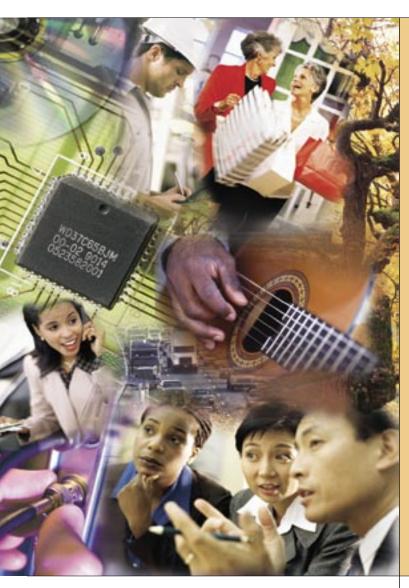
# Understanding the 2002 Economic Census

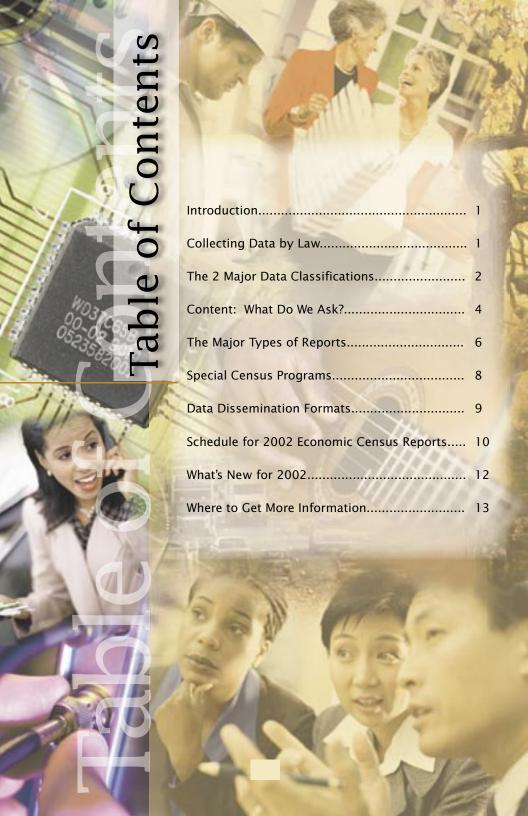


USCENSUSBUREAU

Helping You Make Informed Decisions

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





he economic census provides a detailed portrait of the nation's economy once every 5 years, from the national to the local level.

The 2002 Economic Census covers nearly all of the U.S. economy in its basic collection of establishment statistics. There also are several related programs, including statistics on minority- and women-owned businesses. The census of agriculture (conducted by the U.S. Department of Agriculture) and the census of governments (conducted by the U.S. Census Bureau) are conducted at the same time.

Results from the census are being issued on the Internet and on DVD-ROM. These began in early 2004 and will continue for over 2 years. Only a few summary reports will be issued in print.

# **Collecting Data by Law**

The 2002 Economic Census measured activity during calendar year 2002. Census forms were mailed to more than 5 million companies in December 2002.

There were over 600 versions

of the census form,
each customized
to particular industries. Some very
small companies
did not receive
a census form.

The economic

census is mandated

by law under Title 13 of the United States Code (sections 131, 191, and 224). The law requires firms to respond and specifies penalties for firms that fail to report.

The law also requires the Census Bureau to maintain confidentiality. Individual responses may be seen only by persons sworn to uphold Title 13 confidentiality requirements. No data are published that could reveal the identity or activity of any individual or business.

# The 2 Major Data Classifications

Economic census statistics are collected primarily by "establishment" and published by aggregation of establishments. An establishment is a business or industrial unit at a single physical location that produces or distributes goods or performs services. An example would be a single store or factory.

The law also Many companies requires the own or control more than one Census Bureau lestablishment. Those establishto maintain ments may be confidentiality. located in different geographic areas and may be engaged in different kinds of business. By collecting separate information for each establishment, the economic census includes detailed data for each industry and area.

