

# Michigan: 2002

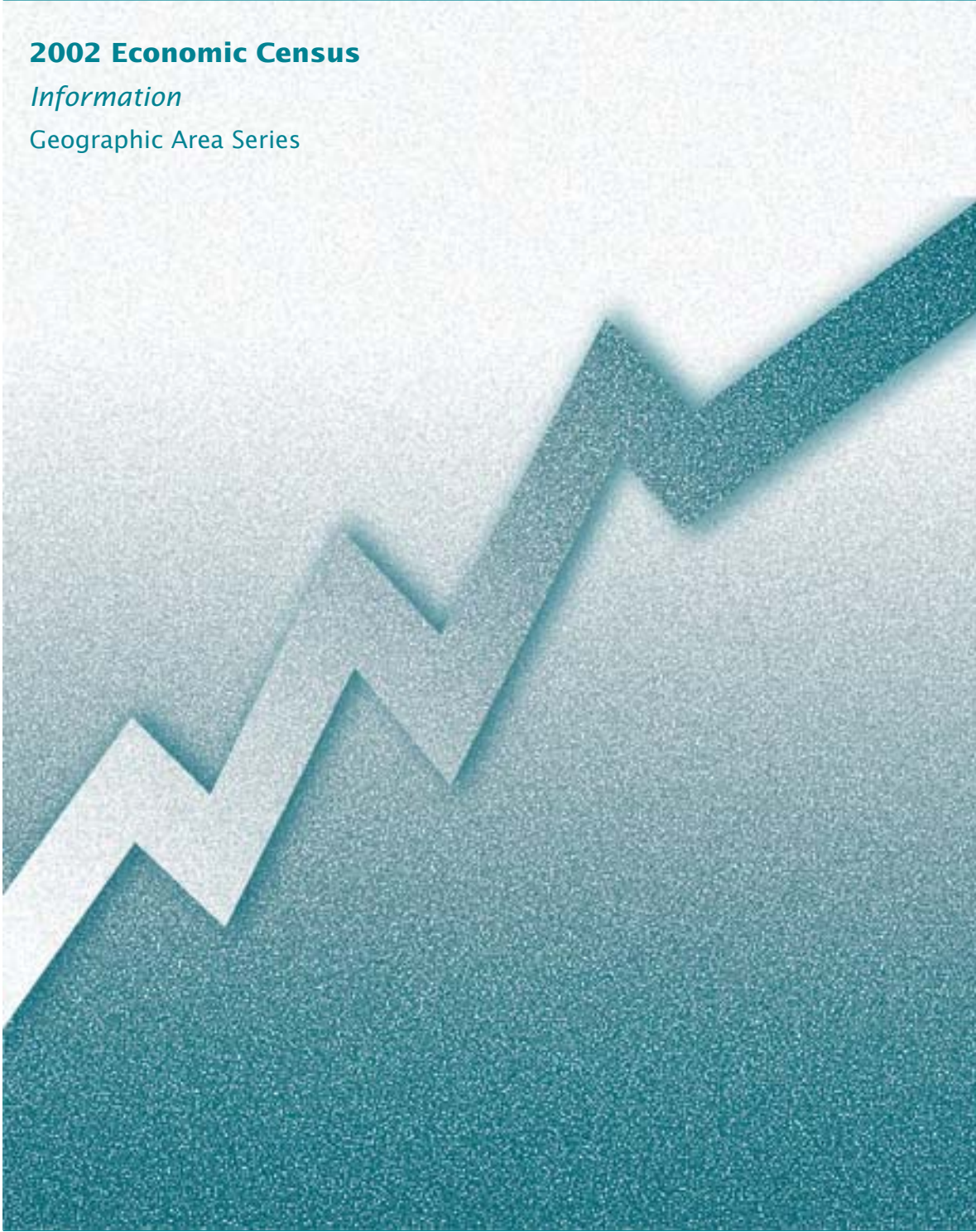
Issued June 2005

EC02-51A-MI

## 2002 Economic Census

*Information*

Geographic Area Series



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## ACKNOWLEDGMENTS

This report was prepared in the Service Sector Statistics Division under the direction of **Bobby E. Russell**, Assistant Division Chief for Census Programs. Planning, management, and coordination of this report were under the supervision of **Jack B. Moody**, Chief, Service Census Branch, assisted by **Jack R. Drago**, **Kirk K. Degler**, **Susan G. Baker**, **John P. Kern**, **Maria A. Poschinger**, and **Vannah L. Beatty**. Primary staff assistance was provided by **Kari M. Behrend**, **Scherrie L. Butler**, **Kim A. Casey**, **Alizabath J. Chittenden**, **Laurie E. Davis**, **Tara S. Dryden**, **Michael Dunfee**, **Ashley G. Garmon**, **Holly C. Higgins**, **Julie A. Ishman**, **Misty I. Jensen**, **Christine M. Joseph**, **Robin A. Justice**, **Joyce Kiessling**, **Jason T. Lambert**, **John J. Manning**, **Patrice C. Norman**, **Karen K. Ruane**, **Jill L. Smith**, **Theresa L. Steele**, and **Brent M. Williams**.

Mathematical and statistical techniques, as well as the coverage operations, were provided by **Ruth E. Detlefsen**, Assistant Division Chief for Research and Methodology, assisted by **Scot A. Dahl**, Leader, Census/Current Integration Group, with staff assistance from **Samson A. Adeshiyan** and **Anthony G. Tersine Jr.**

**Eddie J. Salyers**, Assistant Division Chief of Economic Planning and Coordination Division, was responsible for overseeing the editing and tabulation procedures and the interactive analytical software. **Dennis Shoemaker** and **Kim Wortman**, Special Assistants, **John D. Ward**, Chief, Analytical Branch, and **Brandy L. Yarbrough**, Chief, Edit Branch, were responsible for developing the systems and procedures for data collection, editing, review, and correction. **Donna L. Hambric**, Chief of the Economic Planning Staff, was responsible for overseeing the systems and information for dissemination. **Douglas J. Miller**, Chief, Tables and Dissemination Branch, assisted by **Lisa Aispuro**, **Jamie Fleming**, **Keith Fuller**, **Andrew W. Hait**, and **Kathy G. Padgett** were responsible for developing the data dissemination systems and procedures. The Geography Division staff, **Robert LaMacchia**, Chief, developed geographic coding procedures and associated computer programs.

The Economic Statistical Methods and Programming Division, **Howard R. Hogan**, Chief, developed and coordinated the computer processing systems. **Barry F. Sessamen**, Assistant Division Chief for Post Collection, was responsible for design and implementation of the processing systems and computer programs. **Gary T. Sheridan**, Chief, Macro Analytical Branch, assisted by **Apparao V. Katikineni** and **Edward F. Johnson** provided computer programming and implementation.

The Systems Support Division provided the table composition system. **Robert Joseph Brown**, Table Image Processing System (TIPS) Senior Software Engineer, was responsible for the design and development of the TIPS, under the supervision of **Robert J. Bateman**, Assistant Division Chief, Information Systems.

The staff of the National Processing Center performed mailout preparation and receipt operations, clerical and analytical review activities, and data entry.

**Margaret A. Smith**, **Bernadette J. Beasley**, **Michael T. Browne**, and **Alan R. Plisch** of the Administrative and Customer Services Division, **Walter C. Odom**, Chief, provided publication and printing management, graphics design and composition, and editorial review for print and electronic media. General direction and production management were provided by **James R. Clark**, Assistant Division Chief, and **Susan L. Rappa**, Chief, Publications Services Branch.

Special acknowledgment is also due the many businesses whose cooperation contributed to the publication of these data.

## 2002 Economic Census

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#### Geographic Area Series



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# Introduction to the Economic Census

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## **PURPOSES AND USES OF THE ECONOMIC CENSUS**

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

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

- Policymaking agencies of the federal government use the data to monitor economic activity and to 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.

## **INDUSTRY CLASSIFICATIONS**

Data from the 2002 Economic Census are published primarily according to the 2002 North American Industry Classification System (NAICS). NAICS was first adopted in the United States, Canada, and Mexico in 1997. The 2002 Economic Census covers 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 Food Services
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), largely covered by the census of governments conducted by the Census Bureau.)

The 20 NAICS sectors are subdivided into 100 subsectors (three-digit codes), 317 industry groups (four-digit codes), and, as implemented in the United States, 1,179 industries (six-digit codes).



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## **RELATIONSHIP TO HISTORICAL INDUSTRY CLASSIFICATIONS**

Prior to the 1997 Economic Census, data were published according to the Standard Industrial Classification (SIC) system. 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 1997 Economic Census *Bridge Between NAICS and SIC* demonstrates the relationships between NAICS and SIC industries. Where changes are significant, it may not be possible to construct time series that include data for points both before and after 1997.

Most industry classifications remained unchanged between 1997 and 2002, but NAICS 2002 includes substantial revisions within the construction and wholesale trade sectors, and a number of revisions for the retail trade and information sectors. These changes are noted in industry definitions and will be demonstrated in the *Bridge Between NAICS 2002 and NAICS 1997*.

For 2002, data for enterprise support establishments (those functioning primarily to support the activities of their company's operating establishments, such as a warehouse or a research and development laboratory) are included in the industry that reflects their activities (such as warehousing). For 1997, such establishments were termed auxiliaries and were excluded from industry totals.

## **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. (For selected industries, only payroll, employment, and classification are collected for individual establishments, while other data are collected on a consolidated basis.)

## **GEOGRAPHIC AREA CODING**

Accurate and complete information on the physical location of each establishment is required to tabulate the census data for states, metropolitan and micropolitan statistical areas, counties, and corporate municipalities (places) including cities, towns, townships, 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 administrative sources is used as a basis for coding.

## **AVAILABILITY OF ADDITIONAL DATA**

All results of the 2002 Economic Census are available on the Census Bureau Internet site ([www.census.gov](http://www.census.gov)) and on digital versatile discs (DVD-ROMs) for sale by the Census Bureau. The American FactFinder system at the Internet site allows selective retrieval and downloading of the data. For more information, including a description of reports being issued, see the Internet site, write to the U.S. Census Bureau, Washington, DC 20233-6100, or call Customer Services at 301-763-4100.

## **HISTORICAL INFORMATION**

The economic census has been taken as an integrated program at 5-year intervals since 1967 and before that for 1954, 1958, and 1963. Prior to that time, individual components of the economic census were taken separately at varying intervals.

The economic census traces its beginnings to the 1810 Decennial Census, when questions on manufacturing were included with those for population. Coverage of economic activities was expanded for the 1840 Decennial Census and subsequent censuses to include mining and some commercial activities. The 1905 Manufactures Census was the first time a census was taken apart

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from the regular decennial population census. Censuses covering retail and wholesale trade and construction industries were added in 1930, as were some service trades in 1933. Censuses of construction, manufacturing, and the other business 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 and 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 report forms.

The range of industries covered in the economic census expanded between 1967 and 2002. 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. New for 2002 is coverage of four industries classified in the agriculture, forestry, and fishing sector under the SIC system: landscape architectural services, landscaping services, veterinary services, and pet care services.

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. Reports for 1997 were published primarily on the Internet and copies of 1992 reports are also available there. CD-ROMs issued from the 1987, 1992, and 1997 Economic Censuses contain databases that include all or 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 the 2002 Economic Census and related surveys is published in the *Guide to the 2002 Economic Census* at [www.census.gov/econ/census02/guide](http://www.census.gov/econ/census02/guide). More information on the methodology, procedures, and history of the census will be published in the *History of the 2002 Economic Census* at [www.census.gov/econ/www/history.html](http://www.census.gov/econ/www/history.html).



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# Information

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## SCOPE

The Information sector (sector 51) comprises establishments engaged in the following processes: (a) producing and distributing information and cultural products, (b) providing the means to transmit or distribute these products as well as data or communications, and (c) processing data.

The main components of this sector are the publishing industries, including software publishing, and both traditional publishing and publishing exclusively over the Internet; the telecommunications industries; the industries known as Internet service providers and Web search portals, data processing industries, and the information services industries.

The expressions “information age” and “global information economy” are used with considerable frequency today. The general idea of an “information economy” includes both the notion of industries primarily producing, processing, and distributing information, as well as the idea that every industry is using available information and information technology to reorganize and make themselves more productive.

For the purpose of developing NAICS, it is the transformation of information into a commodity that is produced and distributed by a number of growing industries that is at issue. The Information sector groups three types of establishments: (1) those engaged in producing and distributing information and cultural products; (2) those that provide the means to transmit or distribute these products as well as data or communications; and (3) those that process data. Cultural products are those that directly express attitudes, opinions, ideas, values, and artistic creativity; provide entertainment; or offer information and analysis concerning the past and present. Included in this definition are popular, mass-produced products, as well as cultural products that normally have a more limited audience, such as poetry books, literary magazines, or classical records.

The unique characteristics of information and cultural products, and of the processes involved in their production and distribution, distinguish the Information sector from the goods-producing and service-producing sectors. Some of these characteristics are:

1. Unlike traditional goods, an “information or cultural product,” such as a newspaper online or television program, does not necessarily have tangible qualities, nor is it necessarily associated with a particular form. A movie can be shown at a movie theater, on a television broadcast, through video-on-demand or rented at a local video store. A sound recording can be aired on radio, embedded in multimedia products, or sold at a record store.
2. Unlike traditional services, the delivery of these products does not require direct contact between the supplier and the consumer.
3. The value of these products to the consumer lies in their informational, educational, cultural, or entertainment content, not in the format in which they are distributed. Most of these products are protected from unlawful reproduction by copyright laws.
4. The intangible property aspect of information and cultural products makes the processes involved in their production and distribution very different from goods and services. Only those possessing the rights to these works are authorized to reproduce, alter, improve, and distribute them. Acquiring and using these rights often involves significant costs. In addition, technology is revolutionizing the distribution of these products. It is possible to distribute them in a physical form, via broadcast, or online.
5. Distributors of information and cultural products can easily add value to the products they distribute. For instance, broadcasters add advertising not contained in the original product.

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This capacity means that unlike traditional distributors, they derive revenue not from sale of the distributed product to the final consumer, but from those who pay for the privilege of adding information to the original product. Similarly, a directory and mailing list publisher can acquire the rights to thousands of previously published newspaper and periodical articles and add new value by providing search and software and organizing the information in a way that facilitates research and retrieval. These products often command a much higher price than the original information.

The distribution modes for information commodities may either eliminate the necessity for traditional manufacture, or reverse the conventional order of manufacture-distribute: A newspaper distributed online, for example, can be printed locally or by the final consumer. Similarly, it is anticipated that packaged software, which today is mainly bought through the traditional retail channels, will soon be available mainly online. The NAICS Information sector is designed to make such economic changes transparent as they occur, or to facilitate designing surveys that will monitor the new phenomena and provide data to analyze the changes.

Many of the industries in the NAICS Information sector are engaged in producing products protected by copyright law, or in distributing them (other than distribution by traditional wholesale and retail methods). Examples are traditional publishing industries, software and directory and mailing list publishing industries, and film and sound industries. Broadcasting and telecommunications industries and information providers and processors are also included in the Information sector, because their technologies are so closely linked to other industries in the Information sector.

Many of the “kinds of business” 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” in order to maintain conformity in the measures of the production and delivery of goods and services and in the presentation of data.

**Exclusions.** The tabulations for this sector do not include central administrative offices, warehouses, or other establishments that serve information establishments within the same organization. Data for such establishments are classified according to the nature of the service they provide. For example, separate headquarters establishments are reported in NAICS sector 55, Management of Companies and Enterprises.

The reports described below exclude establishments of firms with no paid employees. These “nonemployers,” typically self-employed individuals or partnerships operating businesses that they have not chosen to incorporate, are reported separately in *Nonemployer Statistics*. The contribution of nonemployers, relatively large for this sector, may be examined at [www.census.gov/nonemployerimpact](http://www.census.gov/nonemployerimpact).

**Definitions.** Industry categories are defined in Appendix B, NAICS Codes, Titles, and Descriptions. Other terms are defined in Appendix A, Explanation of Terms.

## REPORTS

The following reports provide statistics on this sector.

**Industry Series.** There are 13 reports, each covering a group of related industries. The reports present, by kind of business for the United States, general statistics for establishments of firms with payroll on number of establishments, receipts, payroll, and employment; comparative statistics for 2002 and 1997; product lines; and concentration of business activity in the largest firms. The data in industry reports are preliminary and subject to change in the following reports.

**Geographic Area Series.** There is a separate report for each state, the District of Columbia, and the United States. Each state report presents, for establishments of firms with payroll, general statistics on number of establishments, receipts, expenses of tax-exempt establishments, payroll, and employment by kind of business for the state, metropolitan and micropolitan statistical areas, counties, and places with 2,500 inhabitants or more. Greater kind-of-business detail is shown for larger areas. The United States report presents data for the United States as a whole for detailed kind-of-business classifications.

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## Subject Series:

- **Product Lines.** This report presents product lines data for establishments of firms with payroll by kind of business. Data are presented for the United States and states.
- **Establishment and Firm Size (Including Legal Form of Organization).** 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 of firms with payroll; and by receipts/revenue size (including concentration by largest firms), by employment size, and by number of establishments operated (single units and multiunits) for firms with payroll.
- **Miscellaneous Subjects.** This report presents data for a variety of industry-specific topics for establishments of firms with payroll. Presentation of data varies by kind of business.

**Other reports.** Data for this sector are also included in reports with multisector coverage, including *Nonemployer Statistics*, *Comparative Statistics*, *Bridge Between 2002 NAICS and 1997 NAICS*, *Business Expenses*, and the Survey of Business Owners reports.

## GEOGRAPHIC AREAS COVERED

The level of geographic detail varies by report. Maps are available at [www.census.gov/econ2002maps](http://www.census.gov/econ2002maps). Notes specific to areas in the state are included in Appendix D, Geographic Notes. Data may be presented for –

1. The United States as a whole.
2. States and the District of Columbia.
3. Metropolitan and micropolitan statistical areas. A core based statistical area (CBSA) contains a core area with a substantial population nucleus, together with adjacent communities having a high degree of social and economic integration with that core. CBSAs are differentiated into metropolitan and micropolitan statistical areas based on size criteria. Both metropolitan and micropolitan statistical areas are defined in terms of entire counties, and are listed in Appendix E, Metropolitan and Micropolitan Statistical Areas.
  - a. Metropolitan Statistical Areas (metro areas). Metro areas have at least one urbanized area of 50,000 or more population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties.
  - b. Micropolitan Statistical Areas (micro areas). Micro areas have at least one urban cluster of at least 10,000, but less than 50,000 population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties.
  - c. Metropolitan Divisions (metro divisions). If specified criteria are met, a metro area containing a single core with a population of 2.5 million or more may be subdivided to form smaller groupings of counties referred to as Metropolitan Divisions.
  - d. Combined Statistical Areas (combined areas). If specified criteria are met, adjacent metro and micro areas, in various combinations, may become the components of a new set of areas called Combined Statistical Areas. The areas that combine retain their own designations as metro or micro areas within the larger combined area.
4. Counties and county equivalents defined as of January 1, 2002. Counties are the primary divisions of states, except in Louisiana where they are called parishes and in Alaska where they are called boroughs, census areas, and city and boroughs. 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.
5. Economic places.

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- a. Municipalities of 2,500 inhabitants or more defined as of January 1, 2002. These are areas of significant population incorporated as cities, boroughs, villages, or towns according to the 2000 Census of Population. For the economic census, boroughs, census areas, and city and boroughs in Alaska and boroughs in New York are not included in this category.
  - b. Consolidated cities defined as of January 1, 2002. Consolidated cities are consolidated governments that consist of separately incorporated municipalities.
  - c. 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 2000 Census of Population).
  - d. Balance of county. Areas outside the entities listed above, including incorporated municipalities with populations of fewer than 2,500, towns and townships not qualifying as noted above, and the remainders of counties outside places are categorized as "Balance of county."

### **DOLLAR VALUES**

All dollar values presented are expressed in current dollars; i.e., 2002 data are expressed in 2002 dollars, and 1997 data, in 1997 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.

### **COMPARABILITY OF THE 1997 AND 2002 ECONOMIC CENSUSES**

Both the 2002 Economic Census and the 1997 Economic Census present data based on the North American Industry Classification System (NAICS).

The 1997 Economic Census was the first census to present data based on NAICS, the successor to the Standard Industrial Classification (SIC) system. NAICS was revised for 2002 and a number of revisions affect the Information Sector. New industries were created for Internet publishing and broadcasting and Web search portals. Revisions to the hierarchical structure were made and revised NAICS codes were assigned to selected industries. Most tables in the 2002 Economic Census reports present data based on 2002 NAICS. A comparative table in the Industry Series reports, and the multisector *Comparative Statistics* report, present data for both 2002 and 1997 based on 1997 NAICS.

These tables for 2002 include information establishments that primarily serve other establishments of the same enterprise. These "enterprise support" establishments were not included in data for the information sector in 1997, but were instead included in the "Other auxiliary establishments" kind-of-business category in the "Auxiliaries, Excluding Corporate, Subsidiary, and Regional Managing Offices" reports.

### **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 Product Lines reports for this sector are subject to sampling errors, as well as nonsampling errors.

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, as by the percentages shown in the tables. 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. More information on the reliability of the data is included in Appendix C, Methodology.

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## 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. Techniques employed to limit disclosure are discussed at [www.census.gov/epcd/ec02/disclosure.htm](http://www.census.gov/epcd/ec02/disclosure.htm).

## 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, and Statistics of U.S. Businesses program provides annual statistics classified by the employment size of the enterprise, further classified by industry for the United States, and by broader categories for states and metropolitan areas.

## CONTACTS FOR DATA USERS

Questions about these data may be directed to the U.S. Census Bureau, Service Sector Statistics Division, Service Census Branch, 1-800-541-8345 or [scb@census.gov](mailto:scb@census.gov).

## ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used with these data:

D	Withheld to avoid disclosing data of individual companies; data are included in higher level totals
N	Not available or not comparable
Q	Receipts not collected at this level of detail for multiestablishment firms
S	Withheld because estimates did not meet publication standards
X	Not applicable
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
r	Revised
–	Represents zero (page image/print only)
(CC)	Consolidated city
(IC)	Independent city
CDP	Census designated place



**Table 1. Summary Statistics for the State: 2002**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>MICHIGAN</b>								
<b>51</b>	<b>Information</b>	<b>3 906</b>	<b>N</b>	<b>4 677 078</b>	<b>1 244 919</b>	<b>97 088</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet)	856	4 917 896	1 453 192	375 111	29 751	2.3	12.7
5111	Newspaper, periodical, book, and directory publishers	613	3 338 092	790 283	195 858	20 987	2.4	15.2
51111	Newspaper publishers	253	1 387 252	430 176	105 292	13 009	2.9	16.7
511110	Newspaper publishers	253	1 387 252	430 176	105 292	13 009	2.9	16.7
51112	Periodical publishers	179	387 746	96 341	23 783	2 322	5.7	40.3
511120	Periodical publishers	179	387 746	96 341	23 783	2 322	5.7	40.3
51113	Book publishers	81	629 685	117 649	28 935	2 267	2.2	3.3
511130	Book publishers	81	629 685	117 649	28 935	2 267	2.2	3.3
51114	Directory and mailing list publishers	74	842 704	129 140	33 860	2 939	.4	9.2
511140	Directory and mailing list publishers	74	842 704	129 140	33 860	2 939	.4	9.2
51119	Other publishers	26	90 705	16 977	3 988	450	1.0	22.0
511191	Greeting card publishers	3	D	D	D	c	D	D
511199	All other publishers	23	D	D	D	e	D	D
5112	Software publishers	243	1 579 804	662 909	179 253	8 764	2.1	7.6
51121	Software publishers	243	1 579 804	662 909	179 253	8 764	2.1	7.6
511210	Software publishers	243	1 579 804	662 909	179 253	8 764	2.1	7.6
512	Motion picture and sound recording industries	478	N	122 209	27 743	6 209	N	N
5121	Motion picture and video industries	422	N	111 905	25 071	5 939	N	N
51211	Motion picture and video production	207	Q	32 784	6 074	717	Q	Q
512110	Motion picture and video production	207	Q	32 784	6 074	717	Q	Q
51212	Motion picture and video distribution	2	Q	D	D	a	Q	Q
512120	Motion picture and video distribution	2	Q	D	D	a	Q	Q
51213	Motion picture and video exhibition	165	353 174	46 763	11 035	4 590	2.2	1.7
512131	Motion picture theaters (except drive-ins)	158	348 608	45 539	10 868	4 568	2.2	1.7
512132	Drive-in motion picture theaters	7	4 566	1 224	167	22	8.1	-
51219	Postproduction and other motion picture and video industries	48	D	D	D	f	D	D
512191	Teleproduction and other postproduction services	40	72 328	31 146	7 667	593	5.8	.9
512199	Other motion picture and video industries	8	D	D	D	b	D	D
5122	Sound recording industries	56	N	10 304	2 672	270	N	N
51221	Record production	4	D	D	D	a	D	D
512210	Record production	4	D	D	D	a	D	D
51222	Integrated record production/distribution	7	Q	4 109	1 286	65	Q	Q
512220	Integrated record production/distribution	7	Q	4 109	1 286	65	Q	Q
51223	Music publishers	6	D	D	D	b	D	D
512230	Music publishers	6	D	D	D	b	D	D
51224	Sound recording studios	28	8 844	2 557	613	88	32.0	.6
512240	Sound recording studios	28	8 844	2 557	613	88	32.0	.6
51229	Other sound recording industries	11	D	D	D	b	D	D
512290	Other sound recording industries	11	D	D	D	b	D	D
5122902	Producers of taped radio programs	2	D	D	D	b	D	D
5122909	All other sound recording industries	9	D	D	D	b	D	D
515	Broadcasting (except Internet)	257	1 134 968	311 898	75 452	6 839	1.5	9.3
5151	Radio and television broadcasting	237	1 084 829	304 291	73 402	6 743	1.4	6.8
51511	Radio broadcasting	184	480 605	155 373	36 791	3 716	1.8	6.6
515111	Radio networks	20	53 188	12 775	3 114	285	-	39.3
515112	Radio stations	164	427 417	142 598	33 677	3 431	2.0	2.5
51512	Television broadcasting	53	604 224	148 918	36 611	3 027	1.0	6.9
515120	Television broadcasting	53	604 224	148 918	36 611	3 027	1.0	6.9
5152	Cable and other subscription programming	20	50 139	7 607	2 050	96	4.6	64.7
51521	Cable and other subscription programming	20	50 139	7 607	2 050	96	4.6	64.7
515210	Cable and other subscription programming	20	50 139	7 607	2 050	96	4.6	64.7
516	Internet publishing and broadcasting	35	76 705	24 999	7 210	604	51.5	.7
5161	Internet publishing and broadcasting	35	76 705	24 999	7 210	604	51.5	.7
51611	Internet publishing and broadcasting	35	76 705	24 999	7 210	604	51.5	.7
516110	Internet publishing and broadcasting	35	76 705	24 999	7 210	604	51.5	.7
517	Telecommunications	1 572	N	1 626 024	437 197	30 953	N	N
5171	Wired telecommunications carriers	928	Q	1 223 322	330 245	20 641	Q	Q
51711	Wired telecommunications carriers	928	Q	1 223 322	330 245	20 641	Q	Q
517110	Wired telecommunications carriers	928	Q	1 223 322	330 245	20 641	Q	Q
5172	Wireless telecommunications carriers (except satellite)	320	Q	169 360	43 986	3 647	Q	Q
51721	Wireless telecommunications carriers (except satellite)	320	Q	169 360	43 986	3 647	Q	Q
517211	Paging	63	Q	10 120	2 545	318	Q	Q
517212	Cellular and other wireless telecommunications	257	Q	159 240	41 441	3 329	Q	Q
5173	Telecommunications resellers	73	182 084	39 931	10 496	873	15.5	7.3
51731	Telecommunications resellers	73	182 084	39 931	10 496	873	15.5	7.3
517310	Telecommunications resellers	73	182 084	39 931	10 496	873	15.5	7.3
5174	Satellite telecommunications	13	21 435	7 020	1 419	88	16.1	7.5
51741	Satellite telecommunications	13	21 435	7 020	1 419	88	16.1	7.5
517410	Satellite telecommunications	13	21 435	7 020	1 419	88	16.1	7.5
5175	Cable and other program distribution	209	Q	183 615	50 348	5 627	Q	Q
51751	Cable and other program distribution	209	Q	183 615	50 348	5 627	Q	Q
517510	Cable and other program distribution	209	Q	183 615	50 348	5 627	Q	Q

See footnotes at end of table.

**Table 1. Summary Statistics for the State: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>MICHIGAN—Con.</b>							
<b>51</b>	<b>Information—Con.</b>							
517	Telecommunications—Con.							
5179	Other telecommunications .....	29	6 197	2 776	703	77	12.2	71.0
51791	Other telecommunications .....	29	6 197	2 776	703	77	12.2	71.0
517910	Other telecommunications .....	29	6 197	2 776	703	77	12.2	71.0
518	Internet service providers, web search portals, and data processing services .....	626	2 910 747	1 072 777	305 907	20 930	1.2	4.2
5181	Internet service providers and web search portals .....	118	85 801	34 687	11 674	882	13.8	13.0
51811	Internet service providers and web search portals .....	118	85 801	34 687	11 674	882	13.8	13.0
518111	Internet service providers .....	105	80 422	32 695	11 222	810	13.2	13.5
518112	Web search portals .....	13	5 379	1 992	452	72	22.4	6.8
5182	Data processing, hosting, and related services .....	508	2 824 946	1 038 090	294 233	20 048	.8	3.9
51821	Data processing, hosting, and related services .....	508	2 824 946	1 038 090	294 233	20 048	.8	3.9
518210	Data processing, hosting, and related services .....	508	2 824 946	1 038 090	294 233	20 048	.8	3.9
519	Other information services .....	82	164 710	65 979	16 299	1 802	.7	7.6
5191	Other information services .....	82	164 710	65 979	16 299	1 802	.7	7.6
51911	News syndicates .....	12	D	D	D	c	D	D
519110	News syndicates .....	12	D	D	D	c	D	D
51912	Libraries and archives .....	66	29 111	10 729	2 574	719	3.3	13.6
519120	Libraries and archives .....	66	29 111	10 729	2 574	719	3.3	13.6
51919	All other information services .....	4	D	D	D	f	D	D
519190	All other information services .....	4	D	D	D	f	D	D

<sup>1</sup>Includes receipts information obtained from administrative records of other federal agencies.

