

Arizona

1997

Issued August 1999

EC97S54A-AZ

1997 Economic Census

Professional, Scientific, and Technical Services

Geographic Area Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
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CONTENTS

Introduction to the Economic Census	1
Professional, Scientific, and Technical Services.....	5
TABLES	
1a. Summary Statistics for Firms Subject to Federal Income Tax for the State: 1997	7
1b. Summary Statistics for Firms Exempt From Federal Income Tax for the State: 1997	8
2a. Summary Statistics for Firms Subject to Federal Income Tax for Metropolitan Areas: 1997	9
2b. Summary Statistics for Firms Exempt From Federal Income Tax for Metropolitan Areas: 1997	13
3. Summary Statistics for Firms Subject to Federal Income Tax for Counties: 1997	14
4. Summary Statistics for Firms Subject to Federal Income Tax for Places: 1997	19
APPENDIXES	
A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Coverage and Methodology.....	C-1
D. Geographic Notes	D-1
E. Metropolitan Areas	E-1

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

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

SOURCES FOR MORE INFORMATION

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

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; consulting services; research 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 record-keeping, 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 kind-of-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 only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
ARIZONA								
54	Professional, scientific, & technical services	10 163	6 669 433	2 724 740	595 426	75 789	25.1	9.1
541	Professional, scientific, & technical services	10 163	6 669 433	2 724 740	595 426	75 789	25.1	9.1
5411	Legal services	2 521	1 495 062	701 989	145 601	14 064	22.2	5.6
54111	Offices of lawyers	2 450	1 413 609	672 261	139 282	12 877	23.0	5.7
541110	Offices of lawyers	2 450	1 413 609	672 261	139 282	12 877	23.0	5.7
5411101	Offices of lawyers (except legal aid societies)	2 450	1 413 609	672 261	139 282	12 877	23.0	5.7
54119	Other legal services	71	81 453	29 728	6 319	1 187	7.6	4.8
541191	Title abstract & settlement offices	32	66 170	24 427	5 098	940	2.1	4.7
541199	All other legal services	39	15 283	5 301	1 221	247	31.3	5.4
5412	Accounting, tax return prep, bookkeeping, & payroll services	1 783	648 048	304 207	67 911	15 992	32.5	8.9
54121	Accounting, tax return prep, bookkeeping, & payroll services	1 783	648 048	304 207	67 911	15 992	32.5	8.9
541211	Offices of certified public accountants	930	383 150	164 438	36 696	4 783	29.8	4.3
541213	Tax return preparation services	223	37 371	13 365	5 207	2 748	31.6	6.0
541214	Payroll services	47	139 559	89 541	17 464	6 506	29.4	18.9
541219	Other accounting services	583	87 968	36 863	8 544	1 955	49.0	14.2
5413	Architectural, engineering, & related services	1 818	1 590 723	698 014	152 651	17 543	25.7	6.8
54131	Architectural services	474	323 750	116 499	23 716	2 910	26.8	4.2
541310	Architectural services	474	323 750	116 499	23 716	2 910	26.8	4.2
54133	Engineering services	997	1 068 457	497 363	110 064	11 788	26.2	8.1
541330	Engineering services	997	1 068 457	497 363	110 064	11 788	26.2	8.1
54134	Drafting services	47	8 498	3 746	783	143	30.4	3.8
541340	Drafting services	47	8 498	3 746	783	143	30.4	3.8
54135	Building inspection services	49	5 647	2 213	406	81	29.3	11.7
541350	Building inspection services	49	5 647	2 213	406	81	29.3	11.7
54136	Geophysical surveying & mapping services	11	3 973	1 513	315	43	71.6	8.7
541360	Geophysical surveying & mapping services	11	3 973	1 513	315	43	71.6	8.7
54137	Surveying & mapping (except geophysical) services	136	36 193	17 624	3 825	621	28.6	6.3
541370	Surveying & mapping (except geophysical) services	136	36 193	17 624	3 825	621	28.6	6.3
54138	Testing laboratories	104	144 205	59 056	13 542	1 957	16.7	3.3
541380	Testing laboratories	104	144 205	59 056	13 542	1 957	16.7	3.3
5414	Specialized design services	423	197 126	47 084	10 509	1 463	40.9	8.1
54141	Interior design services	169	88 732	14 273	2 986	465	39.5	11.3
541410	Interior design services	169	88 732	14 273	2 986	465	39.5	11.3
54142	Industrial design services	16	11 029	5 340	1 555	114	15.0	2.7
541420	Industrial design services	16	11 029	5 340	1 555	114	15.0	2.7
54143	Graphic design services	230	95 453	26 754	5 799	855	45.5	5.8
541430	Graphic design services	230	95 453	26 754	5 799	855	45.5	5.8
5414301	Graphic design services (except commercial art & medical artists) ..	192	85 680	23 921	5 215	782	44.1	6.5
5414302	Commercial art	38	9 773	2 833	584	73	57.2	—
54149	Other specialized design services	8	1 912	717	169	29	25.8	—
541490	Other specialized design services	8	1 912	717	169	29	25.8	—
5415	Computer systems design & related services	981	994 715	431 524	98 325	9 195	14.7	13.1
54151	Computer systems design & related services	981	994 715	431 524	98 325	9 195	14.7	13.1
541511	Custom computer programming services	428	353 173	191 165	41 388	3 792	14.6	19.3
541512	Computer systems design services	410	509 461	194 778	47 749	4 509	15.6	8.6
5415121	Computer systems integrators	150	316 343	106 554	28 456	2 409	12.8	5.5
5415122	Computer systems consultants (except systems integrators)	260	193 118	88 224	19 293	2 100	20.2	13.6
541513	Computer facilities management services	17	82 831	29 657	5 849	501	4	15.9
541519	Other computer related services	126	49 250	15 924	3 339	393	29.7	11.8
5416	Management, scientific, & technical consulting services	1 549	790 312	303 024	63 228	7 938	35.3	14.2
54161	Management consulting services	1 158	637 643	250 352	51 833	6 541	33.3	13.7
541611	Administrative management & general management consulting service	564	301 839	135 697	27 912	3 513	24.7	10.8
541612	Human resources & executive search consulting services	238	132 469	58 392	12 364	1 438	36.7	20.0
5416121	Actuarial consulting	10	7 301	3 707	980	82	7.2	.1
5416122	Executive placement services	100	48 357	21 179	4 220	499	43.9	22.5
5416123	Human resources & personnel management consulting	128	76 811	33 506	7 164	857	35.0	20.4
541613	Marketing consulting services	244	128 170	37 221	7 301	1 038	39.5	11.2
541614	Process, physical distribution, & logistics consulting services	45	33 033	8 245	1 964	211	40.4	9.1
541618	Other management consulting services	67	42 132	10 797	2 292	341	60.2	26.3
54162	Environmental consulting services	111	54 042	22 511	4 890	583	35.8	13.0
541620	Environmental consulting services	111	54 042	22 511	4 890	583	35.8	13.0
54169	Other scientific & technical consulting services	280	98 627	30 161	6 505	814	48.2	17.9
541690	Other scientific & technical consulting services	280	98 627	30 161	6 505	814	48.2	17.9
5417	Scientific research & development services	129	218 820	64 338	15 117	1 511	8.5	9.7
54171	R&D in the physical, engineering, & life sciences	100	205 821	59 208	14 196	1 280	7.6	9.4
541710	R&D in the physical, engineering, & life sciences	100	205 821	59 208	14 196	1 280	7.6	9.4
5417101	R&D in the physical & engineering sciences	61	179 423	50 407	12 337	1 039	5.5	6.3
5417102	Research & development in the life sciences	39	26 398	8 801	1 859	241	22.1	30.5
54172	Research & development in the social sciences & humanities	29	12 999	5 130	921	231	22.2	14.7
541720	R&D in the social sciences & humanities	29	12 999	5 130	921	231	22.2	14.7

See footnotes at end of table.

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

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

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
ARIZONA—Con.								
54	Professional, scientific, & technical services—Con.							
541	Professional, scientific, & technical services—Con.							
5418	Advertising & related services	583	555 734	118 410	28 447	4 789	29.8	10.6
54181	Advertising agencies	200	144 957	38 579	8 597	1 117	50.9	16.2
541810	Advertising agencies	200	144 957	38 579	8 597	1 117	50.9	16.2
54182	Public relations agencies	73	23 584	8 337	1 682	230	51.1	3.4
541820	Public relations agencies	73	23 584	8 337	1 682	230	51.1	3.4
54183	Media buying services	19	66 524	9 559	2 175	294	34.7	14.6
541830	Media buying services	19	66 524	9 559	2 175	294	34.7	14.6
54184	Media representatives	27	12 380	3 071	664	150	42.5	37.4
541840	Media representatives	27	12 380	3 071	664	150	42.5	37.4
5418401	Radio & television advertising representatives	9	3 454	1 033	205	13	83.3	13.7
5418402	Publishers' advertising representatives	18	8 926	2 038	459	137	26.7	46.5
54185	Display advertising	46	126 655	19 010	6 365	1 026	7.0	1.0
541850	Display advertising	46	126 655	19 010	6 365	1 026	7.0	1.0
5418501	Display advertising (except outdoor)	9	D	D	D	f	D	D
5418502	Outdoor advertising services	37	D	D	D	e	D	D
54186	Direct mail advertising	59	97 196	21 408	4 785	830	16.8	11.7
541860	Direct mail advertising	59	97 196	21 408	4 785	830	16.8	11.7
54187	Advertising material distribution services	11	7 168	2 278	438	172	35.8	45.6
541870	Advertising material distribution services	11	7 168	2 278	438	172	35.8	45.6
54189	Other services related to advertising	148	77 270	16 168	3 741	970	30.4	5.9
541890	Other services related to advertising	148	77 270	16 168	3 741	970	30.4	5.9
5418901	Welcoming services	5	557	226	47	31	49.4	—
5418902	Advertising specialties goods distributor	65	55 575	10 472	2 424	657	29.5	5.3
5418903	Sign painting & lettering shop	60	14 831	4 236	1 009	218	28.5	9.7
5418909	All other advertising	18	6 307	1 234	261	64	41.0	3.6
5419	Other professional, scientific, & technical services	376	178 893	56 150	13 637	3 294	19.3	8.5
54191	Marketing research & public opinion polling	62	82 908	28 415	6 675	1 735	13.1	10.0
541910	Marketing research & public opinion polling	62	82 908	28 415	6 675	1 735	13.1	10.0
54192	Photographic services	260	61 841	19 216	4 349	1 196	31.5	10.5
541921	Photographic studios, portrait	201	43 955	13 748	3 035	992	26.1	7.8
541922	Commercial photography	59	17 886	5 468	1 314	204	44.8	16.9
54193	Translation & interpretation services	8	617	272	67	14	36.3	38.1
541930	Translation & interpretation services	8	617	272	67	14	36.3	38.1
54199	All other professional, scientific, & technical services	46	33 527	8 247	2 546	349	11.6	.5
541990	All other professional, scientific, & technical services	46	33 527	8 247	2 546	349	11.6	.5

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]

NAICS code	Geographic area and kind of business	Establishments (number)	Revenue (\$1,000)	Expenses (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
								From administrative records ¹	Estimated ²
ARIZONA									
54	Professional, scientific, & technical services ..	93	95 624	92 694	43 541	10 295	1 285	10.9	5.5
541	Professional, scientific, & technical services	93	95 624	92 694	43 541	10 295	1 285	10.9	5.5
5411	Legal services	41	14 069	13 692	8 770	2 086	338	7.6	6.9
54111	Offices of lawyers	41	14 069	13 692	8 770	2 086	338	7.6	6.9
541110	Offices of lawyers	41	14 069	13 692	8 770	2 086	338	7.6	6.9
5411102	Legal aid societies & similar legal services	41	14 069	13 692	8 770	2 086	338	7.6	6.9
5417	Scientific research & development services	52	81 555	79 002	34 771	8 209	947	11.5	5.3
54171	R&D in the physical, engineering, & life sciences	40	69 934	68 621	31 457	7 374	818	9.0	4.3
541710	R&D in the physical, engineering, & life sciences	40	69 934	68 621	31 457	7 374	818	9.0	4.3
5417101	R&D in the physical & engineering sciences	17	55 936	55 091	27 078	6 393	664	4.0	1.8
5417102	Research & development in the life sciences	23	13 998	13 530	4 379	981	154	29.1	14.3
54172	Research & development in the social sciences & humanities	12	11 621	10 381	3 314	835	129	26.2	11.0
541720	R&D in the social sciences & humanities	12	11 621	10 381	3 314	835	129	26.2	11.0