#### Industrial Classification

The statistics issued by industry in the 2002 Economic Census are based on the 2002 North American Industry Classification System (NAICS), categorizes establishments by the principal or primary activity in which they are engaged.

NAICS, developed in cooperation with Canada and Mexico, classifies economic activities at 2-, 3-, 4-, and 5-digit levels of detail. The United States version of NAICS further defines some industries by adding a 6-digit national detail level. The economic census uses this hierarchy to publish data at successive levels of detail.

NAICS is reviewed for changes every 5 years. Changes to the classification are incorporated into the economic census.

The Census Bureau categorizes products made by establishments classified under NAICS. Since 1999, the United States, Canada, and Mexico have been cooperatively developing North American Product Classification System (NAPCS). The initial phases of the project focused on service products. The 2002 Economic Census tested early results for selected industries in four sectors: (1) Information: (2) Finance and Insurance; (3) Professional, Scientific, and Technical Services: and (4) Administrative and Support and Waste Management and Remediation Services. Additional service product detail will be incorporated into the 2007 Economic Census.

Table 1. NAICS Hierarchic Structure

	Example			
NAICS level	NAICS code	Description		
Sector	51	Information		
Subsector	515	Broadcasting (except Internet)		
Industry group	5151	Radio and Television Broadcasting		
Industry	51511	Radio Broadcasting		
U.S. Industry	515112	Radio Stations		

The manufacturing and mining areas continued to use the Numerical List of Manufactured and Mineral Products to classify products. Wholesale and retail trades classify products using broad and detailed product lines in the economic census.

The 2002 Economic Census covers 1,070 of the 1,179 industries in NAICS 2002; the relatively small number of industries not covered are listed below:

Agriculture, Forestry,
 Fishing, and Hunting
 (NAICS 11, partially covered by the census of agriculture, conducted by the
 U.S. Department of Agriculture).

- U.S. Postal Service, large certificated passenger air transportation, and all rail transportation (part of NAICS 48-49, Transportation and Warehousing).
- Funds and trusts (part of NAICS 52, Finance and Insurance).
- Elementary and secondary schools, colleges, and professional schools (part of NAICS 61, Educational Services).
- Labor, political, and religious organizations; private households (part of NAICS 81, Other Services [Except Public Administration]).



 Public Administration (NAICS 92, covered by the census of governments, conducted by the Census Bureau).

Additional information on NAICS and NAPCS is available on the Web at <www.census .gov/naics>.

#### Geographic Classification

The most detailed data are provided for the United States as a whole. Key statistics, albeit progressively fewer to protect confidentiality, are available for states, metropolitan and micropolitan areas (MAs), counties, and places with 2,500 or more inhabitants. Limited data are provided for ZIP Codes. Statistics for smaller areas are more frequently withheld to avoid disclosing information about individual firms. The level of geographic detail varies by sector, as shown in Table 2.

#### **Content: What Do We Ask?**

Several key statistics are tabulated for all industries covered in the economic census.
These include:

- Number of establishments (or companies).
- Number of employees.
- Payroll.
- Measure of output (sales, receipts, revenue, value of shipments, or value of construction work done).

Other data items are tabulated, but vary by sector within the economic census. These include detailed statistics on labor costs, expenses, assets, capital expenditures, and inventories

For a list of these additional data items and the sectors and geographic levels at which they are published, see the *Guide* to the 2002 Economic Census at <www.census.gov/econ/census02/guide>.