<sup>2</sup>Includes receipts information that was imputed based on historic data, administrative data, industry averages, or other statistical methods.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

**Table 2. Summary Statistics for Metropolitan and Micropolitan Statistical Areas: 2002**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>DETROIT-WARREN-FLINT, MI COMBINED STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b>	<b>2 133</b>	<b>N</b>	<b>3 545 258</b>	<b>962 601</b>	<b>66 796</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet)	457	3 759 381	1 161 847	305 092	20 565	1.8	15.3
5111	Newspaper, periodical, book, and directory publishers	283	D	D	D	j	D	D
51111	Newspaper publishers	92	D	D	D	i	D	D
511110	Newspaper publishers	92	D	D	D	i	D	D
51112	Periodical publishers	100	D	D	D	g	D	D
511120	Periodical publishers	100	D	D	D	g	D	D
51113	Book publishers	44	D	D	D	g	D	D
511130	Book publishers	44	D	D	D	g	D	D
51114	Directory and mailing list publishers	32	D	D	D	g	D	D
511140	Directory and mailing list publishers	32	D	D	D	g	D	D
51119	Other publishers	15	D	D	D	c	D	D
511199	All other publishers	13	D	D	D	c	D	D
5112	Software publishers	174	D	D	D	i	D	D
51121	Software publishers	174	D	D	D	i	D	D
511210	Software publishers	174	D	D	D	i	D	D
512	Motion picture and sound recording industries	291	N	D	D	h	N	N
5121	Motion picture and video industries	251	N	D	D	h	N	N
51211	Motion picture and video production	142	Q	23 788	3 950	464	Q	Q
512110	Motion picture and video production	142	Q	23 788	3 950	464	Q	Q
51213	Motion picture and video exhibition	68	D	D	D	g	D	D
512131	Motion picture theaters (except drive-ins)	64	D	D	D	g	D	D
512132	Drive-in motion picture theaters	4	D	D	D	b	D	D
51219	Postproduction and other motion picture and video industries	40	D	D	D	f	D	D
512191	Teleproduction and other postproduction services	34	D	D	D	f	D	D
5122	Sound recording industries	40	N	D	D	c	N	N
51224	Sound recording studios	19	D	D	D	b	D	D
512240	Sound recording studios	19	D	D	D	b	D	D
515	Broadcasting (except Internet)	97	D	D	D	h	D	D
5151	Radio and television broadcasting	83	D	D	D	h	D	D
51511	Radio broadcasting	59	D	D	D	g	D	D
515111	Radio networks	7	D	D	D	c	D	D
515112	Radio stations	52	D	D	D	g	D	D
51512	Television broadcasting	24	D	D	D	g	D	D
515120	Television broadcasting	24	D	D	D	g	D	D
516	Internet publishing and broadcasting	24	D	D	D	f	D	D
5161	Internet publishing and broadcasting	24	D	D	D	f	D	D
51611	Internet publishing and broadcasting	24	D	D	D	f	D	D
516110	Internet publishing and broadcasting	24	D	D	D	f	D	D
517	Telecommunications	821	N	1 121 207	308 695	20 545	N	N
5171	Wired telecommunications carriers	444	Q	846 920	233 984	14 160	Q	Q
51711	Wired telecommunications carriers	444	Q	846 920	233 984	14 160	Q	Q
517110	Wired telecommunications carriers	444	Q	846 920	233 984	14 160	Q	Q
5172	Wireless telecommunications carriers (except satellite)	197	Q	D	D	g	Q	Q
51721	Wireless telecommunications carriers (except satellite)	197	Q	D	D	g	Q	Q
517211	Paging	41	Q	D	D	c	Q	Q
517212	Cellular and other wireless telecommunications	156	Q	D	D	g	Q	Q
5173	Telecommunications resellers	48	D	D	D	f	D	D
51731	Telecommunications resellers	48	D	D	D	f	D	D
517310	Telecommunications resellers	48	D	D	D	f	D	D
5175	Cable and other program distribution	99	Q	D	D	h	Q	Q
51751	Cable and other program distribution	99	Q	D	D	h	Q	Q
517510	Cable and other program distribution	99	Q	D	D	h	Q	Q
518	Internet service providers, web search portals, and data processing services	415	2 496 101	898 306	260 973	16 975	.8	4.1
5181	Internet service providers and web search portals	56	D	D	D	e	D	D
51811	Internet service providers and web search portals	56	D	D	D	e	D	D
518111	Internet service providers	50	D	D	D	e	D	D
5182	Data processing, hosting, and related services	359	D	D	D	j	D	D
51821	Data processing, hosting, and related services	359	D	D	D	j	D	D
518210	Data processing, hosting, and related services	359	D	D	D	j	D	D
519	Other information services	28	D	D	D	g	D	D
5191	Other information services	28	D	D	D	g	D	D
51912	Libraries and archives	17	D	D	D	c	D	D
519120	Libraries and archives	17	D	D	D	c	D	D
51919	All other information services	3	D	D	D	f	D	D
519190	All other information services	3	D	D	D	f	D	D

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>DETROIT-WARREN-FLINT, MI COMBINED STATISTICAL AREA—Con.</b>								
<b>Ann Arbor, MI Metropolitan Statistical Area</b>								
<b>51</b>	<b>Information .....</b>	<b>188</b>	<b>N</b>	<b>324 448</b>	<b>85 559</b>	<b>6 234</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	78	565 671	183 563	48 905	3 524	1.5	9.9
5111	Newspaper, periodical, book, and directory publishers .....	40	355 198	97 453	23 718	2 157	.9	6.3
51111	Newspaper publishers .....	6	D	D	D	f	D	D
511110	Newspaper publishers .....	6	D	D	D	f	D	D
51114	Directory and mailing list publishers .....	7	D	D	D	g	D	D
511140	Directory and mailing list publishers .....	7	D	D	D	g	D	D
5112	Software publishers .....	38	210 473	86 110	25 187	1 367	2.7	16.0
51121	Software publishers .....	38	210 473	86 110	25 187	1 367	2.7	16.0
511210	Software publishers .....	38	210 473	86 110	25 187	1 367	2.7	16.0
512	Motion picture and sound recording industries .....	27	N	D	D	c	N	N
5121	Motion picture and video industries .....	22	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	6	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	6	D	D	D	c	D	D
516	Internet publishing and broadcasting .....	4	D	D	D	c	D	D
5161	Internet publishing and broadcasting .....	4	D	D	D	c	D	D
51611	Internet publishing and broadcasting .....	4	D	D	D	c	D	D
516110	Internet publishing and broadcasting .....	4	D	D	D	c	D	D
517	Telecommunications .....	43	N	56 799	15 192	1 116	N	N
5171	Wired telecommunications carriers .....	25	Q	38 625	10 652	700	Q	Q
51711	Wired telecommunications carriers .....	25	Q	38 625	10 652	700	Q	Q
517110	Wired telecommunications carriers .....	25	Q	38 625	10 652	700	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	9	Q	D	D	b	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	9	Q	D	D	b	Q	Q
5175	Cable and other program distribution .....	7	Q	D	D	e	Q	Q
51751	Cable and other program distribution .....	7	Q	D	D	e	Q	Q
517510	Cable and other program distribution .....	7	Q	D	D	e	Q	Q
518	Internet service providers, web search portals, and data processing services .....	27	D	D	D	e	D	D
5182	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
519	Other information services .....	3	D	D	D	f	D	D
5191	Other information services .....	3	D	D	D	f	D	D
51912	Libraries and archives .....	2	D	D	D	b	D	D
519120	Libraries and archives .....	2	D	D	D	b	D	D
51919	All other information services .....	1	D	D	D	f	D	D
519190	All other information services .....	1	D	D	D	f	D	D
<b>Detroit-Warren-Livonia, MI Metropolitan Statistical Area</b>								
<b>51</b>	<b>Information .....</b>	<b>1 761</b>	<b>N</b>	<b>3 035 178</b>	<b>826 234</b>	<b>56 118</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	356	3 099 498	950 879	249 399	16 263	1.9	16.7
5111	Newspaper, periodical, book, and directory publishers .....	223	1 867 481	417 163	105 727	9 571	2.2	23.7
51111	Newspaper publishers .....	75	788 619	216 815	53 193	5 666	2.6	27.2
511110	Newspaper publishers .....	75	788 619	216 815	53 193	5 666	2.6	27.2
51112	Periodical publishers .....	80	D	D	D	g	D	D
511120	Periodical publishers .....	80	D	D	D	g	D	D
51113	Book publishers .....	34	D	D	D	g	D	D
511130	Book publishers .....	34	D	D	D	g	D	D
51114	Directory and mailing list publishers .....	21	D	D	D	f	D	D
511140	Directory and mailing list publishers .....	21	D	D	D	f	D	D
51119	Other publishers .....	13	D	D	D	c	D	D
511199	All other publishers .....	11	D	D	D	c	D	D
5112	Software publishers .....	133	1 232 017	533 716	143 672	6 692	1.5	6.1
51121	Software publishers .....	133	1 232 017	533 716	143 672	6 692	1.5	6.1
511210	Software publishers .....	133	1 232 017	533 716	143 672	6 692	1.5	6.1
512	Motion picture and sound recording industries .....	247	N	D	D	h	N	N
5121	Motion picture and video industries .....	212	N	D	D	h	N	N
51211	Motion picture and video production .....	123	Q	D	D	e	Q	Q
512110	Motion picture and video production .....	123	Q	D	D	e	Q	Q
51213	Motion picture and video exhibition .....	51	D	D	D	g	D	D
512131	Motion picture theaters (except drive-ins) .....	49	D	D	D	g	D	D
512132	Drive-in motion picture theaters .....	2	D	D	D	b	D	D
51219	Postproduction and other motion picture and video industries .....	37	D	D	D	f	D	D
512191	Teleproduction and other postproduction services .....	31	D	D	D	f	D	D
5122	Sound recording industries .....	35	N	D	D	c	N	N
51224	Sound recording studios .....	15	D	D	D	b	D	D
512240	Sound recording studios .....	15	D	D	D	b	D	D

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>DETROIT-WARREN-FLINT, MI COMBINED STATISTICAL AREA—Con.</b>								
<b>Detroit-Warren-Livonia, MI Metropolitan Statistical Area—Con.</b>								
<b>51</b>	<b>Information—Con.</b>							
515	Broadcasting (except Internet) .....	78	701 185	177 753	42 861	2 819	1.4	9.0
5151	Radio and television broadcasting .....	66	D	D	D	h	D	D
51511	Radio broadcasting .....	45	D	D	D	g	D	D
515111	Radio networks .....	7	D	D	D	c	D	D
515112	Radio stations .....	38	D	D	D	g	D	D
51512	Television broadcasting .....	21	365 772	81 217	19 765	1 272	1.6	4.2
515120	Television broadcasting .....	21	365 772	81 217	19 765	1 272	1.6	4.2
516	Internet publishing and broadcasting .....	20	D	D	D	e	D	D
5161	Internet publishing and broadcasting .....	20	D	D	D	e	D	D
51611	Internet publishing and broadcasting .....	20	D	D	D	e	D	D
516110	Internet publishing and broadcasting .....	20	D	D	D	e	D	D
517	Telecommunications .....	699	N	1 020 152	281 208	18 489	N	N
5171	Wired telecommunications carriers .....	377	Q	776 248	214 515	12 885	Q	Q
51711	Wired telecommunications carriers .....	377	Q	776 248	214 515	12 885	Q	Q
517110	Wired telecommunications carriers .....	377	Q	776 248	214 515	12 885	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	167	Q	113 647	30 971	2 256	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	167	Q	113 647	30 971	2 256	Q	Q
517212	Cellular and other wireless telecommunications .....	131	Q	D	D	g	Q	Q
5173	Telecommunications resellers .....	43	D	D	D	f	D	D
51731	Telecommunications resellers .....	43	D	D	D	f	D	D
517310	Telecommunications resellers .....	43	D	D	D	f	D	D
5175	Cable and other program distribution .....	80	Q	86 704	24 799	2 499	Q	Q
51751	Cable and other program distribution .....	80	Q	86 704	24 799	2 499	Q	Q
517510	Cable and other program distribution .....	80	Q	86 704	24 799	2 499	Q	Q
518	Internet service providers, web search portals, and data processing services .....	339	2 182 022	783 714	228 922	14 623	.8	4.6
5181	Internet service providers and web search portals .....	35	34 276	20 410	7 925	365	9.3	23.2
51811	Internet service providers and web search portals .....	35	34 276	20 410	7 925	365	9.3	23.2
518111	Internet service providers .....	31	D	D	D	e	D	D
5182	Data processing, hosting, and related services .....	304	2 147 746	763 304	220 997	14 258	.6	4.3
51821	Data processing, hosting, and related services .....	304	2 147 746	763 304	220 997	14 258	.6	4.3
518210	Data processing, hosting, and related services .....	304	2 147 746	763 304	220 997	14 258	.6	4.3
519	Other information services .....	22	D	D	D	f	D	D
5191	Other information services .....	22	D	D	D	f	D	D
51912	Libraries and archives .....	13	D	D	D	c	D	D
519120	Libraries and archives .....	13	D	D	D	c	D	D
51919	All other information services .....	1	D	D	D	e	D	D
519190	All other information services .....	1	D	D	D	e	D	D
<b>Detroit-Livonia-Dearborn, MI Metropolitan Division</b>								
<b>51</b>	<b>Information .....</b>	<b>483</b>	<b>N</b>	<b>725 733</b>	<b>196 221</b>	<b>15 353</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	82	894 231	224 131	56 654	5 225	.4	33.9
5111	Newspaper, periodical, book, and directory publishers .....	64	845 976	205 085	52 084	4 879	.3	34.0
51111	Newspaper publishers .....	25	618 543	155 973	39 197	3 853	.1	22.2
511110	Newspaper publishers .....	25	618 543	155 973	39 197	3 853	.1	22.2
51112	Periodical publishers .....	19	D	D	D	e	D	D
511120	Periodical publishers .....	19	D	D	D	e	D	D
51114	Directory and mailing list publishers .....	5	D	D	D	e	D	D
511140	Directory and mailing list publishers .....	5	D	D	D	e	D	D
51119	Other publishers .....	5	D	D	D	b	D	D
5112	Software publishers .....	18	48 255	19 046	4 570	346	.9	31.2
51121	Software publishers .....	18	48 255	19 046	4 570	346	.9	31.2
511210	Software publishers .....	18	48 255	19 046	4 570	346	.9	31.2
512	Motion picture and sound recording industries .....	54	N	D	D	f	N	N
5121	Motion picture and video industries .....	47	N	D	D	f	N	N
51213	Motion picture and video exhibition .....	19	D	D	D	f	D	D
512131	Motion picture theaters (except drive-ins) .....	17	D	D	D	f	D	D
512132	Drive-in motion picture theaters .....	2	D	D	D	b	D	D
515	Broadcasting (except Internet) .....	19	204 848	47 944	11 665	912	1.2	4.2
5151	Radio and television broadcasting .....	19	204 848	47 944	11 665	912	1.2	4.2
51511	Radio broadcasting .....	15	63 348	22 361	5 371	463	3.8	6.4
515112	Radio stations .....	14	D	D	D	e	D	D
51512	Television broadcasting .....	4	141 500	25 583	6 294	449	—	3.3
515120	Television broadcasting .....	4	141 500	25 583	6 294	449	—	3.3

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>DETROIT-WARREN-FLINT, MI COMBINED STATISTICAL AREA—Con.</b>							
	<b>Detroit-Warren-Livonia, MI Metropolitan Statistical Area—Con.</b>							
	<b>Detroit-Livonia-Dearborn, MI Metropolitan Division— Con.</b>							
<b>51</b>	<b>Information—Con.</b>							
516	Internet publishing and broadcasting .....	5	D	D	D	c	D	D
5161	Internet publishing and broadcasting .....	5	D	D	D	c	D	D
51611	Internet publishing and broadcasting .....	5	D	D	D	c	D	D
516110	Internet publishing and broadcasting .....	5	D	D	D	c	D	D
517	Telecommunications .....	233	N	346 332	97 012	6 196	N	N
5171	Wired telecommunications carriers .....	121	Q	D	D	h	Q	Q
51711	Wired telecommunications carriers .....	121	Q	D	D	h	Q	Q
517110	Wired telecommunications carriers .....	121	Q	D	D	h	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	64	Q	24 669	6 491	480	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	64	Q	24 669	6 491	480	Q	Q
517212	Cellular and other wireless telecommunications .....	46	Q	D	D	e	Q	Q
5173	Telecommunications resellers .....	11	D	D	D	e	D	D
51731	Telecommunications resellers .....	11	D	D	D	e	D	D
517310	Telecommunications resellers .....	11	D	D	D	e	D	D
5175	Cable and other program distribution .....	28	Q	27 232	8 072	719	Q	Q
51751	Cable and other program distribution .....	28	Q	27 232	8 072	719	Q	Q
517510	Cable and other program distribution .....	28	Q	27 232	8 072	719	Q	Q
518	Internet service providers, web search portals, and data processing services .....	83	193 855	89 250	26 331	2 046	3.0	1.2
5181	Internet service providers and web search portals .....	9	D	D	D	e	D	D
51811	Internet service providers and web search portals .....	9	D	D	D	e	D	D
518111	Internet service providers .....	7	D	D	D	c	D	D
5182	Data processing, hosting, and related services .....	74	D	D	D	g	D	D
51821	Data processing, hosting, and related services .....	74	D	D	D	g	D	D
518210	Data processing, hosting, and related services .....	74	D	D	D	g	D	D
519	Other information services .....	7	D	D	D	b	D	D
5191	Other information services .....	7	D	D	D	b	D	D
	<b>Warren-Farmington Hills-Troy, MI Metropolitan Division</b>							
<b>51</b>	<b>Information .....</b>	<b>1 278</b>	<b>N</b>	<b>2 309 445</b>	<b>630 013</b>	<b>40 765</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	274	2 205 267	726 748	192 745	11 038	2.5	9.8
5111	Newspaper, periodical, book, and directory publishers .....	159	1 021 505	212 078	53 643	4 692	3.7	15.2
51111	Newspaper publishers .....	50	170 076	60 842	13 996	1 813	11.7	45.7
511110	Newspaper publishers .....	50	170 076	60 842	13 996	1 813	11.7	45.7
51112	Periodical publishers .....	61	189 085	43 958	10 906	1 036	8.5	24.3
511120	Periodical publishers .....	61	189 085	43 958	10 906	1 036	8.5	24.3
51113	Book publishers .....	24	D	D	D	g	D	D
511130	Book publishers .....	24	D	D	D	g	D	D
51114	Directory and mailing list publishers .....	16	D	D	D	e	D	D
511140	Directory and mailing list publishers .....	16	D	D	D	e	D	D
51119	Other publishers .....	8	D	D	D	c	D	D
511199	All other publishers .....	8	D	D	D	c	D	D
5112	Software publishers .....	115	1 183 762	514 670	139 102	6 346	1.5	5.1
51121	Software publishers .....	115	1 183 762	514 670	139 102	6 346	1.5	5.1
511210	Software publishers .....	115	1 183 762	514 670	139 102	6 346	1.5	5.1
512	Motion picture and sound recording industries .....	193	N	D	D	g	N	N
5121	Motion picture and video industries .....	165	N	D	D	g	N	N
51211	Motion picture and video production .....	98	Q	D	D	e	Q	Q
512110	Motion picture and video production .....	98	Q	D	D	e	Q	Q
51213	Motion picture and video exhibition .....	32	D	D	D	g	D	D
512131	Motion picture theaters (except drive-ins) .....	32	D	D	D	g	D	D
51219	Postproduction and other motion picture and video industries .....	34	D	D	D	f	D	D
512191	Teleproduction and other postproduction services .....	29	D	D	D	f	D	D
5122	Sound recording industries .....	28	N	7 837	2 069	170	N	N
51224	Sound recording studios .....	10	D	D	D	b	D	D
512240	Sound recording studios .....	10	D	D	D	b	D	D
515	Broadcasting (except Internet) .....	59	496 337	129 809	31 196	1 907	1.6	11.0
5151	Radio and television broadcasting .....	47	D	D	D	g	D	D
51511	Radio broadcasting .....	30	D	D	D	g	D	D
515111	Radio networks .....	6	D	D	D	c	D	D
515112	Radio stations .....	24	D	D	D	f	D	D
51512	Television broadcasting .....	17	224 272	55 634	13 471	823	2.6	4.7
515120	Television broadcasting .....	17	224 272	55 634	13 471	823	2.6	4.7

See footnotes at end of table.



**Table 2. Summary Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

NAICS code	Geographic area and kind of business	Estab-lishments (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 <sup>1</sup>	Estimated <sup>2</sup>
<b>DETROIT-WARREN-FLINT, MI COMBINED STATISTICAL AREA—Con.</b>								
<b>Detroit-Warren-Livonia, MI Metropolitan Statistical Area—Con.</b>								
<b>Warren-Farmington Hills-Troy, MI Metropolitan Division—Con.</b>								
<b>51</b>	<b>Information—Con.</b>							
517	Telecommunications .....	466	N	673 820	184 196	12 293	N	N
5171	Wired telecommunications carriers .....	256	Q	D	D	i	Q	Q
51711	Wired telecommunications carriers .....	256	Q	D	D	i	Q	Q
517110	Wired telecommunications carriers .....	256	Q	D	D	i	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	103	Q	88 978	24 480	1 776	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	103	Q	88 978	24 480	1 776	Q	Q
517212	Cellular and other wireless telecommunications .....	85	Q	86 613	23 851	1 698	Q	Q
5173	Telecommunications resellers .....	32	D	D	D	e	D	D
51731	Telecommunications resellers .....	32	D	D	D	e	D	D
517310	Telecommunications resellers .....	32	D	D	D	e	D	D
5175	Cable and other program distribution .....	52	Q	59 472	16 727	1 780	Q	Q
51751	Cable and other program distribution .....	52	Q	59 472	16 727	1 780	Q	Q
517510	Cable and other program distribution .....	52	Q	59 472	16 727	1 780	Q	Q
518	Internet service providers, web search portals, and data processing services .....	256		1 988 167	694 464	202 591	.6	4.9
5181	Internet service providers and web search portals .....	26	D	D	D	c	D	D
51811	Internet service providers and web search portals .....	26	D	D	D	c	D	D
518111	Internet service providers .....	24	D	D	D	b	D	D
5182	Data processing, hosting, and related services .....	230	D	D	D	j	D	D
51821	Data processing, hosting, and related services .....	230	D	D	D	j	D	D
518210	Data processing, hosting, and related services .....	230	D	D	D	j	D	D
519	Other information services .....	15	D	D	D	e	D	D
5191	Other information services .....	15	D	D	D	e	D	D
51912	Libraries and archives .....	10	D	D	D	c	D	D
519120	Libraries and archives .....	10	D	D	D	c	D	D
51919	All other information services .....	1	D	D	D	e	D	D
519190	All other information services .....	1	D	D	D	e	D	D
<b>Flint, MI Metropolitan Statistical Area</b>								
<b>51</b>	<b>Information .....</b>	<b>151</b>	<b>N</b>	<b>173 063</b>	<b>47 564</b>	<b>3 992</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	17		80 492	22 250	5 440	2.1	1.0
5111	Newspaper, periodical, book, and directory publishers .....	15	D	D	D	f	D	D
51111	Newspaper publishers .....	6	D	D	D	e	D	D
511110	Newspaper publishers .....	6	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	13	N	D	D	c	N	N
5121	Motion picture and video industries .....	13	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	8	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	6	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	12	D	D	D	e	D	D
5151	Radio and television broadcasting .....	11	D	D	D	e	D	D
51511	Radio broadcasting .....	8	D	D	D	c	D	D
515112	Radio stations .....	8	D	D	D	c	D	D
517	Telecommunications .....	63	N	39 086	10 917	813	N	N
5171	Wired telecommunications carriers .....	32	Q	D	D	f	Q	Q
51711	Wired telecommunications carriers .....	32	Q	D	D	f	Q	Q
517110	Wired telecommunications carriers .....	32	Q	D	D	f	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	19	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	19	Q	D	D	c	Q	Q
5175	Cable and other program distribution .....	8	Q	D	D	c	Q	Q
51751	Cable and other program distribution .....	8	Q	D	D	c	Q	Q
517510	Cable and other program distribution .....	8	Q	D	D	c	Q	Q
518	Internet service providers, web search portals, and data processing services .....	45	D	D	D	g	D	D
5182	Data processing, hosting, and related services .....	39	D	D	D	g	D	D
51821	Data processing, hosting, and related services .....	39	D	D	D	g	D	D
518210	Data processing, hosting, and related services .....	39	D	D	D	g	D	D

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>DETROIT-WARREN-FLINT, MI COMBINED STATISTICAL AREA—Con.</b>								
<b>Monroe, MI Metropolitan Statistical Area</b>								
<b>51</b>	<b>Information .....</b>	<b>33</b>	<b>N</b>	<b>12 569</b>	<b>3 244</b>	<b>452</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	6		13 720	5 155	1 348	—	5.3
5111	Newspaper, periodical, book, and directory publishers .....	5	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	4	N	D	D	b	N	N
5121	Motion picture and video industries .....	4	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	b	D	D
517	Telecommunications .....	16	N	5 170	1 378	127	N	N
<b>GRAND RAPIDS-MUSKEGON-HOLLAND, MI COMBINED STATISTICAL AREA</b>								
<b>51</b>	<b>Information .....</b>	<b>477</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>i</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	114	D	D	D	h	D	D
5111	Newspaper, periodical, book, and directory publishers .....	84	D	D	D	h	D	D
51111	Newspaper publishers .....	29		148 704	52 662	12 924	1 669	1.9
511110	Newspaper publishers .....	29		148 704	52 662	12 924	1 669	1.9
51113	Book publishers .....	17	D	D	D	f	D	D
511130	Book publishers .....	17	D	D	D	f	D	D
51114	Directory and mailing list publishers .....	9	D	D	D	c	D	D
511140	Directory and mailing list publishers .....	9	D	D	D	c	D	D
5112	Software publishers .....	30	D	D	D	c	D	D
51121	Software publishers .....	30	D	D	D	c	D	D
511210	Software publishers .....	30	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	58	N	D	D	f	N	N
5121	Motion picture and video industries .....	52	N	D	D	f	N	N
51213	Motion picture and video exhibition .....	20	D	D	D	f	D	D
512131	Motion picture theaters (except drive-ins) .....	19	D	D	D	f	D	D
515	Broadcasting (except Internet) .....	38	D	D	D	f	D	D
5151	Radio and television broadcasting .....	38	D	D	D	f	D	D
51511	Radio broadcasting .....	31	D	D	D	e	D	D
515112	Radio stations .....	31	D	D	D	e	D	D
517	Telecommunications .....	191	N	D	D	h	N	N
5171	Wired telecommunications carriers .....	118	Q	D	D	g	Q	Q
51711	Wired telecommunications carriers .....	118	Q	D	D	g	Q	Q
517110	Wired telecommunications carriers .....	118	Q	D	D	g	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	33	Q	D	D	e	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	33	Q	D	D	e	Q	Q
517212	Cellular and other wireless telecommunications .....	28	Q	D	D	e	Q	Q
5175	Cable and other program distribution .....	23	Q	D	D	e	Q	Q
51751	Cable and other program distribution .....	23	Q	D	D	e	Q	Q
517510	Cable and other program distribution .....	23	Q	D	D	e	Q	Q
518	Internet service providers, web search portals, and data processing services .....	61	D	D	D	g	D	D
5181	Internet service providers and web search portals .....	18	D	D	D	c	D	D
51811	Internet service providers and web search portals .....	18	D	D	D	c	D	D
518111	Internet service providers .....	16	D	D	D	c	D	D
5182	Data processing, hosting, and related services .....	43	D	D	D	g	D	D
51821	Data processing, hosting, and related services .....	43	D	D	D	g	D	D
518210	Data processing, hosting, and related services .....	43	D	D	D	g	D	D
519	Other information services .....	11	D	D	D	b	D	D
5191	Other information services .....	11	D	D	D	b	D	D
51912	Libraries and archives .....	10	D	D	D	b	D	D
519120	Libraries and archives .....	10	D	D	D	b	D	D
<b>Allegan, MI Micropolitan Statistical Area</b>								
<b>51</b>	<b>Information .....</b>	<b>26</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—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 <sup>1</sup>	Estimated <sup>2</sup>
<b>GRAND RAPIDS-MUSKEGON-HOLLAND, MI COMBINED STATISTICAL AREA—Con.</b>								
<b>Grand Rapids-Wyoming, MI Metropolitan Statistical Area</b>								
<b>51</b>	<b>Information .....</b>	<b>317</b>	<b>N</b>	<b>311 512</b>	<b>74 841</b>	<b>7 085</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	73	471 333	83 360	19 121	2 160	2.6	3.2
5111	Newspaper, periodical, book, and directory publishers .....	52	423 953	72 567	17 070	2 029	2.6	1.9
51111	Newspaper publishers .....	13	D	D	D	f	D	D
511110	Newspaper publishers .....	13	D	D	D	f	D	D
51113	Book publishers .....	10	D	D	D	f	D	D
511130	Book publishers .....	10	D	D	D	f	D	D
51114	Directory and mailing list publishers .....	7	D	D	D	c	D	D
511140	Directory and mailing list publishers .....	7	D	D	D	c	D	D
5112	Software publishers .....	21	47 380	10 793	2 051	131	2.3	14.9
51121	Software publishers .....	21	47 380	10 793	2 051	131	2.3	14.9
511210	Software publishers .....	21	47 380	10 793	2 051	131	2.3	14.9
512	Motion picture and sound recording industries .....	41	N	D	D	f	N	N
5121	Motion picture and video industries .....	38	N	D	D	f	N	N
51213	Motion picture and video exhibition .....	12	D	D	D	e	D	D
512131	Motion picture theaters (except drive-ins) .....	12	D	D	D	e	D	D
515	Broadcasting (except Internet) .....	25	D	D	D	f	D	D
5151	Radio and television broadcasting .....	25	D	D	D	f	D	D
51511	Radio broadcasting .....	20	D	D	D	e	D	D
515112	Radio stations .....	20	D	D	D	e	D	D
517	Telecommunications .....	124	N	116 614	30 137	1 929	N	N
5171	Wired telecommunications carriers .....	77	Q	89 364	23 255	1 416	Q	Q
51711	Wired telecommunications carriers .....	77	Q	89 364	23 255	1 416	Q	Q
517110	Wired telecommunications carriers .....	77	Q	89 364	23 255	1 416	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	25	Q	D	D	e	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	25	Q	D	D	e	Q	Q
517212	Cellular and other wireless telecommunications .....	21	Q	D	D	e	Q	Q
518	Internet service providers, web search portals, and data processing services .....	45	91 766	68 979	15 838	1 542	3.4	.5
5181	Internet service providers and web search portals .....	12	14 012	4 066	1 041	152	10.8	2.8
51811	Internet service providers and web search portals .....	12	14 012	4 066	1 041	152	10.8	2.8
518111	Internet service providers .....	10	D	D	D	c	D	D
5182	Data processing, hosting, and related services .....	33	77 754	64 913	14 797	1 390	2.1	.1
51821	Data processing, hosting, and related services .....	33	77 754	64 913	14 797	1 390	2.1	.1
518210	Data processing, hosting, and related services .....	33	77 754	64 913	14 797	1 390	2.1	.1
519	Other information services .....	8	D	D	D	b	D	D
5191	Other information services .....	8	D	D	D	b	D	D
<b>Holland-Grand Haven, MI Metropolitan Statistical Area</b>								
<b>51</b>	<b>Information .....</b>	<b>67</b>	<b>N</b>	<b>27 465</b>	<b>6 639</b>	<b>916</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	21	44 169	12 231	2 710	451	.7	3.1
5111	Newspaper, periodical, book, and directory publishers .....	15	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	8	N	D	D	c	N	N
5121	Motion picture and video industries .....	5	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	b	D	D
517	Telecommunications .....	20	N	D	D	c	N	N
<b>Muskegon-Norton Shores, MI Metropolitan Statistical Area</b>								
<b>51</b>	<b>Information .....</b>	<b>67</b>	<b>N</b>	<b>58 755</b>	<b>13 507</b>	<b>1 278</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	9	27 514	11 431	2 831	335	7.0	1.2
5111	Newspaper, periodical, book, and directory publishers .....	8	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	8	N	D	D	c	N	N
5121	Motion picture and video industries .....	8	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	5	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	4	D	D	D	c	D	D
517	Telecommunications .....	38	N	36 403	7 966	608	N	N
5171	Wired telecommunications carriers .....	23	Q	D	D	e	Q	Q
51711	Wired telecommunications carriers .....	23	Q	D	D	e	Q	Q
517110	Wired telecommunications carriers .....	23	Q	D	D	e	Q	Q

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>LANSING-EAST LANSING-OWOSSO, MI COMBINED STATISTICAL AREA</b>								
<b>51</b>	<b>Information .....</b>	<b>223</b>	<b>N</b>	<b>173 808</b>	<b>44 361</b>	<b>4 452</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	48	D	D	D	g	D	D
5111	Newspaper, periodical, book, and directory publishers .....	31	D	D	D	f	D	D
51111	Newspaper publishers .....	9	D	D	D	f	D	D
511110	Newspaper publishers .....	9	D	D	D	f	D	D
5112	Software publishers .....	17	67 313	21 673	5 758	355	9.7	3.0
51121	Software publishers .....	17	67 313	21 673	5 758	355	9.7	3.0
511210	Software publishers .....	17	67 313	21 673	5 758	355	9.7	3.0
512	Motion picture and sound recording industries .....	24	N	4 830	1 095	342	N	N
5121	Motion picture and video industries .....	21	N	D	D	e	N	N
51213	Motion picture and video exhibition .....	10	D	D	D	e	D	D
512131	Motion picture theaters (except drive-ins) .....	10	D	D	D	e	D	D
515	Broadcasting (except Internet) .....	21	D	D	D	f	D	D
5151	Radio and television broadcasting .....	18	D	D	D	f	D	D
51511	Radio broadcasting .....	13	D	D	D	c	D	D
515112	Radio stations .....	8	D	D	D	c	D	D
517	Telecommunications .....	91	N	D	D	g	N	N
5171	Wired telecommunications carriers .....	58	Q	D	D	f	Q	Q
51711	Wired telecommunications carriers .....	58	Q	D	D	f	Q	Q
517110	Wired telecommunications carriers .....	58	Q	D	D	f	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	19	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	19	Q	D	D	c	Q	Q
5175	Cable and other program distribution .....	11	Q	D	D	e	Q	Q
51751	Cable and other program distribution .....	11	Q	D	D	e	Q	Q
517510	Cable and other program distribution .....	11	Q	D	D	e	Q	Q
518	Internet service providers, web search portals, and data processing services .....	30	D	D	D	g	D	D
5182	Data processing, hosting, and related services .....	23	163 441	46 010	13 109	1 047	1.0	5.1
51821	Data processing, hosting, and related services .....	23	163 441	46 010	13 109	1 047	1.0	5.1
518210	Data processing, hosting, and related services .....	23	163 441	46 010	13 109	1 047	1.0	5.1
519	Other information services .....	7	D	D	D	b	D	D
5191	Other information services .....	7	D	D	D	b	D	D
<b>Lansing-East Lansing, MI Metropolitan Statistical Area</b>								
<b>51</b>	<b>Information .....</b>	<b>208</b>	<b>N</b>	<b>168 464</b>	<b>43 218</b>	<b>4 240</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	47	151 796	45 069	11 421	1 071	6.3	2.5
5111	Newspaper, periodical, book, and directory publishers .....	30	84 483	23 396	5 663	716	3.5	2.2
51111	Newspaper publishers .....	8	D	D	D	f	D	D
511110	Newspaper publishers .....	8	D	D	D	f	D	D
5112	Software publishers .....	17	67 313	21 673	5 758	355	9.7	3.0
51121	Software publishers .....	17	67 313	21 673	5 758	355	9.7	3.0
511210	Software publishers .....	17	67 313	21 673	5 758	355	9.7	3.0
512	Motion picture and sound recording industries .....	20	N	D	D	e	N	N
5121	Motion picture and video industries .....	17	N	D	D	e	N	N
51213	Motion picture and video exhibition .....	8	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	8	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	20	66 938	18 624	4 227	552	.2	12.1
5151	Radio and television broadcasting .....	18	D	D	D	f	D	D
51511	Radio broadcasting .....	13	D	D	D	c	D	D
515112	Radio stations .....	8	D	D	D	c	D	D
517	Telecommunications .....	84	N	53 178	13 179	1 194	N	N
5171	Wired telecommunications carriers .....	51	Q	34 948	8 875	601	Q	Q
51711	Wired telecommunications carriers .....	51	Q	34 948	8 875	601	Q	Q
517110	Wired telecommunications carriers .....	51	Q	34 948	8 875	601	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	19	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	19	Q	D	D	c	Q	Q
5175	Cable and other program distribution .....	11	Q	D	D	e	Q	Q
51751	Cable and other program distribution .....	11	Q	D	D	e	Q	Q
517510	Cable and other program distribution .....	11	Q	D	D	e	Q	Q
518	Internet service providers, web search portals, and data processing services .....	29	164 638	46 279	13 156	1 057	1.0	5.2
5182	Data processing, hosting, and related services .....	23	163 441	46 010	13 109	1 047	1.0	5.1
51821	Data processing, hosting, and related services .....	23	163 441	46 010	13 109	1 047	1.0	5.1
518210	Data processing, hosting, and related services .....	23	163 441	46 010	13 109	1 047	1.0	5.1

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>LANSING-EAST LANSING-OWOSSO, MI COMBINED STATISTICAL AREA—Con.</b>							
	<b>Lansing-East Lansing, MI Metropolitan Statistical Area—Con.</b>							
<b>51</b>	<b>Information—Con.</b>							
519	Other information services .....	6	D	D	D	b	D	D
5191	Other information services .....	6	D	D	D	b	D	D
	<b>Owosso, MI Micropolitan Statistical Area</b>							
<b>51</b>	<b>Information .....</b>	<b>15</b>	<b>N</b>	<b>5 344</b>	<b>1 143</b>	<b>212</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	4	N	D	D	b	N	N
5121	Motion picture and video industries .....	4	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
517	Telecommunications .....	7	N	D	D	b	N	N
	<b>SAGINAW-BAY CITY-SAGINAW TOWNSHIP NORTH, MI COMBINED STATISTICAL AREA</b>							
<b>51</b>	<b>Information .....</b>	<b>103</b>	<b>N</b>	<b>160 846</b>	<b>41 286</b>	<b>3 654</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	17	60 142	20 338	5 073	608	1.4	.2
5111	Newspaper, periodical, book, and directory publishers .....	15	D	D	D	f	D	D
51111	Newspaper publishers .....	10	D	D	D	f	D	D
511110	Newspaper publishers .....	10	D	D	D	f	D	D
512	Motion picture and sound recording industries .....	10	N	D	D	c	N	N
5121	Motion picture and video industries .....	10	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	6	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	6	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	5	32 290	11 374	2 575	251	1.5	11.1
5151	Radio and television broadcasting .....	5	32 290	11 374	2 575	251	1.5	11.1
51511	Radio broadcasting .....	3	D	D	D	c	D	D
515112	Radio stations .....	3	D	D	D	c	D	D
517	Telecommunications .....	47	N	106 074	27 780	2 164	N	N
5171	Wired telecommunications carriers .....	25	Q	D	D	g	Q	Q
51711	Wired telecommunications carriers .....	25	Q	D	D	g	Q	Q
517110	Wired telecommunications carriers .....	25	Q	D	D	g	Q	Q
5175	Cable and other program distribution .....	11	Q	D	D	e	Q	Q
51751	Cable and other program distribution .....	11	Q	D	D	e	Q	Q
517510	Cable and other program distribution .....	11	Q	D	D	e	Q	Q
518	Internet service providers, web search portals, and data processing services .....	19	D	D	D	e	D	D
5182	Data processing, hosting, and related services .....	18	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	18	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	18	D	D	D	e	D	D
	<b>Bay City, MI Metropolitan Statistical Area</b>							
<b>51</b>	<b>Information .....</b>	<b>27</b>	<b>N</b>	<b>28 312</b>	<b>7 175</b>	<b>821</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	7	22 159	9 683	2 403	299	3.7	—
5111	Newspaper, periodical, book, and directory publishers .....	6	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
517	Telecommunications .....	13	N	16 905	4 336	443	N	N
5175	Cable and other program distribution .....	5	Q	D	D	e	Q	Q
51751	Cable and other program distribution .....	5	Q	D	D	e	Q	Q
517510	Cable and other program distribution .....	5	Q	D	D	e	Q	Q

See footnotes at end of table.

