

Census Bureau Economic Programs Overview

California State Data Center Affiliate Workshops
March 16, 2016

Presented by:
Andrew W. Hait
U.S. Census Bureau

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My name is Andy Hait and I have been economist at the U.S. Census for over 28 years. Today, we'll be walking through the economic programs conducted at the Census Bureau. When I use the term "Economic," I'm referring to data collected from businesses, as opposed to the American Community Survey that collects information from people and provides detailed information on household income, home value, and how much people pay for rent. Today, the focus is on data collected from businesses.

The workshop this morning is broken into three pieces. We're going to start off, as you can see on this slide, with an overview, covering some basic terms that are important to know when you're using our data. Then we're going to walk through a high level overview of our programs, and then specifically dive at the Economic Census, focusing on programs that publish local area data. The Census Bureau conducts about 42 different surveys, and I'm going to focus on four. Many of the other ones only publish national level data, so I'm only going to touch on those and encourage you to look at them, because they are more recent than the local area data.

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continued

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The last part of the presentation is going to be a walkthrough of two new tools just released within the last six months called Census Business Builder. The Census Bureau has been trying to make it easier to get to our data. Some of you may be familiar with American Fact Finder. While it is a powerful tool, it requires you to be essentially what I would call a power user. And to me a power user has three attributes: 1) understands Census Bureau programs and which program has the data of interest, 2) understands statistics, like margin of error, and 3) invests time. You need to be able to spend the time to learn how to use the tool efficiently. The tools I'm going to show you at the end of the morning are specifically designed for the anti-power user. They are designed for people who are simply interested in getting demographic and economic data for an area quickly and easily.

Outline

- Census Economic Programs **Primer**
 - **Key Terms**
 - **Programs Overview**
- The 2012 Economic Census and Related Programs
 - What's Been **Released So Far**
 - What's Coming Up (Subjects/Summary Series, ZIP Codes)

First, we're going to start off talking about some key terms for two reasons. First, there are important concepts to understand the economic data that we publish at the Census Bureau. Second, I want to distinguish the information available through the Economic Census from other data sources. Some of them are fabulous, some of them are horrible. The problem with a lot of them is they don't really describe how they get their data. What types of businesses are or are not included, how do they deal with privacy issues, do they even have privacy protections for the data. So as we walk through these concepts, these are the kind of things that you all ought to be questioning when you use other sources. Please don't think I'm discouraging you from using them; there's a lot of great data out there. There's things that Census can't do that other data providers can. Definitely use that data. But this part of the workshop is about being a more informed data user, so that's the key.

Key Economic Census Terms

- **NAICS** (North American Industry Classification System)
 - Our primary data dimension
- **Establishments** (vs. Companies, Firms, etc.)
 - Our collection/tabulation level
- **Employers** (vs. Nonemployers)
 - EC only covers employer businesses
- **U.S. Code Title 13 and 26**
 - Protects business privacy



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NAICS is the North American Industry Classification System, which is used to classify every business in the United States. NAICS is a hierarchical system that starts off with a two digit sector code and goes up to the six digit NAICS code. The more digits, the more detail. For example, NAICS sector code 31 is manufacturing. Within Manufacturing is Food Manufacturing (NAICS three digit code 311). Within Food Manufacturing is Animal Food Manufacturing (3111). And eventually you get down to canned dog food. NAICS is updated every five years, including the years we conduct the Economic Census, which are years ending in 2 and 7. When you are using data from other sources, you find out if they are classifying businesses based on NAICS or still using the old SIC. SIC ended in 1997.

NAICS is an offshoot of the NAFTA agreement. When the U.S., Canada, and Mexico were working on the NAFTA agreement, they realized that the classification systems we were using across countries was so dramatically different there was no way to measure the trade across our countries. So they created NAICS. The codes are comparable down to the 5 digit level. At the six digit level, we kind of go our own way. So to give you an example, the U.S. and Mexico have a 6 digit NAICS code specifically for tortilla manufacturing while Canada does not. Apparently they don't make their own tortillas in Canada, or they don't make enough of them to warrant their own NAICS code, so they have tortillas added into "other baked goods," and it's a comparable system.

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An establishment is a business at a single physical location, classified into their own NAICS code. Collecting the data at the establishment level instead of the company or firm level allows us to do two things. First, it allows us to count people where they are actually working, rather than where they are headquartered. The second thing is that establishments allow us to classify each location into the correct NAICS code. If you think about a company where all the locations are in one industry, that's easy. But when you have a company that's very diversified, collecting the data at the establishment level allows it to be put in the right geography and the right industry.

Using General Motors as an example, business locations are scattered all over the country in nearly every sector of the US economy. If we classify GM as a company based upon it's number of employees across locations, they are primarily classified as an automobile manufacturer. But if you classify GM based on revenue, they'd be classified as Finance. They make more money based on GMAC than they make on building cars. So that's just an example. We are one of the few organizations that collects data at the establishment level, and probably more than anything else, this is why it takes so long for us to release some of our data. We are about 90% done with the 2012 economic census. I know you all are scratching your heads wondering why it takes so long. It's because the data are collected at such a detailed level that is very accurate. The philosophy is that getting a good measure every five years that's really accurate is very important. Then all the monthly, quarterly, and annual data are benchmarked back to the economic census.

There are a couple of programs at the Census that we do collect at a company level, where it makes sense. We have a survey called Quarterly Financial Report, the QFR, that publishes company level profits.