Table 2. NAICS Sectors and the Geographic Areas in the 2002 Economic Census

NAICS code	Sector	States	MAs	Coun- ties	Places 2500+	ZIP Codes
21	Mining	Х				
22	Utilities	Х	Х			
23	Construction	X				
31-33	Manufacturing	Х	Х	Х	Х	Х
42	Wholesale Trade	Х	Х	X	Х	
44-45	Retail Trade	Х	Х	X	Х	Х
48-49	Transportation and Warehousing	х	Х			
51	Information	Х	Х	X	Х	
52	Finance and Insurance	Х	Х			
53	Real Estate and Rental and Leasing	х	х	х	х	
54	Professional, Scientific, and Technical Services	х	Х	х	х	х
55	Management of Companies and Enterprises	х				
56	Administrative and Support and Waste Management and Remediation Services	x	х	x	x	х
61	Educational Services	Х	Х	Х	Х	Х
62	Health Care and Social Assistance	X	Х	Х	Х	х
71	Arts, Entertainment, and Recreation	х	Х	х	х	х
72	Accommodation and Food Services	Х	Х	Х	Х	Х
81	Other Services (Except Public Administration)	х	Х	Х	х	Х

# The Major Types of Reports

There are five major report series. Four of them—the Industry Series, the Geographic Area Series, the Subject/Summary Series, and Zip Code Statistics—issue data specific to a sector. The fifth—the Core Business Statistics Series—issues data that are economywide. All five issue detailed data.

### **Specific Sector Reports**

- Industry Series reports provide national totals for establishments with employees for individual industries and their products, with limited data for states (data are preliminary and superceded by later series).
- Geographic Area Series reports provide detail for establishments with employees by industry.
   Data are shown for the United States, states, and substate areas.

• Subject
Series reports
provide
national and,
in some cases,
state data on
special topics
including Products, Concentration Ratios, and
Establishment and Firm
Size. Summary reports for
some sectors supercede
data from the Industry
Series.

 ZIP Code Statistics reports (published for 8 of the 18 sectors) include counts of establishments by employment and sales size by industry.

### **Economy-Wide Reports**

The Core Business Statistics Series issues economy-wide data (for most or all sectors), and comprises four titles: the Advance Report, the Bridge Between NAICS 2002 and NAICS 1997, Comparative Statistics, and Nonemployer Statistics.

- The Advance Report gives the first data for broad NAICS categories.
- Bridge Between NAICS 2002 and NAICS 1997 shows the relationships between 2002 NAICS and 1997 NAICS for industries that have changed.
- Comparative Statistics shows U.S. and state totals classified by 1997 NAICS for both 1997

- and 2002—comparisons not possible elsewhere for construction and wholesale trade industries.
- Nonemployer Statistics
   is the only source for
   information about
   nonemployers—16 million
   small businesses not
   included in other census
   reports.



#### **Special Census Programs**

**Survey of Business Owners** 

The number of firms and their sales, employment, and payroll are tabulated by NAICS subsector and geographic area. Tabulations are made for businesses owned by Blacks, Hispanics, American Indians and Alaska Natives, Asians, Native Hawaiians and Other Pacific Islanders, and

Women

Data for firms owned by these groups are presented, along with data for businesses owned by nonminority males, at the national and state levels on selected ownership characteristics (including age, education, hours worked, and disability) and business characteristics (including home-based, family-owned, franchising, year started, and financing).

### **Business Expenses**

Data on operating expenses of most broad industry groups

are presented in this report. These expenses include supplemental labor costs, energy costs, taxes, and a variety of

purchased services
including advertising, legal
and accounting
services, and
repairs.

# Transportation Surveys

The Vehicle Inventory and Use Survey reports on the physical characteristics and operational use of the nation's 85 million private and commercial trucks. The Commodity Flow Survey reports on the origin and destination of commodities shipped from selected industries.

# Economic Census of Island Areas

This special census provides data on businesses in Puerto Rico, the U.S. Virgin Islands, Guam, American Samoa (new for 2002), and the Commonwealth of the Northern Mariana Islands.

# Data Dissemination Formats

#### Internet

#### American FactFinder™

- Accessible via

   <www.census.gov> or
   <factfinder.census.gov>.
- Complete economic census data coverage.
   This now includes data from the Comparative Statistics and Bridge reports, as well as data from the Business Expenses Survey, the Survey of Business Owners, and the ZIP Code Statistics reports, which were previously available only on CD-ROM.
- Data item and industry definitions are readily accessible.
- "Geo within geo" functionality allows selection of all places in the United States, all counties within a metro area.
- Data are presented in "database" format with ability to export to ASCII and HTMI formats.