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>SAGINAW-BAY CITY-SAGINAW TOWNSHIP NORTH, MI COMBINED STATISTICAL AREA—Con.</b>								
<b>Saginaw-Saginaw Township North, MI Metropolitan Statistical Area</b>								
<b>51</b>	<b>Information</b> .....	<b>76</b>	<b>N</b>	<b>132 534</b>	<b>34 111</b>	<b>2 833</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	10	37 983	10 655	2 670	309	—	.3
5111	Newspaper, periodical, book, and directory publishers .....	9	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	8	N	D	D	c	N	N
5121	Motion picture and video industries .....	8	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	4	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	4	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	5	32 290	11 374	2 575	251	1.5	11.1
5151	Radio and television broadcasting .....	5	32 290	11 374	2 575	251	1.5	11.1
51511	Radio broadcasting .....	3	D	D	D	c	D	D
515112	Radio stations .....	3	D	D	D	c	D	D
517	Telecommunications .....	34	N	89 169	23 444	1 721	N	N
5171	Wired telecommunications carriers .....	19	Q	D	D	g	Q	Q
51711	Wired telecommunications carriers .....	19	Q	D	D	g	Q	Q
517110	Wired telecommunications carriers .....	19	Q	D	D	g	Q	Q
518	Internet service providers, web search portals, and data processing services .....	15	56 443	19 457	4 970	375	.8	—
5182	Data processing, hosting, and related services .....	14	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	14	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	14	D	D	D	e	D	D
<b>ADRIAN, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>31</b>	<b>N</b>	<b>9 677</b>	<b>2 072</b>	<b>335</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	16	N	4 801	1 015	137	N	N
<b>ALMA, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>13</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	3	N	D	D	c	N	N
5121	Motion picture and video industries .....	3	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	c	D	D
<b>ALPENA, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>17</b>	<b>N</b>	<b>5 444</b>	<b>1 323</b>	<b>218</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	9	N	D	D	b	N	N
<b>BATTLE CREEK, MI METROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>41</b>	<b>N</b>	<b>21 013</b>	<b>5 099</b>	<b>715</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	10	23 171	7 440	1 833	235	.1	5.6
5111	Newspaper, periodical, book, and directory publishers .....	9	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	4	N	D	D	b	N	N
5121	Motion picture and video industries .....	4	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	4	D	D	D	b	D	D
515	Broadcasting (except Internet) .....	9	12 063	4 227	946	131	—	1.8
5151	Radio and television broadcasting .....	8	D	D	D	c	D	D
517	Telecommunications .....	16	N	6 601	1 598	188	N	N
519	Other information services .....	1	D	D	D	b	D	D
5191	Other information services .....	1	D	D	D	b	D	D
51912	Libraries and archives .....	1	D	D	D	b	D	D
519120	Libraries and archives .....	1	D	D	D	b	D	D
<b>BIG RAPIDS, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>10</b>	<b>N</b>	<b>4 970</b>	<b>1 136</b>	<b>179</b>	<b>N</b>	<b>N</b>
<b>CADILLAC, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>17</b>	<b>N</b>	<b>6 493</b>	<b>1 563</b>	<b>196</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	10	N	3 440	848	60	N	N

See footnotes at end of table.



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NAICS code	Geographic area and kind of business	Estab-lishments (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 <sup>1</sup>	Estimated <sup>2</sup>
<b>COLDWATER, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>15</b>	<b>N</b>	<b>4 266</b>	<b>896</b>	<b>130</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
517	Telecommunications .....	8	N	2 386	438	43	N	N
<b>ESCANABA, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>18</b>	<b>N</b>	<b>11 854</b>	<b>3 476</b>	<b>274</b>	<b>N</b>	<b>N</b>
515	Broadcasting (except Internet) .....	4	21 285	6 553	2 042	85	—	—
5151	Radio and television broadcasting .....	4	21 285	6 553	2 042	85	—	—
51511	Radio broadcasting .....	3	D	D	D	b	D	D
515112	Radio stations .....	2	D	D	D	b	D	D
517	Telecommunications .....	9	N	D	D	b	N	N
<b>HOUGHTON, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>18</b>	<b>N</b>	<b>4 015</b>	<b>1 159</b>	<b>214</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	6	N	1 487	476	43	N	N
<b>IRON MOUNTAIN, MI-WI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>16</b>	<b>N</b>	<b>4 308</b>	<b>1 151</b>	<b>219</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	1	N	D	D	b	N	N
5121	Motion picture and video industries .....	1	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
517	Telecommunications .....	7	N	1 942	560	51	N	N
<b>JACKSON, MI METROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>35</b>	<b>N</b>	<b>21 123</b>	<b>5 361</b>	<b>630</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	9	31 670	10 410	2 658	346	5.7	.4
5111	Newspaper, periodical, book, and directory publishers .....	7	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N
5121	Motion picture and video industries .....	3	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
517	Telecommunications .....	18	N	8 686	2 301	189	N	N
<b>KALAMAZOO-PORTAGE, MI METROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>116</b>	<b>N</b>	<b>84 818</b>	<b>21 499</b>	<b>2 132</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	23	92 011	22 541	5 440	574	.6	17.9
5111	Newspaper, periodical, book, and directory publishers .....	17	87 371	20 052	4 874	533	.6	17.3
51111	Newspaper publishers .....	5	D	D	D	e	D	D
511110	Newspaper publishers .....	5	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	17	N	D	D	c	N	N
5121	Motion picture and video industries .....	15	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	4	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	4	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	8	40 161	9 446	2 530	289	.6	—
5151	Radio and television broadcasting .....	7	D	D	D	e	D	D
51511	Radio broadcasting .....	5	D	D	D	c	D	D
515112	Radio stations .....	4	D	D	D	c	D	D
517	Telecommunications .....	52	N	46 206	11 893	976	N	N
5171	Wired telecommunications carriers .....	36	Q	33 912	8 853	610	Q	Q
51711	Wired telecommunications carriers .....	36	Q	33 912	8 853	610	Q	Q
517110	Wired telecommunications carriers .....	36	Q	33 912	8 853	610	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	7	Q	6 724	1 638	177	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	7	Q	6 724	1 638	177	Q	Q
517212	Cellular and other wireless telecommunications .....	5	Q	D	D	c	Q	Q
<b>MARINETTE, WI-MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>16</b>	<b>N</b>	<b>6 450</b>	<b>1 640</b>	<b>270</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	6	N	3 305	808	78	N	N

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>MARQUETTE, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>31</b>	<b>N</b>	<b>15 307</b>	<b>3 867</b>	<b>511</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	4	N	D	D	b	N	N
5121	Motion picture and video industries .....	4	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	b	D	D
517	Telecommunications .....	14	N	9 543	2 392	245	N	N
<b>MIDLAND, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>39</b>	<b>N</b>	<b>24 254</b>	<b>7 018</b>	<b>619</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N
5121	Motion picture and video industries .....	3	N	D	D	b	N	N
517	Telecommunications .....	10	N	3 396	893	64	N	N
518	Internet service providers, web search portals, and data processing services .....	18	D	D	D	e	D	D
5182	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
<b>MOUNT PLEASANT, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>21</b>	<b>N</b>	<b>6 395</b>	<b>1 519</b>	<b>250</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
517	Telecommunications .....	10	N	4 656	1 124	144	N	N
<b>NILES-BENTON HARBOR, MI METROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>56</b>	<b>N</b>	<b>28 231</b>	<b>6 886</b>	<b>1 017</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	19	60 146	13 847	3 295	493	3.1	2.5
5111	Newspaper, periodical, book, and directory publishers .....	17	D	D	D	e	D	D
51119	Other publishers .....	3	D	D	D	c	D	D
511199	All other publishers .....	3	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	6	N	D	D	c	N	N
5121	Motion picture and video industries .....	3	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	c	D	D
517	Telecommunications .....	22	N	10 222	2 556	259	N	N
<b>SAULT STE. MARIE, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>13</b>	<b>N</b>	<b>4 191</b>	<b>1 036</b>	<b>192</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	6	N	2 499	626	57	N	N
<b>SOUTH BEND-MISHAWAKA, IN-MI METROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information</b> .....	<b>126</b>	<b>N</b>	<b>123 523</b>	<b>31 021</b>	<b>3 456</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	28	114 250	37 334	8 957	1 249	2.6	.5
5111	Newspaper, periodical, book, and directory publishers .....	24	D	D	D	g	D	D
51111	Newspaper publishers .....	6	D	D	D	f	D	D
511110	Newspaper publishers .....	6	D	D	D	f	D	D
5112	Software publishers .....	4	D	D	D	c	D	D
51121	Software publishers .....	4	D	D	D	c	D	D
511210	Software publishers .....	4	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	13	N	D	D	c	N	N
5121	Motion picture and video industries .....	12	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	6	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	5	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	7	43 022	15 951	3 962	417	.1	.2
5151	Radio and television broadcasting .....	6	D	D	D	e	D	D
517	Telecommunications .....	58	N	47 253	12 785	1 088	N	N
5171	Wired telecommunications carriers .....	36	Q	33 689	9 293	615	Q	Q
51711	Wired telecommunications carriers .....	36	Q	33 689	9 293	615	Q	Q
517110	Wired telecommunications carriers .....	36	Q	33 689	9 293	615	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	8	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	8	Q	D	D	c	Q	Q
517212	Cellular and other wireless telecommunications .....	7	Q	D	D	c	Q	Q

See footnotes at end of table.

**Table 2. Summary Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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NAICS code	Geographic area and kind of business	Estab-lishments (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 admini-strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>SOUTH BEND-MISHAWAKA, IN-MI METROPOLITAN STATISTICAL AREA—Con.</b>								
<b>51</b>	<b>Information—Con.</b>							
518	Internet service providers, web search portals, and data processing services .....	18	78 808	20 931	4 852	486	.7	3.5
5181	Internet service providers and web search portals .....	6	D	D	D	b	D	D
51811	Internet service providers and web search portals .....	6	D	D	D	b	D	D
518111	Internet service providers .....	6	D	D	D	b	D	D
5182	Data processing, hosting, and related services .....	12	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	12	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	12	D	D	D	e	D	D
<b>STURGIS, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information .....</b>	<b>31</b>	<b>N</b>	<b>7 348</b>	<b>1 839</b>	<b>286</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	16	N	4 322	1 123	148	N	N
<b>TRAVERSE CITY, MI MICROPOLITAN STATISTICAL AREA</b>								
<b>51</b>	<b>Information .....</b>	<b>94</b>	<b>N</b>	<b>41 069</b>	<b>10 755</b>	<b>1 191</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	25	D	D	D	e	D	D
5111	Newspaper, periodical, book, and directory publishers .....	22	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	11	N	D	D	b	N	N
5121	Motion picture and video industries .....	10	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	6	D	D	D	b	D	D
515	Broadcasting (except Internet) .....	9	21 443	8 362	2 080	280	—	30.6
5151	Radio and television broadcasting .....	9	21 443	8 362	2 080	280	—	30.6
51511	Radio broadcasting .....	7	D	D	D	c	D	D
515112	Radio stations .....	6	D	D	D	c	D	D
517	Telecommunications .....	33	N	17 874	4 885	362	N	N
5172	Wireless telecommunications carriers (except satellite) .....	11	Q	3 311	855	103	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	11	Q	3 311	855	103	Q	Q
517212	Cellular and other wireless telecommunications .....	8	Q	3 191	803	99	Q	Q

<sup>1</sup>Includes receipts information obtained from administrative records of other federal agencies.

<sup>2</sup>Includes receipts information that was imputed based on historic data, administrative data, industry averages, or other statistical methods.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

**Table 3. Summary Statistics for Counties: 2002**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas, see Appendix D. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>51</b>	<b>ALCONA</b>							
	Information .....	2	N	D	D	a	N	N
	<b>ALGER</b>							
<b>51</b>	Information .....	5	N	2 115	454	56	N	N
517	Telecommunications .....	3	N	D	D	b	N	N
	<b>ALLEGAN</b>							
<b>51</b>	Information .....	26	N	D	D	c	N	N
	<b>ALPENA</b>							
<b>51</b>	Information .....	17	N	5 444	1 323	218	N	N
517	Telecommunications .....	9	N	D	D	b	N	N
	<b>ANTRIM</b>							
<b>51</b>	Information .....	14	N	808	179	31	N	N
	<b>ARENAC</b>							
<b>51</b>	Information .....	4	N	1 125	273	50	N	N
	<b>BARAGA</b>							
<b>51</b>	Information .....	4	N	2 350	514	53	N	N
517	Telecommunications .....	3	N	D	D	b	N	N
	<b>BARRY</b>							
<b>51</b>	Information .....	11	N	2 435	572	73	N	N
517	Telecommunications .....	5	N	D	D	b	N	N
	<b>BAY</b>							
<b>51</b>	Information .....	27	N	28 312	7 175	821	N	N
511	Publishing industries (except Internet) .....	7	22 159	9 683	2 403	299	3.7	—
5111	Newspaper, periodical, book, and directory publishers .....	6	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
517	Telecommunications .....	13	N	16 905	4 336	443	N	N
5175	Cable and other program distribution .....	5	Q	D	D	e	Q	Q
51751	Cable and other program distribution .....	5	Q	D	D	e	Q	Q
517510	Cable and other program distribution .....	5	Q	D	D	e	Q	Q
	<b>BENZIE</b>							
<b>51</b>	Information .....	6	N	D	D	a	N	N
	<b>BERRIEN</b>							
<b>51</b>	Information .....	56	N	28 231	6 886	1 017	N	N
511	Publishing industries (except Internet) .....	19	60 146	13 847	3 295	493	3.1	2.5
5111	Newspaper, periodical, book, and directory publishers .....	17	D	D	D	e	D	D
51119	Other publishers .....	3	D	D	D	c	D	D
511199	All other publishers .....	3	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	6	N	D	D	c	N	N
5121	Motion picture and video industries .....	3	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	c	D	D
517	Telecommunications .....	22	N	10 222	2 556	259	N	N
	<b>BRANCH</b>							
<b>51</b>	Information .....	15	N	4 266	896	130	N	N
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
517	Telecommunications .....	8	N	2 386	438	43	N	N

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>CALHOUN</b>								
<b>51</b>	<b>Information .....</b>	<b>41</b>	<b>N</b>	<b>21 013</b>	<b>5 099</b>	<b>715</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	10	23 171	7 440	1 833	235	.1	5.6
5111	Newspaper, periodical, book, and directory publishers .....	9	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	4	N	D	D	b	N	N
5121	Motion picture and video industries .....	4	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	4	D	D	D	b	D	D
515	Broadcasting (except Internet) .....	9	12 063	4 227	946	131	—	1.8
5151	Radio and television broadcasting .....	8	D	D	D	c	D	D
517	Telecommunications .....	16	N	6 601	1 598	188	N	N
519	Other information services .....	1	D	D	D	b	D	D
5191	Other information services .....	1	D	D	D	b	D	D
51912	Libraries and archives .....	1	D	D	D	b	D	D
519120	Libraries and archives .....	1	D	D	D	b	D	D
<b>CASS</b>								
<b>51</b>	<b>Information .....</b>	<b>11</b>	<b>N</b>	<b>1 499</b>	<b>341</b>	<b>59</b>	<b>N</b>	<b>N</b>
<b>CHARLEVOIX</b>								
<b>51</b>	<b>Information .....</b>	<b>13</b>	<b>N</b>	<b>1 815</b>	<b>473</b>	<b>68</b>	<b>N</b>	<b>N</b>
<b>CHEBOYGAN</b>								
<b>51</b>	<b>Information .....</b>	<b>15</b>	<b>N</b>	<b>2 437</b>	<b>588</b>	<b>132</b>	<b>N</b>	<b>N</b>
<b>CHIPPEWA</b>								
<b>51</b>	<b>Information .....</b>	<b>13</b>	<b>N</b>	<b>4 191</b>	<b>1 036</b>	<b>192</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	6	N	2 499	626	57	N	N
<b>CLARE</b>								
<b>51</b>	<b>Information .....</b>	<b>10</b>	<b>N</b>	<b>1 524</b>	<b>390</b>	<b>49</b>	<b>N</b>	<b>N</b>
<b>CLINTON</b>								
<b>51</b>	<b>Information .....</b>	<b>17</b>	<b>N</b>	<b>3 517</b>	<b>840</b>	<b>117</b>	<b>N</b>	<b>N</b>
<b>CRAWFORD</b>								
<b>51</b>	<b>Information .....</b>	<b>7</b>	<b>N</b>	<b>539</b>	<b>131</b>	<b>18</b>	<b>N</b>	<b>N</b>
<b>DELTA</b>								
<b>51</b>	<b>Information .....</b>	<b>18</b>	<b>N</b>	<b>11 854</b>	<b>3 476</b>	<b>274</b>	<b>N</b>	<b>N</b>
515	Broadcasting (except Internet) .....	4	21 285	6 553	2 042	85	—	—
5151	Radio and television broadcasting .....	4	21 285	6 553	2 042	85	—	—
51511	Radio broadcasting .....	3	D	D	D	b	D	D
515112	Radio stations .....	2	D	D	D	b	D	D
517	Telecommunications .....	9	N	D	D	b	N	N
<b>DICKINSON</b>								
<b>51</b>	<b>Information .....</b>	<b>15</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	1	N	D	D	b	N	N
5121	Motion picture and video industries .....	1	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
517	Telecommunications .....	7	N	1 942	560	51	N	N
<b>EATON</b>								
<b>51</b>	<b>Information .....</b>	<b>31</b>	<b>N</b>	<b>13 270</b>	<b>3 649</b>	<b>474</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	9	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	6	N	D	D	b	N	N
5121	Motion picture and video industries .....	5	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	4	D	D	D	b	D	D
517	Telecommunications .....	9	N	D	D	c	N	N

See footnotes at end of table.

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>EMMET</b>								
<b>51</b>	<b>Information</b> .....	<b>25</b>	<b>N</b>	<b>11 202</b>	<b>2 580</b>	<b>389</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	8	D	D	D	c	D	D
5111	Newspaper, periodical, book, and directory publishers .....	8	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N
5121	Motion picture and video industries .....	3	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
517	Telecommunications .....	7	N	4 938	1 380	139	N	N
<b>GENESEE</b>								
<b>51</b>	<b>Information</b> .....	<b>151</b>	<b>N</b>	<b>173 063</b>	<b>47 564</b>	<b>3 992</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	17	80 492	22 250	5 440	583	2.1	1.0
5111	Newspaper, periodical, book, and directory publishers .....	15	D	D	D	f	D	D
51111	Newspaper publishers .....	6	D	D	D	e	D	D
511110	Newspaper publishers .....	6	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	13	N	D	D	c	N	N
5121	Motion picture and video industries .....	13	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	8	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	6	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	12	D	D	D	e	D	D
5151	Radio and television broadcasting .....	11	D	D	D	e	D	D
51511	Radio broadcasting .....	8	D	D	D	c	D	D
515112	Radio stations .....	8	D	D	D	c	D	D
517	Telecommunications .....	63	N	39 086	10 917	813	N	N
5171	Wired telecommunications carriers .....	32	Q	D	D	f	Q	Q
51711	Wired telecommunications carriers .....	32	Q	D	D	f	Q	Q
517110	Wired telecommunications carriers .....	32	Q	D	D	f	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	19	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	19	Q	D	D	c	Q	Q
5175	Cable and other program distribution .....	8	Q	D	D	c	Q	Q
51751	Cable and other program distribution .....	8	Q	D	D	c	Q	Q
517510	Cable and other program distribution .....	8	Q	D	D	c	Q	Q
518	Internet service providers, web search portals, and data processing services .....	45	D	D	D	g	D	D
5182	Data processing, hosting, and related services .....	39	D	D	D	g	D	D
51821	Data processing, hosting, and related services .....	39	D	D	D	g	D	D
518210	Data processing, hosting, and related services .....	39	D	D	D	g	D	D
<b>GLADWIN</b>								
<b>51</b>	<b>Information</b> .....	<b>8</b>	<b>N</b>	<b>1 689</b>	<b>395</b>	<b>85</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
<b>GOGEBIC</b>								
<b>51</b>	<b>Information</b> .....	<b>9</b>	<b>N</b>	<b>2 310</b>	<b>601</b>	<b>120</b>	<b>N</b>	<b>N</b>
<b>GRAND TRAVERSE</b>								
<b>51</b>	<b>Information</b> .....	<b>78</b>	<b>N</b>	<b>38 736</b>	<b>10 174</b>	<b>1 099</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	22	32 198	9 033	2 256	309	7.4	4.7
5111	Newspaper, periodical, book, and directory publishers .....	19	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	9	N	D	D	b	N	N
5121	Motion picture and video industries .....	8	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	4	D	D	D	b	D	D
515	Broadcasting (except Internet) .....	9	21 443	8 362	2 080	280	—	30.6
5151	Radio and television broadcasting .....	9	21 443	8 362	2 080	280	—	30.6
51511	Radio broadcasting .....	7	D	D	D	c	D	D
515112	Radio stations .....	6	D	D	D	c	D	D
517	Telecommunications .....	28	N	D	D	e	N	N
5172	Wireless telecommunications carriers (except satellite) .....	10	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	10	Q	D	D	c	Q	Q
517212	Cellular and other wireless telecommunications .....	7	Q	D	D	b	Q	Q

See footnotes at end of table.



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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>GRATIOT</b>							
<b>51</b>	<b>Information</b> .....	<b>13</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	3	N	D	D	c	N	N
5121	Motion picture and video industries .....	3	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	c	D	D
	<b>HILLSDALE</b>							
<b>51</b>	<b>Information</b> .....	<b>10</b>	<b>N</b>	<b>3 677</b>	<b>900</b>	<b>165</b>	<b>N</b>	<b>N</b>
	<b>HOUGHTON</b>							
<b>51</b>	<b>Information</b> .....	<b>18</b>	<b>N</b>	<b>4 015</b>	<b>1 159</b>	<b>214</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	6	N	1 487	476	43	N	N
	<b>HURON</b>							
<b>51</b>	<b>Information</b> .....	<b>19</b>	<b>N</b>	<b>7 654</b>	<b>1 911</b>	<b>221</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	14	N	2 758	727	73	N	N
	<b>INGHAM</b>							
<b>51</b>	<b>Information</b> .....	<b>160</b>	<b>N</b>	<b>151 677</b>	<b>38 729</b>	<b>3 649</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	34	137 168	38 765	9 901	904	6.0	2.5
5111	Newspaper, periodical, book, and directory publishers .....	22	D	D	D	f	D	D
51111	Newspaper publishers .....	5	D	D	D	e	D	D
511110	Newspaper publishers .....	5	D	D	D	e	D	D
5112	Software publishers .....	12	D	D	D	e	D	D
51121	Software publishers .....	12	D	D	D	e	D	D
511210	Software publishers .....	12	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	13	N	D	D	c	N	N
5121	Motion picture and video industries .....	11	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	3	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	17	D	D	D	f	D	D
5151	Radio and television broadcasting .....	15	D	D	D	f	D	D
51511	Radio broadcasting .....	10	D	D	D	c	D	D
515112	Radio stations .....	5	D	D	D	c	D	D
517	Telecommunications .....	67	N	45 548	11 359	1 021	N	N
5171	Wired telecommunications carriers .....	39	Q	31 553	8 025	530	Q	Q
51711	Wired telecommunications carriers .....	39	Q	31 553	8 025	530	Q	Q
517110	Wired telecommunications carriers .....	39	Q	31 553	8 025	530	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	17	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	17	Q	D	D	c	Q	Q
518	Internet service providers, web search portals, and data processing services .....	24	158 603	44 861	12 347	957	1.1	2.3
5182	Data processing, hosting, and related services .....	20	D	D	D	f	D	D
51821	Data processing, hosting, and related services .....	20	D	D	D	f	D	D
518210	Data processing, hosting, and related services .....	20	D	D	D	f	D	D
	<b>IONIA</b>							
<b>51</b>	<b>Information</b> .....	<b>10</b>	<b>N</b>	<b>1 374</b>	<b>307</b>	<b>61</b>	<b>N</b>	<b>N</b>
	<b>IOSCO</b>							
<b>51</b>	<b>Information</b> .....	<b>9</b>	<b>N</b>	<b>2 219</b>	<b>597</b>	<b>67</b>	<b>N</b>	<b>N</b>
	<b>IRON</b>							
<b>51</b>	<b>Information</b> .....	<b>12</b>	<b>N</b>	<b>1 248</b>	<b>314</b>	<b>56</b>	<b>N</b>	<b>N</b>
	<b>ISABELLA</b>							
<b>51</b>	<b>Information</b> .....	<b>21</b>	<b>N</b>	<b>6 395</b>	<b>1 519</b>	<b>250</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
517	Telecommunications .....	10	N	4 656	1 124	144	N	N

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>JACKSON</b>								
<b>51</b>	<b>Information</b> .....	<b>35</b>	<b>N</b>	<b>21 123</b>	<b>5 361</b>	<b>630</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	9	31 670	10 410	2 658	346	5.7	.4
5111	Newspaper, periodical, book, and directory publishers .....	7	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N
5121	Motion picture and video industries .....	3	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
517	Telecommunications .....	18	N	8 686	2 301	189	N	N
<b>KALAMAZOO</b>								
<b>51</b>	<b>Information</b> .....	<b>97</b>	<b>N</b>	<b>80 491</b>	<b>20 513</b>	<b>2 000</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	20	D	D	D	f	D	D
5111	Newspaper, periodical, book, and directory publishers .....	14	D	D	D	f	D	D
51111	Newspaper publishers .....	3	D	D	D	e	D	D
511110	Newspaper publishers .....	3	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	17	N	D	D	c	N	N
5121	Motion picture and video industries .....	15	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	4	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	4	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	8	40 161	9 446	2 530	289	.6	—
5151	Radio and television broadcasting .....	7	D	D	D	e	D	D
51511	Radio broadcasting .....	5	D	D	D	c	D	D
515112	Radio stations .....	4	D	D	D	c	D	D
517	Telecommunications .....	39	N	42 798	11 137	883	N	N
5171	Wired telecommunications carriers .....	26	Q	D	D	f	Q	Q
51711	Wired telecommunications carriers .....	26	Q	D	D	f	Q	Q
517110	Wired telecommunications carriers .....	26	Q	D	D	f	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	7	Q	6 724	1 638	177	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	7	Q	6 724	1 638	177	Q	Q
517212	Cellular and other wireless telecommunications .....	5	Q	D	D	c	Q	Q
<b>KALKASKA</b>								
<b>51</b>	<b>Information</b> .....	<b>6</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>KENT</b>								
<b>51</b>	<b>Information</b> .....	<b>282</b>	<b>N</b>	<b>305 652</b>	<b>73 446</b>	<b>6 814</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	68	468 507	82 303	18 892	2 059	2.5	3.2
5111	Newspaper, periodical, book, and directory publishers .....	47	421 127	71 510	16 841	1 928	2.5	1.9
51111	Newspaper publishers .....	10	D	D	D	f	D	D
511110	Newspaper publishers .....	10	D	D	D	f	D	D
51113	Book publishers .....	10	D	D	D	f	D	D
511130	Book publishers .....	10	D	D	D	f	D	D
51114	Directory and mailing list publishers .....	7	D	D	D	c	D	D
511140	Directory and mailing list publishers .....	7	D	D	D	c	D	D
5112	Software publishers .....	21	47 380	10 793	2 051	131	2.3	14.9
51121	Software publishers .....	21	47 380	10 793	2 051	131	2.3	14.9
511210	Software publishers .....	21	47 380	10 793	2 051	131	2.3	14.9
512	Motion picture and sound recording industries .....	39	N	D	D	f	N	N
5121	Motion picture and video industries .....	36	N	D	D	f	N	N
51213	Motion picture and video exhibition .....	10	D	D	D	e	D	D
512131	Motion picture theaters (except drive-ins) .....	10	D	D	D	e	D	D
515	Broadcasting (except Internet) .....	22	D	D	D	f	D	D
5151	Radio and television broadcasting .....	22	D	D	D	f	D	D
51511	Radio broadcasting .....	17	D	D	D	e	D	D
515112	Radio stations .....	17	D	D	D	e	D	D
517	Telecommunications .....	110	N	D	D	g	N	N
5171	Wired telecommunications carriers .....	65	Q	D	D	g	Q	Q
51711	Wired telecommunications carriers .....	65	Q	D	D	g	Q	Q
517110	Wired telecommunications carriers .....	65	Q	D	D	g	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	25	Q	D	D	e	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	25	Q	D	D	e	Q	Q
517212	Cellular and other wireless telecommunications .....	21	Q	D	D	e	Q	Q

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							From administrative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>KENT—Con.</b>							
	<b>Information—Con.</b>							
518	Internet service providers, web search portals, and data processing services .....	41	91 215	68 878	15 813	1 535	3.2	.5
5181	Internet service providers and web search portals .....	9	D	D	D	c	D	D
51811	Internet service providers and web search portals .....	9	D	D	D	c	D	D
518111	Internet service providers .....	7	D	D	D	c	D	D
5182	Data processing, hosting, and related services .....	32	D	D	D	g	D	D
51821	Data processing, hosting, and related services .....	32	D	D	D	g	D	D
518210	Data processing, hosting, and related services .....	32	D	D	D	g	D	D
	<b>LAKE</b>							
51	<b>Information</b> .....	2	N	D	D	a	N	N
	<b>LAPEER</b>							
51	<b>Information</b> .....	18	N	4 500	1 144	161	N	N
512	Motion picture and sound recording industries .....	5	N	D	D	b	N	N
5121	Motion picture and video industries .....	5	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
	<b>LEELANAU</b>							
51	<b>Information</b> .....	4	N	D	D	b	N	N
	<b>LENAWEE</b>							
51	<b>Information</b> .....	31	N	9 677	2 072	335	N	N
517	Telecommunications .....	16	N	4 801	1 015	137	N	N
	<b>LIVINGSTON</b>							
51	<b>Information</b> .....	44	N	21 858	5 258	538	N	N
511	Publishing industries (except Internet) .....	10	14 365	6 645	1 656	231	19.2	1.8
5111	Newspaper, periodical, book, and directory publishers .....	6	D	D	D	c	D	D
517	Telecommunications .....	18	N	D	D	c	N	N
	<b>LUCE</b>							
51	<b>Information</b> .....	5	N	601	149	22	N	N
	<b>MACKINAC</b>							
51	<b>Information</b> .....	6	N	D	D	b	N	N
	<b>MACOMB</b>							
51	<b>Information</b> .....	215	N	174 007	46 286	3 962	N	N
511	Publishing industries (except Internet) .....	42	109 056	35 187	8 140	884	19.0	35.7
5111	Newspaper, periodical, book, and directory publishers .....	29	D	D	D	f	D	D
51111	Newspaper publishers .....	15	35 339	16 613	3 605	524	35.6	52.7
511110	Newspaper publishers .....	15	35 339	16 613	3 605	524	35.6	52.7
5112	Software publishers .....	13	D	D	D	c	D	D
51121	Software publishers .....	13	D	D	D	c	D	D
511210	Software publishers .....	13	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	26	N	D	D	e	N	N
5121	Motion picture and video industries .....	20	N	D	D	e	N	N
51213	Motion picture and video exhibition .....	6	D	D	D	e	D	D
512131	Motion picture theaters (except drive-ins) .....	6	D	D	D	e	D	D
5122	Sound recording industries .....	6	N	D	D	b	N	N
517	Telecommunications .....	81	N	73 967	21 153	1 517	N	N
5171	Wired telecommunications carriers .....	31	Q	D	D	f	Q	Q
51711	Wired telecommunications carriers .....	31	Q	D	D	f	Q	Q
517110	Wired telecommunications carriers .....	31	Q	D	D	f	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	31	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	31	Q	D	D	c	Q	Q
5175	Cable and other program distribution .....	11	Q	D	D	f	Q	Q
51751	Cable and other program distribution .....	11	Q	D	D	f	Q	Q
517510	Cable and other program distribution .....	11	Q	D	D	f	Q	Q
518	Internet service providers, web search portals, and data processing services .....	56	D	D	D	g	D	D
5182	Data processing, hosting, and related services .....	51	D	D	D	f	D	D
51821	Data processing, hosting, and related services .....	51	D	D	D	f	D	D
518210	Data processing, hosting, and related services .....	51	D	D	D	f	D	D

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>MACOMB—Con.</b>							
<b>51</b>	<b>Information—Con.</b>							
519	Other information services .....	2	D	D	D	b	D	D
5191	Other information services .....	2	D	D	D	b	D	D
51912	Libraries and archives .....	2	D	D	D	b	D	D
519120	Libraries and archives .....	2	D	D	D	b	D	D
	<b>MANISTEE</b>							
<b>51</b>	<b>Information .....</b>	<b>7</b>	<b>N</b>	<b>2 862</b>	<b>700</b>	<b>74</b>	<b>N</b>	<b>N</b>
	<b>MARQUETTE</b>							
<b>51</b>	<b>Information .....</b>	<b>31</b>	<b>N</b>	<b>15 307</b>	<b>3 867</b>	<b>511</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	4	N	D	D	b	N	N
5121	Motion picture and video industries .....	4	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	b	D	D
517	Telecommunications .....	14	N	9 543	2 392	245	N	N
	<b>MASON</b>							
<b>51</b>	<b>Information .....</b>	<b>15</b>	<b>N</b>	<b>4 144</b>	<b>985</b>	<b>197</b>	<b>N</b>	<b>N</b>
	<b>MECOSTA</b>							
<b>51</b>	<b>Information .....</b>	<b>10</b>	<b>N</b>	<b>4 970</b>	<b>1 136</b>	<b>179</b>	<b>N</b>	<b>N</b>
	<b>MENOMINEE</b>							
<b>51</b>	<b>Information .....</b>	<b>5</b>	<b>N</b>	<b>2 285</b>	<b>598</b>	<b>63</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	3	N	D	D	b	N	N
	<b>MIDLAND</b>							
<b>51</b>	<b>Information .....</b>	<b>39</b>	<b>N</b>	<b>24 254</b>	<b>7 018</b>	<b>619</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N
5121	Motion picture and video industries .....	3	N	D	D	b	N	N
517	Telecommunications .....	10	N	3 396	893	64	N	N
518	Internet service providers, web search portals, and data processing services .....	18	D	D	D	e	D	D
5182	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
	<b>MISSAUKEE</b>							
<b>51</b>	<b>Information .....</b>	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
	<b>MONROE</b>							
<b>51</b>	<b>Information .....</b>	<b>33</b>	<b>N</b>	<b>12 569</b>	<b>3 244</b>	<b>452</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	6	13 720	5 155	1 348	195	—	5.3
5111	Newspaper, periodical, book, and directory publishers .....	5	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	4	N	D	D	b	N	N
5121	Motion picture and video industries .....	4	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	b	D	D
517	Telecommunications .....	16	N	5 170	1 378	127	N	N
	<b>MONTCALM</b>							
<b>51</b>	<b>Information .....</b>	<b>17</b>	<b>N</b>	<b>6 956</b>	<b>1 867</b>	<b>228</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	10	N	2 899	835	71	N	N
	<b>MONTMORENCY</b>							
<b>51</b>	<b>Information .....</b>	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>

See footnotes at end of table.