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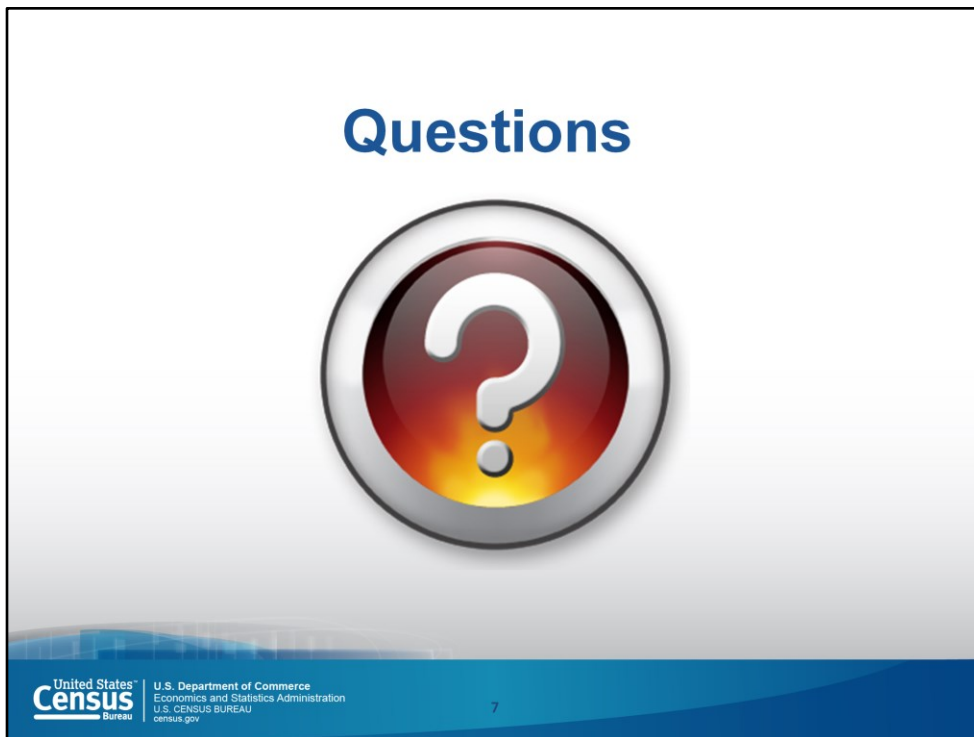
The Census Bureau breaks all companies in this country into two categories: Employer Businesses and Non-Employer Businesses.

Employer Businesses are businesses with one or more paid employees (i.e., companies that file the payroll tax form 941 with the IRS). Only a quarter of all businesses in the United States are Employers. That's about 8 million or so.

Non-Employers have no paid employees (i.e., sole proprietors, independent contractors, businesses that file the schedules C with the IRS). Three quarters of all businesses in the United States, of fourteen million, are Non-Employers.

In California (as will be explained more later), on the Employer side, the economy has still not recovered to the 2007, pre-recession levels. In terms of number of businesses, and in terms of revenue and employment. However, the Non-Employers are double what they were in 2007. It seems like people who were laid off during the recession have now come back and are now working as independent contractors and consultants. These jobs are the primary occupation for these people, not second jobs; and they are in industries that are very well paid. The largest number of Non-Employers in California are in the professional scientific and technical services. There are a lot of people working as independent contractors for businesses.

This distinction is very important because there are very few data providers that measure Non-Employers. The State of California does not count Non-Employers because they are not covered by unemployment insurance.



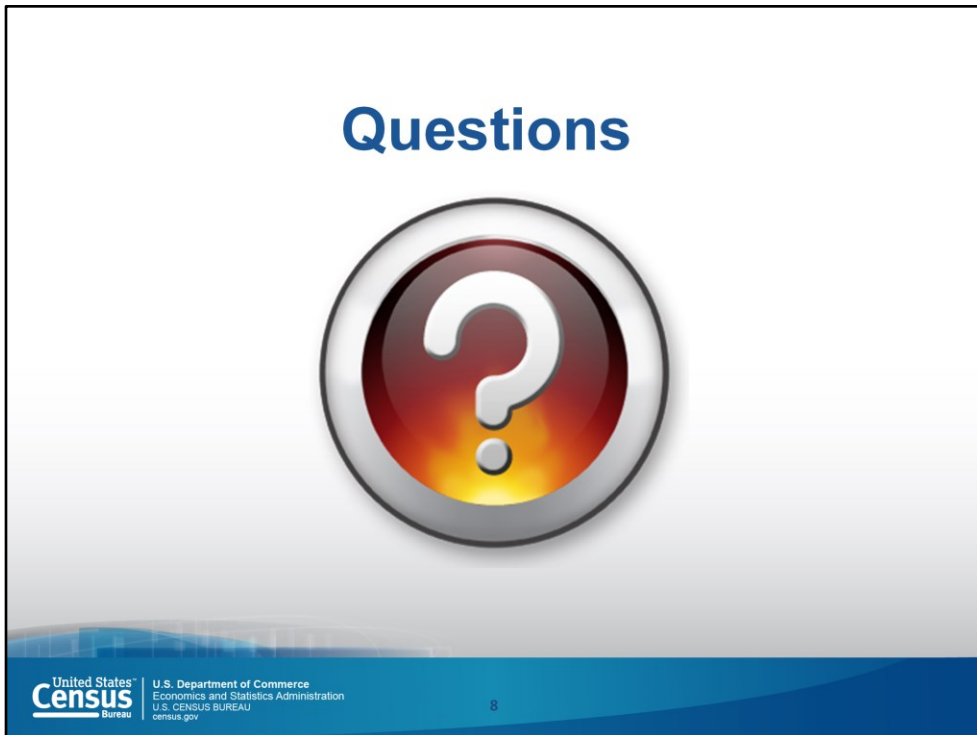
What about people who are contracted from an employment agency?

There are lots of creative employment arrangements that people can have today, which has a big bearing on where we capture those employees and what industry they're captured in.

The traditional business has regular employees – they are counted as an employee at an Employer business.

