.g., inspect buildings for hazardous materials), measure and evaluate risks, and recommend solutions. They employ a multidisciplined staff of scientists, engineers, and other technicians with expertise in areas, such as air and water quality, asbestos contamination, remediation, and environmental law. Establishments providing sanitation or site remediation consulting services are included in this industry.

The data published with NAICS code 541620 are comprised of this part of the following SIC industry:

8999 (pt) Environmental Consulting Services

54169 Other Scientific and Technical Consulting Services

This industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations on scientific and technical issues (except environmental).

541690 Other Scientific and Technical Consulting Services

This industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations on scientific and technical issues (except environmental).

The data published with NAICS code 541690 are comprised of these parts of the following SIC industries:

- 8748 (pt) Other Scientific and Technical Consulting Services
- 8999 (pt) Scientific and Related Consulting Services (Except Environmental and Actuarial)

5416901 Economic and Related Consulting Services

Establishments primarily engaged in providing advice and assistance to business and other organizations on scientific and technical issues (except environmental).

5416902 Scientific and Related Consulting Services (Except Environmental and Actuarial)

Establishments primarily engaged in furnishing scientific or related advice on a contract or fee basis.

5417 Scientific Research and Development Services

This industry group comprises establishments engaged in conducting original investigation undertaken on a systematic basis to gain new knowledge (research) and/or the application of research findings or other scientific knowledge for the creation of new or significantly improved products or processes (experimental development). The industries within this industry group are defined on the basis of the domain of research; that is, on the scientific expertise of the establishment.

54171 Research and Development in the Physical, Engineering, and Life Sciences

This industry comprises establishments primarily engaged in conducting research and experimental development in the physical, engineering, or life sciences, such as agriculture, electronics, environmental, biology, botany, biotechnology, computers, chemistry, food, fisheries, forests, geology, health, mathematics, medicine, oceanography, pharmacy, physics, veterinary, and other allied subjects.

541710 Research and Development in the Physical, Engineering, and Life Sciences

This industry comprises establishments primarily engaged in conducting research and experimental development in the physical, engineering, or life sciences, such as agriculture, electronics, environmental, biology, botany, biotechnology, computers, chemistry, food, fisheries, forests, geology, health, mathematics, medicine, oceanography, pharmacy, physics, veterinary, and other allied subjects.

The data published with NAICS code 541710 are comprised of these parts of the following SIC industries:

- 8731 (pt) Commercial Physical and Engineering Sciences Research
- 8733 (pt) Noncommercial Physical and Engineering Sciences Research
- 8731 (pt) Commercial Life Sciences Research
- 8733 (pt) Noncommercial Life Sciences Research

5417101 Research and Development in the Physical and Engineering Sciences

Establishments primarily engaged in conducting research and experimental development in the physical sciences, engineering, electronics, computer, chemistry, oceanography, geology, mathematics, physics, environmental, and other allied subjects.

54171011 Noncommercial Research and Development in the Physical and Engineering Sciences

Establishments primarily engaged in conducting noncommercial research and experimental development in the physical sciences, engineering, electronics, computer, chemistry, oceanography, geology, mathematics, physics, environmental, and other allied subjects funded from gifts, grants, and contributions.

54171012 Commercial Research and Development in the Physical and Engineering Sciences

Establishments primarily engaged in conducting commercial research and experimental development in the physical sciences, engineering, electronics, computer, chemistry, oceanography, geology, mathematics, physics, environmental, and other allied subjects on a fee or contract basis.

5417102 Research and Development in the Life Sciences

Establishments primarily engaged in conducting research and experimental development in medicine, health, biology, botany, biotechnology, agriculture, fisheries, forests, pharmacy, and other life sciences including veterinary sciences.

54171021 Noncommercial Research and Development in the Life Sciences

This industry comprises establishments primarily engaged in conducting research and experimental development in medicine, health, biology, botany, biotechnology, agriculture, fisheries, forests, pharmacy, and other life sciences including veterinary sciences. The noncommercial establishments included here operate primarily on funds from gifts, grants, and contributions.