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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
FLAGSTAFF, AZ-UT MSA								
54	Professional, scientific, & technical services	187	59 866	21 795	4 788	795	45.0	14.1
541	Professional, scientific, & technical services	187	59 866	21 795	4 788	795	45.0	14.1
5411	Legal services	53	19 586	6 144	1 420	216	36.5	.6
54111	Offices of lawyers	50	D	D	D	c	D	D
541110	Offices of lawyers	50	D	D	D	c	D	D
5411101	Offices of lawyers (except legal aid societies)	50	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	43	8 759	3 249	796	202	65.2	12.3
54121	Accounting, tax return prep, bookkeeping, & payroll services	43	8 759	3 249	796	202	65.2	12.3
541211	Offices of certified public accountants	27	5 520	2 149	520	92	73.0	9.4
541213	Tax return preparation services	4	D	D	D	b	D	D
541219	Other accounting services	11	1 604	600	92	28	96.3	1.7
5413	Architectural, engineering, & related services	36	13 285	5 015	1 162	171	69.7	3.5
5416	Management, scientific, & technical consulting services	20	6 276	3 786	588	87	27.4	12.0
5418	Advertising & related services	7	2 299	292	58	12	48.8	—
5419	Other professional, scientific, & technical services	13	D	D	D	b	D	D
54192	Photographic services	12	D	D	D	b	D	D
LAS VEGAS, NV-AZ MSA								
54	Professional, scientific, & technical services	2 560	2 152 379	845 172	188 490	20 871	18.9	8.3
541	Professional, scientific, & technical services	2 560	2 152 379	845 172	188 490	20 871	18.9	8.3
5411	Legal services	727	481 950	227 599	41 978	4 421	22.7	7.0
54111	Offices of lawyers	684	448 017	211 061	38 483	4 006	24.2	6.3
541110	Offices of lawyers	684	448 017	211 061	38 483	4 006	24.2	6.3
5411101	Offices of lawyers (except legal aid societies)	684	448 017	211 061	38 483	4 006	24.2	6.3
54119	Other legal services	43	33 933	16 538	3 495	415	2.2	15.6
541191	Title abstract & settlement offices	26	31 636	15 981	3 353	367	.5	13.0
5412	Accounting, tax return prep, bookkeeping, & payroll services	432	141 370	56 704	13 092	2 851	26.8	14.0
54121	Accounting, tax return prep, bookkeeping, & payroll services	432	141 370	56 704	13 092	2 851	26.8	14.0
541211	Offices of certified public accountants	179	85 454	33 455	7 549	991	28.0	8.4
541213	Tax return preparation services	91	11 016	3 500	1 169	646	32.3	10.3
541219	Other accounting services	142	32 296	12 332	3 055	591	29.8	28.1
5413	Architectural, engineering, & related services	370	719 017	290 270	69 967	6 128	10.1	5.8
54131	Architectural services	85	116 165	40 305	8 917	830	14.2	1.2
541310	Architectural services	85	116 165	40 305	8 917	830	14.2	1.2
54133	Engineering services	215	564 822	232 398	56 964	4 784	8.5	6.8
541330	Engineering services	215	564 822	232 398	56 964	4 784	8.5	6.8
54137	Surveying & mapping (except geophysical) services	38	22 593	10 422	2 385	264	28.1	1.6
541370	Surveying & mapping (except geophysical) services	38	22 593	10 422	2 385	264	28.1	1.6
54138	Testing laboratories	16	13 717	6 503	1 574	201	4.2	8.6
541380	Testing laboratories	16	13 717	6 503	1 574	201	4.2	8.6
5414	Specialized design services	105	60 336	12 371	2 877	380	49.5	4.6
54141	Interior design services	63	40 108	8 152	2 012	256	49.1	4.6
541410	Interior design services	63	40 108	8 152	2 012	256	49.1	4.6
54143	Graphic design services	37	17 261	3 818	775	110	43.9	4.8
541430	Graphic design services	37	17 261	3 818	775	110	43.9	4.8
5414301	Graphic design services (except commercial art & medical artists) ..	32	D	D	D	c	D	D
5415	Computer systems design & related services	191	104 775	39 688	8 529	1 001	20.2	12.4
54151	Computer systems design & related services	191	104 775	39 688	8 529	1 001	20.2	12.4
541511	Custom computer programming services	84	34 280	14 536	3 055	291	28.6	18.0
541512	Computer systems design services	82	61 243	20 435	4 537	545	15.1	8.6
5415121	Computer systems integrators	26	33 774	11 335	2 697	342	6.1	11.3
5415122	Computer systems consultants (except systems integrators)	56	27 469	9 100	1 840	203	26.2	5.4
541519	Other computer related services	21	D	D	D	b	D	D
5416	Management, scientific, & technical consulting services	393	224 384	72 374	16 583	1 968	28.6	19.4
54161	Management consulting services	326	181 114	63 754	13 452	1 541	31.3	20.9
541611	Administrative management & general management consulting service	182	103 838	37 704	7 378	699	25.0	15.3
541612	Human resources & executive search consulting services	35	11 606	4 911	1 100	268	66.5	4.0
5416122	Executive placement services	17	D	D	D	c	D	D
541613	Marketing consulting services	85	56 513	18 517	4 369	519	38.4	37.8
541618	Other management consulting services	13	D	D	D	a	D	D
54162	Environmental consulting services	15	30 966	3 674	2 115	297	6.6	9.4
541620	Environmental consulting services	15	30 966	3 674	2 115	297	6.6	9.4
54169	Other scientific & technical consulting services	52	12 304	4 946	1 016	130	44.4	23.5
541690	Other scientific & technical consulting services	52	12 304	4 946	1 016	130	44.4	23.5
5417	Scientific research & development services	26	142 197	82 663	21 591	1 749	1.7	.8
54171	R&D in the physical, engineering, & life sciences	24	D	D	D	g	D	D
541710	R&D in the physical, engineering, & life sciences	24	D	D	D	g	D	D
5417101	R&D in the physical & engineering sciences	18	138 656	81 240	21 315	1 725	.7	.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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
LAS VEGAS, NV—AZ MSA—Con.								
54	Professional, scientific, & technical services—Con.							
541	Professional, scientific, & technical services—Con.							
5418	Advertising & related services	208	228 306	52 651	11 296	1 696	26.0	7.7
54181	Advertising agencies	73	58 766	18 759	4 092	464	53.6	6.7
541810	Advertising agencies	73	58 766	18 759	4 092	464	53.6	6.7
54182	Public relations agencies	25	12 807	4 807	862	123	24.6	2.9
541820	Public relations agencies	25	12 807	4 807	862	123	24.6	2.9
54184	Media representatives	12	12 462	2 751	591	85	46.8	50.2
541840	Media representatives	12	12 462	2 751	591	85	46.8	50.2
5418402	Publishers' advertising representatives	10	D	D	D	b	D	D
54185	Display advertising	25	45 935	7 430	1 434	212	6.4	10.1
541850	Display advertising	25	45 935	7 430	1 434	212	6.4	10.1
5418502	Outdoor advertising services	21	D	D	D	c	D	D
54186	Direct mail advertising	11	57 832	9 051	2 487	410	8.1	.1
541860	Direct mail advertising	11	57 832	9 051	2 487	410	8.1	.1
54189	Other services related to advertising	53	38 982	9 409	1 766	325	28.4	5.2
541890	Other services related to advertising	53	38 982	9 409	1 766	325	28.4	5.2
5418902	Advertising specialties goods distributor	21	20 918	4 609	1 065	149	22.7	.5
5418903	Sign painting & lettering shop	21	6 610	2 076	360	99	41.3	16.8
5418909	All other advertising	11	11 454	2 724	341	77	31.3	7.0
5419	Other professional, scientific, & technical services	108	50 044	10 852	2 577	677	17.7	9.3
54192	Photographic services	84	40 638	8 122	1 889	508	15.4	10.5
541921	Photographic studios, portrait	66	32 142	5 962	1 342	393	11.7	9.7
541922	Commercial photography	18	8 496	2 160	547	115	29.7	13.3
54199	All other professional, scientific, & technical services	15	D	D	D	b	D	D
541990	All other professional, scientific, & technical services	15	D	D	D	b	D	D
PHOENIX—MESA, AZ MSA								
54	Professional, scientific, & technical services	7 228	5 136 849	2 141 489	466 230	58 051	25.0	9.0
541	Professional, scientific, & technical services	7 228	5 136 849	2 141 489	466 230	58 051	25.0	9.0
5411	Legal services	1 690	1 173 841	564 557	117 459	10 528	19.9	5.2
54111	Offices of lawyers	1 652	1 122 699	549 662	114 304	9 777	20.3	5.4
541110	Offices of lawyers	1 652	1 122 699	549 662	114 304	9 777	20.3	5.4
5411101	Offices of lawyers (except legal aid societies)	1 652	1 122 699	549 662	114 304	9 777	20.3	5.4
54119	Other legal services	38	51 142	14 895	3 155	751	10.1	.5
541191	Title abstract & settlement offices	12	D	D	D	f	D	D
541199	All other legal services	26	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	1 176	521 637	248 069	54 481	12 735	29.4	8.7
54121	Accounting, tax return prep, bookkeeping, & payroll services	1 176	521 637	248 069	54 481	12 735	29.4	8.7
541211	Offices of certified public accountants	637	305 746	129 156	29 024	3 538	25.4	3.9
541213	Tax return preparation services	122	23 116	8 450	3 256	1 780	29.1	7.4
541214	Payroll services	36	128 211	82 859	15 928	6 048	31.8	17.6
541219	Other accounting services	381	64 564	27 604	6 273	1 369	43.9	13.8
5413	Architectural, engineering, & related services	1 248	1 236 466	544 465	119 129	13 336	24.4	6.8
54131	Architectural services	348	278 707	101 270	20 550	2 396	24.1	4.7
541310	Architectural services	348	278 707	101 270	20 550	2 396	24.1	4.7
54133	Engineering services	688	793 940	374 139	82 983	8 730	25.5	8.3
541330	Engineering services	688	793 940	374 139	82 983	8 730	25.5	8.3
54134	Drafting services	31	6 996	3 049	613	96	26.1	3.8
541340	Drafting services	31	6 996	3 049	613	96	26.1	3.8
54135	Building inspection services	38	4 973	1 983	368	66	26.9	13.1
541350	Building inspection services	38	4 973	1 983	368	66	26.9	13.1
54137	Surveying & mapping (except geophysical) services	61	20 241	10 171	2 221	333	24.1	5.0
541370	Surveying & mapping (except geophysical) services	61	20 241	10 171	2 221	333	24.1	5.0
54138	Testing laboratories	76	129 009	52 845	12 196	1 688	17.4	2.0
541380	Testing laboratories	76	129 009	52 845	12 196	1 688	17.4	2.0
5414	Specialized design services	335	174 638	41 900	9 435	1 240	39.7	8.3
54141	Interior design services	135	77 543	11 998	2 554	378	39.5	12.7
541410	Interior design services	135	77 543	11 998	2 554	378	39.5	12.7
54142	Industrial design services	12	D	D	D	c	D	D
541420	Industrial design services	12	D	D	D	c	D	D
54143	Graphic design services	182	84 909	24 040	5 199	732	43.6	5.4
541430	Graphic design services	182	84 909	24 040	5 199	732	43.6	5.4
5414301	Graphic design services (except commercial art & medical artists) ..	150	76 847	21 609	4 732	679	41.5	5.9
5414302	Commercial art	32	8 062	2 431	467	53	63.6	—
5415	Computer systems design & related services	798	691 344	318 772	71 550	6 638	16.8	15.1
54151	Computer systems design & related services	798	691 344	318 772	71 550	6 638	16.8	15.1
541511	Custom computer programming services	350	294 972	164 811	35 474	3 183	12.5	20.0
541512	Computer systems design services	336	348 486	127 436	31 404	2 963	19.1	11.1
5415121	Computer systems integrators	118	207 963	61 886	17 762	1 466	16.3	6.6
5415122	Computer systems consultants (except systems integrators)	218	140 523	65 550	13 642	1 497	23.2	17.8
541519	Other computer related services	102	D	D	D	e	D	D

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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
PHOENIX—MESA, AZ MSA—Con.								
54	Professional, scientific, & technical services—Con.							
541	Professional, scientific, & technical services—Con.							
5416	Management, scientific, & technical consulting services	1 209	683 552	261 892	54 963	6 694	35.5	12.5
54161	Management consulting services	944	568 435	224 955	46 886	5 743	33.0	11.6
541611	Administrative management & general management consulting service	453	270 962	122 445	25 360	3 081	23.4	10.3
541612	Human resources & executive search consulting services	197	113 737	51 790	11 164	1 278	37.6	13.3
5416122	Executive placement services	83	41 600	19 272	3 893	465	46.4	17.6
5416123	Human resources & personnel management consulting	104	64 836	28 811	6 291	731	35.4	12.0
541613	Marketing consulting services	207	119 122	34 787	6 804	965	38.2	11.2
541614	Process, physical distribution, & logistics consulting services	36	30 093	7 621	1 871	195	38.1	9.8
541618	Other management consulting services	51	34 521	8 312	1 687	224	70.4	19.7
54162	Environmental consulting services	66	38 152	15 186	3 341	374	37.3	16.0
541620	Environmental consulting services	66	38 152	15 186	3 341	374	37.3	16.0
54169	Other scientific & technical consulting services	199	76 965	21 751	4 736	577	53.5	16.7
541690	Other scientific & technical consulting services	199	76 965	21 751	4 736	577	53.5	16.7
5417	Scientific research & development services	63	38 034	16 122	3 549	368	29.7	25.6
54171	R&D in the physical, engineering, & life sciences	50	34 817	14 730	3 277	301	29.8	27.3
541710	R&D in the physical, engineering, & life sciences	50	34 817	14 730	3 277	301	29.8	27.3
5417101	R&D in the physical & engineering sciences	30	D	D	D	c	D	D
5418	Advertising & related services	442	470 276	100 644	24 536	4 070	27.5	9.9
54181	Advertising agencies	147	114 113	33 490	7 452	917	45.7	15.2
541810	Advertising agencies	147	114 113	33 490	7 452	917	45.7	15.2
54182	Public relations agencies	63	20 370	7 186	1 436	191	50.0	3.9
541820	Public relations agencies	63	20 370	7 186	1 436	191	50.0	3.9
54183	Media buying services	18	D	D	D	e	D	D
541830	Media buying services	18	D	D	D	e	D	D
54185	Display advertising	28	104 850	13 678	5 261	866	7.7	.2
541850	Display advertising	28	104 850	13 678	5 261	866	7.7	.2
5418501	Display advertising (except outdoor)	7	D	D	D	f	D	D
5418502	Outdoor advertising services	21	D	D	D	e	D	D
54186	Direct mail advertising	49	90 785	19 838	4 416	725	15.4	11.0
541860	Direct mail advertising	49	90 785	19 838	4 416	725	15.4	11.0
54189	Other services related to advertising	109	D	D	D	f	D	D
541890	Other services related to advertising	109	D	D	D	f	D	D
5418902	Advertising specialties goods distributor	51	44 054	8 805	2 061	596	25.2	6.6
5418903	Sign painting & lettering shop	40	9 689	2 659	644	116	26.2	10.1
5419	Other professional, scientific, & technical services	267	147 061	45 068	11 128	2 442	17.9	9.6
54191	Marketing research & public opinion polling	50	66 770	21 141	5 042	1 197	13.6	11.7
541910	Marketing research & public opinion polling	50	66 770	21 141	5 042	1 197	13.6	11.7
54192	Photographic services	183	49 245	16 183	3 670	946	27.9	12.7
541921	Photographic studios, portrait	137	33 775	11 401	2 508	781	21.8	9.5
541922	Commercial photography	46	15 470	4 782	1 162	165	41.2	19.6
54199	All other professional, scientific, & technical services	28	D	D	D	e	D	D
541990	All other professional, scientific, & technical services	28	D	D	D	e	D	D
TUCSON, AZ MSA								
54	Professional, scientific, & technical services	1 811	1 124 155	430 888	92 476	12 214	22.9	8.9
541	Professional, scientific, & technical services	1 811	1 124 155	430 888	92 476	12 214	22.9	8.9
5411	Legal services	529	239 504	110 014	22 185	2 499	26.8	6.9
54111	Offices of lawyers	514	216 900	99 184	20 064	2 215	29.2	7.3
541110	Offices of lawyers	514	216 900	99 184	20 064	2 215	29.2	7.3
5411101	Offices of lawyers (except legal aid societies)	514	216 900	99 184	20 064	2 215	29.2	7.3
54119	Other legal services	15	22 604	10 830	2 121	284	4.5	2.8
541191	Title abstract & settlement offices	7	D	D	D	c	D	D
541199	All other legal services	8	D	D	D	b	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	313	78 730	35 999	8 255	1 972	35.4	10.8
54121	Accounting, tax return prep, bookkeeping, & payroll services	313	78 730	35 999	8 255	1 972	35.4	10.8
541211	Offices of certified public accountants	166	51 056	24 103	4 962	722	37.1	5.7
541213	Tax return preparation services	42	6 804	2 732	1 087	557	21.1	1.0
541219	Other accounting services	98	12 742	5 156	1 343	314	57.0	14.0
5413	Architectural, engineering, & related services	347	242 416	107 651	22 652	2 805	26.5	4.1
54131	Architectural services	90	36 448	13 177	2 678	432	33.7	1.8
541310	Architectural services	90	36 448	13 177	2 678	432	33.7	1.8
54133	Engineering services	191	186 664	85 052	18 182	2 022	24.9	3.4
541330	Engineering services	191	186 664	85 052	18 182	2 022	24.9	3.4
54137	Surveying & mapping (except geophysical) services	32	9 855	4 651	967	156	25.0	9.1
541370	Surveying & mapping (except geophysical) services	32	9 855	4 651	967	156	25.0	9.1
54138	Testing laboratories	15	7 192	3 881	613	142	21.2	28.7
541380	Testing laboratories	15	7 192	3 881	613	142	21.2	28.7
5414	Specialized design services	62	18 407	4 284	842	173	49.1	7.3
54141	Interior design services	22	9 799	1 941	385	75	32.1	1.5
541410	Interior design services	22	9 799	1 941	385	75	32.1	1.5
54143	Graphic design services	35	D	D	D	b	D	D
541430	Graphic design services	35	D	D	D	b	D	D
5414301	Graphic design services (except commercial art & medical artists) ..	32	D	D	D	b	D	D