People that are contractors but that work for a contracting company can be more challenging to capture. For example, there are Professional Employer Organizations (PEO) that lease employees. These employees are particularly popular in manufacturing, especially in industries that are seasonal. When there are big swings in employment, businesses don't want to bring these people on for twelve months out of the year. They want to bring them on just when they need them and let them go when they don't. Short 3-, 4-, 5-month leases, with full management of that employee is the perfect solution.

To accurately capture these employees for manufacturing, we counted them twice. Once as an employee of the PEO and once as an employee of the manufacturing business, because otherwise productivity data for manufacturing would have had missing data.



Is there a single NAICS for the PEOs?

There is a specific NAICS code just for PEOs. The really fascinating thing about PEOs is that they seem to be clustered in certain states, and it creates some challenges with tagging those employees. For some reason, there are a lot of PEOs in Florida. It's probably got something to do with the tax laws in Florida that encourage PEOs to be there. So you'll have people that are being counted as working for a PEO in Florida when they're actually working for a manufacturing plant in Illinois. It creates some real challenges of collecting the data. I think there are some PEOs in California too.

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U.S. Code Title 13 and Title 26 are the laws that govern how we collect and publish data, and how we can collect and publish from the Census Government programs. Title 13 does a couple of things. First, it allows us to make the Economic Census mandatory. While it is a mandatory survey, the response rate is not 100% so we use information from an administrative source (like IRS or Social Security Administration data) as a proxy for the Economic Census. This law allows us to pull data from other federal agencies, but we are prohibited from pushing data back to them. As I'll show in a moment, there are differences between our data and that published by the Department of Labor because we can't match up our NAICS codes. That is, Title 13 law makes the Economic Census mandatory, and also protects the privacy of the businesses responding. We are prohibited from releasing data that will disclose the identity of individual companies.

So let's just pretend that you and I are the only two gas stations in our town. The census couldn't publish data about the gas stations, because if they did, you could subtract your employment and your payroll data and your sales from the total and know exactly how much I pay my employees and what my sales are. It would be a violation of the law. It's a company-based law though. Let's say we have ten gas stations – you own five and I own five. Same situation would apply.

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Where Title 13 gets interesting is when you have three or more companies in a specific industry or community when the question of dominance comes in. If we had twenty gas stations in our town, and you own ten and I own seven, and the other three were owned by three other individuals. If our seventeen gas stations dominated the industry, we would still have to suppress the data. People have asked how much they have to dominate the industry to be counted, but the rule itself is a disclosure, I can't tell you. The result of this rule is sometimes data is suppressed and the number of suppressions increases as the level of industry detail and geography increase. When you get down to the very small towns where there's only two grocery stores, much of the data will be suppressed. As a result, it is best to always start at the sector level first when looking at NAICS based data. That is, start with the two-digit NAICS first and to see how much is suppressed and before moving on to more detail (i.e., three, four, five, and six digit NAICS levels).

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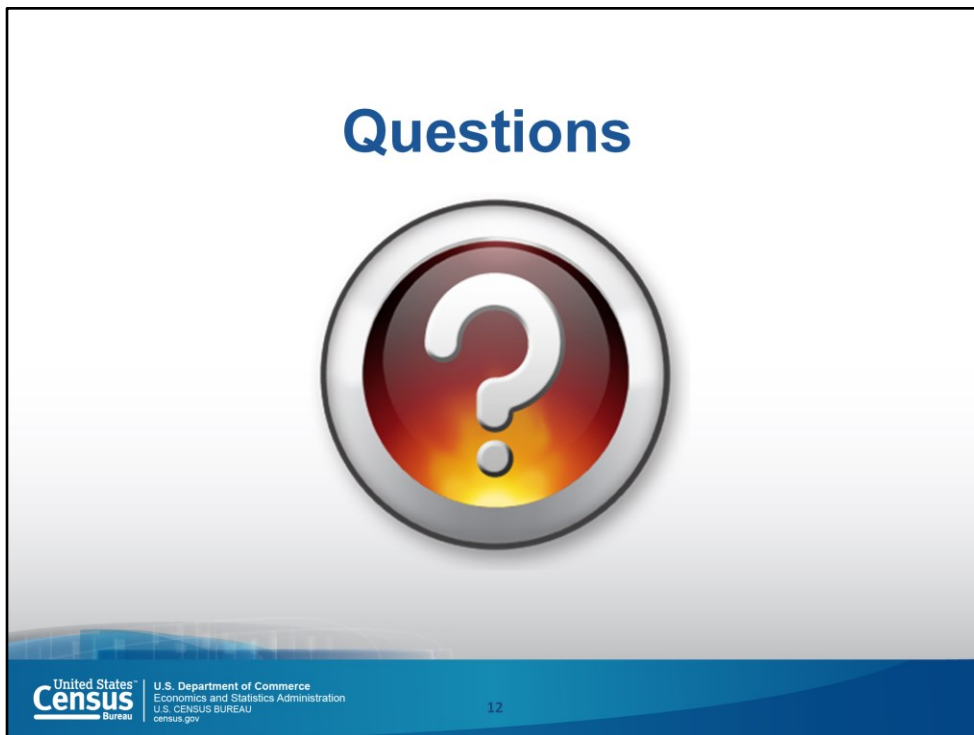
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These suppressions can be frustrating when you need data. Whenever we have to suppress the data we do give you two data points: the number of businesses and employment size range. Using these two data points the missing data can be approximated based on the assumption that those businesses are consistent with other businesses like them. In some industries, this strategy works well. For example, convenience stores are so homogeneous in terms of their ratios (e.g., number of employees, sales). They're so competitive, it's impossible for one to make significantly more than any other based upon their employment. In other industries (e.g., car dealers), it is probably not a good idea to impute the data. For example, if the average is based upon a bunch of Ford and Chevy and GM dealerships, and a Ferrari dealership is suppressed, the average is not going to be a good proxy for their sales.