54171022 Commercial Research and Development in the Life Sciences

Establishments primarily engaged in conducting research and experimental development in medicine, health, biology, botany, biotechnology, agriculture, fisheries, forests, pharmacy, and other life sciences including veterinary sciences, on a contract or fee (commercial) basis.

54172 Research and Development in the Social Sciences and Humanities

This industry comprises establishments primarily engaged in conducting research and analyses in cognitive development, sociology, psychology, language, behavior, economic, and other social science and humanities research.

541720 Research and Development in the Social Sciences and Humanities

This industry comprises establishments primarily engaged in conducting research and analyses in cognitive development, sociology, psychology, language, behavior, economic, and other social science and humanities research.

The data published with NAICS code 541720 are comprised of these parts of the following SIC industries:

8732 (pt) Social Science and Humanities Research

8733 (pt) Noncommercial Research in Social Sciences and Humanities

5417201 Noncommercial Research and Development in the Social Sciences and Humanities

This industry comprises establishments primarily engaged in conducting research and analysis in education, sociology, psychology, language, behavior, economic, legal, and other social science and humanities research. The noncommercial establishments included here operate primarily on funds from gifts, grants, and contributions.

5417202 Commercial Research and Development in the Social Sciences and Humanities

Establishments primarily engaged in conducting research and analysis in education, sociology, psychology, language, behavior, economic, legal, and other social science and humanities research on a contract or fee (commercial) basis.

5418 Advertising and Related Services

This NAICS industry group includes establishments classified in the following NAICS industries: 54181, Advertising Agencies; 54182, Public Relations Agencies; 54183, Media Buying Agencies; 54184, Media Representatives; 54185, Display Advertising; 54186, Direct Mail Advertising; 54187, Advertising Material Distribution Services; and 84189, Other Services Related to Advertising.

54181 Advertising Agencies

This industry comprises establishments primarily engaged in creating advertising campaigns and placing such advertising in periodicals, newspapers, radio and television, or other media. These establishments are organized to provide a full range of services (i.e., through in-house capabilities or subcontracting), including advice, creative services, account management, production of advertising material, media planning, and buying (i.e., placing advertising).

541810 Advertising Agencies

This industry comprises establishments primarily engaged in creating advertising campaigns and placing such advertising in periodicals, newspapers, radio and television, or other media. These establishments are organized to provide a full range of services (i.e., through in-house capabilities or subcontracting), including advice, creative services, account management, production of advertising material, media planning, and buying (i.e., placing advertising).

The data published with NAICS code 541810 are comprised of the following SIC industry:

7311 Advertising Agencies

54182 Public Relations Agencies

This industry comprises establishments primarily engaged in designing and implementing public relations campaigns. These campaigns are designed to promote the interests and image of their clients. Establishments providing lobbying, political consulting, or public relations consulting are included in this industry.

541820 Public Relations Agencies

This industry comprises establishments primarily engaged in designing and implementing public relations campaigns. These campaigns are designed to promote the interests and image of their clients. Establishments providing lobbying, political consulting, or public relations consulting are included in this industry.

The data published with NAICS code 541820 are comprised of the following SIC industry:

8743 Public Relations Services

54183 Media Buying Agencies

This industry comprises establishments primarily engaged in purchasing advertising time or space from media outlets and reselling it to advertising agencies or individual companies directly.

541830 Media Buying Agencies

This industry comprises establishments primarily engaged in purchasing advertising time or space from media outlets and reselling it to advertising agencies or individual companies directly.

The data published with NAICS code 541830 are comprised of this part of the following SIC industry:

7319 (pt) Media Buying Services

54184 Media Representatives

This industry comprises establishments of independent representatives primarily engaged in selling media time or space for media owners.

541840 Media Representatives

This industry comprises establishments of independent representatives primarily engaged in selling media time or space for media owners.