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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
TUCSON, AZ MSA—Con.								
54	Professional, scientific, & technical services—Con.							
541	Professional, scientific, & technical services—Con.							
5415	Computer systems design & related services	130	231 838	80 655	17 886	1 714	11.1	10.8
54151	Computer systems design & related services	130	231 838	80 655	17 886	1 714	11.1	10.8
541511	Custom computer programming services	52	D	D	D	e	D	D
541512	Computer systems design services	52	106 692	42 232	9 045	867	9.6	4.6
5415121	Computer systems integrators	21	D	D	D	f	D	D
5415122	Computer systems consultants (except systems integrators)	31	D	D	D	b	D	D
541513	Computer facilities management services	5	D	D	D	e	D	D
541519	Other computer related services	21	D	D	D	b	D	D
5416	Management, scientific, & technical consulting services	219	76 957	30 061	6 351	868	28.9	30.8
54161	Management consulting services	138	52 268	19 828	4 007	575	30.8	37.5
541611	Administrative management & general management consulting service	70	22 809	10 423	2 042	322	27.6	14.5
541612	Human resources & executive search consulting services	24	16 024	5 695	1 095	139	25.3	69.4
5416122	Executive placement services	8	4 609	1 244	232	21	13.7	72.5
5416123	Human resources & personnel management consulting	16	11 415	4 451	863	118	30.0	68.2
541613	Marketing consulting services	25	D	D	D	b	D	D
541618	Other management consulting services	12	D	D	D	b	D	D
54162	Environmental consulting services	30	8 854	3 694	890	119	40.0	3.1
541620	Environmental consulting services	30	8 854	3 694	890	119	40.0	3.1
54169	Other scientific & technical consulting services	51	15 835	6 539	1 454	174	16.3	24.2
541690	Other scientific & technical consulting services	51	15 835	6 539	1 454	174	16.3	24.2
5417	Scientific research & development services	45	138 649	36 635	8 678	792	4.0	4.6
54171	R&D in the physical, engineering, & life sciences	35	130 163	33 476	8 176	684	3.6	3.6
541710	R&D in the physical, engineering, & life sciences	35	130 163	33 476	8 176	684	3.6	3.6
5417101	R&D in the physical & engineering sciences	21	115 412	28 765	7 334	565	.5	2.8
5417102	Research & development in the life sciences	14	14 751	4 711	842	119	27.5	9.2
54172	Research & development in the social sciences & humanities	10	8 486	3 159	502	108	11.1	19.8
541720	R&D in the social sciences & humanities	10	8 486	3 159	502	108	11.1	19.8
5418	Advertising & related services	105	72 166	15 772	3 437	636	45.6	11.7
54181	Advertising agencies	39	28 436	4 736	1 071	181	73.5	19.8
541810	Advertising agencies	39	28 436	4 736	1 071	181	73.5	19.8
54185	Display advertising	14	18 098	4 931	1 010	149	4.0	5.7
541850	Display advertising	14	18 098	4 931	1 010	149	4.0	5.7
5418502	Outdoor advertising services	12	D	D	D	c	D	D
54189	Other services related to advertising	29	D	D	D	c	D	D
541890	Other services related to advertising	29	D	D	D	c	D	D
5418902	Advertising specialties goods distributor	11	D	D	D	b	D	D
5418903	Sign painting & lettering shop	13	D	D	D	b	D	D
5419	Other professional, scientific, & technical services	61	25 488	9 817	2 190	755	21.7	1.4
54191	Marketing research & public opinion polling	9	D	D	D	f	D	D
541910	Marketing research & public opinion polling	9	D	D	D	f	D	D
54192	Photographic services	41	8 320	2 176	472	179	41.3	.2
541921	Photographic studios, portrait	33	7 111	1 786	386	152	42.1	.2
YUMA, AZ MSA								
54	Professional, scientific, & technical services	148	48 144	17 274	3 875	666	33.9	10.9
541	Professional, scientific, & technical services	148	48 144	17 274	3 875	666	33.9	10.9
5411	Legal services	59	16 562	5 614	1 040	196	49.9	20.0
54111	Offices of lawyers	56	D	D	D	c	D	D
541110	Offices of lawyers	56	D	D	D	c	D	D
5411101	Offices of lawyers (except legal aid societies)	56	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	42	9 502	4 917	1 281	236	50.8	3.0
54121	Accounting, tax return prep, bookkeeping, & payroll services	42	9 502	4 917	1 281	236	50.8	3.0
541211	Offices of certified public accountants	22	4 981	2 098	529	105	74.0	2.6
541213	Tax return preparation services	9	D	D	D	b	D	D
5413	Architectural, engineering, & related services	20	11 790	3 912	928	122	17.7	1.8
54133	Engineering services	10	9 307	3 080	690	93	11.6	.1
541330	Engineering services	10	9 307	3 080	690	93	11.6	.1
5418	Advertising & related services	5	2 878	400	86	19	1.6	22.9

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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
AREA OUTSIDE ARIZONA METROPOLITAN AREAS								
54	Professional, scientific, & technical services	657	268 462	103 427	25 618	3 564	27.9	8.3
541	Professional, scientific, & technical services	657	268 462	103 427	25 618	3 564	27.9	8.3
5411	Legal services	154	D	D	D	f	D	D
54111	Offices of lawyers	145	33 694	10 911	2 395	432	46.9	6.1
541110	Offices of lawyers	145	33 694	10 911	2 395	432	46.9	6.1
5411101	Offices of lawyers (except legal aid societies)	145	33 694	10 911	2 395	432	46.9	6.1
54119	Other legal services	9	D	D	D	b	D	D
541191	Title abstract & settlement offices	7	D	D	D	b	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	169	D	D	D	f	D	D
54121	Accounting, tax return prep, bookkeeping, & payroll services	169	D	D	D	f	D	D
541211	Offices of certified public accountants	62	D	D	D	c	D	D
541213	Tax return preparation services	39	D	D	D	c	D	D
541219	Other accounting services	67	6 858	2 796	674	189	64.3	17.3
5413	Architectural, engineering, & related services	145	D	D	D	g	D	D
54131	Architectural services	20	D	D	D	b	D	D
541310	Architectural services	20	D	D	D	b	D	D
54133	Engineering services	79	D	D	D	f	D	D
541330	Engineering services	79	D	D	D	f	D	D
54137	Surveying & mapping (except geophysical) services	32	3 725	1 806	402	89	50.5	9.9
541370	Surveying & mapping (except geophysical) services	32	3 725	1 806	402	89	50.5	9.9
5414	Specialized design services	18	2 421	586	168	34	45.6	2.9
54143	Graphic design services	8	D	D	D	b	D	D
541430	Graphic design services	8	D	D	D	b	D	D
5415	Computer systems design & related services	40	D	D	D	f	D	D
54151	Computer systems design & related services	40	D	D	D	f	D	D
541512	Computer systems design services	19	D	D	D	f	D	D
5415122	Computer systems consultants (except systems integrators)	10	D	D	D	f	D	D
5416	Management, scientific, & technical consulting services	80	D	D	D	c	D	D
54161	Management consulting services	55	D	D	D	c	D	D
541611	Administrative management & general management consulting service	32	D	D	D	b	D	D
54169	Other scientific & technical consulting services	18	D	D	D	b	D	D
541690	Other scientific & technical consulting services	18	D	D	D	b	D	D
5417	Scientific research & development services	13	D	D	D	e	D	D
54171	R&D in the physical, engineering, & life sciences	10	D	D	D	c	D	D
541710	R&D in the physical, engineering, & life sciences	10	D	D	D	c	D	D
5417101	R&D in the physical & engineering sciences	8	D	D	D	c	D	D
5418	Advertising & related services	17	2 456	525	123	30	49.3	10.9
5419	Other professional, scientific, & technical services	21	D	D	D	b	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]

NAICS code	Geographic area and kind of business	Establishments (number)	Revenue (\$1,000)	Expenses (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
								From administrative records ¹	Estimated ²
FLAGSTAFF, AZ-UT MSA									
54	Professional, scientific, & technical services ..	8	7 806	6 583	3 390	825	103	7.2	1.0
541	Professional, scientific, & technical services	8	7 806	6 583	3 390	825	103	7.2	1.0
5417	Scientific research & development services	6	D	D	D	D	b	D	D
LAS VEGAS, NV-AZ MSA									
54	Professional, scientific, & technical services ..	15	5 726	5 238	2 836	654	87	12.6	2.5
541	Professional, scientific, & technical services	15	5 726	5 238	2 836	654	87	12.6	2.5
5411	Legal services	7	3 810	3 567	2 178	504	70	7.0	2.0
54111	Offices of lawyers	7	3 810	3 567	2 178	504	70	7.0	2.0
541110	Offices of lawyers	7	3 810	3 567	2 178	504	70	7.0	2.0
5411102	Legal aid societies & similar legal services	7	3 810	3 567	2 178	504	70	7.0	2.0

See footnotes at end of table.

Table 2b. Summary Statistics for Firms Exempt From 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]

NAICS code	Geographic area and kind of business	Establishments (number)	Revenue (\$1,000)	Expenses (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
								From administrative records ¹	Estimated ²
PHOENIX—MESA, AZ MSA									
54	Professional, scientific, & technical services ..	44	37 910	35 893	14 279	3 365	535	9.3	8.7
541	Professional, scientific, & technical services	44	37 910	35 893	14 279	3 365	535	9.3	8.7
5411	Legal services	18	7 596	7 241	4 302	1 002	164	8.7	8.4
54111	Offices of lawyers	18	7 596	7 241	4 302	1 002	164	8.7	8.4
541110	Offices of lawyers	18	7 596	7 241	4 302	1 002	164	8.7	8.4
5411102	Legal aid societies & similar legal services	18	7 596	7 241	4 302	1 002	164	8.7	8.4
5417	Scientific research & development services	26	30 314	28 652	9 977	2 363	371	9.5	8.8
54171	R&D in the physical, engineering, & life sciences	21	D	D	D	D	e	D	D
541710	R&D in the physical, engineering, & life sciences ...	21	D	D	D	D	e	D	D
TUCSON, AZ MSA									
54	Professional, scientific, & technical services ..	21	39 719	40 345	21 516	5 075	506	6.8	2.4
541	Professional, scientific, & technical services	21	39 719	40 345	21 516	5 075	506	6.8	2.4
5411	Legal services	8	3 268	3 221	2 163	511	87	12.7	3.1
54111	Offices of lawyers	8	3 268	3 221	2 163	511	87	12.7	3.1
541110	Offices of lawyers	8	3 268	3 221	2 163	511	87	12.7	3.1
5411102	Legal aid societies & similar legal services	8	3 268	3 221	2 163	511	87	12.7	3.1
5417	Scientific research & development services	13	36 451	37 124	19 353	4 564	419	6.3	2.3
54171	R&D in the physical, engineering, & life sciences	11	D	D	D	D	e	D	D
541710	R&D in the physical, engineering, & life sciences ...	11	D	D	D	D	e	D	D
5417101	R&D in the physical & engineering sciences	4	D	D	D	D	e	D	D
YUMA, AZ MSA									
54	Professional, scientific, & technical services ..	1	D	D	D	D	a	D	D
AREA OUTSIDE ARIZONA METROPOLITAN AREAS									
54	Professional, scientific, & technical services ..	17	D	D	D	D	c	D	D
541	Professional, scientific, & technical services	17	D	D	D	D	c	D	D
5417	Scientific research & development services	6	D	D	D	D	b	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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
APACHE COUNTY, AZ								
54	Professional, scientific, & technical services	26	5 575	1 462	384	99	65.2	12.6
541	Professional, scientific, & technical services	26	5 575	1 462	384	99	65.2	12.6
5413	Architectural, engineering, & related services	6	1 690	474	86	17	100.0	—

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
COCHISE COUNTY, AZ								
54	Professional, scientific, & technical services	127	148 170	61 882	16 303	1 731	7.8	5.9
541	Professional, scientific, & technical services	127	148 170	61 882	16 303	1 731	7.8	5.9
5411	Legal services	30	7 550	3 604	745	121	47.8	—
54111	Offices of lawyers	29	D	D	D	b	D	D
541110	Offices of lawyers	29	D	D	D	b	D	D
5411101	Offices of lawyers (except legal aid societies)	29	D	D	D	b	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	24	D	D	D	b	D	D
54121	Accounting, tax return prep, bookkeeping, & payroll services	24	D	D	D	b	D	D
5413	Architectural, engineering, & related services	33	45 388	22 176	5 449	546	8.3	18.5
54133	Engineering services	18	41 179	21 281	5 068	478	7.5	20.4
541330	Engineering services	18	41 179	21 281	5 068	478	7.5	20.4
5415	Computer systems design & related services	17	56 044	26 056	7 583	700	1.3	—
54151	Computer systems design & related services	17	56 044	26 056	7 583	700	1.3	—
541512	Computer systems design services	11	52 192	24 443	7 170	647	1.4	—
5415122	Computer systems consultants (except systems integrators)	7	D	D	D	f	D	D
5417	Scientific research & development services	7	D	D	D	c	D	D
54171	R&D in the physical, engineering, & life sciences	7	D	D	D	c	D	D
541710	R&D in the physical, engineering, & life sciences	7	D	D	D	c	D	D
5417101	R&D in the physical & engineering sciences	6	D	D	D	c	D	D
COCONINO COUNTY, AZ								
54	Professional, scientific, & technical services	181	58 836	21 618	4 754	777	44.4	14.1
541	Professional, scientific, & technical services	181	58 836	21 618	4 754	777	44.4	14.1
5411	Legal services	52	D	D	D	c	D	D
54111	Offices of lawyers	49	D	D	D	c	D	D
541110	Offices of lawyers	49	D	D	D	c	D	D
5411101	Offices of lawyers (except legal aid societies)	49	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	41	D	D	D	c	D	D
54121	Accounting, tax return prep, bookkeeping, & payroll services	41	D	D	D	c	D	D
541211	Offices of certified public accountants	26	D	D	D	b	D	D
541213	Tax return preparation services	3	D	D	D	b	D	D
541219	Other accounting services	11	1 604	600	92	28	96.3	1.7
5413	Architectural, engineering, & related services	35	D	D	D	c	D	D
5416	Management, scientific, & technical consulting services	19	D	D	D	b	D	D
5418	Advertising & related services	7	2 299	292	58	12	48.8	—
5419	Other professional, scientific, & technical services	13	D	D	D	b	D	D
54192	Photographic services	12	D	D	D	b	D	D
GILA COUNTY, AZ								
54	Professional, scientific, & technical services	63	12 829	4 440	1 018	191	44.8	8.6
541	Professional, scientific, & technical services	63	12 829	4 440	1 018	191	44.8	8.6
5411	Legal services	15	3 241	1 068	228	48	27.2	9.1
5412	Accounting, tax return prep, bookkeeping, & payroll services	20	1 533	454	114	38	68.8	16.3
54121	Accounting, tax return prep, bookkeeping, & payroll services	20	1 533	454	114	38	68.8	16.3
5413	Architectural, engineering, & related services	15	5 991	2 061	486	71	42.6	4.8
GRAHAM COUNTY, AZ								
54	Professional, scientific, & technical services	21	2 989	1 223	298	71	49.9	23.0
541	Professional, scientific, & technical services	21	2 989	1 223	298	71	49.9	23.0
5412	Accounting, tax return prep, bookkeeping, & payroll services	8	1 415	629	158	43	65.0	35.0
54121	Accounting, tax return prep, bookkeeping, & payroll services	8	1 415	629	158	43	65.0	35.0
GREENLEE COUNTY, AZ								
54	Professional, scientific, & technical services	3	371	73	29	13	65.0	35.0
LA PAZ COUNTY, AZ								
54	Professional, scientific, & technical services	12	2 291	737	178	39	77.5	22.5
541	Professional, scientific, & technical services	12	2 291	737	178	39	77.5	22.5