But there is an upside of suppressions: quality. Because businesses know that we protect their privacy, they report much more accurately. Keep this point in mind when using data from other sources that have no privacy protection. For example, Google or Bing or Yelp show points on a map of gas stations and convenience stores and Starbucks. They have data for each of those stores. Think about how accurate those numbers are because those businesses don't have their privacy protected.



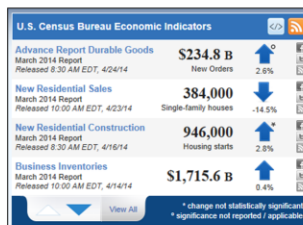
Is it clear which data is suppressed when you're looking at the tables?

Yes. When you're looking at the data tables, in a case where the data are suppressed, you will see the number of businesses, and you'll see a little letter with the employment size range, but then all the other cells will have a D in the table. D is for disclosure.

Regarding the disclosure process, it is done in two phases. First, cells are identified that have to be suppressed due to privacy (i.e., only two gas stations). Then the need for complimentary disclosure is assessed by looking for cases where there's only a small number of suppressions, resulting in the opportunity to take the total, subtract the published rows, and determine the suppressed row. In these situations, more suppressions are added to cover for the one that was required (i.e., complimentary disclosure). There is no way to tell when you look at the data tables which is the primary and which is the complimentary disclosure. The program that does this work is very complex and about thirty people are responsible it.

Census Economic Data

- Monthly and Quarterly Data
 - Leading Economic Indicators, like the *M3* and *Monthly Retail Sales*
- Annual Data
 - *Annual Survey of Manufactures*
 - *County Business Patterns*
- The *Economic Census* and Related Programs



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When you think about our economic programs, you can break them into broad categories. Monthly and quarterly data, annual data, and the Economic Census and our related programs. The first thing you need to know is that the more current the data, the less detailed it is. And that the opposite is also true; the less current the data, the more detailed it is.

Economic Programs - How are They Different?

	Monthly/Quarterly <i>example:</i> M3	Annual <i>example:</i> County Business Patterns	Every 5 Years Economic Census
<i>collection</i>	Sample survey	Administrative data	Census
<i>industries</i>	Selected <i>example:</i> NAICS 3121 – Beverage Manufacturing	2- thru 6-digit NAICS <i>example:</i> NAICS 312120 – Breweries	2- thru 6-digit NAICS <i>example:</i> NAICS 312120 – Breweries
<i>geographies</i>	US Only	US, State, Metro Area, County, ZIP Code	All* Geographies
<i>data variables</i>	Shipments, Inventories, & Orders	Number of businesses, employment, payroll	200+

For example, from the monthly and quarterly side, we publish a survey called the M3. It stands for manufacturer's shipments, inventories, and orders. It is one of the fourteen economic indicator surveys that the Census Bureau publishes. M3 is a sample survey that publishes selected NAICS data. It has national data only and three statistics: number or value of shipments, inventory, and orders. It is a very detailed and timely survey, but limited to nationwide only.

For annual data, county business patterns is fairly geographically detailed. Data are published down to the ZIP code level. The NAICS breakout is detailed to the 6-digit level. But the data items are limited to number of businesses, employment, and payroll. There are no sales data available from county business patterns.

Finally, every five years we conduct the economic census. It is a complete census, covering every NAICS code and all geographies. The asterisk signifies that "all" geographies has some caveats that I'll share in a moment. There are over 200 statistics published for the Economic Census, so the most detail.

“Employment” Economic Data

- Collected from **households vs businesses**
 - ACS – **Households for Primary Job**
 - Detailed data by **Occupation**
 - Limited data by **Industry**
 - Data primarily published by **residence**
 - Economic Programs – **Businesses for All Jobs**
 - No data by **Occupation**
 - Detailed data by **Industry**
 - Data only published by **business location**
- BLS data similar to Economic Programs, but...

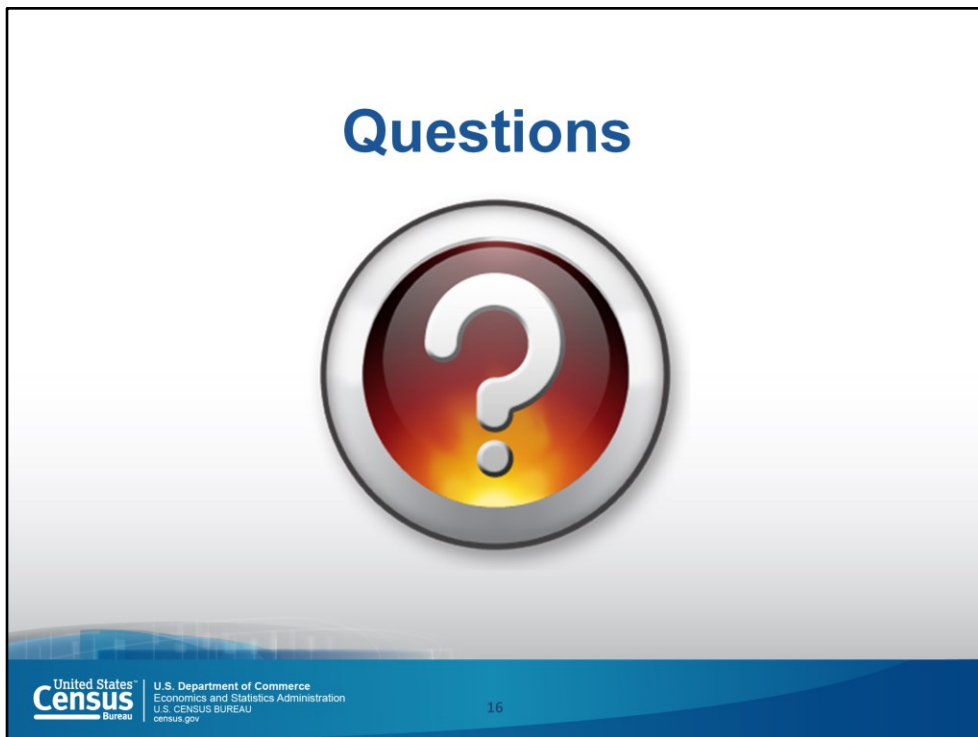
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The Census Bureau publishes employment “data” in two areas. The American Community Survey (ACS) and the Current Population Survey (CPS) publish a lot of employment data, including occupation and industry. The key point is that these two surveys collect data from households. And the question is “What is your **primary** occupation or job?” Primary is defined as where they make the most money, but that may or may not be the one that you put the most time into, nor the one that you most think of yourself as. My wife used to be a part time substitute teacher and also worked part time at a big garden center in our town. She most certainly thought of herself as a teacher, but that is not the industry she made the most money in, even though she worked at the garden center in the summer time. So for the ACS, she’s the employee of a garden center and not a teacher.