The data published with NAICS code 541840 are comprised of the following SIC industry:

7313 Radio, Television, and Publishers' Advertising Representatives

5418401 Radio and Television Advertising Representatives

Establishments primarily engaged in selling time or space to advertisers or advertising agencies for radio or television station (or network) owners.

5418402 Publishers' Advertising Representatives

Establishments primarily engaged in selling time or space to advertisers or advertising agencies for newspapers, magazines, and other publications.

54185 Display Advertising

This industry comprises establishments primarily engaged in creating and designing public display advertising, campaign materials, such as printed, painted, or electronic displays, and/or placing such displays on indoor or outdoor billboards and panels, or on or within transit vehicles or facilities, shopping malls, retail (in-store) displays, and other display structures or sites.

541850 Display Advertising

This industry comprises establishments primarily engaged in creating and designing public display advertising, campaign materials, such as printed, painted, or electronic displays, and/or placing such displays on indoor or outdoor billboards and panels, or on or within transit vehicles or facilities, shopping malls, retail (in-store) displays, and other display structures or sites.

The data published with NAICS code 541850 are comprised of these parts of the following SIC industries:

7312 Outdoor Advertising Services7319 (pt) Display Advertising, Except Outdoor

5418501 Display Advertising (Except Outdoor)

Establishments primarily engaged in preparing display advertising services (except outdoor).

5418502 Outdoor Advertising Services

Establishments primarily engaged in the preparation and presentation of poster displays and painted and electric sign displays on billboards, panels, bulletins, and frames principally outdoors.

54186 Direct Mail Advertising

This industry comprises establishments primarily engaged in (1) creating and designing advertising campaigns for the purpose of distributing advertising materials (e.g., coupons, flyers, samples) or specialties (e.g., key chains, magnets, pens with customized messages imprinted) by mail or other direct distribution; and/or (2) preparing advertising materials or specialties for mailing or other direct distribution. These establishments may also compile, maintain, sell, and rent mailing lists.

541860 Direct Mail Advertising

This industry comprises establishments primarily engaged in (1) creating and designing advertising campaigns for the purpose of distributing advertising materials (e.g., coupons, flyers, samples) or specialties (e.g., key

chains, magnets, pens with customized messages imprinted) by mail or other direct distribution; and/or (2) preparing advertising materials or specialties for mailing or other direct distribution. These establishments may also compile, maintain, sell, and rent mailing lists.

The data published with NAICS code 541860 are comprised of this part of the following SIC industry:

7331 (pt) Direct Mail Advertising Services (Except Mail List Services)

54187 Advertising Material Distribution Services

This industry comprises establishments primarily engaged in the direct distribution or delivery of advertisements (e.g., circulars, coupons, handbills) or samples. Establishments in this industry use methods, such as delivering advertisements or samples door-to-door, placing flyers or coupons on car windshields in parking lots, or handing out samples in retail stores.

541870 Advertising Material Distribution Services

This industry comprises establishments primarily engaged in the direct distribution or delivery of advertisements (e.g., circulars, coupons, handbills) or samples. Establishments in this industry use methods, such as delivering advertisements or samples door-to-door, placing flyers or coupons on car windshields in parking lots, or handing out samples in retail stores.

The data published with NAICS code 541870 are comprised of this part of the following SIC industry:

7319 (pt) Advertising Materials Distribution Services

54189 Other Services Related to Advertising

This industry comprises establishments primarily engaged in providing advertising services (except advertising agency services, public relations agency services, media buying agency services, media representative services, display advertising services, direct mail advertising services, advertising material distribution services, and marketing consulting services).

541890 Other Services Related to Advertising

This industry comprises establishments primarily engaged in providing advertising services (except advertising agency services, public relations agency services, media buying agency services, media representative services, display advertising services, direct mail advertising services, advertising material distribution services, and marketing consulting services).

The data published with NAICS code 541890 are comprised of these parts of the following SIC industries:

5199 (pt) Advertising Specialties Goods Distributors

- 7319 (pt) Other Advertising Services
- 7389 (pt) Sign Painting and Lettering Shop

7389 (pt) Welcoming Services

5418901 Welcoming Services

Establishments primarily engaged in providing promotional business services to tourists and new residents of a community.