- Application functions are similar to the Econ<sup>02</sup> DVD-ROM, including simple displays through Industry and Geography Quick Reports.
- Customized queries are available through the "data sets" option.

# **PDFs** (portable document format files)

- Simple to use.
- Look just like the printed reports issued from previous censuses.
- Include most economic census data.
- Free at <www.census. gov>.
- Can be printed out at data user's workstation.

#### **Drill-down tables**

- Quickest access to facts.
- Simplest navigation to other data and definitions of terms.

 Access to the most frequently used data.

### Custom Print Service

The Census
Bureau's
Customer
Services Center
can print and
bind any PDF report
on demand, priced
at \$25 or more per report,
depending on the number of
pages. See <www.census.gov
/mso/www/cps.htm> for more
information.

#### Econ<sup>02</sup> DVD-ROM

- All of the data in a form easy to manipulate.
- Windows XP- and 2000compliant software that is powerful yet easy to use.
- Ability to select, filter, manipulate, and export the data to a spreadsheet or other application for further manipulation.
- A comprehensive medium for 2002 Economic Census data and maps.

 Software can download more recently released data from an File Transfer

Protocol (FTP) site as well as update itself for application updates.

subscription
only (from the
Census Bureau's
Customer Services
Center) with discs
updated quarterly as more
publications become
available.

Sold by

 Data from previous censuses (1987 onward) are available on CD-ROM. (CD-ROMs for 1992 and earlier use different access software.)

# Schedule for 2002 Economic Census Reports

Reports from the 2002 Economic Census (and related programs) are being released on a flow basis starting in the first quarter of 2004 through the third quarter of 2006. For a detailed schedule, see <www .census.gov/econ/census02/ quide>.

# **Subject Specialists**

Subject specialists are available to discuss plans for specific sectors, programs, or data products.

Table 4. Subject Specialist Contacts

Subject	Telephone	E-mail		
Mining, Construction, or Manufacturing data	301-763-4680	ask.census.gov		
Utilities or Transportation and Warehousing data	301-763-2786	ucb@census.gov		
Wholesale Trade data	301-763-2725	wcb@census.gov		
Retail Trade or Accommodations and Food Services data	301-763-2687	rcb@census.gov		
Finance and Insurance or Real Estate and Rental and Leasing data	301-763-2824	fcb@census.gov		
All other services	301-763-2689	scb@census.gov		
Vehicle Inventory and Use Survey	301-763-2797	vius@census.gov		
Commodity Flow Survey	301-763-2826	svsd@census.gov		
Company Statistics	301-763-3321	csd@census.gov		
Minority- and Women-Owned Businesses	301-763-3316	csd@census.gov		
Economic Census of Island Areas	301-763-3314	csd@census.gov		
NAICS	301-763-2632	naics@census.gov		
General data uses, DVD-ROM, and Internet questions	301-763-2547 877-790-1876	econ@census.gov		



# Comparable Data, Revised Industry and Product Classifications

The 2002 Economic Census publishes data primarily on the 2002 NAICS. Data for most industries can be compared across 1997 and 2002. Changes between 1997 NAICS and 2002 NAICS are primarily within the construction and wholesale trade sectors.

Product statistics for four service sectors are now classified using the new NAPCS. This results in substantially more product categories than were published in 1997.

## Micropolitan Statistical Areas

Several hundred new micropolitan statistical areas, defined around urban cores of 10,000 to 50,000, now complement the revised metropolitan statistical area concept. The same types of

statistics are published from the 2002 Economic Census for micro areas as are published for metro areas.

### Expanded Survey of Business Owners

Hispanic- and women-owned business counts will be comparable across 1997 and 2002. However, comparability of race counts will be affected by multiple race reporting by individual owners. In addition, new data on owner and business characteristics will be available.