If you’re trying to measure the number of people who are working in your communities, the ACS and our demographic programs are the best source because each person is counted once.

For the Economic Program, business and employment data count the people in that business regardless if they work somewhere else as well.



Do we know if they're part-time employees, or the full-time equivalent?

With very few exceptions, the economic data include total numbers of employees with no adjustment to full-time equivalents.

Payroll per employee can reveal some changes in this area. In some industries payroll per employee is less than what it was the previous year or years prior. It is not because they are paying their employees less. It is because their employees are working fewer hours. This reason is reflected in wages because they are up.

“Employment” Economic Data (cont).

- Collected from **households vs businesses**
 - ACS – **Households for Primary Job**
 - Detailed data by **Occupation**
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The Bureau of Labor Statistics (BLS) publishes two sets of employment data. They publish the unemployment rate, which actually comes from the Current Population Survey (CPS), which is a household based survey, counting people one time whether or not they are employed in any industry.

The BLS also conducts the Quarterly Census Employment and Wages (QCEW), which is a business based survey, counting employees of a business and not individual people. This information is most similar to the economic census and our economic programs, with a couple exceptions.

The BLS relies on the business to assign their own NAICS code. At the Census Bureau, we don't let the business assign their own NAICS code, we assign it for them based on the data we collect about what they do, what they make, what they sell, and what services they provide. As a result, BLS data from QCEW may be different from the Economic Census.

“Employment” Economic Data (cont).

- Collected from **households vs businesses**
 - ACS – **Households for Primary Job**
 - Detailed data by **Occupation**
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To elaborate, some industries in NAICS are really simple. If you’re a grocery store, you probably know what your NAICS is. Not complicated. But other industries are not so simple. There are businesses that doing multiple things at a location. Which industry they are classified in depends on what the majority of the operation is.

For example, many agricultural support businesses not only sell supplies like (grain, seed, feed, and tractor parts), but also have a fertilizer blending operation at the same location. If a farmer is having an issue, they can test a soil sample, identify the problem, and prepare a custom fertilizer. So if more than 50% of the sales of that business comes from this kind of fertilizer blending operation as opposed to the wholesale portion, the entire business is classified as a manufacturer because fertilizer blending is considered manufacturing (according to NAICS). Businesses prefer to be classified as wholesale because manufacturers are required to comply with special EPA and OSHA rules (e.g., eye wash stations, containment fields, etc.). So when they are allowed to classify themselves for the BLS, they are probably counted as wholesalers, which results in differences compared to the Economic Census.

Despite this caveat, the BLS QCEW data is conceptually the same as the census business data. The advantage of QCEW is that it’s obviously more current. It’s quarterly.

Other Current Economic Surveys

- **Retail e-Commerce Sales (E-Stats)**
(census.gov/econ/estats/index.html)
- **Annual Capital Expenditures Survey**
(census.gov/econ/aces/index.html)
- **Information and Communication Technology Survey**
(census.gov/econ/ict/index.html)
- **Statistics of U.S. Businesses** (census.gov/econ/susb/index.html)
- **Business Dynamics Statistics**
(census.gov/ces/dataproducts/bds/index.html)
- **International Trade** (census.gov/foreign-trade/)
- **Census of Governments** (census.gov/govs/)

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Other Census Economic programs that you might find interesting include the ones listed on this slide.

E-Stats measures e-Commerce, which includes any transaction or sale from one business to another, as well as retail sales like Amazon.com. For example, when an auto manufacturer buys water pumps, body parts, or any other parts from a supplier and they order electronically with no paper changing hands, that is considered an e-Commerce sale.

ACES is a capital expenditure survey measuring how much companies are spending on capital spending and capital improvements. It is an indicator for what is going to happen in the economy in the future. When capital spending increases, it suggests that businesses are ramping up for the future.

ICT measures information on how much businesses are spending on communication information technologies.

Other Current Economic Surveys

- Retail e-Commerce Sales (E-Stats) (census.gov/econ/estats/index.html)
- Annual Capital Expenditures Survey (census.gov/econ/aces/index.html)
- Information and Communication Technology Survey (census.gov/econ/ict/index.html)
- Statistics of U.S. Businesses (census.gov/econ/susb/index.html)
- Business Dynamics Statistics (census.gov/ces/dataproducts/bds/index.html)
- International Trade (census.gov/foreign-trade/)
- Census of Governments (census.gov/govs/)

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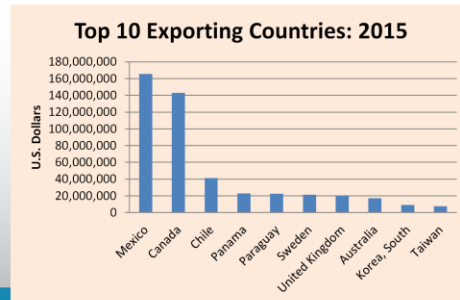
Statistics of U.S. Business (SUSB) publishes detailed statistics on business births, deaths, expansions, and contractions. While county business patterns shows net change without specifying the number of births and deaths, SUSB actually shows the components of that change. It shows how many truly brand new businesses are there, how many businesses died, how many businesses expanded their operation and opened more locations, and how many of them contracted and reduced the number of locations.