**Table 3. Summary Statistics for Counties: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas, see Appendix D. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>MUSKEGON</b>								
<b>51</b>	<b>Information .....</b>	<b>67</b>	<b>N</b>	<b>58 755</b>	<b>13 507</b>	<b>1 278</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	9	27 514	11 431	2 831	335	7.0	1.2
5111	Newspaper, periodical, book, and directory publishers .....	8	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	8	N	D	D	c	N	N
5121	Motion picture and video industries .....	8	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	5	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	4	D	D	D	c	D	D
517	Telecommunications .....	38	N	36 403	7 966	608	N	N
5171	Wired telecommunications carriers .....	23	Q	D	D	e	Q	Q
51711	Wired telecommunications carriers .....	23	Q	D	D	e	Q	Q
517110	Wired telecommunications carriers .....	23	Q	D	D	e	Q	Q
<b>NEWAYGO</b>								
<b>51</b>	<b>Information .....</b>	<b>14</b>	<b>N</b>	<b>2 051</b>	<b>516</b>	<b>137</b>	<b>N</b>	<b>N</b>
<b>OAKLAND</b>								
<b>51</b>	<b>Information .....</b>	<b>965</b>	<b>N</b>	<b>2 057 281</b>	<b>565 612</b>	<b>34 940</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	214	2 048 933	673 511	180 104	9 576	1.5	8.3
5111	Newspaper, periodical, book, and directory publishers .....	118	903 130	174 887	44 877	3 499	2.3	14.3
51111	Newspaper publishers .....	28	93 569	28 688	6 512	768	4.3	57.1
511110	Newspaper publishers .....	28	93 569	28 688	6 512	768	4.3	57.1
51112	Periodical publishers .....	52	183 962	41 842	10 371	975	8.0	24.9
511120	Periodical publishers .....	52	183 962	41 842	10 371	975	8.0	24.9
51113	Book publishers .....	21	D	D	D	g	D	D
511130	Book publishers .....	21	D	D	D	g	D	D
51114	Directory and mailing list publishers .....	11	D	D	D	e	D	D
511140	Directory and mailing list publishers .....	11	D	D	D	e	D	D
51119	Other publishers .....	6	D	D	D	c	D	D
511199	All other publishers .....	6	D	D	D	c	D	D
5112	Software publishers .....	96	1 145 803	498 624	135 227	6 077	.8	3.6
51121	Software publishers .....	96	1 145 803	498 624	135 227	6 077	.8	3.6
511210	Software publishers .....	96	1 145 803	498 624	135 227	6 077	.8	3.6
512	Motion picture and sound recording industries .....	150	N	D	D	g	N	N
5121	Motion picture and video industries .....	129	N	D	D	g	N	N
51211	Motion picture and video production .....	78	Q	D	D	e	Q	Q
512110	Motion picture and video production .....	78	Q	D	D	e	Q	Q
51213	Motion picture and video exhibition .....	19	D	D	D	f	D	D
512131	Motion picture theaters (except drive-ins) .....	19	D	D	D	f	D	D
51219	Postproduction and other motion picture and video industries .....	31	D	D	D	f	D	D
512191	Teleproduction and other postproduction services .....	27	D	D	D	f	D	D
5122	Sound recording industries .....	21	N	D	D	c	N	N
51224	Sound recording studios .....	8	D	D	D	b	D	D
512240	Sound recording studios .....	8	D	D	D	b	D	D
515	Broadcasting (except Internet) .....	50	483 979	125 513	30 244	1 791	.5	11.2
5151	Radio and television broadcasting .....	38	D	D	D	g	D	D
51511	Radio broadcasting .....	23	D	D	D	f	D	D
515111	Radio networks .....	4	D	D	D	c	D	D
515112	Radio stations .....	19	D	D	D	f	D	D
51512	Television broadcasting .....	15	D	D	D	f	D	D
515120	Television broadcasting .....	15	D	D	D	f	D	D
517	Telecommunications .....	345	N	547 177	151 158	9 824	N	N
5171	Wired telecommunications carriers .....	196	Q	408 793	114 263	6 642	Q	Q
51711	Wired telecommunications carriers .....	196	Q	408 793	114 263	6 642	Q	Q
517110	Wired telecommunications carriers .....	196	Q	408 793	114 263	6 642	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	69	Q	D	D	g	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	69	Q	D	D	g	Q	Q
517212	Cellular and other wireless telecommunications .....	60	Q	D	D	g	Q	Q
5173	Telecommunications resellers .....	26	D	D	D	e	D	D
51731	Telecommunications resellers .....	26	D	D	D	e	D	D
517310	Telecommunications resellers .....	26	D	D	D	e	D	D
5175	Cable and other program distribution .....	36	Q	D	D	g	Q	Q
51751	Cable and other program distribution .....	36	Q	D	D	g	Q	Q
517510	Cable and other program distribution .....	36	Q	D	D	g	Q	Q

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>OAKLAND—Con.</b>							
	<b>Information—Con.</b>							
51 518	Internet service providers, web search portals, and data processing services .....	187	1 830 904	637 038	187 275	11 504	.5	5.1
5181	Internet service providers and web search portals .....	16	D	D	D	b	D	D
51811	Internet service providers and web search portals .....	16	D	D	D	b	D	D
5182	Data processing, hosting, and related services .....	171	D	D	D	j	D	D
51821	Data processing, hosting, and related services .....	171	D	D	D	j	D	D
518210	Data processing, hosting, and related services .....	171	D	D	D	j	D	D
519	Other information services .....	9	D	D	D	e	D	D
5191	Other information services .....	9	D	D	D	e	D	D
51919	All other information services .....	1	D	D	D	e	D	D
519190	All other information services .....	1	D	D	D	e	D	D
	<b>OCEANA</b>							
51	Information .....	7	N	878	227	47	N	N
	<b>OGEMAW</b>							
51	Information .....	7	N	2 176	546	73	N	N
	<b>ONTONAGON</b>							
51	Information .....	5	N	848	184	32	N	N
	<b>OSCEOLA</b>							
51	Information .....	7	N	D	D	c	N	N
515	Broadcasting (except Internet) .....	1	D	D	D	c	D	D
5151	Radio and television broadcasting .....	1	D	D	D	c	D	D
	<b>OSCODA</b>							
51	Information .....	4	N	D	D	a	N	N
	<b>OTSEGO</b>							
51	Information .....	15	N	7 470	2 258	340	N	N
517	Telecommunications .....	7	N	4 239	1 220	152	N	N
5172	Wireless telecommunications carriers (except satellite) .....	4	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	4	Q	D	D	c	Q	Q
	<b>OTTAWA</b>							
51	Information .....	67	N	27 465	6 639	916	N	N
511	Publishing industries (except Internet) .....	21	44 169	12 231	2 710	451	.7	3.1
5111	Newspaper, periodical, book, and directory publishers .....	15	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	8	N	D	D	c	N	N
5121	Motion picture and video industries .....	5	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	b	D	D
517	Telecommunications .....	20	N	D	D	c	N	N
	<b>PRESQUE ISLE</b>							
51	Information .....	7	N	849	213	43	N	N
	<b>ROSCOMMON</b>							
51	Information .....	13	N	1 828	476	70	N	N

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>SAGINAW</b>								
<b>51</b>	<b>Information</b> .....	<b>76</b>	<b>N</b>	<b>132 534</b>	<b>34 111</b>	<b>2 833</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	10	37 983	10 655	2 670	309	—	.3
5111	Newspaper, periodical, book, and directory publishers .....	9	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	8	N	D	D	c	N	N
5121	Motion picture and video industries .....	8	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	4	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	4	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	5	32 290	11 374	2 575	251	1.5	11.1
5151	Radio and television broadcasting .....	5	32 290	11 374	2 575	251	1.5	11.1
51511	Radio broadcasting .....	3	D	D	D	c	D	D
515112	Radio stations .....	3	D	D	D	c	D	D
517	Telecommunications .....	34	N	89 169	23 444	1 721	N	N
5171	Wired telecommunications carriers .....	19	Q	D	D	g	Q	Q
51711	Wired telecommunications carriers .....	19	Q	D	D	g	Q	Q
517110	Wired telecommunications carriers .....	19	Q	D	D	g	Q	Q
518	Internet service providers, web search portals, and data processing services .....	15	56 443	19 457	4 970	375	.8	—
5182	Data processing, hosting, and related services .....	14	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	14	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	14	D	D	D	e	D	D
<b>ST. CLAIR</b>								
<b>51</b>	<b>Information</b> .....	<b>36</b>	<b>N</b>	<b>51 799</b>	<b>11 713</b>	<b>1 164</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	6	D	D	D	e	D	D
5111	Newspaper, periodical, book, and directory publishers .....	4	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	7	N	D	D	b	N	N
5121	Motion picture and video industries .....	7	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	b	D	D
517	Telecommunications .....	14	N	D	D	f	N	N
5171	Wired telecommunications carriers .....	14	Q	D	D	f	Q	Q
51711	Wired telecommunications carriers .....	14	Q	D	D	f	Q	Q
517110	Wired telecommunications carriers .....	14	Q	D	D	f	Q	Q
<b>ST. JOSEPH</b>								
<b>51</b>	<b>Information</b> .....	<b>31</b>	<b>N</b>	<b>7 348</b>	<b>1 839</b>	<b>286</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	16	N	4 322	1 123	148	N	N
<b>SANILAC</b>								
<b>51</b>	<b>Information</b> .....	<b>16</b>	<b>N</b>	<b>2 109</b>	<b>507</b>	<b>77</b>	<b>N</b>	<b>N</b>
<b>SCHOOLCRAFT</b>								
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>200</b>	<b>49</b>	<b>18</b>	<b>N</b>	<b>N</b>
<b>SHIAWASSEE</b>								
<b>51</b>	<b>Information</b> .....	<b>15</b>	<b>N</b>	<b>5 344</b>	<b>1 143</b>	<b>212</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	4	N	D	D	b	N	N
5121	Motion picture and video industries .....	4	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
517	Telecommunications .....	7	N	D	D	b	N	N
<b>TUSCOLA</b>								
<b>51</b>	<b>Information</b> .....	<b>16</b>	<b>N</b>	<b>3 551</b>	<b>945</b>	<b>163</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	8	N	D	D	b	N	N
<b>VAN BUREN</b>								
<b>51</b>	<b>Information</b> .....	<b>19</b>	<b>N</b>	<b>4 327</b>	<b>986</b>	<b>132</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	13	N	3 408	756	93	N	N

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>WASHTENAW</b>								
<b>51</b>	<b>Information</b>	<b>188</b>	<b>N</b>	<b>324 448</b>	<b>85 559</b>	<b>6 234</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet)	78	565 671	183 563	48 905	3 524	1.5	9.9
5111	Newspaper, periodical, book, and directory publishers	40	355 198	97 453	23 718	2 157	.9	6.3
51111	Newspaper publishers	6	D	D	D	f	D	D
511110	Newspaper publishers	6	D	D	D	f	D	D
51114	Directory and mailing list publishers	7	D	D	D	g	D	D
511140	Directory and mailing list publishers	7	D	D	D	g	D	D
5112	Software publishers	38	210 473	86 110	25 187	1 367	2.7	16.0
51121	Software publishers	38	210 473	86 110	25 187	1 367	2.7	16.0
511210	Software publishers	38	210 473	86 110	25 187	1 367	2.7	16.0
512	Motion picture and sound recording industries	27	N	D	D	c	N	N
5121	Motion picture and video industries	22	N	D	D	c	N	N
51213	Motion picture and video exhibition	6	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins)	6	D	D	D	c	D	D
516	Internet publishing and broadcasting	4	D	D	D	c	D	D
5161	Internet publishing and broadcasting	4	D	D	D	c	D	D
51611	Internet publishing and broadcasting	4	D	D	D	c	D	D
516110	Internet publishing and broadcasting	4	D	D	D	c	D	D
517	Telecommunications	43	N	56 799	15 192	1 116	N	N
5171	Wired telecommunications carriers	25	Q	38 625	10 652	700	Q	Q
51711	Wired telecommunications carriers	25	Q	38 625	10 652	700	Q	Q
517110	Wired telecommunications carriers	25	Q	38 625	10 652	700	Q	Q
5172	Wireless telecommunications carriers (except satellite)	9	Q	D	D	b	Q	Q
51721	Wireless telecommunications carriers (except satellite)	9	Q	D	D	b	Q	Q
5175	Cable and other program distribution	7	Q	D	D	e	Q	Q
51751	Cable and other program distribution	7	Q	D	D	e	Q	Q
517510	Cable and other program distribution	7	Q	D	D	e	Q	Q
518	Internet service providers, web search portals, and data processing services	27	D	D	D	e	D	D
5182	Data processing, hosting, and related services	16	D	D	D	e	D	D
51821	Data processing, hosting, and related services	16	D	D	D	e	D	D
518210	Data processing, hosting, and related services	16	D	D	D	e	D	D
519	Other information services	3	D	D	D	f	D	D
5191	Other information services	3	D	D	D	f	D	D
51912	Libraries and archives	2	D	D	D	b	D	D
519120	Libraries and archives	2	D	D	D	b	D	D
51919	All other information services	1	D	D	D	f	D	D
519190	All other information services	1	D	D	D	f	D	D
<b>WAYNE</b>								
<b>51</b>	<b>Information</b>	<b>483</b>	<b>N</b>	<b>725 733</b>	<b>196 221</b>	<b>15 353</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet)	82	894 231	224 131	56 654	5 225	.4	33.9
5111	Newspaper, periodical, book, and directory publishers	64	845 976	205 085	52 084	4 879	.3	34.0
51111	Newspaper publishers	25	618 543	155 973	39 197	3 853	.1	22.2
511110	Newspaper publishers	25	618 543	155 973	39 197	3 853	.1	22.2
51112	Periodical publishers	19	D	D	D	e	D	D
511120	Periodical publishers	19	D	D	D	e	D	D
51114	Directory and mailing list publishers	5	D	D	D	e	D	D
511140	Directory and mailing list publishers	5	D	D	D	e	D	D
51119	Other publishers	5	D	D	D	b	D	D
5112	Software publishers	18	48 255	19 046	4 570	346	.9	31.2
51121	Software publishers	18	48 255	19 046	4 570	346	.9	31.2
511210	Software publishers	18	48 255	19 046	4 570	346	.9	31.2
512	Motion picture and sound recording industries	54	N	D	D	f	N	N
5121	Motion picture and video industries	47	N	D	D	f	N	N
51213	Motion picture and video exhibition	19	D	D	D	f	D	D
512131	Motion picture theaters (except drive-ins)	17	D	D	D	f	D	D
512132	Drive-in motion picture theaters	2	D	D	D	b	D	D
515	Broadcasting (except Internet)	19	204 848	47 944	11 665	912	1.2	4.2
5151	Radio and television broadcasting	19	204 848	47 944	11 665	912	1.2	4.2
51511	Radio broadcasting	15	63 348	22 361	5 371	463	3.8	6.4
515112	Radio stations	14	D	D	D	e	D	D
51512	Television broadcasting	4	141 500	25 583	6 294	449	—	3.3
515120	Television broadcasting	4	141 500	25 583	6 294	449	—	3.3
516	Internet publishing and broadcasting	5	D	D	D	c	D	D
5161	Internet publishing and broadcasting	5	D	D	D	c	D	D
51611	Internet publishing and broadcasting	5	D	D	D	c	D	D
516110	Internet publishing and broadcasting	5	D	D	D	c	D	D

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**Table 3. Summary Statistics for Counties: 2002—Con.**

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NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>WAYNE—Con.</b>							
<b>51</b>	<b>Information—Con.</b>							
517	Telecommunications .....	233	N	346 332	97 012	6 196	N	N
5171	Wired telecommunications carriers .....	121	Q	D	D	h	Q	Q
51711	Wired telecommunications carriers .....	121	Q	D	D	h	Q	Q
517110	Wired telecommunications carriers .....	121	Q	D	D	h	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	64	Q	24 669	6 491	480	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	64	Q	24 669	6 491	480	Q	Q
517212	Cellular and other wireless telecommunications .....	46	Q	D	D	e	Q	Q
5173	Telecommunications resellers .....	11	D	D	D	e	D	D
51731	Telecommunications resellers .....	11	D	D	D	e	D	D
517310	Telecommunications resellers .....	11	D	D	D	e	D	D
5175	Cable and other program distribution .....	28	Q	27 232	8 072	719	Q	Q
51751	Cable and other program distribution .....	28	Q	27 232	8 072	719	Q	Q
517510	Cable and other program distribution .....	28	Q	27 232	8 072	719	Q	Q
518	Internet service providers, web search portals, and data processing services .....	83	193 855	89 250	26 331	2 046	3.0	1.2
5181	Internet service providers and web search portals .....	9	D	D	D	e	D	D
51811	Internet service providers and web search portals .....	9	D	D	D	e	D	D
518111	Internet service providers .....	7	D	D	D	c	D	D
5182	Data processing, hosting, and related services .....	74	D	D	D	g	D	D
51821	Data processing, hosting, and related services .....	74	D	D	D	g	D	D
518210	Data processing, hosting, and related services .....	74	D	D	D	g	D	D
519	Other information services .....	7	D	D	D	b	D	D
5191	Other information services .....	7	D	D	D	b	D	D
	<b>WEXFORD</b>							
<b>51</b>	<b>Information .....</b>	<b>15</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	10	N	3 440	848	60	N	N

<sup>1</sup>Includes receipts information obtained from administrative records of other federal agencies.

<sup>2</sup>Includes receipts information that was imputed based on historic data, administrative data, industry averages, or other statistical methods.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

**Table 4. Summary Statistics for Places: 2002**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas, see Appendix D. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>51</b>	<b>ADRIAN</b>							
	<b>Information</b> .....	<b>13</b>	<b>N</b>	<b>6 989</b>	<b>1 404</b>	<b>236</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	7	N	D	D	b	N	N
<b>51</b>	<b>ALBION</b>							
	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>476</b>	<b>125</b>	<b>25</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>ALGONAC</b>							
	<b>Information</b> .....	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>ALLEGAN</b>							
	<b>Information</b> .....	<b>5</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>ALLENDALE</b>							
	<b>Information</b> .....	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>ALLEN PARK</b>							
	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>1 334</b>	<b>1 004</b>	<b>80</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>ALMA</b>							
	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>ALPENA</b>							
	<b>Information</b> .....	<b>11</b>	<b>N</b>	<b>4 349</b>	<b>1 042</b>	<b>174</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	6	N	D	D	b	N	N
<b>51</b>	<b>ALPINE</b>							
	<b>Information</b> .....	<b>6</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	6	N	D	D	c	N	N
<b>51</b>	<b>ANN ARBOR</b>							
	<b>Information</b> .....	<b>98</b>	<b>N</b>	<b>154 398</b>	<b>41 362</b>	<b>2 821</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	39	164 366	61 857	16 722	1 189	1.3	25.6
5111	Newspaper, periodical, book, and directory publishers .....	21	70 482	27 154	6 501	690	2.2	17.0
51111	Newspaper publishers .....	1	D	D	D	e	D	D
511110	Newspaper publishers .....	1	D	D	D	e	D	D
5112	Software publishers .....	18	93 884	34 703	10 221	499	.6	32.0
51121	Software publishers .....	18	93 884	34 703	10 221	499	.6	32.0
511210	Software publishers .....	18	93 884	34 703	10 221	499	.6	32.0
512	Motion picture and sound recording industries .....	17	N	D	D	b	N	N
5121	Motion picture and video industries .....	13	N	D	D	b	N	N
517	Telecommunications .....	21	N	34 719	9 885	635	N	N
5171	Wired telecommunications carriers .....	11	Q	D	D	e	Q	Q
51711	Wired telecommunications carriers .....	11	Q	D	D	e	Q	Q
517110	Wired telecommunications carriers .....	11	Q	D	D	e	Q	Q
5175	Cable and other program distribution .....	4	Q	D	D	c	Q	Q
51751	Cable and other program distribution .....	4	Q	D	D	c	Q	Q
517510	Cable and other program distribution .....	4	Q	D	D	c	Q	Q
519	Other information services .....	2	D	D	D	f	D	D
5191	Other information services .....	2	D	D	D	f	D	D
51912	Libraries and archives .....	1	D	D	D	b	D	D
519120	Libraries and archives .....	1	D	D	D	b	D	D
51919	All other information services .....	1	D	D	D	f	D	D
519190	All other information services .....	1	D	D	D	f	D	D
<b>51</b>	<b>AUBURN HILLS</b>							
	<b>Information</b> .....	<b>28</b>	<b>N</b>	<b>116 876</b>	<b>31 831</b>	<b>2 006</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	4	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	1	N	D	D	c	N	N
5121	Motion picture and video industries .....	1	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	1	D	D	D	c	D	D
517	Telecommunications .....	12	N	8 081	1 949	164	N	N
518	Internet service providers, web search portals, and data processing services .....	10	D	D	D	g	D	D
5182	Data processing, hosting, and related services .....	10	D	D	D	g	D	D
51821	Data processing, hosting, and related services .....	10	D	D	D	g	D	D
518210	Data processing, hosting, and related services .....	10	D	D	D	g	D	D

See footnotes at end of table.

**Table 4. Summary Statistics for Places: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas, see Appendix D. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>51</b>	<b>BAD AXE</b>							
	Information .....	<b>3</b>	<b>N</b>	<b>1 583</b>	<b>404</b>	<b>65</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>BANGOR</b>							
	Information .....	<b>6</b>	<b>N</b>	<b>1 897</b>	<b>474</b>	<b>125</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>BATTLE CREEK</b>							
	Information .....	<b>22</b>	<b>N</b>	<b>14 529</b>	<b>3 520</b>	<b>488</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	3	D	D	D	c	D	D
5111	Newspaper, periodical, book, and directory publishers .....	2	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N
5121	Motion picture and video industries .....	3	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	b	D	D
515	Broadcasting (except Internet) .....	8	D	D	D	c	D	D
5151	Radio and television broadcasting .....	7	D	D	D	c	D	D
519	Other information services .....	1	D	D	D	b	D	D
5191	Other information services .....	1	D	D	D	b	D	D
51912	Libraries and archives .....	1	D	D	D	b	D	D
519120	Libraries and archives .....	1	D	D	D	b	D	D
<b>51</b>	<b>BAY CITY</b>							
	Information .....	<b>10</b>	<b>N</b>	<b>10 574</b>	<b>2 595</b>	<b>295</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	4	D	D	D	c	D	D
5111	Newspaper, periodical, book, and directory publishers .....	4	D	D	D	c	D	D
<b>51</b>	<b>BEDFORD</b>							
	Information .....	<b>5</b>	<b>N</b>	<b>881</b>	<b>173</b>	<b>24</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>BELDING</b>							
	Information .....	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>BELLEVILLE</b>							
	Information .....	<b>3</b>	<b>N</b>	<b>278</b>	<b>57</b>	<b>11</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>BENTON</b>							
	Information .....	<b>8</b>	<b>N</b>	<b>7 282</b>	<b>1 753</b>	<b>207</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	1	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
517	Telecommunications .....	3	N	D	D	b	N	N
<b>51</b>	<b>BENTON HARBOR</b>							
	Information .....	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>BERKLEY</b>							
	Information .....	<b>5</b>	<b>N</b>	<b>758</b>	<b>185</b>	<b>25</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>BEVERLY HILLS</b>							
	Information .....	<b>5</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	3	N	D	D	a	N	N
5121	Motion picture and video industries .....	3	N	D	D	a	N	N
51211	Motion picture and video production .....	2	Q	D	D	a	Q	Q
512110	Motion picture and video production .....	2	Q	D	D	a	Q	Q
<b>51</b>	<b>BIG RAPIDS</b>							
	Information .....	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
<b>51</b>	<b>BIRMINGHAM</b>							
	Information .....	<b>29</b>	<b>N</b>	<b>16 189</b>	<b>4 016</b>	<b>507</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	8	N	2 508	603	188	N	N
5121	Motion picture and video industries .....	7	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	1	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	2	D	D	D	a	D	D
517	Telecommunications .....	8	N	5 983	1 509	118	N	N

See footnotes at end of table.

**Table 4. Summary Statistics for Places: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas, see Appendix D. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>BLACKMAN</b>							
51	Information .....	4	N	6 100	1 735	116	N	N
517	Telecommunications .....	3	N	D	D	b	N	N
	<b>BLISSFIELD</b>							
51	Information .....	1	N	D	D	a	N	N
	<b>BLOOMFIELD</b>							
51	Information .....	17	N	1 834	498	99	N	N
512	Motion picture and sound recording industries .....	10	N	1 074	256	73	N	N
5121	Motion picture and video industries .....	9	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	b	D	D
	<b>BLOOMFIELD HILLS</b>							
51	Information .....	12	N	6 746	2 277	80	N	N
511	Publishing industries (except Internet) .....	7	31 682	4 553	1 665	48	—	2.1
5111	Newspaper, periodical, book, and directory publishers .....	6	D	D	D	b	D	D
515	Broadcasting (except Internet) .....	1	D	D	D	a	D	D
	<b>BOYNE CITY</b>							
51	Information .....	3	N	883	221	27	N	N
	<b>BRANDON</b>							
51	Information .....	6	N	D	D	b	N	N
	<b>BRIDGEPORT</b>							
51	Information .....	6	N	734	204	36	N	N
	<b>BRIGHTON CITY</b>							
51	Information .....	7	N	D	D	b	N	N
	<b>BRIGHTON TOWNSHIP</b>							
51	Information .....	7	N	1 475	395	45	N	N
	<b>BROWNSTOWN</b>							
51	Information .....	1	N	D	D	a	N	N
	<b>BUCHANAN</b>							
51	Information .....	3	N	D	D	a	N	N
	<b>BURTON</b>							
51	Information .....	11	N	4 315	764	144	N	N
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
	<b>BYRON</b>							
51	Information .....	5	N	669	96	13	N	N
	<b>CADILLAC</b>							
51	Information .....	10	N	4 455	1 096	115	N	N
	<b>CANNON</b>							
51	Information .....	1	N	D	D	a	N	N
	<b>CANTON</b>							
51	Information .....	15	N	3 696	932	94	N	N
512	Motion picture and sound recording industries .....	1	N	D	D	b	N	N
5121	Motion picture and video industries .....	1	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
	<b>CARO</b>							
51	Information .....	3	N	D	D	b	N	N

See footnotes at end of table.

**Table 4. Summary Statistics for Places: 2002—Con.**

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>CASCADE</b>								
<b>51</b>	<b>Information .....</b>	<b>28</b>	<b>N</b>	<b>43 131</b>	<b>9 909</b>	<b>811</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	10	240 362	21 220	4 710	450	.3	.1
5111	Newspaper, periodical, book, and directory publishers .....	5	D	D	D	e	D	D
51113	Book publishers .....	3	D	D	D	e	D	D
511130	Book publishers .....	3	D	D	D	e	D	D
51114	Directory and mailing list publishers .....	1	D	D	D	b	D	D
511140	Directory and mailing list publishers .....	1	D	D	D	b	D	D
512	Motion picture and sound recording industries .....	6	N	D	D	b	N	N
5121	Motion picture and video industries .....	6	N	D	D	b	N	N
517	Telecommunications .....	10	N	D	D	c	N	N
5172	Wireless telecommunications carriers (except satellite) .....	3	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	3	Q	D	D	c	Q	Q
517212	Cellular and other wireless telecommunications .....	2	Q	D	D	c	Q	Q
<b>CASS CITY</b>								
<b>51</b>	<b>Information .....</b>	<b>3</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>CEDAR SPRINGS</b>								
<b>51</b>	<b>Information .....</b>	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>CENTER LINE</b>								
<b>51</b>	<b>Information .....</b>	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>CHARLEVOIX</b>								
<b>51</b>	<b>Information .....</b>	<b>6</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>CHARLOTTE</b>								
<b>51</b>	<b>Information .....</b>	<b>8</b>	<b>N</b>	<b>4 208</b>	<b>1 095</b>	<b>143</b>	<b>N</b>	<b>N</b>
<b>CHEBOYGAN</b>								
<b>51</b>	<b>Information .....</b>	<b>6</b>	<b>N</b>	<b>1 551</b>	<b>365</b>	<b>85</b>	<b>N</b>	<b>N</b>
<b>CHELSEA</b>								
<b>51</b>	<b>Information .....</b>	<b>3</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>CHESANING</b>								
<b>51</b>	<b>Information .....</b>	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	1	N	D	D	b	N	N
<b>CHESTERFIELD</b>								
<b>51</b>	<b>Information .....</b>	<b>8</b>	<b>N</b>	<b>1 539</b>	<b>428</b>	<b>50</b>	<b>N</b>	<b>N</b>
<b>CLARE</b>								
<b>51</b>	<b>Information .....</b>	<b>7</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>CLARE (PART - CLARE COUNTY)</b>								
<b>51</b>	<b>Information .....</b>	<b>7</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>CLAWSON</b>								
<b>51</b>	<b>Information .....</b>	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	2	N	D	D	c	N	N
<b>CLINTON</b>								
<b>51</b>	<b>Information .....</b>	<b>22</b>	<b>N</b>	<b>7 615</b>	<b>1 922</b>	<b>223</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
512131	Motion picture theaters (except drive-ins) .....	1	D	D	D	b	D	D
517	Telecommunications .....	11	N	1 713	582	48	N	N
519	Other information services .....	1	D	D	D	a	D	D
5191	Other information services .....	1	D	D	D	a	D	D
51912	Libraries and archives .....	1	D	D	D	a	D	D
519120	Libraries and archives .....	1	D	D	D	a	D	D
<b>COLDWATER</b>								
<b>51</b>	<b>Information .....</b>	<b>8</b>	<b>N</b>	<b>2 974</b>	<b>529</b>	<b>75</b>	<b>N</b>	<b>N</b>
<b>COMMERCE (BALANCE)</b>								
<b>51</b>	<b>Information .....</b>	<b>11</b>	<b>N</b>	<b>6 710</b>	<b>1 947</b>	<b>138</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	8	N	D	D	c	N	N

See footnotes at end of table.