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
MARICOPA COUNTY, AZ								
54	Professional, scientific, & technical services	7 158	5 115 017	2 134 075	464 468	57 583	25.0	9.0
541	Professional, scientific, & technical services	7 158	5 115 017	2 134 075	464 468	57 583	25.0	9.0
5411	Legal services	1 670	1 167 381	561 794	116 784	10 380	19.9	5.2
54111	Offices of lawyers	1 635	D	D	D	i	D	D
541110	Offices of lawyers	1 635	D	D	D	i	D	D
5411101	Offices of lawyers (except legal aid societies)	1 635	D	D	D	i	D	D
54119	Other legal services	35	D	D	D	f	D	D
541191	Title abstract & settlement offices	11	39 551	10 621	2 149	502	3.4	—
541199	All other legal services	24	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	1 157	518 371	246 933	54 152	12 676	29.3	8.7
54121	Accounting, tax return prep, bookkeeping, & payroll services	1 157	518 371	246 933	54 152	12 676	29.3	8.7
541211	Offices of certified public accountants	632	D	D	D	h	D	D
541213	Tax return preparation services	118	22 785	8 380	3 226	1 762	28.8	6.8
541214	Payroll services	34	D	D	D	i	D	D
541219	Other accounting services	373	63 862	27 377	6 215	1 354	43.5	13.8
5413	Architectural, engineering, & related services	1 238	D	D	D	j	D	D
54131	Architectural services	348	278 707	101 270	20 550	2 396	24.1	4.7
541310	Architectural services	348	278 707	101 270	20 550	2 396	24.1	4.7
54133	Engineering services	683	793 499	373 991	82 953	8 722	25.4	8.3
541330	Engineering services	683	793 499	373 991	82 953	8 722	25.4	8.3
54134	Drafting services	31	6 996	3 049	613	96	26.1	3.8
541340	Drafting services	31	6 996	3 049	613	96	26.1	3.8
54135	Building inspection services	38	4 973	1 983	368	66	26.9	13.1
541350	Building inspection services	38	4 973	1 983	368	66	26.9	13.1
54137	Surveying & mapping (except geophysical) services	57	19 947	10 064	2 203	328	23.1	4.9
541370	Surveying & mapping (except geophysical) services	57	19 947	10 064	2 203	328	23.1	4.9
54138	Testing laboratories	75	D	D	D	g	D	D
541380	Testing laboratories	75	D	D	D	g	D	D
5414	Specialized design services	334	D	D	D	g	D	D
54141	Interior design services	135	77 543	11 998	2 554	378	39.5	12.7
541410	Interior design services	135	77 543	11 998	2 554	378	39.5	12.7
54142	Industrial design services	12	D	D	D	c	D	D
541420	Industrial design services	12	D	D	D	c	D	D
54143	Graphic design services	181	D	D	D	f	D	D
541430	Graphic design services	181	D	D	D	f	D	D
5414301	Graphic design services (except commercial art & medical artists) ..	149	D	D	D	f	D	D
5414302	Commercial art	32	8 062	2 431	467	53	63.6	—
5415	Computer systems design & related services	796	D	D	D	i	D	D
54151	Computer systems design & related services	796	D	D	D	i	D	D
541511	Custom computer programming services	349	D	D	D	h	D	D
541512	Computer systems design services	336	348 486	127 436	31 404	2 963	19.1	11.1
5415121	Computer systems integrators	118	207 963	61 886	17 762	1 466	16.3	6.6
5415122	Computer systems consultants (except systems integrators)	218	140 523	65 550	13 642	1 497	23.2	17.8
541519	Other computer related services	101	D	D	D	e	D	D
5416	Management, scientific, & technical consulting services	1 199	679 902	259 646	54 472	6 485	35.3	12.5
54161	Management consulting services	937	565 672	222 890	46 417	5 542	32.8	11.7
541611	Administrative management & general management consulting service	450	D	D	D	h	D	D
541612	Human resources & executive search consulting services	196	D	D	D	g	D	D
5416122	Executive placement services	83	41 600	19 272	3 893	465	46.4	17.6
5416123	Human resources & personnel management consulting	103	D	D	D	f	D	D
541613	Marketing consulting services	204	D	D	D	f	D	D
541614	Process, physical distribution, & logistics consulting services	36	30 093	7 621	1 871	195	38.1	9.8
541618	Other management consulting services	51	34 521	8 312	1 687	224	70.4	19.7
54162	Environmental consulting services	65	D	D	D	e	D	D
541620	Environmental consulting services	65	D	D	D	e	D	D
54169	Other scientific & technical consulting services	197	D	D	D	f	D	D
541690	Other scientific & technical consulting services	197	D	D	D	f	D	D
5417	Scientific research & development services	62	D	D	D	e	D	D
54171	R&D in the physical, engineering, & life sciences	49	D	D	D	e	D	D
541710	R&D in the physical, engineering, & life sciences	49	D	D	D	e	D	D
5417101	R&D in the physical & engineering sciences	30	D	D	D	c	D	D
5418	Advertising & related services	440	D	D	D	h	D	D
54181	Advertising agencies	147	114 113	33 490	7 452	917	45.7	15.2
541810	Advertising agencies	147	114 113	33 490	7 452	917	45.7	15.2
54182	Public relations agencies	61	D	D	D	c	D	D
541820	Public relations agencies	61	D	D	D	c	D	D
54183	Media buying services	18	D	D	D	e	D	D
541830	Media buying services	18	D	D	D	e	D	D
54185	Display advertising	28	104 850	13 678	5 261	866	7.7	.2
541850	Display advertising	28	104 850	13 678	5 261	866	7.7	.2
5418501	Display advertising (except outdoor)	7	D	D	D	f	D	D
5418502	Outdoor advertising services	21	D	D	D	e	D	D
54186	Direct mail advertising	49	90 785	19 838	4 416	725	15.4	11.0
541860	Direct mail advertising	49	90 785	19 838	4 416	725	15.4	11.0
54189	Other services related to advertising	109	D	D	D	f	D	D
541890	Other services related to advertising	109	D	D	D	f	D	D
5418902	Advertising specialties goods distributor	51	44 054	8 805	2 061	596	25.2	6.6
5418903	Sign painting & lettering shop	40	9 689	2 659	644	116	26.2	10.1

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
MARICOPA COUNTY, AZ—Con.								
54	Professional, scientific, & technical services—Con.							
541	Professional, scientific, & technical services—Con.							
5419	Other professional, scientific, & technical services	262	146 726	45 030	11 117	2 437	17.8	9.7
54191	Marketing research & public opinion polling	50	66 770	21 141	5 042	1 197	13.6	11.7
541910	Marketing research & public opinion polling	50	66 770	21 141	5 042	1 197	13.6	11.7
54192	Photographic services	178	48 910	16 145	3 659	941	27.8	12.8
541921	Photographic studios, portrait	132	33 440	11 363	2 497	776	21.6	9.6
541922	Commercial photography	46	15 470	4 782	1 162	165	41.2	19.6
54199	All other professional, scientific, & technical services	28	D	D	D	e	D	D
541990	All other professional, scientific, & technical services	28	D	D	D	e	D	D
MOHAVE COUNTY, AZ								
54	Professional, scientific, & technical services	138	32 987	10 044	2 473	517	47.1	13.8
541	Professional, scientific, & technical services	138	32 987	10 044	2 473	517	47.1	13.8
5411	Legal services	37	8 317	2 522	547	106	41.1	6.9
54111	Offices of lawyers	34	8 094	2 450	525	100	42.0	4.6
541110	Offices of lawyers	34	8 094	2 450	525	100	42.0	4.6
5411101	Offices of lawyers (except legal aid societies)	34	8 094	2 450	525	100	42.0	4.6
5412	Accounting, tax return prep, bookkeeping, & payroll services	42	D	D	D	c	D	D
54121	Accounting, tax return prep, bookkeeping, & payroll services	42	D	D	D	c	D	D
541211	Offices of certified public accountants	17	4 076	1 873	422	94	62.1	6.2
541213	Tax return preparation services	8	D	D	D	b	D	D
541219	Other accounting services	16	D	D	D	b	D	D
5413	Architectural, engineering, & related services	23	6 241	2 587	637	100	64.7	1.8
5418	Advertising & related services	7	5 659	777	207	22	11.7	52.2
5419	Other professional, scientific, & technical services	8	D	D	D	b	D	D
NAVAJO COUNTY, AZ								
54	Professional, scientific, & technical services	59	16 176	4 362	1 087	234	54.0	25.3
541	Professional, scientific, & technical services	59	16 176	4 362	1 087	234	54.0	25.3
5412	Accounting, tax return prep, bookkeeping, & payroll services	18	2 956	1 226	433	83	57.9	7.0
54121	Accounting, tax return prep, bookkeeping, & payroll services	18	2 956	1 226	433	83	57.9	7.0
5413	Architectural, engineering, & related services	18	9 095	1 799	407	92	48.7	35.2
PIMA COUNTY, AZ								
54	Professional, scientific, & technical services	1 811	1 124 155	430 888	92 476	12 214	22.9	8.9
541	Professional, scientific, & technical services	1 811	1 124 155	430 888	92 476	12 214	22.9	8.9
5411	Legal services	529	239 504	110 014	22 185	2 499	26.8	6.9
54111	Offices of lawyers	514	216 900	99 184	20 064	2 215	29.2	7.3
541110	Offices of lawyers	514	216 900	99 184	20 064	2 215	29.2	7.3
5411101	Offices of lawyers (except legal aid societies)	514	216 900	99 184	20 064	2 215	29.2	7.3
54119	Other legal services	15	22 604	10 830	2 121	284	4.5	2.8
541191	Title abstract & settlement offices	7	D	D	D	c	D	D
541199	All other legal services	8	D	D	D	b	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	313	78 730	35 999	8 255	1 972	35.4	10.8
54121	Accounting, tax return prep, bookkeeping, & payroll services	313	78 730	35 999	8 255	1 972	35.4	10.8
541211	Offices of certified public accountants	166	51 056	24 103	4 962	722	37.1	5.7
541213	Tax return preparation services	42	6 804	2 732	1 087	557	21.1	1.0
541219	Other accounting services	98	12 742	5 156	1 343	314	57.0	14.0
5413	Architectural, engineering, & related services	347	242 416	107 651	22 652	2 805	26.5	4.1
54131	Architectural services	90	36 448	13 177	2 678	432	33.7	1.8
541310	Architectural services	90	36 448	13 177	2 678	432	33.7	1.8
54133	Engineering services	191	186 664	85 052	18 182	2 022	24.9	3.4
541330	Engineering services	191	186 664	85 052	18 182	2 022	24.9	3.4
54137	Surveying & mapping (except geophysical) services	32	9 855	4 651	967	156	25.0	9.1
541370	Surveying & mapping (except geophysical) services	32	9 855	4 651	967	156	25.0	9.1
54138	Testing laboratories	15	7 192	3 881	613	142	21.2	28.7
541380	Testing laboratories	15	7 192	3 881	613	142	21.2	28.7
5414	Specialized design services	62	18 407	4 284	842	173	49.1	7.3
54141	Interior design services	22	9 799	1 941	385	75	32.1	1.5
541410	Interior design services	22	9 799	1 941	385	75	32.1	1.5
54143	Graphic design services	35	D	D	D	b	D	D
541430	Graphic design services	35	D	D	D	b	D	D
5414301	Graphic design services (except commercial art & medical artists) ..	32	D	D	D	b	D	D
5415	Computer systems design & related services	130	231 838	80 655	17 886	1 714	11.1	10.8
54151	Computer systems design & related services	130	231 838	80 655	17 886	1 714	11.1	10.8
541511	Custom computer programming services	52	D	D	D	e	D	D
541512	Computer systems design services	52	106 692	42 232	9 045	867	9.6	4.6
5415121	Computer systems integrators	21	D	D	D	f	D	D
5415122	Computer systems consultants (except systems integrators)	31	D	D	D	b	D	D
541513	Computer facilities management services	5	D	D	D	e	D	D
541519	Other computer related services	21	D	D	D	b	D	D

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
PIMA COUNTY, AZ—Con.								
54	Professional, scientific, & technical services—Con.							
541	Professional, scientific, & technical services—Con.							
5416	Management, scientific, & technical consulting services	219	76 957	30 061	6 351	868	28.9	30.8
54161	Management consulting services	138	52 268	19 828	4 007	575	30.8	37.5
541611	Administrative management & general management consulting service	70	22 809	10 423	2 042	322	27.6	14.5
541612	Human resources & executive search consulting services	24	16 024	5 695	1 095	139	25.3	69.4
5416122	Executive placement services	8	4 609	1 244	232	21	13.7	72.5
5416123	Human resources & personnel management consulting	16	11 415	4 451	863	118	30.0	68.2
541613	Marketing consulting services	25	D	D	D	b	D	D
541618	Other management consulting services	12	D	D	D	b	D	D
54162	Environmental consulting services	30	8 854	3 694	890	119	40.0	3.1
541620	Environmental consulting services	30	8 854	3 694	890	119	40.0	3.1
54169	Other scientific & technical consulting services	51	15 835	6 539	1 454	174	16.3	24.2
541690	Other scientific & technical consulting services	51	15 835	6 539	1 454	174	16.3	24.2
5417	Scientific research & development services	45	138 649	36 635	8 678	792	4.0	4.6
54171	R&D in the physical, engineering, & life sciences	35	130 163	33 476	8 176	684	3.6	3.6
541710	R&D in the physical, engineering, & life sciences	35	130 163	33 476	8 176	684	3.6	3.6
5417101	R&D in the physical & engineering sciences	21	115 412	28 765	7 334	565	.5	2.8
5417102	Research & development in the life sciences	14	14 751	4 711	842	119	27.5	9.2
54172	Research & development in the social sciences & humanities	10	8 486	3 159	502	108	11.1	19.8
541720	R&D in the social sciences & humanities	10	8 486	3 159	502	108	11.1	19.8
5418	Advertising & related services	105	72 166	15 772	3 437	636	45.6	11.7
54181	Advertising agencies	39	28 436	4 736	1 071	181	73.5	19.8
541810	Advertising agencies	39	28 436	4 736	1 071	181	73.5	19.8
54185	Display advertising	14	18 098	4 931	1 010	149	4.0	5.7
541850	Display advertising	14	18 098	4 931	1 010	149	4.0	5.7
5418502	Outdoor advertising services	12	D	D	D	c	D	D
54189	Other services related to advertising	29	D	D	D	c	D	D
541890	Other services related to advertising	29	D	D	D	c	D	D
5418902	Advertising specialties goods distributor	11	D	D	D	b	D	D
5418903	Sign painting & lettering shop	13	D	D	D	b	D	D
5419	Other professional, scientific, & technical services	61	25 488	9 817	2 190	755	21.7	1.4
54191	Marketing research & public opinion polling	9	D	D	D	f	D	D
541910	Marketing research & public opinion polling	9	D	D	D	f	D	D
54192	Photographic services	41	8 320	2 176	472	179	41.3	.2
541921	Photographic studios, portrait	33	7 111	1 786	386	152	42.1	.2
PINAL COUNTY, AZ								
54	Professional, scientific, & technical services	70	21 832	7 414	1 762	468	32.5	3.3
541	Professional, scientific, & technical services	70	21 832	7 414	1 762	468	32.5	3.3
5411	Legal services	20	6 460	2 763	675	148	15.2	2.6
54111	Offices of lawyers	17	D	D	D	b	D	D
541110	Offices of lawyers	17	D	D	D	b	D	D
5411101	Offices of lawyers (except legal aid societies)	17	D	D	D	b	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	19	3 266	1 136	329	59	53.2	7.5
54121	Accounting, tax return prep, bookkeeping, & payroll services	19	3 266	1 136	329	59	53.2	7.5
5413	Architectural, engineering, & related services	10	D	D	D	b	D	D
54138	Testing laboratories	1	D	D	D	b	D	D
541380	Testing laboratories	1	D	D	D	b	D	D
5416	Management, scientific, & technical consulting services	10	3 650	2 246	491	209	76.2	2.5
SANTA CRUZ COUNTY, AZ								
54	Professional, scientific, & technical services	42	8 943	3 846	839	143	42.0	13.4
541	Professional, scientific, & technical services	42	8 943	3 846	839	143	42.0	13.4
5412	Accounting, tax return prep, bookkeeping, & payroll services	16	3 137	1 731	372	89	37.0	4.6
54121	Accounting, tax return prep, bookkeeping, & payroll services	16	3 137	1 731	372	89	37.0	4.6
YAVAPAI COUNTY, AZ								
54	Professional, scientific, & technical services	304	71 118	25 402	5 482	1 043	53.2	7.4
541	Professional, scientific, & technical services	304	71 118	25 402	5 482	1 043	53.2	7.4
5411	Legal services	65	17 538	5 445	1 206	222	37.9	5.4
54111	Offices of lawyers	62	16 893	5 116	1 130	206	39.4	5.1
541110	Offices of lawyers	62	16 893	5 116	1 130	206	39.4	5.1
5411101	Offices of lawyers (except legal aid societies)	62	16 893	5 116	1 130	206	39.4	5.1
5412	Accounting, tax return prep, bookkeeping, & payroll services	75	9 974	3 938	965	241	68.8	6.7
54121	Accounting, tax return prep, bookkeeping, & payroll services	75	9 974	3 938	965	241	68.8	6.7
541211	Offices of certified public accountants	29	4 867	1 842	392	85	84.5	5.7
541213	Tax return preparation services	17	1 496	508	185	69	48.5	—
541219	Other accounting services	29	3 611	1 588	388	87	56.1	10.8
5413	Architectural, engineering, & related services	61	17 512	7 300	1 621	269	77.6	10.4
54133	Engineering services	35	13 148	5 727	1 265	199	76.6	13.8
541330	Engineering services	35	13 148	5 727	1 265	199	76.6	13.8
5415	Computer systems design & related services	21	D	D	D	b	D	D
54151	Computer systems design & related services	21	D	D	D	b	D	D
5416	Management, scientific, & technical consulting services	43	12 642	3 745	643	149	40.3	4.1
54161	Management consulting services	30	7 970	2 380	455	114	36.9	2.3