Business Dynamic Statistics (BDS) is interesting because it looks at business ownership over time. The Census Bureau maintains this database called the Business Register. It is a database that includes every single known business in the United States, and we can track ownership of a location over time. So if you just wanted to kind of understand how many companies have opened in California and have changed hands a certain number of times over the last 20 or 30 years, that kind of information is available in BDS.

The last two highlighted in red will now be covered in a little more detail.

International Trade

- **Main purposes**
 - Provide economic statistics about U.S. **exports** and **imports** at the **national**, **state**, and **port** levels
 - Data also published by **Commodity Classification**
 - Also responsible for issuing **export regulations** from the U.S.
- **Monthly and annual data**
- See census.gov/foreign-trade/data/index.html



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A lot of people don't realize that the Census Bureau publishes most of the import and export data from the federal government, the International Trade data. Data are published by where we are exporting to or importing from. Beer is shown here as one example. The chart on the bottom shows that we export a lot of beer to Mexico and Canada. This import/export data is available for national, state, metropolitan area, and port level. So you can look at exports from the port of San Diego by commodity classification and know exactly where those products are going to and coming from. Check out all the detail available using the link on this slide.

Statistics About Governments

- **Main purposes**
 - Provide economic statistics about governments at the federal, state, and local area levels
 - Serve as public-sector counterpart to private sector
 - Track activity of governments over time
- Response is **voluntary**
- Virtually **no confidentiality restriction**

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We also conduct a census of governments. The main purpose of our governments data is to provide a counterpart to the private sector data we publish. It is completely voluntary. You can create total of employment in your community by adding the businesses plus the government employment. For the census of governments, it is all public record. There are almost no confidentiality restrictions on the data, allowing for very detailed analysis (e.g., how much does the school system spend on school lunch programs).

Core Programs Content

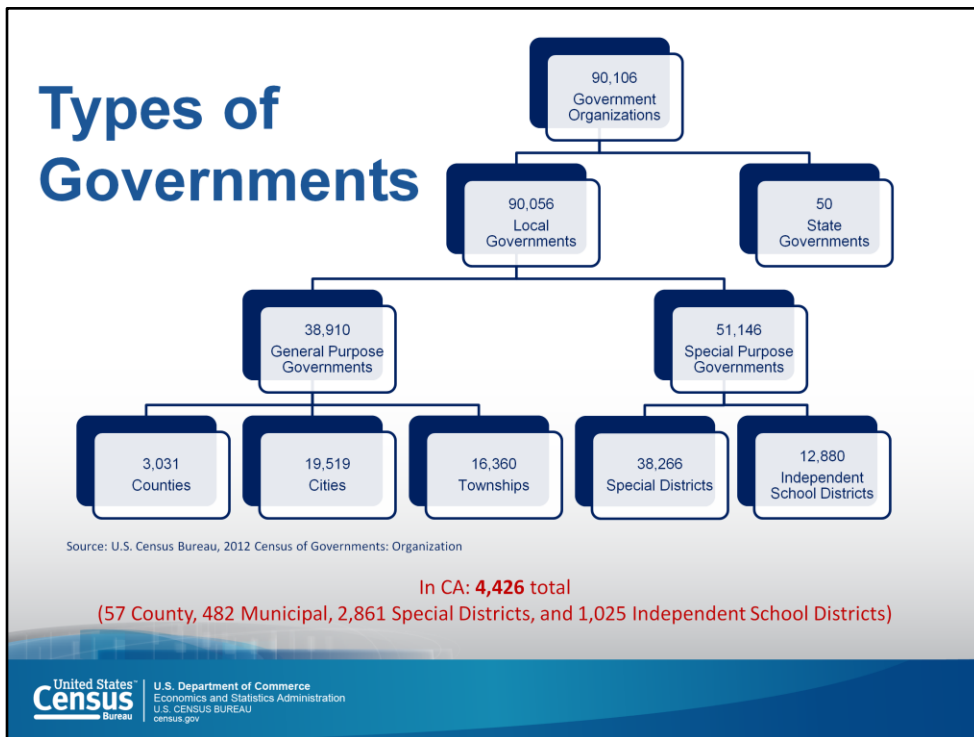
- **Organization and Structure** – Governments by type
- **Government Employment** - Full-time employees, Full-time gross payroll, Part-time employees, Part-time gross payroll, Computed FTE
- **Government Finances** - Revenue by type, Expenditure by character object & function, Debt term, Cash and Securities by type of holding