### American FactFinder™ (AFF) and the Econ<sup>02</sup> DVD-ROM

Data coverage in AFF is expanded, and the data on AFF are better integrated with economic census data elsewhere on the Census Bureau Web site. Data downloads from AFF may now exceed 15,000 lines, and a FTP site also allows downloading

entire databases. A wider variety of data display maps can be generated. For Econ<sup>02</sup>, most data are consolidated onto one DVD, eliminating the inconvenience of working with multiple CDs. PDF maps also are included on the DVD to aid user understanding of economic census geographies. Finally, the software can download more recently released databases from the FTP site.

# New Industries and Fewer Out-of-Scope Industries

NAICS 2002 introduces a number of new industries: residential remodelers, discount department stores, electronic shopping, electronic auctions, wholesale electronic markets, Internet publishing and broadcasting, and Web search portals. The 2002 Economic Census also includes landscape architecture, landscaping services, veterinary services, and pet care.

# New Industry Series Reports for Service-Producing Series

Industry Series reports, previously published only for goods-producing industries (manufacturing, mining, and construction) are being published for all industries for 2002. The new reports yield faster release of national data for services-producing industries, from retailing to health care.

#### **More Maps in PDF**

In addition to the state maps showing the boundaries of counties and metropolitan and micropolitan areas within each state, another series of maps will show the boundaries of recognized places within each county. That will be especially helpful to understanding what areas are included in "balance of county" data.

# Where to Get More Information

To order custom printed reports, DVD-ROMs of 2002 data, or CD-ROMs of 1997 and earlier data, consult the Online Product Catalog at <censuscatalog .mso.census.gov/esales> or contact the Census Bureau's Customer Service Center at 301-763-INFO(4636).

#### **Local Assistance**

Your area has a variety of resources that can help you find more information about the economic census.

Regional offices, State Data Centers (SDCs), and depository libraries are listed on the Internet.

- Census Regional
  Offices in 12 large
  cities have information
  specialists who can
  answer questions about
  availability and uses of
  census data. See the back
  cover of this brochure for
  more information. See
  also <www.census.gov
  /field/www>.
- State Data Centers
  (SDCs) and their affiliates
  have recent reports and
  CD-ROMs for their respective areas. Business and
  Industry Data Centers
  are extensions of the
  SDC program in about
  half of the states. These
  centers and their affiliates
  specialize in economic
  data for business data
  users. See <www.census
  .gov/SDC/www>.

• Federal Depository
Libraries in the reference
sections of many university and community
libraries maintain collections of economic census
reports and electronic
media. See <www
.gpoaccess.gov/libraries
.html>.

To access 2002 Economic Census data see <www.census .gov/econ/census02>.

The economic census Web site <www.census.gov/econ /census02>, also accessible directly from <www.census .gov>, includes links to all data products and information on the latest developments.

The Guide to the Economic Census < www.census.gov /econ/census02/guide> features many detailed references, including schedules, lists of data items, definitions of terms, maps, tutorials, and slide shows.