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
YUMA COUNTY, AZ								
54	Professional, scientific, & technical services	148	48 144	17 274	3 875	666	33.9	10.9
541	Professional, scientific, & technical services	148	48 144	17 274	3 875	666	33.9	10.9
5411	Legal services	59	16 562	5 614	1 040	196	49.9	20.0
54111	Offices of lawyers	56	D	D	D	c	D	D
541110	Offices of lawyers	56	D	D	D	c	D	D
5411101	Offices of lawyers (except legal aid societies)	56	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	42	9 502	4 917	1 281	236	50.8	3.0
54121	Accounting, tax return prep, bookkeeping, & payroll services	42	9 502	4 917	1 281	236	50.8	3.0
541211	Offices of certified public accountants	22	4 981	2 098	529	105	74.0	2.6
541213	Tax return preparation services	9	D	D	D	b	D	D
5413	Architectural, engineering, & related services	20	11 790	3 912	928	122	17.7	1.8
54133	Engineering services	10	9 307	3 080	690	93	11.6	.1
541330	Engineering services	10	9 307	3 080	690	93	11.6	.1
5418	Advertising & related services	5	2 878	400	86	19	1.6	22.9

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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
APACHE JUNCTION, AZ *								
54	Professional, scientific, & technical services	12	1 697	772	213	28	49.5	9.0
541	Professional, scientific, & technical services	12	1 697	772	213	28	49.5	9.0
APACHE JUNCTION, AZ (PINAL COUNTY PART) *								
54	Professional, scientific, & technical services	12	1 697	772	213	28	49.5	9.0
541	Professional, scientific, & technical services	12	1 697	772	213	28	49.5	9.0
AVONDALE, AZ								
54	Professional, scientific, & technical services	14	4 069	1 497	364	46	36.5	21.9
541	Professional, scientific, & technical services	14	4 069	1 497	364	46	36.5	21.9
BENSON, AZ								
54	Professional, scientific, & technical services	5	408	121	42	8	40.7	28.9
BISBEE, AZ								
54	Professional, scientific, & technical services	9	1 106	331	54	18	100.0	—
541	Professional, scientific, & technical services	9	1 106	331	54	18	100.0	—
BUCKEYE, AZ								
54	Professional, scientific, & technical services	4	D	D	D	a	D	D
541	Professional, scientific, & technical services	4	D	D	D	a	D	D
BULLHEAD CITY, AZ								
54	Professional, scientific, & technical services	37	8 203	2 507	621	156	60.5	.5
541	Professional, scientific, & technical services	37	8 203	2 507	621	156	60.5	.5
5411	Legal services	11	3 335	869	203	46	41.2	—
54111	Offices of lawyers	11	3 335	869	203	46	41.2	—
541110	Offices of lawyers	11	3 335	869	203	46	41.2	—
5411101	Offices of lawyers (except legal aid societies)	11	3 335	869	203	46	41.2	—
5412	Accounting, tax return prep, bookkeeping, & payroll services	11	D	D	D	b	D	D
54121	Accounting, tax return prep, bookkeeping, & payroll services	11	D	D	D	b	D	D
5413	Architectural, engineering, & related services	7	1 813	848	204	29	50.8	2.0

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
CAMP VERDE, AZ								
54	Professional, scientific, & technical services	9	2 977	546	106	15	19.4	—
541	Professional, scientific, & technical services	9	2 977	546	106	15	19.4	—
CASA GRANDE, AZ								
54	Professional, scientific, & technical services	22	9 465	4 715	1 133	342	36.6	2.8
541	Professional, scientific, & technical services	22	9 465	4 715	1 133	342	36.6	2.8
5411	Legal services	10	5 467	2 386	585	129	10.1	2.7
54111	Offices of lawyers	9	D	D	D	b	D	D
541110	Offices of lawyers	9	D	D	D	b	D	D
5411101	Offices of lawyers (except legal aid societies)	9	D	D	D	b	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	4	D	D	D	a	D	D
54121	Accounting, tax return prep, bookkeeping, & payroll services	4	D	D	D	a	D	D
CAVE CREEK, AZ								
54	Professional, scientific, & technical services	21	3 861	1 087	276	39	82.7	9.6
541	Professional, scientific, & technical services	21	3 861	1 087	276	39	82.7	9.6
CHANDLER, AZ								
54	Professional, scientific, & technical services	208	69 340	24 985	5 128	746	56.8	8.8
541	Professional, scientific, & technical services	208	69 340	24 985	5 128	746	56.8	8.8
5411	Legal services	29	5 344	1 516	322	60	90.1	8.2
54111	Offices of lawyers	27	D	D	D	b	D	D
541110	Offices of lawyers	27	D	D	D	b	D	D
5411101	Offices of lawyers (except legal aid societies)	27	D	D	D	b	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	37	7 337	3 079	569	132	38.0	8.6
54121	Accounting, tax return prep, bookkeeping, & payroll services	37	7 337	3 079	569	132	38.0	8.6
541219	Other accounting services	14	4 621	2 169	397	75	17.3	10.3
5413	Architectural, engineering, & related services	43	24 650	10 357	2 203	227	56.3	5.0
54133	Engineering services	26	18 304	8 355	1 760	164	51.7	2.2
541330	Engineering services	26	18 304	8 355	1 760	164	51.7	2.2
5415	Computer systems design & related services	39	12 102	4 730	786	117	37.7	8.2
54151	Computer systems design & related services	39	12 102	4 730	786	117	37.7	8.2
541512	Computer systems design services	14	6 420	1 836	327	40	27.6	11.9
5416	Management, scientific, & technical consulting services	38	9 986	3 086	686	100	62.0	26.1
54161	Management consulting services	26	7 171	2 476	549	82	64.8	18.6
5418	Advertising & related services	8	4 062	982	214	38	47.6	—
CHINO VALLEY, AZ								
54	Professional, scientific, & technical services	10	1 185	416	82	22	93.0	7.0
541	Professional, scientific, & technical services	10	1 185	416	82	22	93.0	7.0
CLARKDALE, AZ								
54	Professional, scientific, & technical services	3	260	109	26	3	D	—
CLIFTON, AZ								
54	Professional, scientific, & technical services	2	D	D	D	a	D	D
COLORADO CITY, AZ								
54	Professional, scientific, & technical services	1	D	D	D	b	D	D
COOLIDGE, AZ								
54	Professional, scientific, & technical services	8	824	286	65	12	75.1	1.5
COTTONWOOD, AZ								
54	Professional, scientific, & technical services	14	3 325	1 509	327	111	47.3	22.2
541	Professional, scientific, & technical services	14	3 325	1 509	327	111	47.3	22.2
5412	Accounting, tax return prep, bookkeeping, & payroll services	6	1 273	605	136	34	45.4	10.6
54121	Accounting, tax return prep, bookkeeping, & payroll services	6	1 273	605	136	34	45.4	10.6
DOUGLAS, AZ								
54	Professional, scientific, & technical services	8	1 411	203	56	18	92.9	7.1
541	Professional, scientific, & technical services	8	1 411	203	56	18	92.9	7.1

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
EAGAR, AZ								
54	Professional, scientific, & technical services	2	D	D	D	a	D	D
EL MIRAGE, AZ								
54	Professional, scientific, & technical services	1	D	D	D	a	D	D
ELOY, AZ								
54	Professional, scientific, & technical services	4	653	165	38	12	19.6	22.8
FLAGSTAFF, AZ								
54	Professional, scientific, & technical services	143	53 656	19 908	4 488	702	41.5	14.8
541	Professional, scientific, & technical services	143	53 656	19 908	4 488	702	41.5	14.8
5411	Legal services	46	18 392	5 782	1 347	203	32.4	.7
54111	Offices of lawyers	43	D	D	D	c	D	D
541110	Offices of lawyers	43	D	D	D	c	D	D
5411101	Offices of lawyers (except legal aid societies)	43	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	34	7 832	3 007	722	184	66.2	9.1
54121	Accounting, tax return prep, bookkeeping, & payroll services	34	7 832	3 007	722	184	66.2	9.1
541211	Offices of certified public accountants	23	D	D	D	b	D	D
541213	Tax return preparation services	2	D	D	D	b	D	D
541219	Other accounting services	8	1 537	575	89	25	98.2	1.8
5413	Architectural, engineering, & related services	26	11 951	4 695	1 101	148	66.9	3.9
5416	Management, scientific, & technical consulting services	11	4 566	2 977	509	59	18.7	14.4
5418	Advertising & related services	7	2 299	292	58	12	48.8	—
5419	Other professional, scientific, & technical services	10	D	D	D	b	D	D
FLORENCE, AZ								
54	Professional, scientific, & technical services	1	D	D	D	a	D	D
FOUNTAIN HILLS, AZ								
54	Professional, scientific, & technical services	47	11 536	3 743	639	86	75.0	9.0
541	Professional, scientific, & technical services	47	11 536	3 743	639	86	75.0	9.0
5413	Architectural, engineering, & related services	10	1 959	816	145	16	68.2	18.7
5416	Management, scientific, & technical consulting services	18	4 931	1 929	259	34	89.0	1.9
54161	Management consulting services	15	4 143	1 681	220	32	90.9	2.2
GILBERT, AZ								
54	Professional, scientific, & technical services	111	64 751	23 131	4 637	494	23.1	7.5
541	Professional, scientific, & technical services	111	64 751	23 131	4 637	494	23.1	7.5
5412	Accounting, tax return prep, bookkeeping, & payroll services	17	1 759	879	196	42	52.9	15.0
54121	Accounting, tax return prep, bookkeeping, & payroll services	17	1 759	879	196	42	52.9	15.0
5413	Architectural, engineering, & related services	26	42 924	16 018	3 144	248	11.1	2.9
54133	Engineering services	16	39 741	14 919	2 929	219	11.1	2.9
541330	Engineering services	16	39 741	14 919	2 929	219	11.1	2.9
5415	Computer systems design & related services	25	9 384	2 426	538	79	32.3	9.7
54151	Computer systems design & related services	25	9 384	2 426	538	79	32.3	9.7
5416	Management, scientific, & technical consulting services	21	4 395	2 330	406	56	62.1	2.6
54161	Management consulting services	18	D	D	D	b	D	D
5418	Advertising & related services	7	1 999	271	31	8	67.5	9.5

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
GLENDALE, AZ								
54	Professional, scientific, & technical services	167	36 906	14 513	3 260	768	44.1	14.8
541	Professional, scientific, & technical services	167	36 906	14 513	3 260	768	44.1	14.8
5411	Legal services	22	5 741	1 935	508	83	38.6	14.4
54111	Offices of lawyers	22	5 741	1 935	508	83	38.6	14.4
541110	Offices of lawyers	22	5 741	1 935	508	83	38.6	14.4
5411101	Offices of lawyers (except legal aid societies)	22	5 741	1 935	508	83	38.6	14.4
5412	Accounting, tax return prep, bookkeeping, & payroll services	41	6 622	2 769	900	313	48.2	8.2
54121	Accounting, tax return prep, bookkeeping, & payroll services	41	6 622	2 769	900	313	48.2	8.2
541213	Tax return preparation services	10	2 378	945	433	221	25.9	—
541219	Other accounting services	19	1 712	645	93	46	68.9	26.4
5413	Architectural, engineering, & related services	19	3 296	1 315	242	42	70.7	28.9
5415	Computer systems design & related services	27	5 593	3 159	561	68	40.6	9.7
54151	Computer systems design & related services	27	5 593	3 159	561	68	40.6	9.7
5416	Management, scientific, & technical consulting services	25	4 708	1 326	256	67	59.7	36.7
54161	Management consulting services	20	D	D	D	b	D	D
5418	Advertising & related services	15	3 880	1 228	218	49	61.0	.6
54189	Other services related to advertising	4	D	D	D	a	D	D
541890	Other services related to advertising	4	D	D	D	a	D	D
5418903	Sign painting & lettering shop	4	D	D	D	a	D	D
5419	Other professional, scientific, & technical services	14	D	D	D	c	D	D
54192	Photographic services	7	1 612	566	143	52	4.2	53.0
54199	All other professional, scientific, & technical services	2	D	D	D	b	D	D
541990	All other professional, scientific, & technical services	2	D	D	D	b	D	D
GLOBE, AZ								
54	Professional, scientific, & technical services	21	2 918	813	173	56	59.9	16.0
541	Professional, scientific, & technical services	21	2 918	813	173	56	59.9	16.0
GOODYEAR, AZ								
54	Professional, scientific, & technical services	8	2 381	1 198	249	15	15.0	—
541	Professional, scientific, & technical services	8	2 381	1 198	249	15	15.0	—
5413	Architectural, engineering, & related services	1	D	D	D	a	D	D
GUADALUPE, AZ								
54	Professional, scientific, & technical services	1	D	D	D	a	D	D
HOLBROOK, AZ								
54	Professional, scientific, & technical services	2	D	D	D	a	D	D
KINGMAN, AZ								
54	Professional, scientific, & technical services	32	8 295	3 038	741	139	58.9	11.3
541	Professional, scientific, & technical services	32	8 295	3 038	741	139	58.9	11.3
5412	Accounting, tax return prep, bookkeeping, & payroll services	9	D	D	D	b	D	D
54121	Accounting, tax return prep, bookkeeping, & payroll services	9	D	D	D	b	D	D
5413	Architectural, engineering, & related services	6	2 545	1 024	246	37	85.0	—
LAKE HAVASU CITY, AZ								
54	Professional, scientific, & technical services	55	12 787	3 597	899	171	34.5	27.7
541	Professional, scientific, & technical services	55	12 787	3 597	899	171	34.5	27.7
5412	Accounting, tax return prep, bookkeeping, & payroll services	15	2 971	1 334	305	67	43.5	.7
54121	Accounting, tax return prep, bookkeeping, & payroll services	15	2 971	1 334	305	67	43.5	.7
5413	Architectural, engineering, & related services	10	1 883	715	187	34	50.6	4.0
5418	Advertising & related services	5	D	D	D	a	D	D
5419	Other professional, scientific, & technical services	5	D	D	D	a	D	D
LITCHFIELD PARK, AZ								
54	Professional, scientific, & technical services	7	977	334	70	7	96.9	3.1
541	Professional, scientific, & technical services	7	977	334	70	7	96.9	3.1
MARANA, AZ								
54	Professional, scientific, & technical services	12	4 620	2 368	351	90	18.6	.6
541	Professional, scientific, & technical services	12	4 620	2 368	351	90	18.6	.6
5413	Architectural, engineering, & related services	4	D	D	D	b	D	D

See footnotes at end of table.