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>51</b>	<b>COMSTOCK</b>							
	Information .....	6	N	2 962	680	75	N	N
<b>51</b>	<b>COOPERSVILLE</b>							
	Information .....	3	N	137	35	6	N	N
<b>51</b>	<b>CORUNNA</b>							
	Information .....	1	N	D	D	a	N	N
<b>51</b>	<b>DAVISON CITY</b>							
	Information .....	4	N	1 044	251	31	N	N
<b>51</b>	<b>DAVISON TOWNSHIP</b>							
	Information .....	2	N	D	D	b	N	N
517	Telecommunications .....	2	N	D	D	b	N	N
<b>51</b>	<b>DEARBORN</b>							
	Information .....	48	N	26 074	6 667	617	N	N
512	Motion picture and sound recording industries .....	9	N	D	D	c	N	N
5121	Motion picture and video industries .....	8	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	4	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	2	D	D	D	b	D	D
512132	Drive-in motion picture theaters .....	2	D	D	D	b	D	D
517	Telecommunications .....	27	N	22 313	5 752	424	N	N
5171	Wired telecommunications carriers .....	14	Q	D	D	e	Q	Q
51711	Wired telecommunications carriers .....	14	Q	D	D	e	Q	Q
517110	Wired telecommunications carriers .....	14	Q	D	D	e	Q	Q
<b>51</b>	<b>DEARBORN HEIGHTS</b>							
	Information .....	9	N	1 056	254	50	N	N
<b>51</b>	<b>DELHI</b>							
	Information .....	10	N	7 770	1 748	233	N	N
515	Broadcasting (except Internet) .....	3	D	D	D	c	D	D
5151	Radio and television broadcasting .....	3	D	D	D	c	D	D
51511	Radio broadcasting .....	3	D	D	D	c	D	D
515112	Radio stations .....	1	D	D	D	c	D	D
<b>51</b>	<b>DELTA</b>							
	Information .....	9	N	4 412	1 364	178	N	N
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
<b>51</b>	<b>DETROIT</b>							
	Information .....	148	N	381 134	102 692	7 735	N	N
511	Publishing industries (except Internet) .....	25	673 469	160 872	40 471	3 602	.1	32.9
5111	Newspaper, periodical, book, and directory publishers .....	24	D	D	D	h	D	D
51111	Newspaper publishers .....	9	D	D	D	h	D	D
511110	Newspaper publishers .....	9	D	D	D	h	D	D
51112	Periodical publishers .....	10	D	D	D	e	D	D
511120	Periodical publishers .....	10	D	D	D	e	D	D
51119	Other publishers .....	1	D	D	D	b	D	D
512	Motion picture and sound recording industries .....	11	N	D	D	b	N	N
5121	Motion picture and video industries .....	7	N	D	D	b	N	N
515	Broadcasting (except Internet) .....	12	201 973	47 167	11 489	870	1.1	4.0
5151	Radio and television broadcasting .....	12	201 973	47 167	11 489	870	1.1	4.0
51511	Radio broadcasting .....	8	60 473	21 584	5 195	421	3.8	5.6
515112	Radio stations .....	8	60 473	21 584	5 195	421	3.8	5.6
51512	Television broadcasting .....	4	141 500	25 583	6 294	449	—	3.3
515120	Television broadcasting .....	4	141 500	25 583	6 294	449	—	3.3
517	Telecommunications .....	77	N	D	D	h	N	N
5171	Wired telecommunications carriers .....	45	Q	D	D	h	Q	Q
51711	Wired telecommunications carriers .....	45	Q	D	D	h	Q	Q
517110	Wired telecommunications carriers .....	45	Q	D	D	h	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	21	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	21	Q	D	D	c	Q	Q
517212	Cellular and other wireless telecommunications .....	13	Q	D	D	c	Q	Q

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>DETROIT—Con.</b>							
<b>51</b>	<b>Information—Con.</b>							
518	Internet service providers, web search portals, and data processing services .....	17	D	D	D	e	D	D
5182	Data processing, hosting, and related services .....	15	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	15	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	15	D	D	D	e	D	D
519	Other information services .....	4	D	D	D	b	D	D
5191	Other information services .....	4	D	D	D	b	D	D
	<b>DE WITT CITY</b>							
51	Information .....	1	N	D	D	a	N	N
	<b>DE WITT TOWNSHIP</b>							
51	Information .....	2	N	D	D	b	N	N
	<b>DOWAGIAC</b>							
51	Information .....	3	N	D	D	a	N	N
	<b>DUNDEE</b>							
51	Information .....	3	N	400	111	16	N	N
	<b>EAST GRAND RAPIDS</b>							
51	Information .....	2	N	D	D	b	N	N
	<b>EAST JORDAN</b>							
51	Information .....	1	N	D	D	a	N	N
	<b>EAST LANSING</b>							
51	Information .....	20	N	7 932	2 179	223	N	N
511	Publishing industries (except Internet) .....	6	D	D	D	b	D	D
5111	Newspaper, periodical, book, and directory publishers .....	4	D	D	D	b	D	D
517	Telecommunications .....	8	N	5 003	1 553	136	N	N
	<b>EAST LANSING (PART - INGHAM COUNTY)</b>							
51	Information .....	20	N	7 932	2 179	223	N	N
511	Publishing industries (except Internet) .....	6	D	D	D	b	D	D
5111	Newspaper, periodical, book, and directory publishers .....	4	D	D	D	b	D	D
517	Telecommunications .....	8	N	5 003	1 553	136	N	N
	<b>EASTPOINTE</b>							
51	Information .....	8	N	D	D	c	N	N
517	Telecommunications .....	3	N	D	D	c	N	N
	<b>EAST TAWAS</b>							
51	Information .....	3	N	D	D	a	N	N
	<b>EATON RAPIDS</b>							
51	Information .....	4	N	D	D	b	N	N
	<b>ECORSE</b>							
51	Information .....	1	N	D	D	b	N	N
	<b>EMMETT</b>							
51	Information .....	1	N	D	D	b	N	N
	<b>ESCANABA</b>							
51	Information .....	16	N	D	D	e	N	N
515	Broadcasting (except Internet) .....	3	D	D	D	b	D	D
5151	Radio and television broadcasting .....	3	D	D	D	b	D	D
51511	Radio broadcasting .....	3	D	D	D	b	D	D
515112	Radio stations .....	2	D	D	D	b	D	D
517	Telecommunications .....	9	N	D	D	b	N	N
	<b>ESSEXVILLE</b>							
51	Information .....	1	N	D	D	a	N	N

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>FARMINGTON</b>								
<b>51</b>	<b>Information .....</b>	<b>8</b>	<b>N</b>	<b>1 387</b>	<b>294</b>	<b>27</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	5	N	D	D	a	N	N
5121	Motion picture and video industries .....	4	N	D	D	a	N	N
<b>FARMINGTON HILLS</b>								
<b>51</b>	<b>Information .....</b>	<b>89</b>	<b>N</b>	<b>480 364</b>	<b>131 615</b>	<b>7 296</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	29	839 744	396 998	109 907	5 378	1.0	—
5111	Newspaper, periodical, book, and directory publishers .....	14	D	D	D	g	D	D
51113	Book publishers .....	2	D	D	D	f	D	D
511130	Book publishers .....	2	D	D	D	f	D	D
5112	Software publishers .....	15	D	D	D	h	D	D
51121	Software publishers .....	15	D	D	D	h	D	D
511210	Software publishers .....	15	D	D	D	h	D	D
512	Motion picture and sound recording industries .....	15	N	13 840	3 671	302	N	N
5121	Motion picture and video industries .....	14	N	D	D	e	N	N
51219	Postproduction and other motion picture and video industries .....	7	21 533	12 290	3 321	211	2.6	.2
512191	Teleproduction and other postproduction services .....	7	21 533	12 290	3 321	211	2.6	.2
515	Broadcasting (except Internet) .....	7	D	D	D	e	D	D
5151	Radio and television broadcasting .....	7	D	D	D	e	D	D
51511	Radio broadcasting .....	7	D	D	D	e	D	D
515112	Radio stations .....	7	D	D	D	e	D	D
517	Telecommunications .....	25	N	39 658	10 609	749	N	N
5171	Wired telecommunications carriers .....	13	Q	D	D	e	Q	Q
51711	Wired telecommunications carriers .....	13	Q	D	D	e	Q	Q
517110	Wired telecommunications carriers .....	13	Q	D	D	e	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	10	Q	26 447	6 365	356	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	10	Q	26 447	6 365	356	Q	Q
517212	Cellular and other wireless telecommunications .....	10	Q	26 447	6 365	356	Q	Q
518	Internet service providers, web search portals, and data processing services .....	11	28 178	9 577	2 871	307	7.2	21.6
5182	Data processing, hosting, and related services .....	11	28 178	9 577	2 871	307	7.2	21.6
51821	Data processing, hosting, and related services .....	11	28 178	9 577	2 871	307	7.2	21.6
518210	Data processing, hosting, and related services .....	11	28 178	9 577	2 871	307	7.2	21.6
519	Other information services .....	1	D	D	D	e	D	D
5191	Other information services .....	1	D	D	D	e	D	D
51919	All other information services .....	1	D	D	D	e	D	D
519190	All other information services .....	1	D	D	D	e	D	D
<b>FENTON CITY</b>								
<b>51</b>	<b>Information .....</b>	<b>10</b>	<b>N</b>	<b>3 631</b>	<b>996</b>	<b>103</b>	<b>N</b>	<b>N</b>
<b>FENTON CITY (PART - GENESEE COUNTY)</b>								
<b>51</b>	<b>Information .....</b>	<b>10</b>	<b>N</b>	<b>3 631</b>	<b>996</b>	<b>103</b>	<b>N</b>	<b>N</b>
<b>FENTON TOWNSHIP</b>								
<b>51</b>	<b>Information .....</b>	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>FERNDALE</b>								
<b>51</b>	<b>Information .....</b>	<b>13</b>	<b>N</b>	<b>10 473</b>	<b>2 422</b>	<b>166</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	5	N	D	D	a	N	N
5122	Sound recording industries .....	2	N	D	D	a	N	N
515	Broadcasting (except Internet) .....	1	D	D	D	b	D	D
5151	Radio and television broadcasting .....	1	D	D	D	b	D	D
51511	Radio broadcasting .....	1	D	D	D	b	D	D
515112	Radio stations .....	1	D	D	D	b	D	D
<b>FLAT ROCK</b>								
<b>51</b>	<b>Information .....</b>	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>

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							From administrative records <sup>1</sup>	Estimated <sup>2</sup>
<b>FLINT CITY</b>								
<b>51</b>	<b>Information .....</b>	<b>64</b>	<b>N</b>	<b>134 940</b>	<b>37 238</b>	<b>2 899</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	3	D	D	D	e	D	D
5111	Newspaper, periodical, book, and directory publishers .....	3	D	D	D	e	D	D
51111	Newspaper publishers .....	1	D	D	D	e	D	D
511110	Newspaper publishers .....	1	D	D	D	e	D	D
515	Broadcasting (except Internet) .....	5	D	D	D	c	D	D
5151	Radio and television broadcasting .....	4	D	D	D	c	D	D
517	Telecommunications .....	29	N	29 934	8 492	582	N	N
5171	Wired telecommunications carriers .....	19	Q	D	D	e	Q	Q
51711	Wired telecommunications carriers .....	19	Q	D	D	e	Q	Q
517110	Wired telecommunications carriers .....	19	Q	D	D	e	Q	Q
518	Internet service providers, web search portals, and data processing services .....	22	D	D	D	g	D	D
5182	Data processing, hosting, and related services .....	21	D	D	D	g	D	D
51821	Data processing, hosting, and related services .....	21	D	D	D	g	D	D
518210	Data processing, hosting, and related services .....	21	D	D	D	g	D	D
<b>FLINT TOWNSHIP</b>								
<b>51</b>	<b>Information .....</b>	<b>17</b>	<b>N</b>	<b>6 154</b>	<b>1 516</b>	<b>207</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	1	N	D	D	b	N	N
5121	Motion picture and video industries .....	1	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
517	Telecommunications .....	7	N	1 611	446	42	N	N
<b>FLUSHING TOWNSHIP</b>								
<b>51</b>	<b>Information .....</b>	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>FORT GRATIOT</b>								
<b>51</b>	<b>Information .....</b>	<b>3</b>	<b>N</b>	<b>354</b>	<b>88</b>	<b>33</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	1	N	D	D	b	N	N
5121	Motion picture and video industries .....	1	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
<b>FOWLerville</b>								
<b>51</b>	<b>Information .....</b>	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>FRANKENMUTH</b>								
<b>51</b>	<b>Information .....</b>	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>FRASER</b>								
<b>51</b>	<b>Information .....</b>	<b>4</b>	<b>N</b>	<b>711</b>	<b>152</b>	<b>23</b>	<b>N</b>	<b>N</b>
<b>FREMONT</b>								
<b>51</b>	<b>Information .....</b>	<b>8</b>	<b>N</b>	<b>1 194</b>	<b>282</b>	<b>105</b>	<b>N</b>	<b>N</b>
<b>FRENCHTOWN</b>								
<b>51</b>	<b>Information .....</b>	<b>5</b>	<b>N</b>	<b>1 700</b>	<b>398</b>	<b>81</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N
5121	Motion picture and video industries .....	3	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	b	D	D
<b>FRUITPORT</b>								
<b>51</b>	<b>Information .....</b>	<b>5</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>GAINES</b>								
<b>51</b>	<b>Information .....</b>	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>GARDEN CITY</b>								
<b>51</b>	<b>Information .....</b>	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>

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NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>GARFIELD</b>								
<b>51</b>	<b>Information</b> .....	<b>20</b>	<b>N</b>	<b>7 377</b>	<b>1 841</b>	<b>283</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N
5121	Motion picture and video industries .....	3	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
517	Telecommunications .....	8	N	D	D	b	N	N
5172	Wireless telecommunications carriers (except satellite) .....	5	Q	D	D	b	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	5	Q	D	D	b	Q	Q
<b>GAYLORD</b>								
<b>51</b>	<b>Information</b> .....	<b>12</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>e</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	5	N	D	D	c	N	N
5172	Wireless telecommunications carriers (except satellite) .....	4	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	4	Q	D	D	c	Q	Q
<b>GENESEE</b>								
<b>51</b>	<b>Information</b> .....	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>GENOA</b>								
<b>51</b>	<b>Information</b> .....	<b>8</b>	<b>N</b>	<b>6 432</b>	<b>1 576</b>	<b>105</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	2	N	D	D	b	N	N
<b>GEORGETOWN</b>								
<b>51</b>	<b>Information</b> .....	<b>7</b>	<b>N</b>	<b>5 115</b>	<b>1 290</b>	<b>230</b>	<b>N</b>	<b>N</b>
<b>GLADWIN</b>								
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>GRAND BLANC CITY</b>								
<b>51</b>	<b>Information</b> .....	<b>8</b>	<b>N</b>	<b>2 656</b>	<b>891</b>	<b>76</b>	<b>N</b>	<b>N</b>
<b>GRAND BLANC TOWNSHIP</b>								
<b>51</b>	<b>Information</b> .....	<b>8</b>	<b>N</b>	<b>351</b>	<b>71</b>	<b>20</b>	<b>N</b>	<b>N</b>
<b>GRAND HAVEN CITY</b>								
<b>51</b>	<b>Information</b> .....	<b>9</b>	<b>N</b>	<b>7 032</b>	<b>1 526</b>	<b>187</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	3	D	D	D	c	D	D
5111	Newspaper, periodical, book, and directory publishers .....	3	D	D	D	c	D	D
517	Telecommunications .....	3	N	D	D	b	N	N
<b>GRAND HAVEN TOWNSHIP</b>								
<b>51</b>	<b>Information</b> .....	<b>3</b>	<b>N</b>	<b>688</b>	<b>286</b>	<b>35</b>	<b>N</b>	<b>N</b>
<b>GRAND LEDGE</b>								
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>GRAND LEDGE (PART - EATON COUNTY)</b>								
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>GRAND RAPIDS CITY</b>								
<b>51</b>	<b>Information</b> .....	<b>120</b>	<b>N</b>	<b>150 329</b>	<b>35 937</b>	<b>3 457</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	26	145 180	44 083	10 264	1 125	6.4	4.1
5111	Newspaper, periodical, book, and directory publishers .....	20	D	D	D	g	D	D
51111	Newspaper publishers .....	3	D	D	D	f	D	D
511110	Newspaper publishers .....	3	D	D	D	f	D	D
512	Motion picture and sound recording industries .....	22	N	D	D	e	N	N
5121	Motion picture and video industries .....	20	N	D	D	e	N	N
51213	Motion picture and video exhibition .....	6	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	6	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	17	D	D	D	f	D	D
5151	Radio and television broadcasting .....	17	D	D	D	f	D	D
51511	Radio broadcasting .....	13	D	D	D	e	D	D
515112	Radio stations .....	13	D	D	D	e	D	D
517	Telecommunications .....	41	N	39 598	10 416	684	N	N
5171	Wired telecommunications carriers .....	26	Q	33 402	8 866	534	Q	Q
51711	Wired telecommunications carriers .....	26	Q	33 402	8 866	534	Q	Q
517110	Wired telecommunications carriers .....	26	Q	33 402	8 866	534	Q	Q
518	Internet service providers, web search portals, and data processing services .....	13	D	D	D	f	D	D

See footnotes at end of table.

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NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>GRAND RAPIDS CHARTER TOWNSHIP</b>							
51	Information .....	15	N	19 313	4 544	290	N	N
517	Telecommunications .....	9	N	11 642	2 741	179	N	N
	<b>GRANDVILLE</b>							
51	Information .....	11	N	3 021	1 119	115	N	N
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N
5121	Motion picture and video industries .....	3	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
512131	Motion picture theaters (except drive-ins) .....	1	D	D	D	b	D	D
	<b>GREEN OAK</b>							
51	Information .....	2	N	D	D	a	N	N
	<b>GREENVILLE</b>							
51	Information .....	6	N	5 922	1 590	194	N	N
	<b>GROSSE ILE</b>							
51	Information .....	2	N	D	D	a	N	N
	<b>GROSSE POINTE</b>							
51	Information .....	1	N	D	D	a	N	N
	<b>GROSSE POINTE FARMS</b>							
51	Information .....	4	N	1 809	526	49	N	N
	<b>GROSSE POINTE PARK</b>							
51	Information .....	5	N	226	66	7	N	N
	<b>GROSSE POINTE WOODS</b>							
51	Information .....	3	N	451	111	11	N	N
	<b>HAMBURG</b>							
51	Information .....	2	N	D	D	a	N	N
	<b>HAMTRAMCK</b>							
51	Information .....	3	N	D	D	e	N	N
517	Telecommunications .....	2	N	D	D	e	N	N
5173	Telecommunications resellers .....	1	D	D	D	e	D	D
51731	Telecommunications resellers .....	1	D	D	D	e	D	D
517310	Telecommunications resellers .....	1	D	D	D	e	D	D
	<b>HANCOCK</b>							
51	Information .....	5	N	D	D	b	N	N
	<b>HARPER WOODS</b>							
51	Information .....	4	N	372	94	22	N	N
	<b>HARRISON</b>							
51	Information .....	3	N	D	D	a	N	N
	<b>HARTLAND</b>							
51	Information .....	1	N	D	D	b	N	N
	<b>HASTINGS</b>							
51	Information .....	4	N	1 514	387	48	N	N
	<b>HAZEL PARK</b>							
51	Information .....	4	N	182	36	8	N	N
	<b>HIGHLAND</b>							
51	Information .....	6	N	1 288	303	32	N	N
	<b>HIGHLAND PARK</b>							
51	Information .....	7	N	1 391	401	29	N	N
	<b>HILLSDALE</b>							
51	Information .....	6	N	2 670	669	127	N	N

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NAICS code	Geographic area and kind of business	Estab-lishments (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 <sup>1</sup>	Estimated <sup>2</sup>
<b>HOLLAND CITY</b>								
51	Information .....	15	N	9 585	2 314	283	N	N
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
517	Telecommunications .....	4	N	D	D	b	N	N
<b>HOLLAND (PART - OTTAWA COUNTY)</b>								
51	Information .....	15	N	9 585	2 314	283	N	N
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
517	Telecommunications .....	4	N	D	D	b	N	N
<b>HOLLAND TOWNSHIP</b>								
51	Information .....	11	N	2 582	622	101	N	N
512	Motion picture and sound recording industries .....	1	N	D	D	b	N	N
5121	Motion picture and video industries .....	1	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
<b>HOLLY</b>								
51	Information .....	1	N	D	D	a	N	N
<b>HOUGHTON</b>								
51	Information .....	8	N	D	D	c	N	N
<b>HOWELL</b>								
51	Information .....	8	N	7 218	1 780	206	N	N
<b>HUDSONVILLE</b>								
51	Information .....	1	N	D	D	a	N	N
<b>HUNTINGTON WOODS</b>								
51	Information .....	1	N	D	D	a	N	N
<b>HURON</b>								
51	Information .....	1	N	D	D	a	N	N
<b>IMLAY CITY</b>								
51	Information .....	5	N	1 886	394	68	N	N
<b>INDEPENDENCE</b>								
51	Information .....	11	N	3 167	933	97	N	N
517	Telecommunications .....	7	N	2 792	833	89	N	N
<b>IONIA</b>								
51	Information .....	4	N	D	D	b	N	N
<b>IRON MOUNTAIN</b>								
51	Information .....	12	N	3 158	846	121	N	N
<b>IRON RIVER</b>								
51	Information .....	5	N	780	215	37	N	N
<b>IRONWOOD</b>								
51	Information .....	9	N	2 310	601	120	N	N
<b>ISHPEMING</b>								
51	Information .....	3	N	201	55	14	N	N
<b>ITHACA</b>								
51	Information .....	5	N	D	D	c	N	N
512	Motion picture and sound recording industries .....	3	N	D	D	c	N	N
5121	Motion picture and video industries .....	3	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	3	D	D	D	c	D	D

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>JACKSON</b>								
<b>51</b>	<b>Information</b> .....	<b>17</b>	<b>N</b>	<b>10 342</b>	<b>2 621</b>	<b>327</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	4	D	D	D	c	D	D
5111	Newspaper, periodical, book, and directory publishers .....	3	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
<b>KALAMAZOO CITY</b>								
<b>51</b>	<b>Information</b> .....	<b>32</b>	<b>N</b>	<b>55 884</b>	<b>14 476</b>	<b>1 229</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	7	81 221	18 347	4 491	448	—	18.9
5111	Newspaper, periodical, book, and directory publishers .....	6	D	D	D	e	D	D
51111	Newspaper publishers .....	1	D	D	D	e	D	D
511110	Newspaper publishers .....	1	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	6	N	D	D	b	N	N
5121	Motion picture and video industries .....	5	N	D	D	b	N	N
515	Broadcasting (except Internet) .....	3	D	D	D	c	D	D
5151	Radio and television broadcasting .....	2	D	D	D	c	D	D
517	Telecommunications .....	11	N	D	D	e	N	N
5171	Wired telecommunications carriers .....	10	Q	D	D	e	Q	Q
51711	Wired telecommunications carriers .....	10	Q	D	D	e	Q	Q
517110	Wired telecommunications carriers .....	10	Q	D	D	e	Q	Q
<b>KALAMAZOO TOWNSHIP</b>								
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>134</b>	<b>47</b>	<b>12</b>	<b>N</b>	<b>N</b>
<b>KEEGO HARBOR</b>								
<b>51</b>	<b>Information</b> .....	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>KENTWOOD</b>								
<b>51</b>	<b>Information</b> .....	<b>19</b>	<b>N</b>	<b>14 760</b>	<b>3 230</b>	<b>410</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	7	N	2 176	526	45	N	N
518	Internet service providers, web search portals, and data processing services .....	6	30 627	11 184	2 348	298	2.6	.9
5182	Data processing, hosting, and related services .....	5	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	5	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	5	D	D	D	e	D	D
<b>KINGSFORD</b>								
<b>51</b>	<b>Information</b> .....	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>LAKE ORION</b>								
<b>51</b>	<b>Information</b> .....	<b>3</b>	<b>N</b>	<b>430</b>	<b>116</b>	<b>9</b>	<b>N</b>	<b>N</b>
<b>LANSING</b>								
<b>51</b>	<b>Information</b> .....	<b>68</b>	<b>N</b>	<b>100 831</b>	<b>25 580</b>	<b>2 445</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	11	59 168	17 781	4 294	499	1.4	5.9
5111	Newspaper, periodical, book, and directory publishers .....	9	D	D	D	e	D	D
51111	Newspaper publishers .....	2	D	D	D	e	D	D
511110	Newspaper publishers .....	2	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	6	N	D	D	c	N	N
5121	Motion picture and video industries .....	4	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	1	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	8	D	D	D	e	D	D
5151	Radio and television broadcasting .....	6	D	D	D	e	D	D
517	Telecommunications .....	29	N	26 822	6 264	590	N	N
5171	Wired telecommunications carriers .....	18	Q	19 986	4 901	336	Q	Q
51711	Wired telecommunications carriers .....	18	Q	19 986	4 901	336	Q	Q
517110	Wired telecommunications carriers .....	18	Q	19 986	4 901	336	Q	Q
518	Internet service providers, web search portals, and data processing services .....	12	D	D	D	f	D	D
5182	Data processing, hosting, and related services .....	9	D	D	D	f	D	D
51821	Data processing, hosting, and related services .....	9	D	D	D	f	D	D
518210	Data processing, hosting, and related services .....	9	D	D	D	f	D	D

See footnotes at end of table.

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>LANSING (PART - INGHAM COUNTY)</b>								
<b>51</b>	<b>Information</b> .....	<b>68</b>	<b>N</b>	<b>100 831</b>	<b>25 580</b>	<b>2 445</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	11	59 168	17 781	4 294	499	1.4	5.9
5111	Newspaper, periodical, book, and directory publishers .....	9	D	D	D	e	D	D
51111	Newspaper publishers .....	2	D	D	D	e	D	D
511110	Newspaper publishers .....	2	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	6	N	D	D	c	N	N
5121	Motion picture and video industries .....	4	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	1	D	D	D	c	D	D
515	Broadcasting (except Internet) .....	8	D	D	D	e	D	D
5151	Radio and television broadcasting .....	6	D	D	D	e	D	D
517	Telecommunications .....	29	N	26 822	6 264	590	N	N
5171	Wired telecommunications carriers .....	18	Q	19 986	4 901	336	Q	Q
51711	Wired telecommunications carriers .....	18	Q	19 986	4 901	336	Q	Q
517110	Wired telecommunications carriers .....	18	Q	19 986	4 901	336	Q	Q
518	Internet service providers, web search portals, and data processing services .....	12	D	D	D	f	D	D
5182	Data processing, hosting, and related services .....	9	D	D	D	f	D	D
51821	Data processing, hosting, and related services .....	9	D	D	D	f	D	D
518210	Data processing, hosting, and related services .....	9	D	D	D	f	D	D
<b>LAPEER</b>								
<b>51</b>	<b>Information</b> .....	<b>5</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	1	N	D	D	b	N	N
5121	Motion picture and video industries .....	1	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
<b>LATHRUP VILLAGE</b>								
<b>51</b>	<b>Information</b> .....	<b>3</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>LINCOLN</b>								
<b>51</b>	<b>Information</b> .....	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>LINCOLN PARK</b>								
<b>51</b>	<b>Information</b> .....	<b>6</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	4	N	D	D	b	N	N
<b>LINDEN</b>								
<b>51</b>	<b>Information</b> .....	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>LIVONIA</b>								
<b>51</b>	<b>Information</b> .....	<b>86</b>	<b>N</b>	<b>160 690</b>	<b>44 921</b>	<b>3 541</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	20	154 453	44 760	11 840	1 176	.1	43.9
5111	Newspaper, periodical, book, and directory publishers .....	9	125 285	32 971	9 009	922	.1	42.1
51111	Newspaper publishers .....	2	D	D	D	e	D	D
511110	Newspaper publishers .....	2	D	D	D	e	D	D
51114	Directory and mailing list publishers .....	2	D	D	D	e	D	D
511140	Directory and mailing list publishers .....	2	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	7	N	D	D	c	N	N
5121	Motion picture and video industries .....	7	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	4	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	4	D	D	D	c	D	D
517	Telecommunications .....	31	N	66 263	17 440	1 001	N	N
5171	Wired telecommunications carriers .....	17	Q	D	D	f	Q	Q
51711	Wired telecommunications carriers .....	17	Q	D	D	f	Q	Q
517110	Wired telecommunications carriers .....	17	Q	D	D	f	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	7	Q	9 517	2 606	128	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	7	Q	9 517	2 606	128	Q	Q
517212	Cellular and other wireless telecommunications .....	7	Q	9 517	2 606	128	Q	Q
518	Internet service providers, web search portals, and data processing services .....	25	D	D	D	g	D	D
5181	Internet service providers and web search portals .....	1	D	D	D	c	D	D
51811	Internet service providers and web search portals .....	1	D	D	D	c	D	D
518111	Internet service providers .....	1	D	D	D	c	D	D
5182	Data processing, hosting, and related services .....	24	D	D	D	f	D	D
51821	Data processing, hosting, and related services .....	24	D	D	D	f	D	D
518210	Data processing, hosting, and related services .....	24	D	D	D	f	D	D

See footnotes at end of table.