See <http://www.census.gov/govs/index.html> for more information

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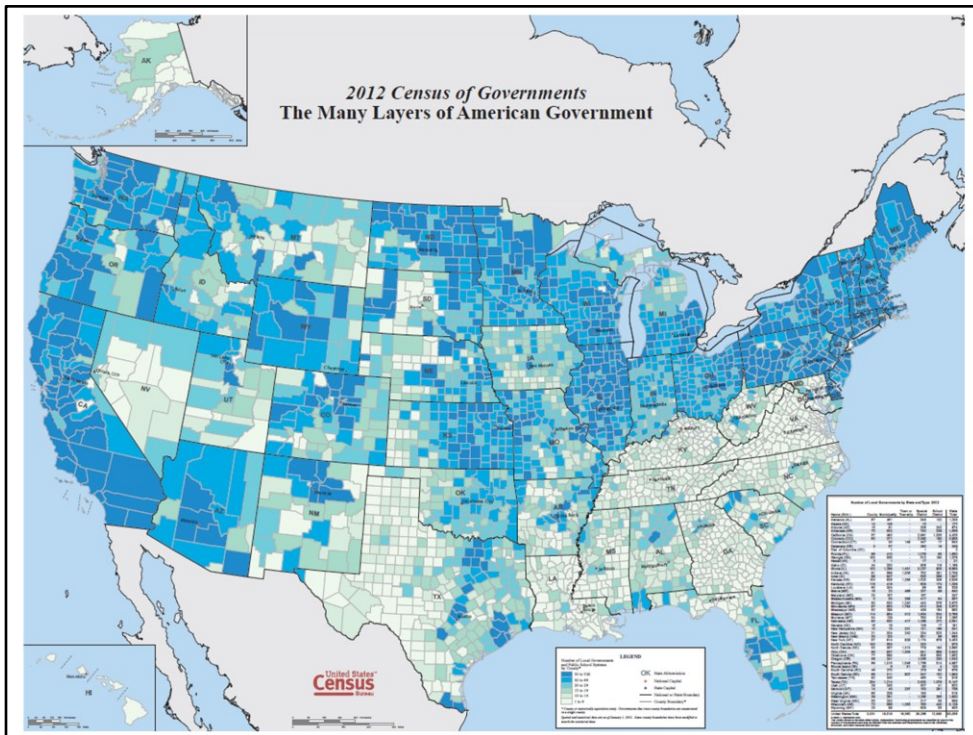
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The data are broken into three main categories. Organization and structure shows governments by type. Detailed data on government employment is also provided, including a full time equivalent conversion, as well as the regular, straight numbers. On the finances side, we have both revenue and expenditures data, as well as debt terms and holdings. Again, use the link on this slide to check it out.



This slide shows the hierarchies of government data available. Counties, cities, and townships are types of government, not geographic area. For example, if you were looking at San Diego County level government employee data, you are talking about employees that work for San Diego County government, but those employees may or may not be physically working in San Diego County. Those employees are an employee of that government type, not the geography. Keep this concept in mind when adding together the census of government data and business data.

At the bottom of the slide, you can see in California you have a many governments, 4,426 in total, 57 counties, 482 municipal governments, over a thousand special districts. These are organizations that act like a government (like a water district). They have governmental character, but they aren't normally what you would think of as a government.



This map show counts of governments by county. The darker shaded regions indicate more governments in the county than in the lighter-shaded regions.

Some states, like Maryland, have very few. There are a very small number of independent cities in Maryland. For example, Annapolis is the only incorporated city in the entire county. Some states like New York every single town has individual school systems, fire departments, police departments, trash removal, etc.

San Diego County and much of California is shaded in dark blue showing the large number of governments.

Sources of Tax Revenue

Percent Distribution of State Government Tax Revenue

Percent Distribution of State Government Tax Revenue											
	Total %	Sales Total	General Sales	Selective Sales	License Taxes Total	Income Taxes Total	Individual Income	Corporation Income	All Other Taxes Total	Property Taxes	Other Taxes
U.S. Average	100	47.5	31.3	16.2	5.9	41.2	35.9	5.3	5.3	1.6	3.7
Alaska	100	7.6	X	7.6	4.2	12.1	X	12.1	76.2	3.8	72.4
Delaware	100	15.1	X	15.1	41.0	41.5	32.8	8.8	2.4	X	2.4
Florida	100	82.1	60.7	21.4	6.0	5.8	X	5.8	6.1	<.01	6.1
Maryland	100	42.4	22.2	20.2	4.5	46.3	41.1	5.2	6.8	3.8	3.0
California	100	36.2	27.0	9.3	6.5	55.7	49.2	6.4	1.7	1.6	0.1

Source: U.S. Census Bureau, 2014 Survey of State Government Tax Collections



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For revenue data, here is one example of the data available. It shows the sources of tax revenue by type of where the taxes are coming from. Data for the nation are on the top line: 47.5% come from sales taxes, 31.3% general sales taxes, etc. Several other states are included for comparison.

Alaska has 76.2% of its taxes come from “all other” taxes, which includes severance tax (the amount the state charges companies drilling for oil and tapping into the pipeline). This large revenue source is why they have no income tax. They also do not have state sales tax (indicated by the X in that column).

In Delaware, 41% is license taxes. Delaware provides substantial incentives for companies to incorporate in Delaware. This revenue source allows Delaware to have no property taxes.

In Florida, 60.7% of their tax revenue comes from general sales tax, at least partially fueled by tourists, resulting in very low income tax and property taxes.

Percentages change over time, but often due to price changes of the goods, rather than tax rate changes. For example, as the price of gasoline goes up and down, the taxes that the state is collecting on gasoline sales similarly fluctuates. Percentages of the revenue received from taxes are very price dependent.

Economic Census

- Done on the years ending in “2” and “7” (2012 Economic Census dissemination kickoff in March 2014)
- Covers **employer businesses** in the U.S.
- Covers businesses in all NAICS sectors except:
 - Agriculture
 - Public Sector
 - Other selected exclusions (see census.gov/econ/census/help/naics_other_classification_systems/codes_not_covered.html)



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Moving on to the Economic Census. As previously mentioned, this survey is conducted in the years ending in 2 and 7, focusing on employer businesses with a couple exclusions. We do not count agriculture. The USDA took it over in 2007. If you want total number of businesses, you have to get the farms from USDA, National Agricultural Statistic Service, NASS, and add it to the business data we have from our programs. As discussed earlier, data on the public sector is provided through the Government Census.

The remaining exclusions are described at the link on this slide. For example, while government-owned businesses are excluded from the Economic Census because they are covered by the public sector government census, hospitals are counted even if government owned and operated. Otherwise, half the hospitals in the United States would be missing.

Another major exclusion is schools. Elementary schools, middle schools, high schools, colleges, and universities are excluded from the economic census in our education services sector because they are covered by the National Center for Education Statistics, the NCES. The Department of Education publishes all data for schools. The addition of the census of agriculture, the economic census, and the census of governments accounts for about 98% of all employer businesses in the U.S. So these exclusions are relatively small in terms of the number.