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

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NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
MESA, AZ								
54	Professional, scientific, & technical services	628	282 843	128 533	29 540	4 950	29.3	8.8
541	Professional, scientific, & technical services	628	282 843	128 533	29 540	4 950	29.3	8.8
5411	Legal services	153	57 879	26 349	5 274	661	29.2	8.3
54111	Offices of lawyers	150	57 574	26 202	5 250	658	29.3	8.3
541110	Offices of lawyers	150	57 574	26 202	5 250	658	29.3	8.3
5411101	Offices of lawyers (except legal aid societies)	150	57 574	26 202	5 250	658	29.3	8.3
5412	Accounting, tax return prep, bookkeeping, & payroll services	138	42 103	22 932	5 562	1 589	28.2	6.5
54121	Accounting, tax return prep, bookkeeping, & payroll services	138	42 103	22 932	5 562	1 589	28.2	6.5
541211	Offices of certified public accountants	81	18 325	7 263	1 602	266	45.9	8.7
541213	Tax return preparation services	19	3 910	1 738	708	349	32.1	8.6
541219	Other accounting services	33	D	D	D	c	D	D
5413	Architectural, engineering, & related services	100	82 783	37 155	8 496	1 206	24.8	11.1
54131	Architectural services	19	12 257	3 130	841	106	27.3	6.5
541310	Architectural services	19	12 257	3 130	841	106	27.3	6.5
54133	Engineering services	57	38 949	16 482	3 693	426	39.1	21.4
541330	Engineering services	57	38 949	16 482	3 693	426	39.1	21.4
54134	Drafting services	9	D	D	D	b	D	D
541340	Drafting services	9	D	D	D	b	D	D
54137	Surveying & mapping (except geophysical) services	8	D	D	D	b	D	D
541370	Surveying & mapping (except geophysical) services	8	D	D	D	b	D	D
54138	Testing laboratories	5	D	D	D	f	D	D
541380	Testing laboratories	5	D	D	D	f	D	D
5414	Specialized design services	13	5 000	1 308	308	64	86.3	—
54143	Graphic design services	5	3 108	995	217	54	100.0	—
541430	Graphic design services	5	3 108	995	217	54	100.0	—
5414301	Graphic design services (except commercial art & medical artists) ..	4	D	D	D	b	D	D
5415	Computer systems design & related services	62	32 884	13 250	3 853	281	19.6	15.0
54151	Computer systems design & related services	62	32 884	13 250	3 853	281	19.6	15.0
541511	Custom computer programming services	26	12 961	6 790	1 640	154	12.5	28.0
541512	Computer systems design services	25	18 569	5 842	2 066	103	21.2	5.3
5415122	Computer systems consultants (except systems integrators)	20	4 544	2 195	470	47	74.2	4.4
5416	Management, scientific, & technical consulting services	96	37 728	19 295	4 287	570	42.7	4.6
54161	Management consulting services	75	30 142	16 974	3 803	456	32.1	3.6
541611	Administrative management & general management consulting service	44	19 804	12 338	2 825	342	20.9	3.3
541612	Human resources & executive search consulting services	7	5 860	3 275	680	59	33.2	1.0
5416123	Human resources & personnel management consulting	5	D	D	D	b	D	D
541613	Marketing consulting services	16	D	D	D	b	D	D
54169	Other scientific & technical consulting services	18	D	D	D	b	D	D
541690	Other scientific & technical consulting services	18	D	D	D	b	D	D
5418	Advertising & related services	27	13 060	3 460	691	222	29.6	2.6
54189	Other services related to advertising	10	D	D	D	b	D	D
541890	Other services related to advertising	10	D	D	D	b	D	D
5419	Other professional, scientific, & technical services	36	11 066	4 657	1 045	348	22.9	9.2
54192	Photographic services	29	9 568	4 012	870	254	17.3	10.6
541921	Photographic studios, portrait	26	9 256	3 984	860	249	16.5	9.0
NOGALES, AZ								
54	Professional, scientific, & technical services	31	7 621	3 437	759	128	38.9	15.0
541	Professional, scientific, & technical services	31	7 621	3 437	759	128	38.9	15.0
5412	Accounting, tax return prep, bookkeeping, & payroll services	13	D	D	D	b	D	D
54121	Accounting, tax return prep, bookkeeping, & payroll services	13	D	D	D	b	D	D
ORO VALLEY, AZ								
54	Professional, scientific, & technical services	27	14 269	8 728	2 132	151	17.8	3.6
541	Professional, scientific, & technical services	27	14 269	8 728	2 132	151	17.8	3.6
5413	Architectural, engineering, & related services	7	1 468	531	93	14	100.0	—
5416	Management, scientific, & technical consulting services	9	4 291	2 907	579	39	14.1	2.6
54161	Management consulting services	5	D	D	D	b	D	D
5417	Scientific research & development services	2	D	D	D	b	D	D
PAGE, AZ								
54	Professional, scientific, & technical services	7	1 067	297	91	19	67.7	29.3
541	Professional, scientific, & technical services	7	1 067	297	91	19	67.7	29.3

See footnotes at end of table.

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NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
PARADISE VALLEY, AZ								
54	Professional, scientific, & technical services	90	39 207	14 751	2 865	448	38.4	10.1
541	Professional, scientific, & technical services	90	39 207	14 751	2 865	448	38.4	10.1
5412	Accounting, tax return prep, bookkeeping, & payroll services	7	2 300	1 116	410	227	8.6	.7
54121	Accounting, tax return prep, bookkeeping, & payroll services	7	2 300	1 116	410	227	8.6	.7
541213	Tax return preparation services	1	D	D	D	c	D	D
5413	Architectural, engineering, & related services	11	16 648	7 668	1 504	137	11.0	6.0
54133	Engineering services	5	14 870	7 048	1 421	130	8.3	.7
541330	Engineering services	5	14 870	7 048	1 421	130	8.3	.7
5414	Specialized design services	6	3 774	837	157	12	26.9	1.2
5416	Management, scientific, & technical consulting services	37	9 752	3 233	490	36	81.6	7.7
54161	Management consulting services	33	D	D	D	b	D	D
541611	Administrative management & general management consulting service	22	6 992	2 346	319	23	77.4	7.8
5418	Advertising & related services	7	2 467	329	45	7	55.0	42.9
PARKER, AZ								
54	Professional, scientific, & technical services	8	1 915	590	150	34	73.1	26.9
541	Professional, scientific, & technical services	8	1 915	590	150	34	73.1	26.9
PAYSON, AZ								
54	Professional, scientific, & technical services	32	7 819	3 185	727	109	35.7	2.5
541	Professional, scientific, & technical services	32	7 819	3 185	727	109	35.7	2.5
5412	Accounting, tax return prep, bookkeeping, & payroll services	11	1 017	343	86	23	62.8	14.7
54121	Accounting, tax return prep, bookkeeping, & payroll services	11	1 017	343	86	23	62.8	14.7
5413	Architectural, engineering, & related services	10	D	D	D	b	D	D
PEORIA, AZ								
54	Professional, scientific, & technical services	46	9 058	3 495	1 025	430	50.3	2.1
541	Professional, scientific, & technical services	46	9 058	3 495	1 025	430	50.3	2.1
5412	Accounting, tax return prep, bookkeeping, & payroll services	16	3 919	1 609	620	373	28.8	4.0
54121	Accounting, tax return prep, bookkeeping, & payroll services	16	3 919	1 609	620	373	28.8	4.0
541213	Tax return preparation services	3	D	D	D	e	D	D
PHOENIX, AZ								
54	Professional, scientific, & technical services	3 664	3 328 510	1 470 467	321 250	36 761	19.2	8.5
541	Professional, scientific, & technical services	3 664	3 328 510	1 470 467	321 250	36 761	19.2	8.5
5411	Legal services	1 119	995 133	489 259	102 157	8 570	17.1	4.1
54111	Offices of lawyers	1 093	947 532	475 757	99 347	7 917	17.5	4.3
541110	Offices of lawyers	1 093	947 532	475 757	99 347	7 917	17.5	4.3
5411101	Offices of lawyers (except legal aid societies)	1 093	947 532	475 757	99 347	7 917	17.5	4.3
54119	Other legal services	26	47 601	13 502	2 810	653	8.9	.2
541191	Title abstract & settlement offices	8	38 760	10 449	2 115	496	1.4	—
541199	All other legal services	18	8 841	3 053	695	157	41.5	.9
5412	Accounting, tax return prep, bookkeeping, & payroll services	550	357 486	177 025	38 086	8 509	25.5	9.8
54121	Accounting, tax return prep, bookkeeping, & payroll services	550	357 486	177 025	38 086	8 509	25.5	9.8
541211	Accounting of certified public accountants	299	227 987	98 241	22 383	2 448	15.0	2.8
541213	Tax return preparation services	54	6 510	1 988	676	321	44.4	16.7
541214	Payroll services	21	84 752	59 836	10 954	4 913	46.0	26.2
541219	Other accounting services	176	38 237	16 960	4 073	827	39.4	14.1
5413	Architectural, engineering, & related services	610	786 288	355 970	77 998	8 338	17.5	7.1
54131	Architectural services	191	192 447	72 943	14 695	1 598	18.2	5.1
541310	Architectural services	191	192 447	72 943	14 695	1 598	18.2	5.1
54133	Engineering services	338	511 183	247 441	55 189	5 699	17.6	8.7
541330	Engineering services	338	511 183	247 441	55 189	5 699	17.6	8.7
54135	Building inspection services	10	1 588	598	106	19	26.3	4.7
541350	Building inspection services	10	1 588	598	106	19	26.3	4.7
54137	Surveying & mapping (except geophysical) services	21	9 610	4 851	1 118	147	15.5	7.1
541370	Surveying & mapping (except geophysical) services	21	9 610	4 851	1 118	147	15.5	7.1
54138	Testing laboratories	39	68 857	28 822	6 606	837	12.6	.6
541380	Testing laboratories	39	68 857	28 822	6 606	837	12.6	.6
5414	Specialized design services	164	77 830	23 381	5 351	623	40.7	5.9
54141	Interior design services	54	D	D	D	c	D	D
541410	Interior design services	54	D	D	D	c	D	D
54142	Industrial design services	4	D	D	D	b	D	D
541420	Industrial design services	4	D	D	D	b	D	D
54143	Graphic design services	104	43 373	13 633	2 840	352	43.1	2.3
541430	Graphic design services	104	43 373	13 633	2 840	352	43.1	2.3
5414301	Graphic design services (except commercial art & medical artists) ..	87	38 236	12 618	2 609	326	38.2	2.6
5414302	Commercial art	17	5 137	1 015	231	26	79.0	—

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
PHOENIX, AZ—Con.								
54	Professional, scientific, & technical services—Con.							
541	Professional, scientific, & technical services—Con.							
5415	Computer systems design & related services	368	431 355	211 536	47 686	4 551	12.1	16.8
54151	Computer systems design & related services	368	431 355	211 536	47 686	4 551	12.1	16.8
541511	Custom computer programming services	164	186 707	112 465	24 375	2 212	7.3	22.9
541512	Computer systems design services	158	212 727	77 162	19 732	1 994	15.1	11.9
5415121	Computer systems integrators	62	138 941	37 839	11 590	999	16.6	6.2
5415122	Computer systems consultants (except systems integrators)	96	73 786	39 323	8 142	995	12.3	22.7
541519	Other computer related services	39	18 140	8 656	1 616	167	33.8	21.3
5416	Management, scientific, & technical consulting services	496	293 502	120 119	25 830	2 825	27.4	11.6
54161	Management consulting services	380	246 444	103 630	22 693	2 473	26.1	9.6
541611	Administrative management & general management consulting service	187	123 460	58 722	12 638	1 289	20.8	13.4
541612	Human resources & executive search consulting services	81	54 543	25 946	5 970	574	27.9	8.3
5416122	Executive placement services	36	21 125	9 988	2 058	233	40.7	18.4
5416123	Human resources & personnel management consulting	39	27 262	13 106	3 128	270	23.5	2.4
541613	Marketing consulting services	77	38 480	12 278	2 437	433	28.2	1.7
541614	Process, physical distribution, & logistics consulting services	16	24 812	5 566	1 424	143	36.2	7.7
541618	Other management consulting services	19	5 149	1 118	224	34	70.6	1.2
54162	Environmental consulting services	35	14 768	5 518	1 134	127	42.9	7.4
541620	Environmental consulting services	35	14 768	5 518	1 134	127	42.9	7.4
54169	Other scientific & technical consulting services	81	32 290	10 971	2 003	225	29.9	28.4
541690	Other scientific & technical consulting services	81	32 290	10 971	2 003	225	29.9	28.4
5417	Scientific research & development services	18	6 314	1 939	411	56	33.4	18.5
5418	Advertising & related services	220	281 865	61 810	16 049	1 836	22.7	11.6
54181	Advertising agencies	85	76 505	22 511	5 168	552	48.0	16.3
541810	Advertising agencies	85	76 505	22 511	5 168	552	48.0	16.3
54182	Public relations agencies	37	14 484	5 482	1 103	133	42.5	4.2
541820	Public relations agencies	37	14 484	5 482	1 103	133	42.5	4.2
54183	Media buying services	11	42 046	6 010	1 387	250	15.1	23.1
541830	Media buying services	11	42 046	6 010	1 387	250	15.1	23.1
54185	Display advertising	9	57 881	9 706	4 341	196	7.0	—
541850	Display advertising	9	57 881	9 706	4 341	196	7.0	—
5418502	Outdoor advertising services	7	D	D	D	c	D	D
54186	Direct mail advertising	20	58 501	10 829	2 440	274	5.3	7.3
541860	Direct mail advertising	20	58 501	10 829	2 440	274	5.3	7.3
54189	Other services related to advertising	46	23 111	4 082	983	159	12.8	11.8
541890	Other services related to advertising	46	23 111	4 082	983	159	12.8	11.8
5418902	Advertising specialties goods distributor	21	D	D	D	b	D	D
5418903	Sign painting & lettering shop	16	4 345	1 464	410	57	16.7	7.9
5419	Other professional, scientific, & technical services	119	98 737	29 428	7 682	1 453	11.0	8.2
54191	Marketing research & public opinion polling	27	53 706	16 668	3 971	866	6.7	9.4
541910	Marketing research & public opinion polling	27	53 706	16 668	3 971	866	6.7	9.4
54192	Photographic services	76	20 432	7 269	1 745	372	25.8	14.8
541921	Photographic studios, portrait	51	12 255	4 399	987	275	16.9	6.3
541922	Commercial photography	25	8 177	2 870	758	97	39.2	27.6
54199	All other professional, scientific, & technical services	14	D	D	D	c	D	D
541990	All other professional, scientific, & technical services	14	D	D	D	c	D	D
PINETOP-LAKESIDE, AZ								
54	Professional, scientific, & technical services	10	5 706	1 849	558	81	14.3	51.8
541	Professional, scientific, & technical services	10	5 706	1 849	558	81	14.3	51.8
5412	Accounting, tax return prep, bookkeeping, & payroll services	5	1 687	928	334	33	36.5	2.1
54121	Accounting, tax return prep, bookkeeping, & payroll services	5	1 687	928	334	33	36.5	2.1
5413	Architectural, engineering, & related services	3	D	D	D	b	D	D
PRESCOTT, AZ								
54	Professional, scientific, & technical services	144	41 045	13 867	3 017	547	50.4	4.4
541	Professional, scientific, & technical services	144	41 045	13 867	3 017	547	50.4	4.4
5411	Legal services	45	14 282	4 199	941	177	36.2	3.6
54111	Offices of lawyers	44	D	D	D	c	D	D
541110	Offices of lawyers	44	D	D	D	c	D	D
5411101	Offices of lawyers (except legal aid societies)	44	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	27	5 019	1 780	468	97	73.9	5.3
54121	Accounting, tax return prep, bookkeeping, & payroll services	27	5 019	1 780	468	97	73.9	5.3
5413	Architectural, engineering, & related services	29	8 571	3 059	700	127	88.3	.5
5415	Computer systems design & related services	8	D	D	D	b	D	D
54151	Computer systems design & related services	8	D	D	D	b	D	D
5416	Management, scientific, & technical consulting services	17	5 631	1 896	293	81	46.0	6.9
PRESCOTT VALLEY, AZ								
54	Professional, scientific, & technical services	25	3 223	1 592	426	91	44.5	15.0
541	Professional, scientific, & technical services	25	3 223	1 592	426	91	44.5	15.0
5412	Accounting, tax return prep, bookkeeping, & payroll services	10	960	455	136	37	41.9	15.5
54121	Accounting, tax return prep, bookkeeping, & payroll services	10	960	455	136	37	41.9	15.5
5413	Architectural, engineering, & related services	8	1 589	902	247	47	31.7	18.3