# 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]

			Sales (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of sales—	
NAICS code	Geographic area and kind of business	Estab- lishments (number)					From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
	MARYLAND							
44-45	Retail trade	19 394	60 039 971	6 208 963	1 488 758	285 561	10.5	5.0
441	Motor vehicle and parts dealers	1 746	16 395 760	1 420 730	333 742	37 455	11.3	3.2
4411	Automobile dealers	675	14 514 985	1 143 255	272 402	27 634	10.2	2.6
44111 441110 44112 441120	New car dealers	406 406 269 269	13 943 956 13 943 956 571 029 571 029	1 102 484 1 102 484 40 771 40 771	262 642 262 642 9 760 9 760	26 268 26 268 1 366 1 366	8.9 8.9 42.0 42.0	2.5 2.5 4.7 4.7
4412	Other motor vehicle dealers	263	888 500	79 344	15 548	2 477	27.1	4.5
44121 441210 44122 441221 441222 441229	Recreational vehicle dealers Recreational vehicle dealers Motorcycle, boat, and other motor vehicle dealers Motorcycle dealers Boat dealers All other motor vehicle dealers	23 23 240 56 158 26	120 412 120 412 768 088 219 844 507 489 40 755	9 171 9 171 70 173 22 166 42 710 5 297	1 896 1 896 13 652 4 937 7 859 856	262 262 2 215 735 1 356 124	24.4 24.4 27.5 28.9 27.8 16.4	8.6 8.6 3.8 
1413	Automotive parts, accessories, and tire stores	808	992 275	198 131	45 792	7 344	13.9	10.0
44131 441310 44132 441320	Automotive parts and accessories stores Automotive parts and accessories stores Tire dealers Tire dealers	543 543 265 265	640 539 640 539 351 736 351 736	116 017 116 017 82 114 82 114	27 442 27 442 18 350 18 350	5 041 5 041 2 303 2 303	13.1 13.1 15.3 15.3	13.0 13.0 4.5 4.5
442	Furniture and home furnishings stores	1 152	1 929 799	280 764	64 590	10 633	13.3	5.5
1421	Furniture stores	471	1 064 349	157 124	35 405	5 230	8.6	5.
44211 442110	Furniture stores	471 471	1 064 349 1 064 349	157 124 157 124	35 405 35 405	5 230 5 230	8.6 8.6	5. <sup>-</sup> 5. <sup>-</sup>
1422	Home furnishings stores	681	865 450	123 640	29 185	5 403	19.2	5.9
44221 442210 44229 442291 442299	Floor covering stores Floor covering stores Other home lumishings stores Window treatment stores All other home furnishings stores	314 314 367 33 334	412 873 412 873 452 577 24 821 427 756	64 843 64 843 58 797 4 301 54 496	15 162 15 162 14 023 944 13 079	1 964 1 964 3 439 152 3 287	25.8 25.8 13.2 37.3 11.7	9.1 9.1 3.1 11.8 2.6
443	Electronics and appliance stores	793	1 635 047	183 955	44 777	7 573	8.0	4.2
1431	Electronics and appliance stores	793	1 635 047	183 955	44 777	7 573	8.0	4.5
44311 443111 443112 44312	Appliance, television, and other electronics stores Household appliance stores. Radio, television, and other electronics stores Computer and software stores	525 144 381 204	1 246 214 189 531 1 056 683 315 092	138 134 25 868 112 266 34 755	33 554 5 901 27 653 8 444	5 665 918 4 747 1 369	7.2 13.9 6.0 12.0	3.4 6.9 2.8 8.0

# U.S. Census Bureau



Start here

#### 2002 Economic Consus

What's New for 102 Sample '02 forms Information kit

#### **Earlier Results**

Census: 1997 - 1992 Other: 1998-2001

> Attend a Conference

# Questions?

FAQS Ask Dr. Census

#### Related sites

NAICS. '97 Econ Census Bus, Expenses Island Areas Commodity Flow Vehicle Survey **Business Owners** Minorit/Women PDF Issues



#### **Economic Census**

The Economic Census profiles American business every 5 years, from the national to the local level.

#### 2002 Economic Census Reports

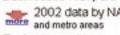
The reports linked below are over three quarters of the 1600 publications from the 2002 Economic Census to be issued 2004 through 2006. (See schedule.)

#### Reports in PDF (employers):

- Industry Series: All 651 reports are now available.
- Geographic Area Series: All 883 reports are now available. Most state reports include metro area, county and city data.
- Subject Series: 2 of 57 reports are now available.
- For other reports, see the 2002 Economic Census report release schedule.