5418902 Advertising Specialities Goods Distributors

Establishments primarily engaged in the wholesale distribution of advertising novelties and specialties.

5418903 Sign Painting and Lettering Shop

Establishments primarily engaged in making signs to individual order or in office door and window lettering.

5418909 All Other Advertising

This industry comprises establishments primarily engaged in providing advertising services (except advertising agency services, public relations agency services, media buying agency services, media representative services, display advertising services, direct mail advertising services, advertising material distribution services, sign painting and lettering shops, marketing consulting services, and welcoming services).

5419 Other Professional, Scientific, and Technical Services

This industry group comprises establishments engaged in professional, scientific, and technical services (except legal services; accounting, tax preparation, bookkeeping, and related services; architectural, engineering, and related services; specialized design services; computer systems design and related services; management, scientific, and technical consulting services; scientific research and development services; and advertising and related services).

54191 Marketing Research and Public Opinion Polling

This industry comprises establishments primarily engaged in systematically gathering, recording, tabulating, and presenting marketing and public opinion data.

541910 Marketing Research and Public Opinion Polling

This industry comprises establishments primarily engaged in systematically gathering, recording, tabulating, and presenting marketing and public opinion data.

The data published with NAICS code 541910 are comprised of this part of the following SIC industry:

8732 (pt) Marketing Research and Public Opinion Polling

54192 Photographic Services

This industry comprises establishments primarily engaged in providing still, video, or digital photography services. These establishments may specialize in a particular field of photography, such as commercial and industrial photography, portrait photography, and special events photography. Commercial or portrait photography studios are included in this industry.

541921 Photography Studios, Portrait

This U.S. industry comprises establishments known as portrait studios primarily engaged in providing still, video, or digital portrait photography services.

The data published with NAICS code 541921 are comprised of the following SIC industry:

7221 Photographic Studios, Portrait

541922 Commercial Photography

This U.S. industry comprises establishments primarily engaged in providing commercial photography services, generally for advertising agencies, publishers, and other business and industrial users.

The data published with NAICS code 541922 are comprised of these parts of the following SIC industries:

7335 Commercial Photography 8099 (pt) Medical Photography

5419221 Commercial Photography (Except Medical Photography)

Establishments primarily engaged in providing commercial photography services (except medical photography).

5419222 Medical Photography

Establishments primarily engaged in making still photographs or motion pictures of body parts, medical specimens, or other biological objects.

54193 Translation and Interpretation Services

This industry comprises establishments primarily engaged in translating written material and interpreting speech from one language to another and establishments primarily engaged in providing sign language services.

541930 Translation and Interpretation Services

This industry comprises establishments primarily engaged in translating written material and interpreting speech from one language to another and establishments primarily engaged in providing sign language services.

The data published with NAICS code 541930 are comprised of this part of the following SIC industry:

7389 (pt) Translation and Interpretation Services

54199 All Other Professional, Scientific, and Technical Services

This industry comprises establishments primarily engaged in the provision of professional, scientific, or technical services (except legal services; accounting, tax preparation, bookkeeping, and related services; architectural, engineering, and related services; specialized design services; computer systems design and related services; management, scientific, and technical consulting services; scientific research and development services; advertising and related services; market research and public opinion polling; photographic services; translation and interpretation services; and veterinary services).

541990 All Other Professional, Scientific, and Technical Services

This industry comprises establishments primarily engaged in the provision of professional, scientific, or

technical services (except legal services; accounting, tax preparation, bookkeeping, and related services; architectural, engineering, and related services; specialized design services; computer systems design and related services; management, scientific, and technical consulting services; scientific research and development services; advertising and related services; market research and public opinion polling; photographic services; translation and interpretation services; and veterinary services).