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>LOWELL</b>							
51	Information .....	3	N	578	149	39	N	N
	<b>LUDINGTON</b>							
51	Information .....	7	N	2 373	522	119	N	N
	<b>LYON</b>							
51	Information .....	5	N	D	D	c	N	N
511	Publishing industries (except Internet) .....	1	D	D	D	c	D	D
5111	Newspaper, periodical, book, and directory publishers .....	1	D	D	D	c	D	D
	<b>MACOMB</b>							
51	Information .....	3	N	D	D	a	N	N
	<b>MADISON HEIGHTS</b>							
51	Information .....	19	N	6 014	1 502	210	N	N
512	Motion picture and sound recording industries .....	4	N	2 444	589	112	N	N
5121	Motion picture and video industries .....	3	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
512131	Motion picture theaters (except drive-ins) .....	1	D	D	D	b	D	D
5122	Sound recording industries .....	1	N	D	D	b	N	N
517	Telecommunications .....	7	N	2 110	574	52	N	N
	<b>MANISTEE</b>							
51	Information .....	5	N	D	D	b	N	N
	<b>MANISTIQUE</b>							
51	Information .....	3	N	D	D	a	N	N
	<b>MARINE CITY</b>							
51	Information .....	2	N	D	D	a	N	N
	<b>MARQUETTE</b>							
51	Information .....	21	N	8 215	1 963	306	N	N
517	Telecommunications .....	7	N	D	D	c	N	N
	<b>MARSHALL</b>							
51	Information .....	2	N	D	D	a	N	N
	<b>MARYSVILLE</b>							
51	Information .....	1	N	D	D	a	N	N
	<b>MASON</b>							
51	Information .....	2	N	D	D	b	N	N
	<b>MELVINDALE</b>							
51	Information .....	1	N	D	D	a	N	N
	<b>MENOMINEE</b>							
51	Information .....	1	N	D	D	a	N	N
	<b>MERIDIAN</b>							
51	Information .....	26	N	7 377	1 708	189	N	N
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
517	Telecommunications .....	12	N	3 300	888	79	N	N
	<b>MIDDLEVILLE</b>							
51	Information .....	1	N	D	D	a	N	N

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>MIDLAND</b>								
<b>51</b>	<b>Information .....</b>	<b>36</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>f</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
517	Telecommunications .....	9	N	D	D	b	N	N
518	Internet service providers, web search portals, and data processing services .....	18	D	D	D	e	D	D
5182	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
<b>MIDLAND (PART - MIDLAND COUNTY)</b>								
<b>51</b>	<b>Information .....</b>	<b>36</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>f</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
517	Telecommunications .....	9	N	D	D	b	N	N
518	Internet service providers, web search portals, and data processing services .....	18	D	D	D	e	D	D
5182	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	16	D	D	D	e	D	D
<b>MILAN</b>								
<b>51</b>	<b>Information .....</b>	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>MILAN (PART - MONROE COUNTY)</b>								
<b>51</b>	<b>Information .....</b>	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>MILAN (PART - WASHTENAW COUNTY)</b>								
<b>51</b>	<b>Information .....</b>	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>MILFORD</b>								
<b>51</b>	<b>Information .....</b>	<b>14</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
518	Internet service providers, web search portals, and data processing services .....	11	D	D	D	b	D	D
<b>MONITOR</b>								
<b>51</b>	<b>Information .....</b>	<b>3</b>	<b>N</b>	<b>11 359</b>	<b>3 088</b>	<b>277</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	2	N	D	D	c	N	N
5175	Cable and other program distribution .....	1	Q	D	D	c	Q	Q
51751	Cable and other program distribution .....	1	Q	D	D	c	Q	Q
517510	Cable and other program distribution .....	1	Q	D	D	c	Q	Q
<b>MONROE CITY</b>								
<b>51</b>	<b>Information .....</b>	<b>9</b>	<b>N</b>	<b>6 778</b>	<b>1 934</b>	<b>239</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	3	D	D	D	c	D	D
517	Telecommunications .....	6	N	D	D	b	N	N
<b>MONROE CHARTER TOWNSHIP</b>								
<b>51</b>	<b>Information .....</b>	<b>6</b>	<b>N</b>	<b>1 053</b>	<b>230</b>	<b>38</b>	<b>N</b>	<b>N</b>
<b>MOUNT CLEMENS</b>								
<b>51</b>	<b>Information .....</b>	<b>9</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>f</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	5	N	D	D	e	N	N
5171	Wired telecommunications carriers .....	4	Q	D	D	e	Q	Q
51711	Wired telecommunications carriers .....	4	Q	D	D	e	Q	Q
517110	Wired telecommunications carriers .....	4	Q	D	D	e	Q	Q
<b>MOUNT MORRIS TOWNSHIP</b>								
<b>51</b>	<b>Information .....</b>	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>MOUNT PLEASANT</b>								
<b>51</b>	<b>Information .....</b>	<b>10</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>MUNDY</b>							
<b>51</b>	<b>Information</b> .....	<b>7</b>	<b>N</b>	<b>12 494</b>	<b>3 846</b>	<b>225</b>	<b>N</b>	<b>N</b>
515	Broadcasting (except Internet) .....	2	D	D	D	b	D	D
5151	Radio and television broadcasting .....	2	D	D	D	b	D	D
51511	Radio broadcasting .....	2	D	D	D	b	D	D
515112	Radio stations .....	2	D	D	D	b	D	D
518	Internet service providers, web search portals, and data processing services .....	3	D	D	D	c	D	D
5182	Data processing, hosting, and related services .....	3	D	D	D	c	D	D
51821	Data processing, hosting, and related services .....	3	D	D	D	c	D	D
518210	Data processing, hosting, and related services .....	3	D	D	D	c	D	D
	<b>MUNISING</b>							
<b>51</b>	<b>Information</b> .....	<b>3</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	2	N	D	D	b	N	N
	<b>MUSKEGON CITY</b>							
<b>51</b>	<b>Information</b> .....	<b>18</b>	<b>N</b>	<b>38 714</b>	<b>9 022</b>	<b>636</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	3	D	D	D	e	D	D
5111	Newspaper, periodical, book, and directory publishers .....	3	D	D	D	e	D	D
517	Telecommunications .....	11	N	D	D	e	N	N
5171	Wired telecommunications carriers .....	8	Q	D	D	e	Q	Q
51711	Wired telecommunications carriers .....	8	Q	D	D	e	Q	Q
517110	Wired telecommunications carriers .....	8	Q	D	D	e	Q	Q
	<b>MUSKEGON TOWNSHIP</b>							
<b>51</b>	<b>Information</b> .....	<b>7</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
	<b>MUSKEGON HEIGHTS</b>							
<b>51</b>	<b>Information</b> .....	<b>10</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
	<b>NEGAUNEE</b>							
<b>51</b>	<b>Information</b> .....	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
	<b>NEW BALTIMORE</b>							
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>1 514</b>	<b>384</b>	<b>42</b>	<b>N</b>	<b>N</b>
	<b>NEWBERRY</b>							
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
	<b>NEW HAVEN</b>							
<b>51</b>	<b>Information</b> .....	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	1	N	D	D	c	N	N
5175	Cable and other program distribution .....	1	Q	D	D	c	Q	Q
51751	Cable and other program distribution .....	1	Q	D	D	c	Q	Q
517510	Cable and other program distribution .....	1	Q	D	D	c	Q	Q
	<b>NILES CITY</b>							
<b>51</b>	<b>Information</b> .....	<b>6</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>e</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	3	D	D	D	c	D	D
5111	Newspaper, periodical, book, and directory publishers .....	3	D	D	D	c	D	D
51119	Other publishers .....	1	D	D	D	c	D	D
511199	All other publishers .....	1	D	D	D	c	D	D
	<b>NILES (PART - BERRIEN COUNTY)</b>							
<b>51</b>	<b>Information</b> .....	<b>6</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>e</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	3	D	D	D	c	D	D
5111	Newspaper, periodical, book, and directory publishers .....	3	D	D	D	c	D	D
51119	Other publishers .....	1	D	D	D	c	D	D
511199	All other publishers .....	1	D	D	D	c	D	D
	<b>NILES TOWNSHIP</b>							
<b>51</b>	<b>Information</b> .....	<b>3</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
	<b>NORTH MUSKEGON</b>							
<b>51</b>	<b>Information</b> .....	<b>3</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
	<b>NORTHVILLE CITY</b>							
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>171</b>	<b>43</b>	<b>5</b>	<b>N</b>	<b>N</b>

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>	
<b>51</b>	<b>NORTHVILLE (PART - OAKLAND COUNTY)</b>								
	Information .....	1	N	D	D	a	N	N	
<b>51</b>	<b>NORTHVILLE (PART - WAYNE COUNTY)</b>								
	Information .....	3	N	D	D	a	N	N	
<b>51</b>	<b>NORTHVILLE TOWNSHIP</b>								
	Information .....	5	N	1 539	342	28	N	N	
<b>51</b>	<b>NORTON SHORES</b>								
	Information .....	10	N	8 056	1 580	297	N	N	
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N	
5121	Motion picture and video industries .....	3	N	D	D	b	N	N	
51213	Motion picture and video exhibition .....	3	D	D	D	b	D	D	
517	Telecommunications .....	6	N	D	D	c	N	N	
<b>51</b>	<b>NOVI</b>								
	Information .....	34	N	36 734	9 679	594	N	N	
511	Publishing industries (except Internet) .....	11	90 823	19 551	5 153	236	—	5.3	
5112	Software publishers .....	10	D	D	D	c	D	D	
51121	Software publishers .....	10	D	D	D	c	D	D	
511210	Software publishers .....	10	D	D	D	c	D	D	
512	Motion picture and sound recording industries .....	4	N	D	D	b	N	N	
5121	Motion picture and video industries .....	4	N	D	D	b	N	N	
517	Telecommunications .....	16	N	14 887	3 766	298	N	N	
5172	Wireless telecommunications carriers (except satellite) .....	10	Q	D	D	c	Q	Q	
51721	Wireless telecommunications carriers (except satellite) .....	10	Q	D	D	c	Q	Q	
517212	Cellular and other wireless telecommunications .....	10	Q	D	D	c	Q	Q	
<b>51</b>	<b>OAKLAND</b>								
	Information .....	3	N	188	47	4	N	N	
<b>51</b>	<b>OAK PARK</b>								
	Information .....	12	N	8 557	1 949	173	N	N	
512	Motion picture and sound recording industries .....	5	N	D	D	c	N	N	
5121	Motion picture and video industries .....	5	N	D	D	c	N	N	
51219	Postproduction and other motion picture and video industries .....	3	D	D	D	c	D	D	
512191	Teleproduction and other postproduction services .....	1	D	D	D	c	D	D	
517	Telecommunications .....	6	N	D	D	b	N	N	
<b>51</b>	<b>ORION (BALANCE)</b>								
	Information .....	7	N	3 225	796	68	N	N	
<b>51</b>	<b>OSHTEMO</b>								
	Information .....	10	N	2 962	618	105	N	N	
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N	
5121	Motion picture and video industries .....	2	N	D	D	b	N	N	
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D	
<b>51</b>	<b>OTSEGO</b>								
	Information .....	2	N	D	D	b	N	N	
<b>51</b>	<b>OWOSSO</b>								
	Information .....	8	N	4 046	826	178	N	N	
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N	
5121	Motion picture and video industries .....	2	N	D	D	b	N	N	
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D	
<b>51</b>	<b>OXFORD VILLAGE</b>								
	Information .....	3	N	518	143	29	N	N	
<b>51</b>	<b>OXFORD TOWNSHIP (BALANCE)</b>								
	Information .....	1	N	D	D	b	N	N	
<b>51</b>	<b>PARK</b>								
	Information .....	1	N	D	D	a	N	N	
<b>51</b>	<b>PAW PAW</b>								
	Information .....	2	N	D	D	a	N	N	

See footnotes at end of table.

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>PETOSKEY</b>								
<b>51</b>	<b>Information</b> .....	<b>14</b>	<b>N</b>	<b>7 521</b>	<b>1 608</b>	<b>274</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	4	D	D	D	c	D	D
5111	Newspaper, periodical, book, and directory publishers .....	4	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
517	Telecommunications .....	5	N	D	D	c	N	N
<b>PITTSFIELD</b>								
<b>51</b>	<b>Information</b> .....	<b>32</b>	<b>N</b>	<b>37 252</b>	<b>8 531</b>	<b>705</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	18	37 763	17 413	4 179	279	16.3	9.9
5111	Newspaper, periodical, book, and directory publishers .....	5	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	4	N	D	D	b	N	N
5121	Motion picture and video industries .....	4	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
512131	Motion picture theaters (except drive-ins) .....	1	D	D	D	b	D	D
517	Telecommunications .....	6	N	D	D	e	N	N
5171	Wired telecommunications carriers .....	4	Q	D	D	c	Q	Q
51711	Wired telecommunications carriers .....	4	Q	D	D	c	Q	Q
517110	Wired telecommunications carriers .....	4	Q	D	D	c	Q	Q
518	Internet service providers, web search portals, and data processing services .....	4	D	D	D	c	D	D
<b>PLAINFIELD</b>								
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>1 004</b>	<b>227</b>	<b>87</b>	<b>N</b>	<b>N</b>
<b>PLAINWELL</b>								
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>PLEASANT RIDGE</b>								
<b>51</b>	<b>Information</b> .....	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>PLYMOUTH CITY</b>								
<b>51</b>	<b>Information</b> .....	<b>14</b>	<b>N</b>	<b>7 573</b>	<b>2 167</b>	<b>131</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	7	N	6 879	2 032	106	N	N
<b>PLYMOUTH TOWNSHIP</b>								
<b>51</b>	<b>Information</b> .....	<b>16</b>	<b>N</b>	<b>21 174</b>	<b>5 691</b>	<b>409</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	2	D	D	D	c	D	D
517	Telecommunications .....	7	N	11 837	3 527	267	N	N
5175	Cable and other program distribution .....	5	Q	D	D	e	Q	Q
51751	Cable and other program distribution .....	5	Q	D	D	e	Q	Q
517510	Cable and other program distribution .....	5	Q	D	D	e	Q	Q
<b>PONTIAC</b>								
<b>51</b>	<b>Information</b> .....	<b>32</b>	<b>N</b>	<b>74 104</b>	<b>19 671</b>	<b>1 317</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	2	D	D	D	e	D	D
5111	Newspaper, periodical, book, and directory publishers .....	2	D	D	D	e	D	D
51111	Newspaper publishers .....	2	D	D	D	e	D	D
511110	Newspaper publishers .....	2	D	D	D	e	D	D
517	Telecommunications .....	13	N	D	D	f	N	N
5171	Wired telecommunications carriers .....	9	Q	D	D	f	Q	Q
51711	Wired telecommunications carriers .....	9	Q	D	D	f	Q	Q
517110	Wired telecommunications carriers .....	9	Q	D	D	f	Q	Q
518	Internet service providers, web search portals, and data processing services .....	14	D	D	D	e	D	D
5182	Data processing, hosting, and related services .....	14	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	14	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	14	D	D	D	e	D	D

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**Table 4. Summary Statistics for Places: 2002—Con.**

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>PORTAGE</b>								
<b>51</b>	<b>Information</b> .....	<b>26</b>	<b>N</b>	<b>14 467</b>	<b>3 739</b>	<b>467</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	4	N	D	D	b	N	N
5121	Motion picture and video industries .....	4	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
517	Telecommunications .....	13	N	11 927	3 110	329	N	N
5172	Wireless telecommunications carriers (except satellite) .....	5	Q	D	D	c	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	5	Q	D	D	c	Q	Q
517212	Cellular and other wireless telecommunications .....	4	Q	D	D	c	Q	Q
<b>PORT HURON</b>								
<b>51</b>	<b>Information</b> .....	<b>16</b>	<b>N</b>	<b>49 884</b>	<b>11 238</b>	<b>1 079</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	3	D	D	D	e	D	D
5111	Newspaper, periodical, book, and directory publishers .....	1	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	4	N	D	D	b	N	N
5121	Motion picture and video industries .....	4	N	D	D	b	N	N
517	Telecommunications .....	6	N	D	D	f	N	N
5171	Wired telecommunications carriers .....	6	Q	D	D	f	Q	Q
51711	Wired telecommunications carriers .....	6	Q	D	D	f	Q	Q
517110	Wired telecommunications carriers .....	6	Q	D	D	f	Q	Q
<b>REDFORD</b>								
<b>51</b>	<b>Information</b> .....	<b>16</b>	<b>N</b>	<b>31 520</b>	<b>8 105</b>	<b>587</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	2	N	D	D	a	N	N
5121	Motion picture and video industries .....	2	N	D	D	a	N	N
517	Telecommunications .....	10	N	D	D	e	N	N
5171	Wired telecommunications carriers .....	6	Q	D	D	e	Q	Q
51711	Wired telecommunications carriers .....	6	Q	D	D	e	Q	Q
517110	Wired telecommunications carriers .....	6	Q	D	D	e	Q	Q
<b>RICHMOND</b>								
<b>51</b>	<b>Information</b> .....	<b>3</b>	<b>N</b>	<b>194</b>	<b>45</b>	<b>8</b>	<b>N</b>	<b>N</b>
<b>RICHMOND (PART - MACOMB COUNTY)</b>								
<b>51</b>	<b>Information</b> .....	<b>3</b>	<b>N</b>	<b>194</b>	<b>45</b>	<b>8</b>	<b>N</b>	<b>N</b>
<b>RIVER ROUGE</b>								
<b>51</b>	<b>Information</b> .....	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>ROCHESTER</b>								
<b>51</b>	<b>Information</b> .....	<b>7</b>	<b>N</b>	<b>3 900</b>	<b>838</b>	<b>73</b>	<b>N</b>	<b>N</b>
<b>ROCHESTER HILLS</b>								
<b>51</b>	<b>Information</b> .....	<b>20</b>	<b>N</b>	<b>15 246</b>	<b>3 863</b>	<b>363</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
517	Telecommunications .....	6	N	5 907	1 542	107	N	N
<b>ROCKFORD</b>								
<b>51</b>	<b>Information</b> .....	<b>5</b>	<b>N</b>	<b>455</b>	<b>115</b>	<b>12</b>	<b>N</b>	<b>N</b>
<b>ROGERS CITY</b>								
<b>51</b>	<b>Information</b> .....	<b>5</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>ROMEO</b>								
<b>51</b>	<b>Information</b> .....	<b>5</b>	<b>N</b>	<b>2 409</b>	<b>631</b>	<b>55</b>	<b>N</b>	<b>N</b>
<b>ROMULUS</b>								
<b>51</b>	<b>Information</b> .....	<b>7</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	4	N	D	D	c	N	N
518	Internet service providers, web search portals, and data processing services .....	3	D	D	D	b	D	D
<b>ROOSEVELT PARK</b>								
<b>51</b>	<b>Information</b> .....	<b>3</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>ROSEVILLE</b>								
<b>51</b>	<b>Information</b> .....	<b>10</b>	<b>N</b>	<b>11 011</b>	<b>2 684</b>	<b>211</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
517	Telecommunications .....	4	N	D	D	c	N	N
<b>ROYAL OAK</b>								
<b>51</b>	<b>Information</b> .....	<b>42</b>	<b>N</b>	<b>29 041</b>	<b>7 296</b>	<b>611</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	8	25 086	7 867	2 038	182	2.7	33.2
5111	Newspaper, periodical, book, and directory publishers .....	6	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	19	N	D	D	b	N	N
5121	Motion picture and video industries .....	18	N	D	D	b	N	N
517	Telecommunications .....	10	N	D	D	c	N	N
518	Internet service providers, web search portals, and data processing services .....	5	D	D	D	c	D	D
<b>SAGINAW CITY</b>								
<b>51</b>	<b>Information</b> .....	<b>32</b>	<b>N</b>	<b>61 010</b>	<b>15 631</b>	<b>1 366</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	5	D	D	D	e	D	D
5111	Newspaper, periodical, book, and directory publishers .....	5	D	D	D	e	D	D
515	Broadcasting (except Internet) .....	2	D	D	D	c	D	D
5151	Radio and television broadcasting .....	2	D	D	D	c	D	D
517	Telecommunications .....	14	N	37 186	9 853	796	N	N
5171	Wired telecommunications carriers .....	6	Q	D	D	f	Q	Q
51711	Wired telecommunications carriers .....	6	Q	D	D	f	Q	Q
517110	Wired telecommunications carriers .....	6	Q	D	D	f	Q	Q
518	Internet service providers, web search portals, and data processing services .....	7	D	D	D	c	D	D
<b>SAGINAW CHARTER TOWNSHIP</b>								
<b>51</b>	<b>Information</b> .....	<b>19</b>	<b>N</b>	<b>62 267</b>	<b>16 208</b>	<b>1 145</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
517	Telecommunications .....	12	N	D	D	f	N	N
5171	Wired telecommunications carriers .....	10	Q	D	D	f	Q	Q
51711	Wired telecommunications carriers .....	10	Q	D	D	f	Q	Q
517110	Wired telecommunications carriers .....	10	Q	D	D	f	Q	Q
518	Internet service providers, web search portals, and data processing services .....	3	D	D	D	e	D	D
5182	Data processing, hosting, and related services .....	3	D	D	D	e	D	D
51821	Data processing, hosting, and related services .....	3	D	D	D	e	D	D
518210	Data processing, hosting, and related services .....	3	D	D	D	e	D	D
<b>ST. CLAIR SHORES</b>								
<b>51</b>	<b>Information</b> .....	<b>13</b>	<b>N</b>	<b>2 432</b>	<b>580</b>	<b>67</b>	<b>N</b>	<b>N</b>
<b>ST. IGNACE</b>								
<b>51</b>	<b>Information</b> .....	<b>3</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>ST. JOHNS</b>								
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
<b>ST. JOSEPH CITY</b>								
<b>51</b>	<b>Information</b> .....	<b>7</b>	<b>N</b>	<b>2 282</b>	<b>583</b>	<b>74</b>	<b>N</b>	<b>N</b>
<b>ST. JOSEPH CHARTER TOWNSHIP</b>								
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
<b>ST. LOUIS</b>								
<b>51</b>	<b>Information</b> .....	<b>1</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
<b>SALINE</b>								
<b>51</b>	<b>Information</b> .....	<b>5</b>	<b>N</b>	<b>1 352</b>	<b>321</b>	<b>55</b>	<b>N</b>	<b>N</b>
<b>SANDUSKY</b>								
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>SAULT STE. MARIE</b>							
<b>51</b>	<b>Information</b> .....	<b>9</b>	<b>N</b>	<b>2 933</b>	<b>745</b>	<b>150</b>	<b>N</b>	<b>N</b>
	<b>SCIO</b>							
<b>51</b>	<b>Information</b> .....	<b>16</b>	<b>N</b>	<b>117 260</b>	<b>31 716</b>	<b>2 294</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	5	D	D	D	g	D	D
5111	Newspaper, periodical, book, and directory publishers .....	3	D	D	D	g	D	D
51114	Directory and mailing list publishers .....	2	D	D	D	g	D	D
511140	Directory and mailing list publishers .....	2	D	D	D	g	D	D
5112	Software publishers .....	2	D	D	D	f	D	D
51121	Software publishers .....	2	D	D	D	f	D	D
511210	Software publishers .....	2	D	D	D	f	D	D
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
516	Internet publishing and broadcasting .....	2	D	D	D	c	D	D
5161	Internet publishing and broadcasting .....	2	D	D	D	c	D	D
51611	Internet publishing and broadcasting .....	2	D	D	D	c	D	D
516110	Internet publishing and broadcasting .....	2	D	D	D	c	D	D
517	Telecommunications .....	4	N	D	D	c	N	N
	<b>SHELBY</b>							
<b>51</b>	<b>Information</b> .....	<b>9</b>	<b>N</b>	<b>4 467</b>	<b>1 036</b>	<b>100</b>	<b>N</b>	<b>N</b>
	<b>SOUTHFIELD</b>							
<b>51</b>	<b>Information</b> .....	<b>258</b>	<b>N</b>	<b>573 280</b>	<b>155 614</b>	<b>9 720</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	50	335 658	86 802	22 587	1 051	1.9	12.2
5111	Newspaper, periodical, book, and directory publishers .....	22	58 396	11 153	2 988	299	10.4	10.8
51112	Periodical publishers .....	14	45 337	7 938	2 061	161	12.0	.6
511120	Periodical publishers .....	14	45 337	7 938	2 061	161	12.0	.6
5112	Software publishers .....	28	277 262	75 649	19 599	752	.1	12.5
51121	Software publishers .....	28	277 262	75 649	19 599	752	.1	12.5
511210	Software publishers .....	28	277 262	75 649	19 599	752	.1	12.5
512	Motion picture and sound recording industries .....	22	N	D	D	e	N	N
5121	Motion picture and video industries .....	18	N	D	D	e	N	N
51211	Motion picture and video production .....	11	Q	D	D	c	Q	Q
512110	Motion picture and video production .....	11	Q	D	D	c	Q	Q
51213	Motion picture and video exhibition .....	1	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	1	D	D	D	c	D	D
51219	Postproduction and other motion picture and video industries .....	6	23 383	7 362	1 804	162	6.3	—
512191	Teleproduction and other postproduction services .....	6	23 383	7 362	1 804	162	6.3	—
5122	Sound recording industries .....	4	N	D	D	a	N	N
515	Broadcasting (except Internet) .....	19	274 701	71 843	16 847	1 042	—	3.2
5151	Radio and television broadcasting .....	18	D	D	D	g	D	D
51511	Radio broadcasting .....	7	D	D	D	e	D	D
515112	Radio stations .....	6	D	D	D	e	D	D
51512	Television broadcasting .....	11	212 672	52 895	12 888	766	—	2.2
515120	Television broadcasting .....	11	212 672	52 895	12 888	766	—	2.2
517	Telecommunications .....	128	N	309 469	87 246	5 497	N	N
5171	Wired telecommunications carriers .....	90	Q	236 247	66 385	3 738	Q	Q
51711	Wired telecommunications carriers .....	90	Q	236 247	66 385	3 738	Q	Q
517110	Wired telecommunications carriers .....	90	Q	236 247	66 385	3 738	Q	Q
5172	Wireless telecommunications carriers (except satellite) .....	14	Q	43 667	13 401	919	Q	Q
51721	Wireless telecommunications carriers (except satellite) .....	14	Q	43 667	13 401	919	Q	Q
517212	Cellular and other wireless telecommunications .....	10	Q	D	D	f	Q	Q
5175	Cable and other program distribution .....	11	Q	D	D	f	Q	Q
51751	Cable and other program distribution .....	11	Q	D	D	f	Q	Q
517510	Cable and other program distribution .....	11	Q	D	D	f	Q	Q
518	Internet service providers, web search portals, and data processing services .....	32	261 594	87 301	24 589	1 627	1.5	2.0
5182	Data processing, hosting, and related services .....	25	D	D	D	g	D	D
51821	Data processing, hosting, and related services .....	25	D	D	D	g	D	D
518210	Data processing, hosting, and related services .....	25	D	D	D	g	D	D
519	Other information services .....	4	D	D	D	b	D	D
5191	Other information services .....	4	D	D	D	b	D	D

See footnotes at end of table.

**Table 4. Summary Statistics for Places: 2002—Con.**

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>SOUTHGATE</b>							
51	Information .....	5	N	12 734	3 231	515	N	N
511	Publishing industries (except Internet) .....	2	D	D	D	c	D	D
5111	Newspaper, periodical, book, and directory publishers .....	2	D	D	D	c	D	D
512	Motion picture and sound recording industries .....	1	N	D	D	c	N	N
5121	Motion picture and video industries .....	1	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	1	D	D	D	c	D	D
518	Internet service providers, web search portals, and data processing services .....	2	D	D	D	c	D	D
	<b>SOUTH HAVEN</b>							
51	Information .....	5	N	1 180	266	44	N	N
	<b>SOUTH HAVEN (PART - VAN BUREN COUNTY)</b>							
51	Information .....	5	N	1 180	266	44	N	N
	<b>SOUTH LYON</b>							
51	Information .....	4	N	642	171	31	N	N
	<b>SPARTA</b>							
51	Information .....	2	N	D	D	b	N	N
	<b>SPRINGFIELD CITY</b>							
51	Information .....	3	N	D	D	c	N	N
517	Telecommunications .....	3	N	D	D	c	N	N
	<b>SPRINGFIELD TOWNSHIP</b>							
51	Information .....	2	N	D	D	a	N	N
	<b>SPRING LAKE VILLAGE</b>							
51	Information .....	3	N	D	D	b	N	N
	<b>SPRING LAKE TOWN (BALANCE)</b>							
51	Information .....	2	N	D	D	a	N	N
	<b>STERLING HEIGHTS</b>							
51	Information .....	36	N	17 751	4 904	511	N	N
512	Motion picture and sound recording industries .....	7	N	2 350	618	228	N	N
5121	Motion picture and video industries .....	7	N	2 350	618	228	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	2	D	D	D	c	D	D
517	Telecommunications .....	15	N	D	D	c	N	N
5175	Cable and other program distribution .....	4	Q	D	D	c	Q	Q
51751	Cable and other program distribution .....	4	Q	D	D	c	Q	Q
517510	Cable and other program distribution .....	4	Q	D	D	c	Q	Q
	<b>STURGIS</b>							
51	Information .....	8	N	D	D	b	N	N
	<b>SUMMIT</b>							
51	Information .....	3	N	D	D	b	N	N
	<b>SUMPTER</b>							
51	Information .....	1	N	D	D	b	N	N
	<b>SUPERIOR</b>							
51	Information .....	1	N	D	D	a	N	N
	<b>SWARTZ CREEK</b>							
51	Information .....	4	N	472	107	12	N	N
	<b>TAYLOR</b>							
51	Information .....	14	N	10 665	3 224	333	N	N
512	Motion picture and sound recording industries .....	1	N	D	D	b	N	N
5121	Motion picture and video industries .....	1	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
517	Telecommunications .....	7	N	7 973	2 528	202	N	N
	<b>TECUMSEH</b>							
51	Information .....	4	N	1 387	311	50	N	N

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<b>TEXAS</b>								
51	<b>Information</b> .....	2	N	D	D	a	N	N
<b>THREE RIVERS</b>								
51	<b>Information</b> .....	14	N	4 508	1 156	179	N	N
517	Telecommunications .....	8	N	D	D	c	N	N
<b>TRAVERSE CITY</b>								
51	<b>Information</b> .....	40	N	29 513	7 906	740	N	N
511	Publishing industries (except Internet) .....	6	23 822	6 807	1 675	235	1.7	—
5111	Newspaper, periodical, book, and directory publishers .....	6	23 822	6 807	1 675	235	1.7	—
515	Broadcasting (except Internet) .....	8	D	D	D	c	D	D
5151	Radio and television broadcasting .....	8	D	D	D	c	D	D
517	Telecommunications .....	16	N	13 340	3 777	248	N	N
<b>TRAVERSE CITY (PART - GRAND TRAVERSE COUNTY)</b>								
51	<b>Information</b> .....	40	N	29 513	7 906	740	N	N
511	Publishing industries (except Internet) .....	6	23 822	6 807	1 675	235	1.7	—
5111	Newspaper, periodical, book, and directory publishers .....	6	23 822	6 807	1 675	235	1.7	—
515	Broadcasting (except Internet) .....	8	D	D	D	c	D	D
5151	Radio and television broadcasting .....	8	D	D	D	c	D	D
517	Telecommunications .....	16	N	13 340	3 777	248	N	N
<b>TRENTON</b>								
51	<b>Information</b> .....	6	N	1 243	270	27	N	N
<b>TROY</b>								
51	<b>Information</b> .....	162	N	579 684	165 196	9 620	N	N
511	Publishing industries (except Internet) .....	39	552 905	106 656	26 363	1 498	.9	12.1
5111	Newspaper, periodical, book, and directory publishers .....	22	411 210	52 316	12 593	941	1.1	15.1
51112	Periodical publishers .....	11	88 446	23 292	5 548	404	4.1	50.5
511120	Periodical publishers .....	11	88 446	23 292	5 548	404	4.1	50.5
51114	Directory and mailing list publishers .....	3	D	D	D	e	D	D
511140	Directory and mailing list publishers .....	3	D	D	D	e	D	D
51119	Other publishers .....	1	D	D	D	b	D	D
511199	All other publishers .....	1	D	D	D	b	D	D
5112	Software publishers .....	17	141 695	54 340	13 770	557	.1	3.5
51121	Software publishers .....	17	141 695	54 340	13 770	557	.1	3.5
511210	Software publishers .....	17	141 695	54 340	13 770	557	.1	3.5
512	Motion picture and sound recording industries .....	21	N	D	D	c	N	N
5121	Motion picture and video industries .....	16	N	D	D	b	N	N
5122	Sound recording industries .....	5	N	D	D	b	N	N
515	Broadcasting (except Internet) .....	13	53 152	9 088	2 325	154	4.1	24.4
5151	Radio and television broadcasting .....	5	D	D	D	c	D	D
51511	Radio broadcasting .....	2	D	D	D	b	D	D
515111	Radio networks .....	2	D	D	D	b	D	D
517	Telecommunications .....	36	N	71 307	16 539	1 049	N	N
5171	Wired telecommunications carriers .....	23	Q	D	D	f	Q	Q
51711	Wired telecommunications carriers .....	23	Q	D	D	f	Q	Q
517110	Wired telecommunications carriers .....	23	Q	D	D	f	Q	Q
518	Internet service providers, web search portals, and data processing services .....	49	1 091 400	385 607	117 826	6 684	.1	.9
5182	Data processing, hosting, and related services .....	45	1 088 312	384 477	117 378	6 661	—	.7
51821	Data processing, hosting, and related services .....	45	1 088 312	384 477	117 378	6 661	—	.7
518210	Data processing, hosting, and related services .....	45	1 088 312	384 477	117 378	6 661	—	.7
<b>UTICA</b>								
51	<b>Information</b> .....	7	N	4 606	1 132	104	N	N
517	Telecommunications .....	4	N	3 991	958	71	N	N
<b>VAN BUREN</b>								
51	<b>Information</b> .....	3	N	252	81	3	N	N
<b>VASSAR</b>								
51	<b>Information</b> .....	1	N	D	D	a	N	N

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>51</b>	<b>VIENNA</b>							
	<b>Information</b> .....	<b>3</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>c</b>	<b>N</b>	<b>N</b>
	<b>WALKER</b>							
<b>51</b>	<b>Information</b> .....	<b>6</b>	<b>N</b>	<b>8 273</b>	<b>1 990</b>	<b>234</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	1	D	D	D	b	D	D
5111	Newspaper, periodical, book, and directory publishers .....	1	D	D	D	b	D	D
515	Broadcasting (except Internet) .....	1	D	D	D	c	D	D
5151	Radio and television broadcasting .....	1	D	D	D	c	D	D
	<b>WALLED LAKE</b>							
<b>51</b>	<b>Information</b> .....	<b>3</b>	<b>N</b>	<b>958</b>	<b>154</b>	<b>23</b>	<b>N</b>	<b>N</b>
	<b>WARREN</b>							
<b>51</b>	<b>Information</b> .....	<b>58</b>	<b>N</b>	<b>71 989</b>	<b>19 050</b>	<b>1 605</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	9	69 228	17 175	3 889	446	17.5	27.9
5111	Newspaper, periodical, book, and directory publishers .....	7	D	D	D	e	D	D
512	Motion picture and sound recording industries .....	5	N	D	D	b	N	N
5121	Motion picture and video industries .....	4	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
5122	Sound recording industries .....	1	N	D	D	a	N	N
517	Telecommunications .....	13	N	4 830	1 610	221	N	N
518	Internet service providers, web search portals, and data processing services .....	30	132 001	48 261	13 133	851	.9	3.1
5182	Data processing, hosting, and related services .....	27	D	D	D	f	D	D
51821	Data processing, hosting, and related services .....	27	D	D	D	f	D	D
518210	Data processing, hosting, and related services .....	27	D	D	D	f	D	D
	<b>WASHINGTON (BALANCE)</b>							
<b>51</b>	<b>Information</b> .....	<b>5</b>	<b>N</b>	<b>368</b>	<b>89</b>	<b>14</b>	<b>N</b>	<b>N</b>
	<b>WATERFORD</b>							
<b>51</b>	<b>Information</b> .....	<b>21</b>	<b>N</b>	<b>5 167</b>	<b>1 434</b>	<b>148</b>	<b>N</b>	<b>N</b>
511	Publishing industries (except Internet) .....	4	15 771	1 809	469	63	—	.5
5111	Newspaper, periodical, book, and directory publishers .....	4	15 771	1 809	469	63	—	.5
517	Telecommunications .....	9	N	2 181	656	51	N	N
	<b>WAYLAND</b>							
<b>51</b>	<b>Information</b> .....	<b>2</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>a</b>	<b>N</b>	<b>N</b>
	<b>WAYNE</b>							
<b>51</b>	<b>Information</b> .....	<b>5</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
	<b>WEST BLOOMFIELD</b>							
<b>51</b>	<b>Information</b> .....	<b>19</b>	<b>N</b>	<b>1 981</b>	<b>471</b>	<b>52</b>	<b>N</b>	<b>N</b>
	<b>WESTLAND</b>							
<b>51</b>	<b>Information</b> .....	<b>19</b>	<b>N</b>	<b>3 421</b>	<b>877</b>	<b>118</b>	<b>N</b>	<b>N</b>
512	Motion picture and sound recording industries .....	6	N	D	D	b	N	N
5121	Motion picture and video industries .....	6	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
517	Telecommunications .....	10	N	2 421	629	62	N	N
	<b>WHITEHALL</b>							
<b>51</b>	<b>Information</b> .....	<b>6</b>	<b>N</b>	<b>D</b>	<b>D</b>	<b>b</b>	<b>N</b>	<b>N</b>
	<b>WHITE LAKE</b>							
<b>51</b>	<b>Information</b> .....	<b>4</b>	<b>N</b>	<b>202</b>	<b>42</b>	<b>2</b>	<b>N</b>	<b>N</b>
	<b>WILLIAMSTON</b>							
<b>51</b>	<b>Information</b> .....	<b>5</b>	<b>N</b>	<b>683</b>	<b>149</b>	<b>23</b>	<b>N</b>	<b>N</b>
	<b>WIXOM</b>							
<b>51</b>	<b>Information</b> .....	<b>8</b>	<b>N</b>	<b>4 237</b>	<b>926</b>	<b>117</b>	<b>N</b>	<b>N</b>
517	Telecommunications .....	3	N	D	D	b	N	N