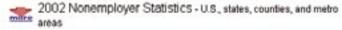
#### Drill-down tables

Businesses with paid employees:



2002 data by NAICS - U.S., selected states, and their counties, cities,

Businesses without paid employees:



#### Complete 1997 Economic Census

# Industry Statistics Sampler man



Enter keyword or NAICS code

NAICS Search

(includes state ranking and samples or links to all census and survey sources for an industry)

#### Data for all sectors

(drill-down tables explained)

Businesses with paid employees:



1997 data by NAICS - U.S., states, counties, and metro areas



more - ZIP Code Statistics - U.S., states, ZIP Codes



1997 and 1992 by SIC - U.S. and states



Bridge Between NAICS and SIC - national

Businesses with/without paid employees:



#### Survey of Business Owners

- Preliminary estimates ... gender, Hispanic origin, race (U.S. and states)
- Press release and more about the Survey of Business Owners

#### **Business Expenses**

- Preliminary tables, 2002
- Final 2002 report due Dec 2005, including more industries

#### Other information for data users

- Attend a summer 2005 conference on the Economic Census
- What's new in the 2002 Economic Census
- Guide to the 2002 Economic Census how the data are being published
- How people use economic census data
- Slide shows and exercises
- Quicksheet Accessing Economic Census Data [pdf] or [ppt]

American FactFinder provides Economic
Census data within 4 weeks of availability in
PDF. An Introduction to AFE goes step-bystep through use of 1997 Economic Census data.

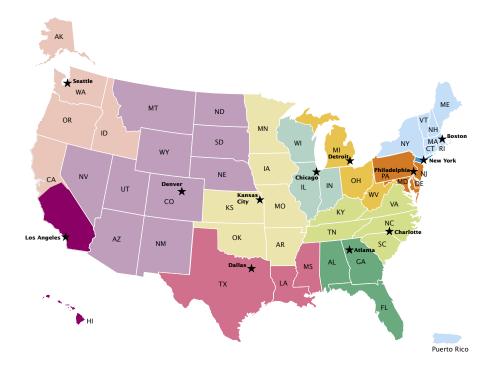


2002 Economic Census DVD-ROMs: DVD-ROM 1A will be issued in early 2005 and include all Industry Series data. Quarterly releases thereafter.

American FactFinder



The main 1997 Economic Census page discusses American FactFinder, CD-ROM and more.



- **ATLANTA** www.census.gov/atlanta Alabama, Florida, Georgia
- BOSTON www.census.gov/boston
  Connecticut, Massachusetts,
  New Hampshire, Rhode Island,
  Maine, Vermont, New York (all
  counties except those covered by
  the NY Regional Office listed under
  the state of NY), Puerto Rico
- CHARLOTTE www.census.gov/charlotte Kentucky, North Carolina, South Carolina, Tennessee, Virginia
- CHICAGO www.census.gov/chicago Illinois, Indiana, Wisconsin
- DALLAS www.census.gov/dallas Louisiana, Mississippi, Texas
- DENVER www.census.gov/denver Arizona, Colorado, Montana, Nebraska, Nevada, New Mexico, North Dakota, South Dakota, Utah, Wyoming
- **DETROIT** www.census.gov/detroit Michigan, Ohio, West Virginia
- KANSAS CITY www.census.gov/kansascity Arkansas, Iowa, Kansas, Minnesota, Missouri, Oklahoma

- LOS ANGELES www.census.gov/losangeles Hawaii, southern California (Fresno, Imperial, Inyo, Kern, Kings, Los Angeles, Madera, Mariposa, Merced, Monterey, Orange, Riverside, San Bernardino, San Diego, San Benito, San Luis Obispo, Santa Barbara, Tulare, and Ventura counties)
- NEW YORK www.census.gov/newyork New York (New York, Bronx, Queens, Richmond, Nassau, Kings, Westchester, Rockland, and Suffolk counties), New Jersey (Bergen, Essex, Hudson, Morris, Middlesex, Passaic, Somerset, Sussex, Union, and Warren counties)
- PHILADELPHIA www.census.gov/philadelphia
  Delaware, District of Columbia, Maryland,
  Pennsylvania, New Jersey (all counties
  except those covered by the NY Regional
  Office listed under the state of NJ)
- SEATTLE www.census.gov/seattle
  Alaska, Idaho, Oregon, Washington,
  northern California (all counties except
  those covered by the LA Regional Office
  listed under southern California)