The data published with NAICS code 541990 are comprised of this part of the following SIC industry:

7389 (pt) All Other Professional, Scientific, and Technical Services

Appendix C. Coverage and Methodology

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, receipts, 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 firms, and all 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., singleestablishment 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 receipts of establishments covered in the census. Data on receipts, 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. Receipts 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 receipts of all establishments covered in the census. The census included only those nonemployer firms which reported a receipts volume of \$1,000 or more during 1997. Establishments exempt from Federal income tax with no paid employees were excluded as in previous censuses. 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.

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.

Establishments in the mail universe were classified on the basis of their self-designation, sources of receipts, and other industry-specific inquiries.

- 2. The nonmail universe.
 - a. Selected small employers were classified on the basis of the most current kind-of-business classification available from one of the Census Bureau's current sample surveys or the 1992 Economic 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 1997 Economic 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.
 - b. Nonemployers were classified on the basis of information obtained from administrative records of other Federal agencies.

METHOD OF ASSIGNING TAX STATUS

For kind-of-business classifications where there were substantial numbers of taxable and tax-exempt establishments, establishments were classified based on the Federal income tax filing requirement for the establishment or organization. This classification was based primarily on the response to an inquiry on the census questionnaire. Establishments that indicated that all or part of their income was exempt from Federal income tax under provisions of section 501 of the Internal Revenue Service (IRS) code were classified as tax-exempt; establishments indicating no such exemption were classified as taxable. All government-operated hospitals were classified as taxexempt. For establishments in the nonmail universe, the tax status classification was based upon the type of tax return filed by the firm or organization.

For selected kind-of-business classifications that are comprised primarily of tax-exempt establishments, all establishments in those classifications were defined as tax-exempt. All establishments in the remaining kind-ofbusiness classifications (comprised primarily of taxable establishments) were defined as taxable.

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 Receipt or 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, receipts or 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 was imputed for individual records based on responses from similar establishments. For other inquiries, the total of reported data was expanded to represent 100 percent of the mail and nonmail universe. Data presented for industry-specific inquiries based on a December 31 reference date were expanded in direct relationship to total receipts or 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 receipts or revenue of all establishments included in the category. In a few cases, expansion on the basis of the receipts or 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 receipts or revenue of establishments responding to the industry-specific inquiry as a percent of total receipts or revenue for all establishments for which data are shown. For some inquiries, coverage is determined by the ratio of total payroll or employment of establishments responding to the inquiry to total payroll or employment of all establishments in the category.

Appendix D. Geographic Notes

RHODE ISLAND

There are no geographic notes for the state of Rhode Island.

Appendix E. Metropolitan Areas

RHODE ISLAND

New London—Norwich, CT—RI MSA

Middlesex County, CT (Part) New London County, CT (Part) East Lyme town, CT Groton city, CT Groton town balance, CT Jewett City, CT Ledyard town, CT Montville town, CT New London city, CT Norwich city, CT Stonington town, CT Waterford town, CT Windham County, CT (Part) Plainfield town, CT Washington County, RI (Part) Westerly town, RI Providence—Fall River—Warwick, RI—MA MSA Bristol County, MA (Part) Attleboro city, MA Fall River city, MA North Attleborough town, MA Seekonk town, MA Somerset town, MA Swansea town, MA Westport town, MA

Providence—Fall River—Warwick, RI—MA MSA—Con.

Bristol County, RI (Part) Barrington town, RI Bristol town, RI Warren town, RI Kent County, RI (Part) Coventry town, RI East Greenwich town, RI Warwick city, RI West Warwick town, RI Newport County, RI (Part) Tiverton town, RI Providence County, RI (Part) Burrillville town, RI Central Falls city, RI Cranston city, RI Cumberland town, RI East Providence city, RI Johnston town, RI Lincoln town, RI North Providence town, RI North Smithfield town, RI Pawtucket city, RI Providence city, RI Scituate town, RI Smithfield town, RI Woonsocket city, RI Washington County, RI (Part) Narragansett town, RI North Kingstown town, RI South Kingstown town, RI