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							From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>WOODHAVEN</b>								
51	Information .....	6	N	7 048	1 805	106	N	N
517	Telecommunications .....	4	N	D	D	c	N	N
<b>WYANDOTTE</b>								
51	Information .....	5	N	601	202	13	N	N
<b>WYOMING</b>								
51	Information .....	33	N	35 168	8 896	841	N	N
512	Motion picture and sound recording industries .....	1	N	D	D	c	N	N
5121	Motion picture and video industries .....	1	N	D	D	c	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	c	D	D
512131	Motion picture theaters (except drive-ins) .....	1	D	D	D	c	D	D
517	Telecommunications .....	15	N	D	D	e	N	N
5171	Wired telecommunications carriers .....	9	Q	D	D	e	Q	Q
51711	Wired telecommunications carriers .....	9	Q	D	D	e	Q	Q
517110	Wired telecommunications carriers .....	9	Q	D	D	e	Q	Q
518	Internet service providers, web search portals, and data processing services .....	5	10 396	5 241	1 243	162	.2	—
<b>YPSILANTI CITY</b>								
51	Information .....	5	N	D	D	b	N	N
<b>YPSILANTI TOWNSHIP</b>								
51	Information .....	6	N	3 543	1 088	114	N	N
517	Telecommunications .....	2	N	D	D	b	N	N
<b>ZEELAND</b>								
51	Information .....	2	N	D	D	a	N	N
<b>BALANCE OF ALCONA COUNTY</b>								
51	Information .....	2	N	D	D	a	N	N
<b>BALANCE OF ALGER COUNTY</b>								
51	Information .....	2	N	D	D	a	N	N
<b>BALANCE OF ALLEGAN COUNTY</b>								
51	Information .....	13	N	D	D	b	N	N
<b>BALANCE OF ALPENA COUNTY</b>								
51	Information .....	6	N	1 095	281	44	N	N
<b>BALANCE OF ANTRIM COUNTY</b>								
51	Information .....	14	N	808	179	31	N	N
<b>BALANCE OF ARENAC COUNTY</b>								
51	Information .....	4	N	1 125	273	50	N	N
<b>BALANCE OF BARAGA COUNTY</b>								
51	Information .....	4	N	2 350	514	53	N	N
517	Telecommunications .....	3	N	D	D	b	N	N
<b>BALANCE OF BARRY COUNTY</b>								
51	Information .....	6	N	D	D	b	N	N
517	Telecommunications .....	2	N	D	D	a	N	N
<b>BALANCE OF BAY COUNTY</b>								
51	Information .....	7	N	D	D	c	N	N
517	Telecommunications .....	3	N	D	D	b	N	N
<b>BALANCE OF BENZIE COUNTY</b>								
51	Information .....	6	N	D	D	a	N	N
<b>BALANCE OF BERRIEN COUNTY</b>								
51	Information .....	21	N	D	D	e	N	N
<b>BALANCE OF BRANCH COUNTY</b>								
51	Information .....	7	N	1 292	367	55	N	N
<b>BALANCE OF CALHOUN COUNTY</b>								
51	Information .....	9	N	D	D	b	N	N

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							From administrative records <sup>1</sup>	Estimated <sup>2</sup>
<b>51</b>	<b>BALANCE OF CASS COUNTY</b>							
	Information .....	8	N	D	D	b	N	N
<b>51</b>	<b>BALANCE OF CHARLEVOIX COUNTY</b>							
	Information .....	3	N	D	D	a	N	N
<b>51</b>	<b>BALANCE OF CHEBOYGAN COUNTY</b>							
	Information .....	9	N	886	223	47	N	N
<b>51</b>	<b>BALANCE OF CHIPPEWA COUNTY</b>							
	Information .....	4	N	1 258	291	42	N	N
<b>51</b>	<b>BALANCE OF CLARE COUNTY</b>							
	Information .....	3	N	D	D	a	N	N
<b>51</b>	<b>BALANCE OF CLINTON COUNTY</b>							
	Information .....	10	N	D	D	b	N	N
<b>51</b>	<b>BALANCE OF CRAWFORD COUNTY</b>							
	Information .....	7	N	539	131	18	N	N
<b>51</b>	<b>BALANCE OF DELTA COUNTY</b>							
	Information .....	2	N	D	D	a	N	N
<b>51</b>	<b>BALANCE OF DICKINSON COUNTY</b>							
	Information .....	1	N	D	D	b	N	N
512	Motion picture and sound recording industries .....	1	N	D	D	b	N	N
5121	Motion picture and video industries .....	1	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
<b>51</b>	<b>BALANCE OF EATON COUNTY</b>							
	Information .....	6	N	D	D	b	N	N
517	Telecommunications .....	2	N	D	D	b	N	N
<b>51</b>	<b>BALANCE OF EMMET COUNTY</b>							
	Information .....	11	N	3 681	972	115	N	N
<b>51</b>	<b>BALANCE OF GENESEE COUNTY</b>							
	Information .....	7	N	D	D	b	N	N
<b>51</b>	<b>BALANCE OF GLADWIN COUNTY</b>							
	Information .....	4	N	D	D	b	N	N
512	Motion picture and sound recording industries .....	2	N	D	D	b	N	N
5121	Motion picture and video industries .....	2	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
<b>51</b>	<b>BALANCE OF GRAND TRAVERSE COUNTY</b>							
	Information .....	18	N	1 846	427	76	N	N
<b>51</b>	<b>BALANCE OF GRATIOT COUNTY</b>							
	Information .....	3	N	D	D	b	N	N
<b>51</b>	<b>BALANCE OF HILLSDALE COUNTY</b>							
	Information .....	4	N	1 007	231	38	N	N
<b>51</b>	<b>BALANCE OF HOUGHTON COUNTY</b>							
	Information .....	5	N	D	D	b	N	N
<b>51</b>	<b>BALANCE OF HURON COUNTY</b>							
	Information .....	16	N	6 071	1 507	156	N	N
517	Telecommunications .....	12	N	D	D	b	N	N
<b>51</b>	<b>BALANCE OF INGHAM COUNTY</b>							
	Information .....	29	N	D	D	f	N	N
511	Publishing industries (except Internet) .....	9	D	D	D	e	D	D
5112	Software publishers .....	3	D	D	D	c	D	D
51121	Software publishers .....	3	D	D	D	c	D	D
511210	Software publishers .....	3	D	D	D	c	D	D
517	Telecommunications .....	14	N	D	D	c	N	N
<b>51</b>	<b>BALANCE OF IONIA COUNTY</b>							
	Information .....	5	N	D	D	a	N	N

See footnotes at end of table.

**Table 4. Summary Statistics for Places: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas, see Appendix D. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>BALANCE OF IOSCO COUNTY</b>							
51	Information .....	6	N	D	D	b	N	N
	<b>BALANCE OF IRON COUNTY</b>							
51	Information .....	7	N	468	99	19	N	N
	<b>BALANCE OF ISABELLA COUNTY</b>							
51	Information .....	11	N	D	D	c	N	N
512	Motion picture and sound recording industries .....	1	N	D	D	b	N	N
5121	Motion picture and video industries .....	1	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	1	D	D	D	b	D	D
517	Telecommunications .....	6	N	D	D	c	N	N
	<b>BALANCE OF JACKSON COUNTY</b>							
51	Information .....	11	N	D	D	c	N	N
	<b>BALANCE OF KALAMAZOO COUNTY</b>							
51	Information .....	17	N	D	D	c	N	N
517	Telecommunications .....	9	N	D	D	b	N	N
	<b>BALANCE OF KALKASKA COUNTY</b>							
51	Information .....	6	N	D	D	b	N	N
	<b>BALANCE OF KENT COUNTY</b>							
51	Information .....	18	N	D	D	e	N	N
511	Publishing industries (except Internet) .....	5	D	D	D	c	D	D
5111	Newspaper, periodical, book, and directory publishers .....	3	D	D	D	c	D	D
517	Telecommunications .....	5	N	D	D	b	N	N
518	Internet service providers, web search portals, and data processing services .....	5	D	D	D	b	D	D
	<b>BALANCE OF LAKE COUNTY</b>							
51	Information .....	2	N	D	D	a	N	N
	<b>BALANCE OF LAPEER COUNTY</b>							
51	Information .....	8	N	D	D	b	N	N
	<b>BALANCE OF LEELANAU COUNTY</b>							
51	Information .....	4	N	D	D	b	N	N
	<b>BALANCE OF LENAWEE COUNTY</b>							
51	Information .....	13	N	D	D	b	N	N
	<b>BALANCE OF LIVINGSTON COUNTY</b>							
51	Information .....	7	N	D	D	b	N	N
	<b>BALANCE OF LUCE COUNTY</b>							
51	Information .....	1	N	D	D	a	N	N
	<b>BALANCE OF MACKINAC COUNTY</b>							
51	Information .....	3	N	D	D	a	N	N
	<b>BALANCE OF MACOMB COUNTY</b>							
51	Information .....	5	N	D	D	b	N	N
	<b>BALANCE OF MANISTEE COUNTY</b>							
51	Information .....	2	N	D	D	b	N	N
	<b>BALANCE OF MARQUETTE COUNTY</b>							
51	Information .....	6	N	D	D	c	N	N
517	Telecommunications .....	5	N	D	D	c	N	N
	<b>BALANCE OF MASON COUNTY</b>							
51	Information .....	8	N	1 771	463	78	N	N
	<b>BALANCE OF MECOSTA COUNTY</b>							
51	Information .....	6	N	D	D	b	N	N
	<b>BALANCE OF MENOMINEE COUNTY</b>							
51	Information .....	4	N	D	D	b	N	N
517	Telecommunications .....	2	N	D	D	b	N	N

See footnotes at end of table.

**Table 4. Summary Statistics for Places: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas, see Appendix D. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	<b>BALANCE OF MIDLAND COUNTY</b>							
51	Information .....	3	N	D	D	b	N	N
	<b>BALANCE OF MISSAUKEE COUNTY</b>							
51	Information .....	2	N	D	D	a	N	N
	<b>BALANCE OF MONROE COUNTY</b>							
51	Information .....	4	N	D	D	b	N	N
	<b>BALANCE OF MONTCALM COUNTY</b>							
51	Information .....	11	N	1 034	277	34	N	N
	<b>BALANCE OF MONTMORENCY COUNTY</b>							
51	Information .....	4	N	D	D	b	N	N
	<b>BALANCE OF MUSKEGON COUNTY</b>							
51	Information .....	5	N	D	D	b	N	N
	<b>BALANCE OF NEWAYGO COUNTY</b>							
51	Information .....	6	N	857	234	32	N	N
	<b>BALANCE OF OAKLAND COUNTY</b>							
51	Information .....	26	N	D	D	f	N	N
512	Motion picture and sound recording industries .....	2	N	D	D	a	N	N
5122	Sound recording industries .....	1	N	D	D	a	N	N
515	Broadcasting (except Internet) .....	2	D	D	D	c	D	D
5151	Radio and television broadcasting .....	2	D	D	D	c	D	D
51511	Radio broadcasting .....	2	D	D	D	c	D	D
515112	Radio stations .....	1	D	D	D	c	D	D
517	Telecommunications .....	7	N	D	D	c	N	N
518	Internet service providers, web search portals, and data processing services .....	6	D	D	D	c	D	D
5182	Data processing, hosting, and related services .....	5	D	D	D	c	D	D
51821	Data processing, hosting, and related services .....	5	D	D	D	c	D	D
518210	Data processing, hosting, and related services .....	5	D	D	D	c	D	D
	<b>BALANCE OF OCEANA COUNTY</b>							
51	Information .....	7	N	878	227	47	N	N
	<b>BALANCE OF OGEMAW COUNTY</b>							
51	Information .....	7	N	2 176	546	73	N	N
	<b>BALANCE OF ONTONAGON COUNTY</b>							
51	Information .....	5	N	848	184	32	N	N
	<b>BALANCE OF OSCEOLA COUNTY</b>							
51	Information .....	7	N	D	D	c	N	N
515	Broadcasting (except Internet) .....	1	D	D	D	c	D	D
5151	Radio and television broadcasting .....	1	D	D	D	c	D	D
	<b>BALANCE OF OSCODA COUNTY</b>							
51	Information .....	4	N	D	D	a	N	N
	<b>BALANCE OF OTSEGO COUNTY</b>							
51	Information .....	3	N	D	D	b	N	N
	<b>BALANCE OF OTTAWA COUNTY</b>							
51	Information .....	8	N	D	D	a	N	N
	<b>BALANCE OF PRESQUE ISLE COUNTY</b>							
51	Information .....	2	N	D	D	a	N	N
	<b>BALANCE OF ROSCOMMON COUNTY</b>							
51	Information .....	13	N	1 828	476	70	N	N

See footnotes at end of table.

**Table 4. Summary Statistics for Places: 2002—Con.**

[Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For information on geographic areas, see Appendix D. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. Table 2 of the United States Geographic Area Series report presents data on enterprise support establishments that are included in the 2002 data. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

NAICS code	Geographic area and kind of business	Estab- lishments (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 admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
<b>BALANCE OF SAGINAW COUNTY</b>								
51	Information .....	16	N	D	D	c	N	N
512	Motion picture and sound recording industries .....	3	N	D	D	b	N	N
5121	Motion picture and video industries .....	3	N	D	D	b	N	N
51213	Motion picture and video exhibition .....	2	D	D	D	b	D	D
515	Broadcasting (except Internet) .....	2	D	D	D	b	D	D
5151	Radio and television broadcasting .....	2	D	D	D	b	D	D
517	Telecommunications .....	5	N	D	D	b	N	N
<b>BALANCE OF ST. CLAIR COUNTY</b>								
51	Information .....	12	N	D	D	b	N	N
<b>BALANCE OF ST. JOSEPH COUNTY</b>								
51	Information .....	9	N	D	D	a	N	N
<b>BALANCE OF SANILAC COUNTY</b>								
51	Information .....	12	N	D	D	b	N	N
<b>BALANCE OF SCHOOLCRAFT COUNTY</b>								
51	Information .....	1	N	D	D	a	N	N
<b>BALANCE OF SHIAWASSEE COUNTY</b>								
51	Information .....	6	N	D	D	b	N	N
<b>BALANCE OF TUSCOLA COUNTY</b>								
51	Information .....	9	N	D	D	b	N	N
<b>BALANCE OF VAN BUREN COUNTY</b>								
51	Information .....	12	N	D	D	b	N	N
<b>BALANCE OF WASHTENAW COUNTY</b>								
51	Information .....	21	N	D	D	c	N	N
517	Telecommunications .....	6	N	D	D	b	N	N
<b>BALANCE OF WEXFORD COUNTY</b>								
51	Information .....	5	N	D	D	b	N	N

<sup>1</sup>Includes receipts information obtained from administrative records of other federal agencies.

<sup>2</sup>Includes receipts information that was imputed based on historic data, administrative data, industry averages, or other statistical methods.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

# Appendix A.

## Explanation of Terms

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### **ANNUAL PAYROLL**

Payroll includes all forms of compensation such as salaries, wages, commissions, dismissal pay, bonuses, vacation allowances, sick-leave pay, and employee contributions to qualified pension plans paid during the year to all employees and reported on Internal Revenue Service (IRS) Form 941 as taxable Medicare Wages and tips (even if not subject to income or FICA tax). Also included are tips and gratuities received by employees from patrons and reported to employers. 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 members of professional service organizations or associations that 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; payments to or withdrawals by proprietors or partners of an unincorporated company; and annuities or supplemental unemployment compensation benefits, even if income tax was withheld. 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 IRS on Form 941.

### **ESTABLISHMENTS**

An establishment is a single physical location at which business is conducted and/or services are provided. It is not necessarily identical to 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 2002.

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.

Leased service departments (separately owned businesses operated as departments or concessions of other service establishments or of retail businesses, such as a separately owned shoe-shine 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.

### **FIRST-QUARTER PAYROLL**

Represents payroll paid to persons employed at any time during the quarter January to March 2002.

### **PAID EMPLOYEES FOR PAY PERIOD INCLUDING MARCH 12**

Paid employees consist of full- 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 salaried members of professional service organizations or associations that operate under state professional corporation statutes and file corporate federal income tax returns. Not included are proprietors and partners of

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unincorporated businesses; employees of departments or concessions operated by other companies at the establishment; full- and part-time leased employees whose payroll was filed under an employee leasing company's Employer Identification Number (EIN); and temporary staffing obtained from a staffing service. The definition of paid employees is the same as that used by the Internal Revenue Service (IRS) on Form 941.

## **RECEIPTS**

Includes gross receipts from customers or clients for services provided, from the use of facilities, and from merchandise sold during 2002, whether or not payment was received in 2002. Receipts include royalties, license fees, and other payments from the marketing of intangible products (e.g., licensing the use of or granting reproduction rights for software, musical compositions, and other intellectual property). Receipts also include the rental and leasing of vehicles, equipment, instruments, tools, etc.; total value of service contracts; market value of compensation received in lieu of cash; amounts received for work subcontracted to others; dues and assessments from members and affiliates; this establishment's share of receipts from departments, concessions, and vending and amusement machines operated by others. Sales to and receipts from foreign parent firms, subsidiaries, and branches are included. Receipts also include advertising sales, and sales of goods and services marketed through sales offices. For public broadcast stations and libraries, receipts include contributions, gifts, grants, and income from interest, rental of real estate, and dividends.

Receipts do not include sales and other taxes (including Hawaii's General Excise Tax) collected directly from customers or clients and paid directly to a local, state, or federal tax agency. Also excluded are gross receipts collected on behalf of others; gross receipts from departments or concessions operated by others; sales of used equipment previously rented or leased to customers; proceeds from the sale of real estate (land and buildings), investments, or other assets (except inventory held for resale); contributions, gifts, grants, and income from interest, rental of real estate, and dividends, EXCEPT for public broadcast stations and libraries; domestic intracompany transfers; receipts of foreign parent firms and subsidiaries; and other nonoperating income (e.g., franchise fees).



# Appendix B.

## NAICS Codes, Titles, and Descriptions

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### 51 INFORMATION

The Information sector comprises establishments engaged in the following processes: (a) producing and distributing information and cultural products, (b) providing the means to transmit or distribute these products as well as data or communications, and (c) processing data.

The main components of this sector are the publishing industries, including software publishing, and both traditional publishing and publishing exclusively on the Internet; the motion picture and sound recording industries; the broadcasting industries, including traditional broadcasting and those broadcasting exclusively over the Internet; the telecommunications industries; the industries known as Internet service providers and Web search portals, data processing industries and the information services industries.

The expressions “information age” and “global information economy” are used with considerable frequency today. The general idea of an “information economy” includes both the notion of industries primarily producing, processing, and distributing information, as well as the idea that every industry is using available information and information technology to reorganize and make themselves more productive.

For the purpose of developing NAICS, it is the transformation of information into a commodity that is produced and distributed by a number of growing industries that is at issue. The Information sector groups three types of establishments: (1) those engaged in producing and distributing information and cultural products; (2) those that provide the means to transmit or distribute these products as well as data or communications; and (3) those that process data. Cultural products are those that directly express attitudes, opinions, ideas, values, and artistic creativity; provide entertainment; or offer information and analysis concerning the past and present. Included in this definition are popular, mass-produced, products as well as cultural products that normally have a more limited audience, such as poetry books, literary magazines, or classical records.

The unique characteristics of information and cultural products, and of the processes involved in their production and distribution, distinguish the Information sector from the goods-producing and service-producing sectors. Some of these characteristics are:

1. Unlike traditional goods, an “information or cultural product,” such as a newspaper on-line or television program, does not necessarily have tangible qualities, nor is it necessarily associated with a particular form. A movie can be shown at a movie theater, on a television broadcast, through video-on-demand or rented at a local video store. A sound recording can be aired on radio, embedded in multimedia products, or sold at a record store.
2. Unlike traditional services, the delivery of these products does not require direct contact between the supplier and the consumer.
3. The value of these products to the consumer lies in their informational, educational, cultural, or entertainment content, not in the format in which they are distributed. Most of these products are protected from unlawful reproduction by copyright laws.
4. The intangible property aspect of information and cultural products makes the processes involved in their production and distribution very different from goods and services. Only those possessing the rights to these works are authorized to reproduce, alter, improve, and distribute them. Acquiring and using these rights often involves significant costs. In addition, technology is revolutionizing the distribution of these products. It is possible to distribute them in a physical form, via broadcast, or on-line.

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5. Distributors of information and cultural products can easily add value to the products they distribute. For instance, broadcasters add advertising not contained in the original product. This capacity means that unlike traditional distributors, they derive revenue not from sale of the distributed product to the final consumer, but from those who pay for the privilege of adding information to the original product. Similarly, a directory and mailing list publisher can acquire the rights to thousands of previously published newspaper and periodical articles and add new value by providing search and software and organizing the information in a way that facilitates research and retrieval. These products often command a much higher price than the original information.

The distribution modes for information commodities may either eliminate the necessity for traditional manufacture, or reverse the conventional order of manufacture-distribute: A newspaper distributed on-line, for example, can be printed locally or by the final consumer. Similarly, it is anticipated that packaged software, which today is mainly bought through the traditional retail channels, will soon be available mainly on-line. The NAICS Information sector is designed to make such economic changes transparent as they occur, or to facilitate designing surveys that will monitor the new phenomena and provide data to analyze the changes.

Many of the industries in the NAICS Information sector are engaged in producing products protected by copyright law, or in distributing them (other than distribution by traditional wholesale and retail methods). Examples are traditional publishing industries, software and directory and mailing list publishing industries, and film and sound industries. Broadcasting and telecommunications industries and information providers and processors are also included in the Information sector, because their technologies are so closely linked to other industries in the Information sector.

### **511 PUBLISHING INDUSTRIES (EXCEPT INTERNET)**

Industries in the Publishing Industries (except Internet) subsector group establishments engaged in the publishing of newspapers, magazines, other periodicals, and books, as well as directory and mailing list and software publishing. In general, these establishments, which are known as publishers, issue copies of works for which they usually possess copyright. Works may be in one or more formats including traditional print form, CD-ROM, or proprietary electronic networks. Publishers may publish works originally created by others for which they have obtained the rights and/or works that they have created in-house. Software publishing is included here because the activity, creation of a copyrighted product and bringing it to market, is equivalent to the creation process for other types of intellectual products.

In NAICS, publishing - the reporting, writing, editing, and other processes that are required to create an edition of a newspaper - is treated as a major economic activity in its own right, rather than as a subsidiary activity to a manufacturing activity, printing. Thus, publishing is classified in the Information sector; whereas printing remains in the NAICS Manufacturing sector. In part, the NAICS classification reflects the fact that publishing increasingly takes place in establishments that are physically separate from the associated printing establishments. More crucially, the NAICS classification of book and newspaper publishing is intended to portray their roles in a modern economy, in which they do not resemble manufacturing activities.

Music publishers are not included in the Publishing Industries (except Internet) subsector, but are included in the Motion Picture and Sound Recording Industries subsector. Reproduction of pre-packaged software is treated in NAICS as a manufacturing activity; on-line distribution of software products is in the Information sector, and custom design of software to client specifications is included in the Professional, Scientific, and Technical Services sector. These distinctions arise because of the different ways that software is created, reproduced, and distributed.

The Publishing Industries (except Internet) subsector does not include establishments that publish exclusively on the Internet. Establishments publishing exclusively on the Internet are included in Subsector 516, Internet Publishing and Broadcasting. The Publishing Industries (except Internet) subsector also excludes products, such as manifold business forms. Information is not the essential component of these items. Establishments producing these items are included in Subsector 323, Printing and Related Support Activities.

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## **5111 NEWSPAPER, PERIODICAL, BOOK, AND DIRECTORY PUBLISHERS**

This industry group comprises establishments primarily engaged in publishing newspapers, magazines, other periodicals, books, directories and mailing lists, and other works, such as calendars, greeting cards, and maps. These works are characterized by the intellectual creativity required in their development and are usually protected by copyright. Publishers distribute or arrange for the distribution of these works.

Publishing establishments may create the works in-house, contract for, purchase, or compile works that were originally created by others. These works may be published in one or more formats, such as print and/or electronic form, including proprietary electronic networks. Establishments in this industry may print, reproduce or offer direct access to the works themselves or may arrange with others to carry out such functions.

Establishments that both print and publish may fill excess capacity with commercial or job printing. However, the publishing activity is still considered to be the primary activity of these establishments.

### **51111 NEWSPAPER PUBLISHERS**

This industry comprises establishments known as newspaper publishers. Establishments in this industry carry out operations necessary for producing and distributing newspapers, including gathering news; writing news columns, feature stories, and editorials; and selling and preparing advertisements. These establishments may publish newspapers in print or electronic form.

#### **511110 NEWSPAPER PUBLISHERS**

This industry comprises establishments known as newspaper publishers. Establishments in this industry carry out operations necessary for producing and distributing newspapers, including gathering news; writing news columns, feature stories, and editorials; and selling and preparing advertisements. These establishments may publish newspapers in print or electronic form.

#### **51112 PERIODICAL PUBLISHERS**

This industry comprises establishments known as magazine or periodical publishers. These establishments carry out the operations necessary for producing and distributing magazines and other periodicals, such as gathering, writing, and editing articles, and selling and preparing advertisements. These establishments may publish magazines and other periodicals in print or electronic form.

#### **511120 PERIODICAL PUBLISHERS**

This industry comprises establishments known as magazine or periodical publishers. These establishments carry out the operations necessary for producing and distributing magazines and other periodicals, such as gathering, writing, and editing articles, and selling and preparing advertisements. These establishments may publish magazines and other periodicals in print or electronic form.

#### **51113 BOOK PUBLISHERS**

This industry comprises establishments known as book publishers. Establishments in this industry carry out design, editing, and marketing activities necessary for producing and distributing books. These establishments may publish books in print, electronic, or audio form.

#### **511130 BOOK PUBLISHERS**

This industry comprises establishments known as book publishers. Establishments in this industry carry out design, editing, and marketing activities necessary for producing and distributing books. These establishments may publish books in print, electronic, or audio form.

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### **51114 DIRECTORY AND MAILING LIST PUBLISHERS**

This industry comprises establishments primarily engaged in publishing directories, mailing lists, and collections or compilations of fact. The products are typically protected in their selection, arrangement and/or presentation. Examples are lists of mailing addresses, telephone directories, directories of businesses, collections or compilations of proprietary drugs or legal case results, compilations of public records, etc. These establishments may publish directories and mailing lists in print or electronic form.

### **51140 DIRECTORY AND MAILING LIST PUBLISHERS**

This industry comprises establishments primarily engaged in publishing directories, mailing lists, and collections or compilations of fact. The products are typically protected in their selection, arrangement and/or presentation. Examples are lists of mailing addresses, telephone directories, directories of businesses, collections or compilations of proprietary drugs or legal case results, compilations of public records, etc. These establishments may publish directories and mailing lists in print or electronic form.

### **51119 OTHER PUBLISHERS**

This industry comprises establishments known as publishers (except newspaper, magazine, book, directory, mailing list, and music publishers). These establishments may publish works in print or electronic form.

### **51191 GREETING CARD PUBLISHERS**

This industry comprises establishments primarily engaged in publishing greeting cards.

### **51199 ALL OTHER PUBLISHERS**

This industry comprises establishments generally known as publishers (except newspaper, magazine, book, directory, database, music, and greeting card publishers). These establishments may publish works in print or electronic form.

### **5112 SOFTWARE PUBLISHERS**

This industry comprises establishments primarily engaged in computer software publishing or publishing and reproduction. Establishments in this industry carry out operations necessary for producing and distributing computer software, such as designing, providing documentation, assisting in installation, and providing support services to software purchasers. These establishments may design, develop, and publish, or publish only.

### **51121 SOFTWARE PUBLISHERS**

This industry comprises establishments primarily engaged in computer software publishing or publishing and reproduction. Establishments in this industry carry out operations necessary for producing and distributing computer software, such as designing, providing documentation, assisting in installation, and providing support services to software purchasers. These establishments may design, develop, and publish, or publish only.

### **511210 SOFTWARE PUBLISHERS**

This industry comprises establishments primarily engaged in computer software publishing or publishing and reproduction. Establishments in this industry carry out operations necessary for producing and distributing computer software, such as designing, providing documentation, assisting in installation, and providing support services to software purchasers. These establishments may design, develop, and publish, or publish only.

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## **512 MOTION PICTURE AND SOUND RECORDING INDUSTRIES**

Industries in the Motion Picture and Sound Recording Industries subsector group establishments involved in the production and distribution of motion pictures and sound recordings. While producers and distributors of motion pictures and sound recordings issue works for sale as traditional publishers do, the processes are sufficiently different to warrant placing establishments engaged in these activities in a separate subsector. Production is typically a complex process that involves several distinct types of establishments that are engaged in activities, such as contracting with performers, creating the film or sound content, and providing technical postproduction services. Film distribution is often to exhibitors, such as theaters and broadcasters, rather than through the wholesale and retail distribution chain. When the product is in a mass-produced form, NAICS treats production and distribution as the major economic activity as it does in the Publishing Industries subsector, rather than as a subsidiary activity to the manufacture of such products.

This subsector does not include establishments primarily engaged in the wholesale distribution of video cassettes and sound recordings, such as compact discs and audio tapes; these establishments are included in the Wholesale Trade sector. Reproduction of video cassettes and sound recordings that is carried out separately from establishments engaged in production and distribution is treated in NAICS as a manufacturing activity.

### **5121 MOTION PICTURE AND VIDEO INDUSTRIES**

This industry group comprises establishments primarily engaged in the production and/or distribution of motion pictures, videos, television programs, or commercials; in the exhibition of motion pictures; or in the provision of postproduction and related services.

#### **51211 MOTION PICTURE AND VIDEO PRODUCTION**

This industry comprises establishments primarily engaged in producing, or producing and distributing motion pictures, videos, television programs, or television commercials.

##### **512110 MOTION PICTURE AND VIDEO PRODUCTION**

This industry comprises establishments primarily engaged in producing, or producing and distributing motion pictures, videos, television programs, or television commercials.

##### **51212 MOTION PICTURE AND VIDEO DISTRIBUTION**

This industry comprises establishments primarily engaged in acquiring distribution rights and distributing film and video productions to motion picture theaters, television networks and stations, and exhibitors.

##### **512120 MOTION PICTURE AND VIDEO DISTRIBUTION**

This industry comprises establishments primarily engaged in acquiring distribution rights and distributing film and video productions to motion picture theaters, television networks and stations, and exhibitors.

##### **51213 MOTION PICTURE AND VIDEO EXHIBITION**

This industry comprises establishments primarily engaged in operating motion picture theaters and/or exhibiting motion pictures or videos at film festivals, and so forth.

##### **512131 MOTION PICTURE THEATERS (EXCEPT DRIVE-INS)**

This industry comprises establishments primarily engaged in operating motion picture theaters (except drive-ins) and/or exhibiting motion pictures or videos at film festivals, and so forth.

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### **512132 DRIVE-IN MOTION PICTURE THEATERS**

This industry comprises establishments primarily engaged in operating drive-in motion picture theaters.

### **51219 POSTPRODUCTION SERVICES AND OTHER MOTION PICTURE AND VIDEO INDUSTRIES**

This industry comprises establishments primarily engaged in providing postproduction services and other services to the motion picture industry, including specialized motion picture or video postproduction services, such as editing, film/tape transfers, titling, subtitling, credits, closed captioning, and computer-produced graphics, animation and special effects, as well as developing and processing motion picture film.

### **512191 TELEPRODUCTION AND OTHER POSTPRODUCTION SERVICES**

This industry comprises establishments primarily engaged in providing specialized motion picture or video postproduction services, such as editing, film/tape transfers, subtitling, credits, closed captioning, and animation and special effects.

### **512199 OTHER MOTION PICTURE AND VIDEO INDUSTRIES**

This industry comprises establishments primarily engaged in providing motion picture and video services (except motion picture and video production, distribution, exhibition, and teleproduction and other postproduction services).

### **5122 SOUND RECORDING INDUSTRIES**

This industry group comprises establishments primarily engaged in producing and distributing musical recordings, in publishing music, or in providing sound recording and related services.

### **51221 RECORD PRODUCTION**

This industry comprises establishments primarily engaged in record production (e.g., tapes, CDs). These establishments contract with artists and arrange and finance the production of original master recordings. Establishments in this industry hold the copyright to the master recording and derive most of their revenues from the sales, leasing, and licensing of master recordings. Establishments in this industry do not have their own duplication or distribution capabilities.

### **512210 RECORD PRODUCTION**

This industry comprises establishments primarily engaged in record production (e.g., tapes, CDs). These establishments contract with artists and arrange and finance the production of original master recordings. Establishments in this industry hold the copyright to the master recording and derive most of their revenues from the sales, leasing, and licensing of master recordings. Establishments in this industry do not have their own duplication or distribution capabilities.