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
	QUEEN CREEK, AZ *							
54	Professional, scientific, & technical services	1	D	D	D	a	D	D
	QUEEN CREEK, AZ (MARICOPA COUNTY PART) *							
54	Professional, scientific, & technical services	1	D	D	D	a	D	D
	SAFFORD, AZ							
54	Professional, scientific, & technical services	17	2 723	1 163	282	63	45.2	25.0
541	Professional, scientific, & technical services	17	2 723	1 163	282	63	45.2	25.0
5412	Accounting, tax return prep, bookkeeping, & payroll services	6	D	D	D	b	D	D
54121	Accounting, tax return prep, bookkeeping, & payroll services	6	D	D	D	b	D	D
	ST. JOHNS, AZ							
54	Professional, scientific, & technical services	6	1 259	452	125	35	81.3	18.7
541	Professional, scientific, & technical services	6	1 259	452	125	35	81.3	18.7
	SAN LUIS, AZ							
54	Professional, scientific, & technical services	2	D	D	D	a	D	D
	SCOTTSDALE, AZ							
54	Professional, scientific, & technical services	1 222	713 197	252 390	52 812	6 295	37.0	9.9
541	Professional, scientific, & technical services	1 222	713 197	252 390	52 812	6 295	37.0	9.9
5411	Legal services	176	58 682	25 099	4 829	498	32.7	13.8
54111	Offices of lawyers	176	58 682	25 099	4 829	498	32.7	13.8
541110	Offices of lawyers	176	58 682	25 099	4 829	498	32.7	13.8
5411101	Offices of lawyers (except legal aid societies)	176	58 682	25 099	4 829	498	32.7	13.8
5412	Accounting, tax return prep, bookkeeping, & payroll services	149	33 180	14 042	2 765	471	54.2	5.2
54121	Accounting, tax return prep, bookkeeping, & payroll services	149	33 180	14 042	2 765	471	54.2	5.2
541211	Offices of certified public accountants	99	28 388	12 071	2 390	375	53.2	3.9
541213	Tax return preparation services	5	D	D	D	a	D	D
541219	Other accounting services	44	D	D	D	b	D	D
5413	Architectural, engineering, & related services	212	123 646	54 759	12 115	1 478	42.1	2.7
54131	Architectural services	85	51 743	18 393	3 672	491	32.8	2.2
541310	Architectural services	85	51 743	18 393	3 672	491	32.8	2.2
54133	Engineering services	97	59 930	31 720	7 497	822	55.6	3.6
541330	Engineering services	97	59 930	31 720	7 497	822	55.6	3.6
54134	Drafting services	5	D	D	D	b	D	D
541340	Drafting services	5	D	D	D	b	D	D
54137	Surveying & mapping (except geophysical) services	13	4 076	2 124	381	77	17.1	—
541370	Surveying & mapping (except geophysical) services	13	4 076	2 124	381	77	17.1	—
5414	Specialized design services	86	53 255	9 076	2 073	278	34.4	11.4
54141	Interior design services	45	29 288	3 603	781	108	32.8	13.4
541410	Interior design services	45	29 288	3 603	781	108	32.8	13.4
54143	Graphic design services	36	22 369	5 038	1 184	161	33.6	9.6
541430	Graphic design services	36	22 369	5 038	1 184	161	33.6	9.6
5414301	Graphic design services (except commercial art & medical artists) ..	29	21 511	4 662	1 161	155	33.0	10.0
5415	Computer systems design & related services	145	109 222	42 912	9 246	793	24.8	10.1
54151	Computer systems design & related services	145	109 222	42 912	9 246	793	24.8	10.1
541511	Custom computer programming services	67	46 563	20 456	4 146	332	28.5	11.3
541512	Computer systems design services	58	54 089	20 448	4 583	417	20.6	9.3
5415121	Computer systems integrators	21	20 513	6 525	1 268	133	21.7	14.1
5415122	Computer systems consultants (except systems integrators)	37	33 576	13 923	3 315	284	19.8	6.4
541519	Other computer related services	20	8 570	2 008	517	44	31.3	8.9
5416	Management, scientific, & technical consulting services	307	232 928	77 095	15 295	1 906	37.0	12.5
54161	Management consulting services	247	203 389	71 236	14 109	1 778	31.5	13.8
541611	Administrative management & general management consulting service	108	99 573	41 273	8 281	1 202	15.5	6.9
541612	Human resources & executive search consulting services	65	37 579	14 399	2 999	300	46.2	26.3
5416122	Executive placement services	34	16 377	7 333	1 486	159	49.0	17.2
5416123	Human resources & personnel management consulting	29	D	D	D	c	D	D
541613	Marketing consulting services	55	48 447	12 546	2 360	226	32.3	22.1
541618	Other management consulting services	9	D	D	D	b	D	D
54162	Environmental consulting services	11	6 835	2 701	560	50	40.2	3.7
541620	Environmental consulting services	11	6 835	2 701	560	50	40.2	3.7
54169	Other scientific & technical consulting services	49	22 704	3 158	626	78	85.6	4.2
541690	Other scientific & technical consulting services	49	22 704	3 158	626	78	85.6	4.2
5417	Scientific research & development services	22	10 724	6 825	1 467	146	23.9	20.7

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
SCOTTSDALE, AZ—Con.								
54	Professional, scientific, & technical services—Con.							
541	Professional, scientific, & technical services—Con.							
5418	Advertising & related services	91	78 569	18 962	4 216	517	45.1	7.4
54181	Advertising agencies	30	24 846	7 682	1 678	194	35.3	13.7
541810	Advertising agencies	30	24 846	7 682	1 678	194	35.3	13.7
54182	Public relations agencies	14	3 781	1 102	209	32	61.7	2.7
541820	Public relations agencies	14	3 781	1 102	209	32	61.7	2.7
54183	Media buying services	6	19 532	3 341	754	43	60.5	—
541830	Media buying services	6	19 532	3 341	754	43	60.5	—
54189	Other services related to advertising	19	D	D	D	c	D	D
541890	Other services related to advertising	19	D	D	D	c	D	D
5418902	Advertising specialties goods distributor	14	D	D	D	b	D	D
5419	Other professional, scientific, & technical services	34	12 991	3 620	806	208	39.7	22.9
54192	Photographic services	21	6 621	1 583	373	91	39.7	5.7
541921	Photographic studios, portrait	19	D	D	D	b	D	D
SEDONA, AZ *								
54	Professional, scientific, & technical services	43	11 401	4 119	826	115	49.7	13.7
541	Professional, scientific, & technical services	43	11 401	4 119	826	115	49.7	13.7
5413	Architectural, engineering, & related services	9	3 608	1 550	377	42	50.3	39.7
5416	Management, scientific, & technical consulting services	7	2 877	1 167	132	16	32.9	1.6
SEDONA, AZ (COCONINO COUNTY PART) *								
54	Professional, scientific, & technical services	17	2 873	923	107	17	69.3	1.9
541	Professional, scientific, & technical services	17	2 873	923	107	17	69.3	1.9
SEDONA, AZ (YAVAPAI COUNTY PART) *								
54	Professional, scientific, & technical services	26	8 528	3 196	719	98	43.1	17.6
541	Professional, scientific, & technical services	26	8 528	3 196	719	98	43.1	17.6
5413	Architectural, engineering, & related services	5	D	D	D	b	D	D
SHOW LOW, AZ								
54	Professional, scientific, & technical services	18	3 278	825	189	44	66.4	3.3
541	Professional, scientific, & technical services	18	3 278	825	189	44	66.4	3.3
5413	Architectural, engineering, & related services	8	1 967	491	109	24	54.2	5.4
SIERRA VISTA, AZ								
54	Professional, scientific, & technical services	72	103 134	43 095	10 591	1 196	7.4	.9
541	Professional, scientific, & technical services	72	103 134	43 095	10 591	1 196	7.4	.9
5411	Legal services	16	D	D	D	b	D	D
54111	Offices of lawyers	15	D	D	D	b	D	D
541110	Offices of lawyers	15	D	D	D	b	D	D
5411101	Offices of lawyers (except legal aid societies)	15	D	D	D	b	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	13	D	D	D	b	D	D
54121	Accounting, tax return prep, bookkeeping, & payroll services	13	D	D	D	b	D	D
5413	Architectural, engineering, & related services	18	24 144	13 467	3 271	320	13.6	3.8
54133	Engineering services	12	20 398	12 710	2 922	262	14.6	4.5
541330	Engineering services	12	20 398	12 710	2 922	262	14.6	4.5
5415	Computer systems design & related services	12	37 788	17 830	4 464	488	2.0	—
54151	Computer systems design & related services	12	37 788	17 830	4 464	488	2.0	—
541512	Computer systems design services	8	D	D	D	e	D	D
5415122	Computer systems consultants (except systems integrators)	5	D	D	D	e	D	D
5417	Scientific research & development services	4	D	D	D	c	D	D
54171	R&D in the physical, engineering, & life sciences	4	D	D	D	c	D	D
541710	R&D in the physical, engineering, & life sciences	4	D	D	D	c	D	D
5417101	R&D in the physical & engineering sciences	4	D	D	D	c	D	D
SNOWFLAKE, AZ								
54	Professional, scientific, & technical services	2	D	D	D	a	D	D
SOUTH TUCSON, AZ								
54	Professional, scientific, & technical services	6	1 792	379	101	26	49.3	50.7
541	Professional, scientific, & technical services	6	1 792	379	101	26	49.3	50.7
SURPRISE, AZ								
54	Professional, scientific, & technical services	9	1 151	285	67	18	50.7	49.3
541	Professional, scientific, & technical services	9	1 151	285	67	18	50.7	49.3

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
TAYLOR, AZ								
54	Professional, scientific, & technical services	2	D	D	D	a	D	D
TEMPE, AZ								
54	Professional, scientific, & technical services	671	454 747	160 211	35 110	5 531	34.0	9.6
541	Professional, scientific, & technical services	671	454 747	160 211	35 110	5 531	34.0	9.6
5411	Legal services	103	26 399	9 888	1 983	285	40.9	11.5
54111	Offices of lawyers	101	D	D	D	e	D	D
541110	Offices of lawyers	101	D	D	D	e	D	D
5411101	Offices of lawyers (except legal aid societies)	101	D	D	D	e	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	115	34 124	12 855	2 461	654	39.0	9.7
54121	Accounting, tax return prep, bookkeeping, & payroll services	115	34 124	12 855	2 461	654	39.0	9.7
541211	Offices of certified public accountants	64	16 998	6 568	1 398	215	59.8	12.5
541213	Tax return preparation services	10	2 814	939	357	260	19.7	3.8
541219	Other accounting services	37	D	D	D	b	D	D
5413	Architectural, engineering, & related services	158	127 634	51 988	11 548	1 412	45.5	5.6
54131	Architectural services	37	18 052	5 328	1 067	167	52.4	.3
541310	Architectural services	37	18 052	5 328	1 067	167	52.4	.3
54133	Engineering services	89	89 967	39 999	8 870	1 054	42.5	5.4
541330	Engineering services	89	89 967	39 999	8 870	1 054	42.5	5.4
54137	Surveying & mapping (except geophysical) services	5	2 320	1 400	302	33	25.2	—
541370	Surveying & mapping (except geophysical) services	5	2 320	1 400	302	33	25.2	—
54138	Testing laboratories	17	15 504	4 497	1 138	131	56.5	14.1
541380	Testing laboratories	17	15 504	4 497	1 138	131	56.5	14.1
5414	Specialized design services	30	25 416	5 460	1 185	187	33.3	2.2
54141	Interior design services	12	13 706	2 564	535	73	25.4	1.1
541410	Interior design services	12	13 706	2 564	535	73	25.4	1.1
54143	Graphic design services	17	D	D	D	c	D	D
541430	Graphic design services	17	D	D	D	c	D	D
5414301	Graphic design services (except commercial art & medical artists) ..	13	D	D	D	b	D	D
5415	Computer systems design & related services	75	77 830	35 999	7 908	646	19.5	15.5
54151	Computer systems design & related services	75	77 830	35 999	7 908	646	19.5	15.5
541511	Custom computer programming services	25	28 109	15 894	3 510	272	9.2	20.8
541512	Computer systems design services	38	47 413	19 176	4 203	344	23.5	11.3
5415121	Computer systems integrators	14	28 486	12 481	2 977	231	11.1	4.2
5415122	Computer systems consultants (except systems integrators)	24	18 927	6 695	1 226	113	42.1	22.1
5416	Management, scientific, & technical consulting services	98	64 523	24 502	5 782	742	39.4	10.4
54161	Management consulting services	73	42 874	15 067	3 068	456	49.1	4.7
541611	Administrative management & general management consulting service	33	D	D	D	c	D	D
541612	Human resources & executive search consulting services	12	7 384	3 867	697	77	15.6	4.0
5416123	Human resources & personnel management consulting	9	6 058	3 147	580	66	15.2	—
541613	Marketing consulting services	21	20 128	5 850	1 185	185	52.9	2.2
541618	Other management consulting services	6	6 920	2 606	669	75	77.8	—
54162	Environmental consulting services	10	14 307	5 985	1 423	166	20.8	32.8
541620	Environmental consulting services	10	14 307	5 985	1 423	166	20.8	32.8
54169	Other scientific & technical consulting services	15	7 342	3 450	1 291	120	18.6	—
541690	Other scientific & technical consulting services	15	7 342	3 450	1 291	120	18.6	—
5417	Scientific research & development services	8	6 828	3 328	630	69	14.5	54.6
5418	Advertising & related services	54	81 928	13 272	3 034	1 362	22.0	7.9
54185	Display advertising	7	D	D	D	f	D	D
541850	Display advertising	7	D	D	D	f	D	D
5418501	Display advertising (except outdoor)	3	D	D	D	f	D	D
54189	Other services related to advertising	17	D	D	D	e	D	D
541890	Other services related to advertising	17	D	D	D	e	D	D
5418902	Advertising specialties goods distributor	9	D	D	D	e	D	D
5418903	Sign painting & lettering shop	6	D	D	D	a	D	D
5419	Other professional, scientific, & technical services	30	10 065	2 919	579	174	44.7	7.6
54192	Photographic services	24	7 329	1 950	385	117	33.4	10.4
541921	Photographic studios, portrait	14	2 923	867	149	83	15.1	26.1
541922	Commercial photography	10	4 406	1 083	236	34	45.5	—
THATCHER, AZ								
54	Professional, scientific, & technical services	1	D	D	D	a	D	D
TOLLESON, AZ								
54	Professional, scientific, & technical services	2	D	D	D	a	D	D

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
TUCSON, AZ								
54	Professional, scientific, & technical services	1 331	886 869	349 629	75 286	9 883	21.6	9.0
541	Professional, scientific, & technical services	1 331	886 869	349 629	75 286	9 883	21.6	9.0
5411	Legal services	448	216 431	100 652	20 562	2 235	24.0	6.8
541111	Offices of lawyers	436	D	D	D	g	D	D
5411110	Offices of lawyers	436	D	D	D	g	D	D
5411101	Offices of lawyers (except legal aid societies)	436	D	D	D	g	D	D
54119	Other legal services	12	D	D	D	e	D	D
541191	Title abstract & settlement offices	6	D	D	D	c	D	D
541199	All other legal services	6	D	D	D	b	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	237	69 363	32 016	7 420	1 785	31.2	10.0
54121	Accounting, tax return prep, bookkeeping, & payroll services	237	69 363	32 016	7 420	1 785	31.2	10.0
541211	Offices of certified public accountants	130	44 874	21 532	4 470	623	32.0	4.4
541213	Tax return preparation services	29	D	D	D	f	D	D
541219	Other accounting services	73	10 764	4 311	1 116	258	56.1	13.0
5413	Architectural, engineering, & related services	255	184 603	86 453	18 304	2 198	27.9	4.9
54131	Architectural services	76	32 800	11 807	2 400	388	31.6	1.6
541310	Architectural services	76	32 800	11 807	2 400	388	31.6	1.6
54133	Engineering services	136	138 370	68 389	14 553	1 552	28.2	4.0
541330	Engineering services	136	138 370	68 389	14 553	1 552	28.2	4.0
54137	Surveying & mapping (except geophysical) services	23	8 446	4 104	875	135	12.4	10.7
541370	Surveying & mapping (except geophysical) services	23	8 446	4 104	875	135	12.4	10.7
5414	Specialized design services	50	15 939	3 440	696	145	47.9	7.1
54141	Interior design services	18	8 276	1 382	272	57	27.5	1.8
541410	Interior design services	18	8 276	1 382	272	57	27.5	1.8
54143	Graphic design services	29	D	D	D	b	D	D
541430	Graphic design services	29	D	D	D	b	D	D
5414301	Graphic design services (except commercial art & medical artists) ..	27	7 005	1 879	401	80	69.8	11.6
5415	Computer systems design & related services	78	152 549	62 894	13 939	1 306	6.4	14.7
54151	Computer systems design & related services	78	152 549	62 894	13 939	1 306	6.4	14.7
541511	Custom computer programming services	35	34 091	16 784	3 878	380	2.6	19.6
541512	Computer systems design services	30	103 302	41 081	8 779	823	7.8	3.6
5415121	Computer systems integrators	15	96 881	38 852	8 333	773	2.7	3.7
5415122	Computer systems consultants (except systems integrators)	15	6 421	2 229	446	50	85.0	2.7
541519	Other computer related services	11	D	D	D	b	D	D
5416	Management, scientific, & technical consulting services	112	50 155	18 544	4 035	557	25.9	32.3
54161	Management consulting services	71	31 908	10 570	2 218	331	28.2	40.5
541611	Administrative management & general management consulting service	37	13 404	5 259	1 011	199	25.3	10.8
541612	Human resources & executive search consulting services	13	10 463	3 239	685	62	29.5	68.6
5416123	Human resources & personnel management consulting	10	D	D	D	b	D	D
541618	Other management consulting services	7	5 099	1 094	291	36	15.7	80.0
54162	Environmental consulting services	19	7 575	3 058	751	101	39.7	—
541620	Environmental consulting services	19	7 575	3 058	751	101	39.7	—
54169	Other scientific & technical consulting services	22	10 672	4 916	1 066	125	9.2	30.7
541690	Other scientific & technical consulting services	22	10 672	4 916	1 066	125	9.2	30.7
5417	Scientific research & development services	26	113 755	23 695	5 503	465	2.4	2.7
54171	R&D in the physical, engineering, & life sciences	19	D	D	D	e	D	D
541710	R&D in the physical, engineering, & life sciences	19	D	D	D	e	D	D
5417101	R&D in the physical & engineering sciences	13	95 299	16 993	4 351	255	.2	2.2
54172	Research & development in the social sciences & humanities	7	D	D	D	c	D	D
541720	R&D in the social sciences & humanities	7	D	D	D	c	D	D
5418	Advertising & related services	78	61 211	12 743	2 750	469	48.8	10.5
54181	Advertising agencies	33	27 038	4 556	1 018	165	73.1	20.1
541810	Advertising agencies	33	27 038	4 556	1 018	165	73.1	20.1
54185	Display advertising	8	16 177	4 224	897	128	1.7	1.7
541850	Display advertising	8	16 177	4 224	897	128	1.7	1.7
5418502	Outdoor advertising services	6	D	D	D	c	D	D
54189	Other services related to advertising	22	D	D	D	c	D	D
541890	Other services related to advertising	22	D	D	D	c	D	D
5418902	Advertising specialties goods distributor	8	D	D	D	b	D	D
5418903	Sign painting & lettering shop	9	D	D	D	b	D	D
5419	Other professional, scientific, & technical services	47	22 863	9 192	2 077	723	14.9	1.4
54191	Marketing research & public opinion polling	6	D	D	D	f	D	D
541910	Marketing research & public opinion polling	6	D	D	D	f	D	D
54192	Photographic services	34	7 117	1 887	409	155	37.9	.2
541921	Photographic studios, portrait	26	5 908	1 497	323	128	38.3	.2
WICKENBURG, AZ								
54	Professional, scientific, & technical services	10	1 351	488	94	24	60.6	14.8
541	Professional, scientific, & technical services	10	1 351	488	94	24	60.6	14.8
WILLCOX, AZ								
54	Professional, scientific, & technical services	7	730	307	64	16	75.8	—
WINSLOW, AZ								
54	Professional, scientific, & technical services	6	524	103	23	9	73.3	26.7

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
YUMA, AZ								
54	Professional, scientific, & technical services	125	44 187	16 055	3 573	597	31.9	8.0
541	Professional, scientific, & technical services	125	44 187	16 055	3 573	597	31.9	8.0
5411	Legal services	55	15 696	5 172	959	183	49.5	18.7
54111	Offices of lawyers	53	D	D	D	c	D	D
541110	Offices of lawyers	53	D	D	D	c	D	D
5411101	Offices of lawyers (except legal aid societies)	53	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	36	8 888	4 776	1 231	223	48.5	2.0
54121	Accounting, tax return prep, bookkeeping, & payroll services	36	8 888	4 776	1 231	223	48.5	2.0
541211	Offices of certified public accountants	19	D	D	D	b	D	D
541213	Tax return preparation services	6	D	D	D	b	D	D
5413	Architectural, engineering, & related services	16	11 184	3 755	887	113	13.3	1.9
54133	Engineering services	8	D	D	D	b	D	D
541330	Engineering services	8	D	D	D	b	D	D
5418	Advertising & related services	4	D	D	D	a	D	D
BALANCE OF APACHE COUNTY, AZ								
54	Professional, scientific, & technical services	18	D	D	D	b	D	D
541	Professional, scientific, & technical services	18	D	D	D	b	D	D
BALANCE OF COCHISE COUNTY, AZ								
54	Professional, scientific, & technical services	26	41 381	17 825	5 496	475	2.1	18.2
541	Professional, scientific, & technical services	26	41 381	17 825	5 496	475	2.1	18.2
5413	Architectural, engineering, & related services	10	D	D	D	c	D	D
54133	Engineering services	5	D	D	D	c	D	D
541330	Engineering services	5	D	D	D	c	D	D
5415	Computer systems design & related services	4	D	D	D	c	D	D
54151	Computer systems design & related services	4	D	D	D	c	D	D
541512	Computer systems design services	3	D	D	D	c	D	D
5415122	Computer systems consultants (except systems integrators)	2	D	D	D	b	D	D
BALANCE OF COCONINO COUNTY, AZ								
54	Professional, scientific, & technical services	14	1 240	490	68	39	90.2	—
541	Professional, scientific, & technical services	14	1 240	490	68	39	90.2	—
BALANCE OF GILA COUNTY, AZ								
54	Professional, scientific, & technical services	10	2 092	442	118	26	57.5	21.0
541	Professional, scientific, & technical services	10	2 092	442	118	26	57.5	21.0
5413	Architectural, engineering, & related services	4	D	D	D	a	D	D
BALANCE OF GRAHAM COUNTY, AZ								
54	Professional, scientific, & technical services	3	D	D	D	a	D	D
BALANCE OF GREENLEE COUNTY, AZ								
54	Professional, scientific, & technical services	1	D	D	D	a	D	D
BALANCE OF LA PAZ COUNTY, AZ								
54	Professional, scientific, & technical services	4	376	147	28	5	100.0	—

See footnotes at end of table.

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

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NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
BALANCE OF MARICOPA COUNTY, AZ								
54	Professional, scientific, & technical services	226	88 421	32 281	6 971	899	32.9	15.3
541	Professional, scientific, & technical services	226	88 421	32 281	6 971	899	32.9	15.3
5411	Legal services	37	11 495	5 746	1 232	139	30.2	1.8
541111	Offices of lawyers	36	D	D	D	c	D	D
541110	Offices of lawyers	36	D	D	D	c	D	D
5411101	Offices of lawyers (except legal aid societies)	36	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	59	D	D	D	e	D	D
54121	Accounting, tax return prep, bookkeeping, & payroll services	59	D	D	D	e	D	D
541211	Offices of certified public accountants	28	D	D	D	b	D	D
541219	Other accounting services	23	D	D	D	b	D	D
5413	Architectural, engineering, & related services	33	14 865	5 402	1 115	157	48.3	16.4
54133	Engineering services	22	12 521	4 650	966	137	44.1	19.4
541330	Engineering services	22	12 521	4 650	966	137	44.1	19.4
5414	Specialized design services	15	4 876	897	149	24	44.2	45.5
54141	Interior design services	9	D	D	D	a	D	D
541410	Interior design services	9	D	D	D	a	D	D
5415	Computer systems design & related services	24	4 869	1 523	262	35	42.1	3.9
54151	Computer systems design & related services	24	4 869	1 523	262	35	42.1	3.9
5416	Management, scientific, & technical consulting services	43	14 733	5 755	962	123	41.1	54.6
54161	Management consulting services	34	D	D	D	b	D	D
541618	Other management consulting services	2	D	D	D	b	D	D
5419	Other professional, scientific, & technical services	7	D	D	D	b	D	D
BALANCE OF MOHAVE COUNTY, AZ								
54	Professional, scientific, & technical services	13	D	D	D	b	D	D
541	Professional, scientific, & technical services	13	D	D	D	b	D	D
5418	Advertising & related services	1	D	D	D	a	D	D
BALANCE OF NAVAJO COUNTY, AZ								
54	Professional, scientific, & technical services	19	D	D	D	b	D	D
541	Professional, scientific, & technical services	19	D	D	D	b	D	D
5413	Architectural, engineering, & related services	4	D	D	D	b	D	D
BALANCE OF PIMA COUNTY, AZ								
54	Professional, scientific, & technical services	435	216 605	69 784	14 606	2 064	28.5	8.5
541	Professional, scientific, & technical services	435	216 605	69 784	14 606	2 064	28.5	8.5
5411	Legal services	77	21 958	9 001	1 547	254	55.0	6.6
541111	Offices of lawyers	74	D	D	D	c	D	D
541110	Offices of lawyers	74	D	D	D	c	D	D
5411101	Offices of lawyers (except legal aid societies)	74	D	D	D	c	D	D
5412	Accounting, tax return prep, bookkeeping, & payroll services	69	D	D	D	c	D	D
54121	Accounting, tax return prep, bookkeeping, & payroll services	69	D	D	D	c	D	D
541211	Offices of certified public accountants	33	D	D	D	a	D	D
541213	Tax return preparation services	11	D	D	D	b	D	D
541219	Other accounting services	23	D	D	D	b	D	D
5413	Architectural, engineering, & related services	81	D	D	D	f	D	D
54133	Engineering services	47	D	D	D	e	D	D
541330	Engineering services	47	D	D	D	e	D	D
5414	Specialized design services	11	D	D	D	b	D	D
5415	Computer systems design & related services	48	D	D	D	e	D	D
54151	Computer systems design & related services	48	D	D	D	e	D	D
541511	Custom computer programming services	15	D	D	D	c	D	D
541519	Other computer related services	10	D	D	D	b	D	D
5416	Management, scientific, & technical consulting services	95	D	D	D	c	D	D
54161	Management consulting services	60	D	D	D	c	D	D
541612	Human resources & executive search consulting services	11	5 561	2 456	410	77	17.4	71.0
5416123	Human resources & personnel management consulting	6	D	D	D	b	D	D
54169	Other scientific & technical consulting services	25	D	D	D	b	D	D
541690	Other scientific & technical consulting services	25	D	D	D	b	D	D
5417	Scientific research & development services	17	D	D	D	c	D	D
54171	R&D in the physical, engineering, & life sciences	14	D	D	D	c	D	D
541710	R&D in the physical, engineering, & life sciences	14	D	D	D	c	D	D
5418	Advertising & related services	24	D	D	D	c	D	D
54189	Other services related to advertising	6	3 659	1 003	232	48	23.7	—
541890	Other services related to advertising	6	3 659	1 003	232	48	23.7	—
5418903	Sign painting & lettering shop	3	D	D	D	b	D	D
5419	Other professional, scientific, & technical services	13	D	D	D	b	D	D
BALANCE OF PINAL COUNTY, AZ								
54	Professional, scientific, & technical services	23	D	D	D	b	D	D
541	Professional, scientific, & technical services	23	D	D	D	b	D	D
5413	Architectural, engineering, & related services	6	D	D	D	b	D	D
54138	Testing laboratories	1	D	D	D	b	D	D
541380	Testing laboratories	1	D	D	D	b	D	D

See footnotes at end of table.

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

[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]

NAICS code	Geographic area and kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From administrative records ¹	Estimated ²
BALANCE OF SANTA CRUZ COUNTY, AZ								
54	Professional, scientific, & technical services	11	1 322	409	80	15	59.8	4.0
541	Professional, scientific, & technical services	11	1 322	409	80	15	59.8	4.0
BALANCE OF YAVAPAI COUNTY, AZ								
54	Professional, scientific, & technical services	73	10 575	4 167	779	156	81.3	6.0
541	Professional, scientific, & technical services	73	10 575	4 167	779	156	81.3	6.0
5412	Accounting, tax return prep, bookkeeping, & payroll services	16	1 410	548	102	35	89.3	3.5
54121	Accounting, tax return prep, bookkeeping, & payroll services	16	1 410	548	102	35	89.3	3.5
5413	Architectural, engineering, & related services	16	3 675	1 768	297	53	98.6	1.4
BALANCE OF YUMA COUNTY, AZ								
54	Professional, scientific, & technical services	21	D	D	D	b	D	D
541	Professional, scientific, & technical services	21	D	D	D	b	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.

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 ADMINISTRATIVE 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; computer services; consulting services; research 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 record-keeping, 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.

PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES

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

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

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

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

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 multidisciplinary 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 multidisciplinary 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 Services
- 7319 (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 Specialties 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

PROFESSIONAL, SCIENTIFIC, AND TECHNICAL 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., single-establishment firms with payroll below a specified cutoff, in classifications for which specialized data precluded reliance solely on administrative records sources.
2. The nonmail universe consisted of firms that were not required to file a regular census return and included:
 - a. Selected small employers, i.e., single-establishment firms with payroll below a specified cutoff. Although the payroll cutoff varied by kind of business, small employers in the nonmail universe generally included firms with less than 10 employees and represented about 10 percent of total 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 tax-exempt. 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-of-business 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

ARIZONA

Apache Junction is in Maricopa and Pinal Counties.

Queen Creek is in Maricopa and Pinal Counties; it annexed into Pinal County in December 1993.

Sedona is in Coconino and Yavapai Counties.

Appendix E. Metropolitan Areas

ARIZONA

Flagstaff, AZ—UT MSA

Coconino County, AZ

Kane County, UT

Las Vegas, NV—AZ MSA

Mohave County, AZ

Clark County, NV

Nye County, NV

Phoenix—Mesa, AZ MSA

Maricopa County, AZ

Pinal County, AZ

Tucson, AZ MSA

Pima County, AZ

Yuma, AZ MSA

Yuma County, AZ