### **51222 INTEGRATED RECORD PRODUCTION/DISTRIBUTION**

This industry comprises establishments primarily engaged in releasing, promoting, and distributing sound recordings. These establishments manufacture or arrange for the manufacture of recordings, such as audio tapes/cassettes and compact discs, and promote and distribute these products to wholesalers, retailers, or directly to the public. Establishments in this industry produce master recordings themselves, or obtain reproduction and distribution rights to master recordings produced by record production companies or other integrated record companies.

### **512220 INTEGRATED RECORD PRODUCTION/DISTRIBUTION**

This industry comprises establishments primarily engaged in releasing, promoting, and distributing sound recordings. These establishments manufacture or arrange for the manufacture of recordings, such as audio tapes/cassettes and compact discs, and promote and distribute these

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products to wholesalers, retailers, or directly to the public. Establishments in this industry produce master recordings themselves, or obtain reproduction and distribution rights to master recordings produced by record production companies or other integrated record companies.

### **51223 MUSIC PUBLISHERS**

This industry comprises establishments primarily engaged in acquiring and registering copyrights for musical compositions in accordance with law and promoting and authorizing the use of these compositions in recordings, radio, television, motion pictures, live performances, print, or other media. Establishments in this industry represent the interests of the songwriter or other owners of musical compositions to produce revenues from the use of such works, generally through licensing agreements. These establishments may own the copyright or act as administrator of the music copyrights on behalf of copyright owners. Publishers of music books and sheet music are included in this industry.

### **512230 MUSIC PUBLISHERS**

This industry comprises establishments primarily engaged in acquiring and registering copyrights for musical compositions in accordance with law and promoting and authorizing the use of these compositions in recordings, radio, television, motion pictures, live performances, print, or other media. Establishments in this industry represent the interests of the songwriter or other owners of musical compositions to produce revenues from the use of such works, generally through licensing agreements. These establishments may own the copyright or act as administrator of the music copyrights on behalf of copyright owners. Publishers of music books and sheet music are included in this industry.

### **51224 SOUND RECORDING STUDIOS**

This industry comprises establishments primarily engaged in providing the facilities and technical expertise for sound recording in a studio. This industry includes establishments that provide audio production and postproduction services to produce master recordings. These establishments may provide audio services for film, television, and video productions.

### **512240 SOUND RECORDING STUDIOS**

This industry comprises establishments primarily engaged in providing the facilities and technical expertise for sound recording in a studio. This industry includes establishments that provide audio production and postproduction services to produce master recordings. These establishments may provide audio services for film, television, and video productions.

### **51229 OTHER SOUND RECORDING INDUSTRIES**

This industry comprises establishments primarily engaged in providing sound recording services (except record production, distribution, music publishing, and sound recording in a studio). Establishments in this industry provide services, such as the audio recording of meetings and conferences.

### **512290 OTHER SOUND RECORDING INDUSTRIES**

This industry comprises establishments primarily engaged in providing sound recording services (except record production, distribution, music publishing, and sound recording in a studio). Establishments in this industry provide services, such as the audio recording of meetings and conferences.

### **5122902 PRODUCERS OF TAPED RADIO PROGRAMS**

Establishments primarily engaged in producing taped radio shows.



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## **5122909 ALL OTHER SOUND RECORDING INDUSTRIES**

Establishments primarily engaged in providing other sound recording services not specifically provided for elsewhere. These establishments provide services, such as audio recording of meetings and conferences, recording books onto tapes, maintaining stock music for the media and other commercial users.

## **515 BROADCASTING (EXCEPT INTERNET)**

Industries in the Broadcasting (except Internet) subsector include establishments that create content or acquire the right to distribute content and subsequently broadcast the content. The industry groups (Radio and Television Broadcasting and Cable and Other Subscription Programming) are based on differences in the methods of communication and the nature of services provided. The Radio and Television Broadcasting industry group includes establishments that operate broadcasting studios and facilities for over the air or satellite delivery of radio and television programs of entertainment, news, talk, and the like. These establishments are often engaged in production and purchase of programs and generating revenues from the sale of air time to advertisers and from donations, subsidies, and/or the sale of programs. The Cable and Other Subscription Programming industry group includes establishments operating studios and facilities for the broadcasting of programs that are typically narrowcast in nature (limited format, such as news, sports, education, and youth-oriented programming) on a subscription or fee basis.

The distribution of cable and other subscription programming is included in Subsector 517, Telecommunications. Establishments that broadcast exclusively on the Internet are included in Subsector 516, Internet Publishing and Broadcasting.

## **5151 RADIO AND TELEVISION BROADCASTING**

This industry group comprises establishments primarily engaged in operating broadcast studios and facilities for over-the-air or satellite delivery of radio and television programs. These establishments are often engaged in the production or purchase of programs or generate revenues from the sale of air time to advertisers, from donations and subsidies, or from the sale of programs.

### **51511 RADIO BROADCASTING**

This industry comprises establishments primarily engaged in broadcasting audio signals. These establishments operate radio broadcasting studios and facilities for the transmission of aural programming by radio to the public, to affiliates, or to subscribers. The radio programs may include entertainment, news, talk shows, business data, or religious services.

#### **515111 RADIO NETWORKS**

This industry comprises establishments primarily engaged in assembling and transmitting aural programming to their affiliates or subscribers via over-the-air broadcasts, cable, or satellite. The programming covers a wide variety of material, such as news services, religious programming, weather, sports, or music.

#### **515112 RADIO STATIONS**

This industry comprises establishments primarily engaged in broadcasting aural programs by radio to the public. Programming may originate in their own studio, from an affiliated network, or from external sources.

### **51512 TELEVISION BROADCASTING**

This industry comprises establishments primarily engaged in broadcasting images together with sound. These establishments operate television broadcasting studios and facilities for the programming and transmission of programs to the public. These establishments also produce or



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transmit visual programming to affiliated broadcast television stations, which in turn broadcast the programs to the public on a predetermined schedule. Programming may originate in their own studios, from an affiliated network, or from external sources.

### **515120 TELEVISION BROADCASTING**

This industry comprises establishments primarily engaged in broadcasting images together with sound. These establishments operate television broadcasting studios and facilities for the programming and transmission of programs to the public. These establishments also produce or transmit visual programming to affiliated broadcast television stations, which in turn broadcast the programs to the public on a predetermined schedule. Programming may originate in their own studios, from an affiliated network, or from external sources.

### **5152 CABLE AND OTHER SUBSCRIPTION PROGRAMMING**

This industry group comprises establishments primarily engaged in operating studios and facilities for the broadcasting of programs on a subscription or fee basis. The broadcast programming is typically narrowcast in nature (e.g., limited format, such as news, sports, education, or youth-oriented). These establishments produce programming in their own facilities or acquire programming from external sources. The programming material is usually delivered to a third party, such as cable systems or direct-to-home satellite systems, for transmission to viewers.

### **51521 CABLE AND OTHER SUBSCRIPTION PROGRAMMING**

This industry group comprises establishments primarily engaged in operating studios and facilities for the broadcasting of programs on a subscription or fee basis. The broadcast programming is typically narrowcast in nature (e.g., limited format, such as news, sports, education, or youth-oriented). These establishments produce programming in their own facilities or acquire programming from external sources. The programming material is usually delivered to a third party, such as cable systems or direct-to-home satellite systems, for transmission to viewers.

### **515210 CABLE AND OTHER SUBSCRIPTION PROGRAMMING**

This industry group comprises establishments primarily engaged in operating studios and facilities for the broadcasting of programs on a subscription or fee basis. The broadcast programming is typically narrowcast in nature (e.g., limited format, such as news, sports, education, or youth-oriented). These establishments produce programming in their own facilities or acquire programming from external sources. The programming material is usually delivered to a third party, such as cable systems or direct-to-home satellite systems, for transmission to viewers.

### **516 INTERNET PUBLISHING AND BROADCASTING**

Industries in the Internet Publishing and Broadcasting subsector group establishments that publish and/or broadcast content exclusively for the Internet. The unique combination of text, audio, video, and interactive features present in informational or cultural products on the Internet justifies the separation of Internet publishers and broadcasters from more traditional publishers included in subsector 511, Publishing Industries (except Internet) and subsector 515, Broadcasting (except Internet).

### **5161 INTERNET PUBLISHING AND BROADCASTING**

This industry comprises establishments engaged in publishing and/or broadcasting content on the Internet exclusively. These establishments do not provide traditional (non-Internet) versions of the content that they publish or broadcast. Establishments in this industry provide textual, audio, and/or video content of general or specific interest on the Internet.

### **51611 INTERNET PUBLISHING AND BROADCASTING**

This industry comprises establishments engaged in publishing and/or broadcasting content on the Internet exclusively. These establishments do not provide traditional (non-Internet) versions of the content that they publish or broadcast. Establishments in this industry provide textual, audio, and/or video content of general or specific interest on the Internet.

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## **516110 INTERNET PUBLISHING AND BROADCASTING**

This industry comprises establishments engaged in publishing and/or broadcasting content on the Internet exclusively. These establishments do not provide traditional (non-Internet) versions of the content that they publish or broadcast. Establishments in this industry provide textual, audio, and/or video content of general or specific interest on the Internet.

## **517 TELECOMMUNICATIONS**

Industries in the Telecommunications subsector include establishments providing telecommunications and the services related to that activity. The Telecommunications subsector is primarily engaged in operating, maintaining, and/or providing access to facilities for the transmission of voice, data, text, sound, and video. A transmission facility may be based on a single technology or a combination of technologies. Establishments primarily engaged as independent contractors in the maintenance and installation of broadcasting and telecommunications systems are classified in Sector 23, Construction.

### **5171 WIRED TELECOMMUNICATIONS CARRIERS**

This industry group comprises establishments primarily engaged in operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound, and video using wired telecommunications networks. Transmission facilities may be based on a single technology or a combination of technologies.

#### **51711 WIRED TELECOMMUNICATIONS CARRIERS**

This industry comprises establishments engaged in (1) operating and maintaining switching and transmission facilities to provide direct communications via landlines, microwave, or a combination of landlines and satellite linkups or (2) furnishing telegraph and other nonvocal communications using their own facilities.

##### **517110 WIRED TELECOMMUNICATIONS CARRIERS**

This industry comprises establishments engaged in (1) operating and maintaining switching and transmission facilities to provide direct communications via landlines, microwave, or a combination of landlines and satellite linkups or (2) furnishing telegraph and other nonvocal communications using their own facilities.

##### **5172 WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE)**

This industry comprises establishments primarily engaged in operating and maintaining or providing access to facilities for the transmission of voice, data, text, sound, and video using wireless telecommunications networks. Transmission facilities may be based on a single technology or a combination of technologies.

##### **51721 WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE)**

This industry comprises establishments primarily engaged in operating and maintaining switching and transmission facilities that provide omni-directional communications via airwaves. Included in this industry are establishments providing wireless telecommunications network services, such as cellular telephone or paging services.

###### **517211 PAGING**

This industry comprises establishments primarily engaged in operating paging networks. The establishments of this industry may also supply and maintain equipment used to receive signals.

###### **517212 CELLULAR AND OTHER WIRELESS TELECOMMUNICATIONS**

This industry comprises establishments primarily engaged in operating cellular telecommunications and other wireless telecommunications networks (except paging).

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### **5173 TELECOMMUNICATIONS RESELLERS**

This industry comprises establishments primarily engaged in purchasing access and network capacity from owners and operators of the networks and reselling wired and wireless telecommunications services to businesses and households. Establishments in this industry resell telecommunications; they do not operate and maintain telecommunications switching and transmission facilities.

### **51731 TELECOMMUNICATIONS RESELLERS**

This industry comprises establishments primarily engaged in purchasing access and network capacity from owners and operators of the networks and reselling wired and wireless telecommunications services to businesses and households. Establishments in this industry resell telecommunications; they do not operate and maintain telecommunications switching and transmission facilities.

### **517310 TELECOMMUNICATIONS RESELLERS**

This industry comprises establishments primarily engaged in purchasing access and network capacity from owners and operators of the networks and reselling wired and wireless telecommunications services to businesses and households. Establishments in this industry resell telecommunications; they do not operate and maintain telecommunications switching and transmission facilities.

### **5174 SATELLITE TELECOMMUNICATIONS**

This industry comprises establishments primarily engaged in providing point-to-point telecommunications services to other establishments in the telecommunications and broadcasting industries by forwarding and receiving communications signals via a system of satellites or reselling satellite telecommunications.

### **51741 SATELLITE TELECOMMUNICATIONS**

This industry comprises establishments primarily engaged in providing point-to-point telecommunications services to other establishments in the telecommunications and broadcasting industries by forwarding and receiving communications signals via a system of satellites or reselling satellite telecommunications.

### **517410 SATELLITE TELECOMMUNICATIONS**

This industry comprises establishments primarily engaged in providing point-to-point telecommunications services to other establishments in the telecommunications and broadcasting industries by forwarding and receiving communications signals via a system of satellites or reselling satellite telecommunications.

### **5175 CABLE AND OTHER PROGRAM DISTRIBUTION**

This industry comprises establishments primarily engaged as third-party distribution systems for broadcast programming. The establishments of this industry deliver visual, aural, or textual programming received from cable networks, local television stations, or radio networks to consumers via cable or direct-to-home satellite systems on a subscription or fee basis. These establishments do not generally originate programming material.

### **51751 CABLE AND OTHER PROGRAM DISTRIBUTION**

This industry comprises establishments primarily engaged as third-party distribution systems for broadcast programming. The establishments of this industry deliver visual, aural, or textual programming received from cable networks, local television stations, or radio networks to consumers via cable or direct-to-home satellite systems on a subscription or fee basis. These establishments do not generally originate programming material.

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## **517510 CABLE AND OTHER PROGRAM DISTRIBUTION**

This industry comprises establishments primarily engaged as third-party distribution systems for broadcast programming. The establishments of this industry deliver visual, aural, or textual programming received from cable networks, local television stations, or radio networks to consumers via cable or direct-to-home satellite systems on a subscription or fee basis. These establishments do not generally originate programming material.

## **5179 OTHER TELECOMMUNICATIONS**

This industry comprises establishments primarily engaged in providing specialized telecommunications applications, such as satellite tracking, communications telemetry, and radar station operations; or providing satellite terminal stations and associated facilities operationally connected with one or more terrestrial communications systems and capable of transmitting telecommunications to or receiving telecommunications from satellite systems.

## **51791 OTHER TELECOMMUNICATIONS**

This industry comprises establishments primarily engaged in providing specialized telecommunications applications, such as satellite tracking, communications telemetry, and radar station operations; or providing satellite terminal stations and associated facilities operationally connected with one or more terrestrial communications systems and capable of transmitting telecommunications to or receiving telecommunications from satellite systems.

## **517910 OTHER TELECOMMUNICATIONS**

This industry comprises establishments primarily engaged in providing specialized telecommunications applications, such as satellite tracking, communications telemetry, and radar station operations; or providing satellite terminal stations and associated facilities operationally connected with one or more terrestrial communications systems and capable of transmitting telecommunications to or receiving telecommunications from satellite systems.

## **518 INTERNET SERVICE PROVIDERS, WEB SEARCH PORTALS, AND DATA PROCESSING SERVICES**

Industries in the Internet Service Providers, Web Search Portals, and Data Processing Services subsector group establishments that provide: (1) access to the Internet; (2) search facilities for the Internet; and (3) data processing, hosting, and related services. The industry groups (Internet Service Providers and Web Search Portals, Data Processing Hosting, and Related Services) are based on differences in the processes used to access information and process information. The Internet Service Providers and Web Search Portals industry group includes establishments that are providing access to the Internet or aiding in navigation on the Internet. The Data Processing, Hosting, and Related Services industry group includes establishments that process data. These establishments can transform data, prepare data for dissemination, or place data or content on the Internet for others. In addition, the shared use of computer resources is included in the Data Processing, Hosting, and Related Services industry group.

Establishments that are publishing exclusively on the Internet are included in Subsector 516, Internet Publishing and Broadcasting and establishments that are retailing goods using the Internet are included in Sector 44-45, Retail Trade.

## **5181 INTERNET SERVICE PROVIDERS AND WEB SEARCH PORTALS**

This industry comprises establishments known as Internet service providers or known as Web search portals. Establishments in this industry provide clients access to the Internet or operate Web sites that use a search engine to provide Internet search services. Establishments in this industry generally provide related services, such as Web hosting, Web page design, and related advice and assistance. Web search portals often provide additional Internet services, such as e-mail, connections to other Web sites, auctions, news, and other limited content, and serve as a home base for Internet users.

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## **51811 INTERNET SERVICE PROVIDERS AND WEB SEARCH PORTALS**

This industry comprises establishments known as Internet service providers or known as Web search portals. Establishments in this industry provide clients access to the Internet or operate Web sites that use a search engine to provide Internet search services. Establishments in this industry generally provide related services, such as Web hosting, Web page design, and related advice and assistance. Web search portals often provide additional Internet services, such as e-mail, connections to other Web sites, auctions, news, and other limited content, and serve as a home base for Internet users.

### **518111 INTERNET SERVICE PROVIDERS**

This industry comprises establishments known as Internet service providers. Establishments in this industry provide clients access to the Internet and generally provide related services such as Web hosting, Web page designing, and hardware or software consulting related to the Internet connectivity. Establishments in this industry may provide local, regional, or national coverage for clients or provide backbone services (except telecommunications carriers) for other Internet service providers. Internet service providers have the equipment and telecommunication network access required for a point-of-presence on the Internet.

### **518112 WEB SEARCH PORTALS**

This industry comprises establishments known as Web Search Portals. Establishments in this industry operate Web sites that use a search engine to generate and maintain extensive databases of Internet addresses and content in an easily searchable format. Web search portals often provide additional Internet services, such as e-mail, connections to other Web sites, auctions, news, and other limited content, and serve as a home base for Internet users.

## **5182 DATA PROCESSING, HOSTING, AND RELATED SERVICES**

This industry comprises establishments primarily engaged in providing infrastructure for hosting or data processing services. These establishments may provide specialized hosting activities, such as Web hosting, streaming services or application hosting, provide application service provisioning, or may provide general timeshare mainframe facilities to clients. Data processing establishments provide complete processing and specialized reports from data supplied by clients or provide automated data processing and data entry services.

### **51821 DATA PROCESSING, HOSTING, AND RELATED SERVICES**

This industry comprises establishments primarily engaged in providing infrastructure for hosting or data processing services. These establishments may provide specialized hosting activities, such as Web hosting, streaming services or application hosting, provide application service provisioning, or may provide general timeshare mainframe facilities to clients. Data processing establishments provide complete processing and specialized reports from data supplied by clients or provide automated data processing and data entry services.

### **518210 DATA PROCESSING, HOSTING, AND RELATED SERVICES**

This industry comprises establishments primarily engaged in providing infrastructure for hosting or data processing services. These establishments may provide specialized hosting activities, such as Web hosting, streaming services or application hosting, provide application service provisioning, or may provide general timeshare mainframe facilities to clients. Data processing establishments provide complete processing and specialized reports from data supplied by clients or provide automated data processing and data entry services.

## **519 OTHER INFORMATION SERVICES**

Industries in the Other Information Services subsector group establishments supplying information, storing information, providing access to information, and searching and retrieving information. The main components of the subsector are news syndicates, libraries, and archives.

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## **5191 OTHER INFORMATION SERVICES**

Industries in the Other Information Services subsector group establishments supplying information, storing information, providing access to information, and searching and retrieving information. The main components of the subsector are news syndicates, libraries, and archives.

### **51911 NEWS SYNDICATES**

This industry comprises establishments primarily engaged in supplying information, such as news reports, articles, pictures, and features, to the news media.

#### **519110 NEWS SYNDICATES**

This industry comprises establishments primarily engaged in supplying information, such as news reports, articles, pictures, and features, to the news media.

### **51912 LIBRARIES AND ARCHIVES**

This industry comprises establishments primarily engaged in providing library or archive services. These establishments are engaged in maintaining collections of documents (e.g., books, journals, newspapers, and music) and facilitating the use of such documents (recorded information regardless of its physical form and characteristics) as are required to meet the informational, research, educational, or recreational needs of their user. These establishments may also acquire, research, store, preserve, and generally make accessible to the public historical documents, photographs, maps, audio material, audiovisual material, and other archival material of historical interest. All or portions of these collections may be accessible electronically.

#### **519120 LIBRARIES AND ARCHIVES**

This industry comprises establishments primarily engaged in providing library or archive services. These establishments are engaged in maintaining collections of documents (e.g., books, journals, newspapers, and music) and facilitating the use of such documents (recorded information regardless of its physical form and characteristics) as are required to meet the informational, research, educational, or recreational needs of their user. These establishments may also acquire, research, store, preserve, and generally make accessible to the public historical documents, photographs, maps, audio material, audiovisual material, and other archival material of historical interest. All or portions of these collections may be accessible electronically.

### **51919 ALL OTHER INFORMATION SERVICES**

This industry comprises establishments primarily engaged in providing other information services (except news syndicates and libraries and archives).

#### **519190 ALL OTHER INFORMATION SERVICES**

This industry comprises establishments primarily engaged in providing other information services (except news syndicates and libraries and archives).

# Appendix C.

## Methodology

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### SOURCES OF THE DATA

For this sector, large- and medium-size firms, plus all firms known to operate more than one establishment, were sent report forms to be completed for each of their establishments and returned to the Census Bureau. For most very small firms, data from existing administrative records of other federal agencies were used instead. These records provide basic information on location, kind of business, receipts, payroll, number of employees, and legal form of organization.

Firms in the 2002 Economic Census are divided into those sent report forms and those not sent report forms. The coverage of and the method of obtaining census information from each are described below:

1. Establishments sent a report form:
  - 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 2002 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 precludes reliance solely on administrative records sources. The sample was stratified by industry and geography.
2. Establishments not sent a report form:
  - a. Small employers, i.e., single-establishment firms with payroll below a specified cutoff, not selected into the small employer sample. Although the payroll cutoff varies by kind of business, small employers not sent a report form generally include firms with less than 10 employees and represent about 10 percent of total receipts of establishments covered in the census. Data on receipts, payroll, and employment for these small employers were derived or estimated from administrative records of other federal agencies.
  - b. All nonemployers, i.e., all firms with no paid employees during 2002. Receipts information for these firms was obtained from administrative records of other federal agencies. Although consisting of many firms, nonemployers account for less than 10 percent of total receipts of all establishments covered in the census. Data for nonemployers are not included in this report, but are released in the annual *Nonemployer Statistics* series.

The report forms used to collect information for establishments in this sector are available at [help.econ.census.gov/econhelp/resources/](http://help.econ.census.gov/econhelp/resources/).

A more detailed examination of census methodology is presented in the *History of the Economic Census* at [www.census.gov/econ/www/history.html](http://www.census.gov/econ/www/history.html).

### INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

The classifications for all establishments are based on the *North American Industry Classification System, United States, 2002* manual. Changes between 1997 and 2002 affecting this sector are discussed in the text at the beginning of this report. Tables at [www.census.gov/epcd/naics02/](http://www.census.gov/epcd/naics02/) identify all industries that changed between the 1997 North American Industry Classification System (NAICS) and 2002 NAICS.

The method of assigning classifications and the level of detail at which establishments were classified depends on whether a report form was obtained for the establishment.



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1. Establishments that returned a report form were classified on the basis of their self-designation, product line receipts, and responses to other industry-specific inquiries.
  2. Establishments without a report form:
    - a. Small employers not sent a form were, where possible, 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 1997 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 2002 Economic Census classification in the detail required for employers), the firm was sent a brief inquiry requesting information necessary to assign a kind-of-business code.
    - b. Nonemployers were classified on the basis of information obtained from administrative records of other federal agencies.

### **RELIABILITY OF DATA**

All data compiled in the economic census are subject to nonsampling errors. Nonsampling errors can be attributed to many sources during the development or execution of the census:

- 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 Product Lines 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 report forms 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, such as gross receipts from federal income tax records and employment and payroll from payroll tax records. 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.

Key tables in this report include a column for "Percent of receipts from administrative records." This includes receipts information obtained from administrative records of other federal agencies. The "Percent of receipts estimated" includes receipts information that was imputed based on historic company ratios or administrative records, or on industry averages.

The Census Bureau recommends that data users incorporate this information into their analyses, as nonsampling error and sampling error could impact the conclusions drawn from economic census data.

### **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, payroll, and number of employees, 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 form, were available only from establishments responding to those inquiries.



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Data for industry-specific inquiries in this sector were expanded in most cases to account for establishments that did not respond to the particular inquiry for which data are presented. Unless otherwise noted in specific reports, data for industry-specific inquiries were expanded in direct relationship to total receipts of all establishments included in the category. In a few cases, expansion on the basis of the receipts was not appropriate, and another basic data item was used as the basis for expansion of reported data to account for nonrespondents.

All reports in which industry-specific data were expanded include a coverage indicator for each publication category, which shows the receipts of establishments responding to the industry-specific inquiry as a percent of total receipts 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.

### **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. Techniques employed to limit disclosure are discussed at [www.census.gov/epcd/ec02/disclosure.htm](http://www.census.gov/epcd/ec02/disclosure.htm).

# Appendix D.

## Geographic Notes

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### MICHIGAN

**Allendale** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Ottawa County.

**Bedford** (Calhoun County) is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Calhoun County.

**Cass City** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Tuscola County.

**Clare** is in Clare and Isabella Counties.

**Clinton** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Lenawee County.

**Clio** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Genesee County.

**Commerce (balance)** contains all of Commerce except Wolverine Lake.

**DeWitt township** lost territory due to the annexation of East Lansing into Clinton County.

**East Lansing** is in Clinton and Ingham Counties; it annexed into Clinton County in June 1998. This change deletes territory from DeWitt.

**Emmett** (Calhoun County) code changed from 25950 to 25935.

**Fenton city** is in Genesee and Livingston Counties; it annexed into Livingston County in September 2000. This change deletes territory from the Balance of Livingston County.

**Flushing township** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Genesee County.

**Fort Gratiot** is now tabulated separately due to a population increase. This change deletes territory from the Balance of St. Clair County.

**Grand Ledge** is in Clinton and Eaton Counties; it annexed into Clinton County in April 1998. This change deletes territory from the Balance of Clinton County.

**Grosse Pointe Shores** is in Macomb and Wayne Counties.

**Hartland** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Livingston County.

**Holland city** is in Allegan and Ottawa Counties.

**Hudson** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Lenawee County.

**Iron River** is now tabulated separately due to a population increase from its merger with Mineral Hills and Stambaugh in July 2000; none of which were tabulated separately in 1997. This change deletes territory from the Balance of Iron County.

**Lansing** is in Eaton and Ingham Counties.

**Middleville** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Barry County.

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**Midland** is in Bay and Midland Counties.

**Milan** is in Monroe and Washtenaw Counties.

**Monitor** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Bay County.

**Newberry** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Luce County.

**Niles city** is in Berrien and Cass Counties.

**Northville city** is in Oakland and Wayne Counties.

**Orion (balance)** contains all of Orion except Lake Orion.

**Oscoda** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Iosco County.

**Oxford charter township (balance)** incorrectly shown as Oxford township (balance). Oxford township (balance) contains all of Oxford township except Oxford village.

**Richmond** is in Macomb and St. Clair Counties; it annexed into St. Clair County in November 1999. This change deletes territory from the Balance of St. Clair County.

**St. Joseph charter township** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Berrien County.

**Sandusky** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Sanilac County.

**South Haven** is in Allegan and Van Buren Counties.

**Spring Lake town (balance)** contains all of Spring Lake town except Spring Lake village and is now tabulated separately due to a population increase. This change deletes territory from the Balance of Ottawa County.

**Superior** (Washtenaw County) is now tabulated separately due to a population increase. This change deletes territory from the Balance of Washtenaw County.

**Texas** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Kalamazoo County.

**Traverse City** is in Grand Traverse and Leelanau Counties.

**Washington (balance)** (Macomb County) contains all of Washington except Romeo (part).

**Balance of Barry County** no longer includes Middleville, which is tabulated separately due to a population increase.

**Balance of Bay County** no longer includes Monitor, which is tabulated separately due to a population increase.

**Balance of Berrien County** no longer includes St. Joseph charter township, which is tabulated separately due to a population increase.

**Balance of Calhoun County** includes Bedford, which is no longer tabulated separately due to a population decrease.

**Balance of Clinton County** lost territory due to the annexations of East Lansing and Grand Ledge into the county.

**Balance of Genesee County** includes Clio, which is no longer tabulated separately due to a population decrease and no longer includes Flushing township, which is tabulated separately due to a population increase.

**Balance of Iosco County** includes Oscoda, which is no longer tabulated separately due to a population decrease.

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**Balance of Iron County** no longer includes Iron River, which is tabulated separately due to a population increase from its merger with Mineral Hills and Stambaugh.

**Balance of Kalamazoo County** no longer includes Texas, which is tabulated separately due to a population increase.

**Balance of Lenawee County** includes Clinton and Hudson, which are no longer tabulated separately due to a population decrease.

**Balance of Livingston County** lost territory due to the annexation of Fenton into the county and no longer includes Hartland, which is tabulated separately due to a population increase.

**Balance of Luce County** no longer includes Newberry, which is tabulated separately due to a population increase.

**Balance of Ottawa County** no longer includes Allendale and Spring Lake town (balance), which are tabulated separately due to a population increase.

**Balance of St. Clair County** lost territory due to the annexation of Richmond into the county and no longer includes Fort Gratiot, which is tabulated separately due to a population increase.

**Balance of Sanilac County** no longer includes Sandusky, which is tabulated separately due to a population increase.

**Balance of Tuscola County** no longer includes Cass City, which is tabulated separately due to a population increase.

**Balance of Washtenaw County** no longer includes Superior, which is tabulated separately due to a population increase.

# Appendix E.

## Metropolitan and Micropolitan Statistical Areas

### **DETROIT-WARREN-FLINT, MI COMBINED STATISTICAL AREA**

#### **Ann Arbor, MI Metropolitan Statistical Area**

Washtenaw County, MI

#### **Detroit-Warren-Livonia, MI Metropolitan Statistical Area**

##### ***Detroit-Livonia-Dearborn, MI Metropolitan Division***

Wayne County, MI

##### ***Warren-Farmington Hills-Troy, MI Metropolitan Division***

Lapeer County, MI

Livingston County, MI

Macomb County, MI

Oakland County, MI

St. Clair County, MI

#### **Flint, MI Metropolitan Statistical Area**

Genesee County, MI

#### **Monroe, MI Metropolitan Statistical Area**

Monroe County, MI

### **GRAND RAPIDS-MUSKEGON-HOLLAND, MI COMBINED STATISTICAL AREA**

#### **Allegan, MI Micropolitan Statistical Area**

Allegan County, MI

#### **Grand Rapids-Wyoming, MI Metropolitan Statistical Area**

Barry County, MI

Ionia County, MI

Kent County, MI

Newaygo County, MI

#### **Holland-Grand Haven, MI Metropolitan Statistical Area**

Ottawa County, MI

#### **Muskegon-Norton Shores, MI Metropolitan Statistical Area**

Muskegon County, MI

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**LANSING-EAST LANSING-OWOSSO, MI COMBINED STATISTICAL AREA**

**Lansing-East Lansing, MI Metropolitan Statistical Area**

Clinton County, MI

Eaton County, MI

Ingham County, MI

**Owosso, MI Micropolitan Statistical Area**

Shiawassee County, MI

**SAGINAW-BAY CITY-SAGINAW TOWNSHIP NORTH, MI COMBINED STATISTICAL AREA**

**Bay City, MI Metropolitan Statistical Area**

Bay County, MI

**Saginaw-Saginaw Township North, MI Metropolitan Statistical Area**

Saginaw County, MI

**ADRIAN, MI MICROPOLITAN STATISTICAL AREA**

Lenawee County, MI

**ALMA, MI MICROPOLITAN STATISTICAL AREA**

Gratiot County, MI

**ALPENA, MI MICROPOLITAN STATISTICAL AREA**

Alpena County, MI

**BATTLE CREEK, MI METROPOLITAN STATISTICAL AREA**

Calhoun County, MI

**BIG RAPIDS, MI MICROPOLITAN STATISTICAL AREA**

Mecosta County, MI

**CADILLAC, MI MICROPOLITAN STATISTICAL AREA**

Missaukee County, MI

Wexford County, MI

**COLDWATER, MI MICROPOLITAN STATISTICAL AREA**

Branch County, MI

**ESCANABA, MI MICROPOLITAN STATISTICAL AREA**

Delta County, MI

**HOUGHTON, MI MICROPOLITAN STATISTICAL AREA**

Houghton County, MI

Keweenaw County, MI

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**IRON MOUNTAIN, MI-WI MICROPOLITAN STATISTICAL AREA**

Dickinson County, MI

Florence County, WI

**JACKSON, MI METROPOLITAN STATISTICAL AREA**

Jackson County, MI

**KALAMAZOO-PORTAGE, MI METROPOLITAN STATISTICAL AREA**

Kalamazoo County, MI

Van Buren County, MI

**MARINETTE, WI-MI MICROPOLITAN STATISTICAL AREA**

Menominee County, MI

Marinette County, WI

**MARQUETTE, MI MICROPOLITAN STATISTICAL AREA**

Marquette County, MI

**MIDLAND, MI MICROPOLITAN STATISTICAL AREA**

Midland County, MI

**MOUNT PLEASANT, MI MICROPOLITAN STATISTICAL AREA**

Isabella County, MI

**NILES-BENTON HARBOR, MI METROPOLITAN STATISTICAL AREA**

Berrien County, MI

**SAULT STE. MARIE, MI MICROPOLITAN STATISTICAL AREA**

Chippewa County, MI

**SOUTH BEND-MISHAWAKA, IN-MI METROPOLITAN STATISTICAL AREA**

St. Joseph County, IN

Cass County, MI

**STURGIS, MI MICROPOLITAN STATISTICAL AREA**

St. Joseph County, MI

**TRAVERSE CITY, MI MICROPOLITAN STATISTICAL AREA**

Benzie County, MI

Grand Traverse County, MI

Kalkaska County, MI

Leelanau County, MI