The Economic Census Offers...

- Over 200 unique industry statistics
- National-, state-, metro-, county-, place-, and ZIP Code-level data (varies by sector)
- Industry detail: 2- thru 6-digit NAICS codes
- Additional cross-tabs, including:
 - Business employment and sales size
 - Taxable and tax exempt business
- Very accurate

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The economic census provides lots of data for many geographies. Notice that place is highlighted in red on the geography list. The Census Bureau only publishes city and town economic data from the Economic Census. This source is the only one for local area data on businesses. Place level data is not published anywhere else. In a moment, place will be defined.

Full industry details are provided to the 6-digit NAICS code. Data are published at the employment and sales level.

There are limitations. We define a small business as one having 500 or fewer employees (equivalent to a very small auto assembly plant or a massive convenience store).

Also, for-profit and non-profit organizations are included, but this designation is not specified because what it means to be a non-profit varies from state to state and it constantly changes. Not just legally, but conceptually at each individual business location. One year it could be profit and the next non-profit. The closest we get is tax status. Data on taxable versus tax-exempt businesses. For example, the number of daycare centers or home healthcare businesses are taxable versus tax-exempt is a reasonable proxy for profit or non-profit. It is not an exact proxy because it is possible to be taxable and be non-profit or tax-exempt and to be a for-profit, but it is close enough.



Business.Census.Gov houses all the information related to the Economic Census. To get there from census.gov, go to the topics menu, select Economy, and then choose Economic Census. Or you can use the URL shown at the top of this slide.

Main Page

The screenshot displays the main page of the Economic Census website. At the top, the title "Main Page" is prominently displayed. Below it, the website header includes the "United States Census Bureau" logo, a search bar, and a navigation menu with categories like "Topics", "Geography", "Library", "Data", "Surveys/Programs", "Newsroom", and "About Us". The main content area features a secondary navigation bar with links such as "Home", "About", "What's New", "Finding Data", "Uses of Census Data", "Organizations", "Methodology", "American FactFinder", "Help Center", and "Contact Us".

The central focus is a "Fun Facts" section titled "Detailed geographic area statistics from the Economic Census are now being released. See what's been released or learn more about the Geographic Area Series." Below this is a graphic for the 2012 Economic Census, stating: "Just released from the 2012 Economic Census. There were 302 broomstick and casket manufacturing establishments in 2012; combined, these 2 industries employed 12,627 people and had a total value of shipments of \$3.6 billion." The graphic also includes the NAICS code 339994/339995 and the website business.census.gov.

On the right-hand side, there is a sidebar with several sections: "GET EMAIL UPDATES", "Release Schedule by Date", "Release Schedule by Quarter", "What's Been Released", "Upcoming Releases", and "Census Business Builder [Beta]".

At the bottom of the page, the footer contains the "United States Census Bureau" logo, the text "U.S. Department of Commerce Economics and Statistics Administration U.S. CENSUS BUREAU census.gov", and the page number "30".

This slide shows the main page. The right hand side is a good place to check on upcoming releases.

Advance Report

- National-level data at 2- and 3-digit NAICS
- Released on March 26th, 2014

FOR IMMEDIATE RELEASE: WEDNESDAY, MARCH 26, 2014

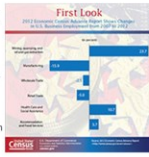
Mining, Quarrying, Oil and Gas Extraction Booming, According to First Results from the Census Bureau's 2012 Economic Census

From Utilities to Health Care to Manufacturing, Census Bureau Statistics Provide Look at U.S. Economy Since Recession

The mining, quarrying, and oil and gas extraction sector of the economy showed tremendous growth from 2007 to 2012 as the number of establishments rose by 26.4 percent, according to the 2012 Economic Census Advance Report released today by the U.S. Census Bureau.

These results provide the first comprehensive look at the U.S. economy since the 2007 recession. The economic census is the most authoritative and comprehensive source of information about U.S. businesses from the national to the local level. It provides the foundation and benchmark for gross domestic product, monthly retail sales, as well as other indicators of economic performance.

"The economic census is one of the Commerce Department's most valuable data resources," U.S. Secretary of Commerce Penny Pritzker said. "By providing a close-up look at millions of U.S. companies in thousands of industries, the economic census is an important tool that informs policy at the local, state and national level, and helps businesses make critical decisions that drive economic growth and job creation. At the Department of Commerce, one of the top priorities of our 'Open for Business Agenda' is to make our data easier to access and understand so that it can continue enabling startups, moving markets, protecting life and property, and powering both small and large businesses across the country."



2012 Economic Census: Advance Report Snapshot

Selected Preliminary Findings

Key Sector Findings
The Health Care sector was not only the largest employer in the U.S. in 2012 (with nearly 18.6 million employees) but this sector also reported the highest annual payroll (\$82.4 billion). The Wholesale Trade sector reported the most sales (\$7.2 trillion), and the Retail Trade sector had the largest number of businesses (nearly 1.1 million establishments).

Difference in Sales, Shipments, Receipts, or Revenue by Selected Sector, 2007 to 2012 (\$ billion)

Components of Health Care Sector Total Employment (Difference: 2009 to 2012)

Employment Statistics in Top 5 Economic Census Sectors in the U.S., 2007, 2012, & 2002

NAICS Code	Sector Title	2012	2007	2002	Change 2012-2007	2012	2007	2002	Change 2012-2007
81	Health care and social assistance	18,581,687	16,762,074	10,882,000	1,819,613	\$82,078	\$39,469	\$39,469	\$42,609
44-45	Retail trade	14,737,047	15,015,296	10,647,470	-278,249	\$25,706	\$23,284	\$23,025	\$2,421
72	Accommodation and food services	14,837,047	11,888,751	10,188,891	2,948,300	\$16,389	\$14,739	\$13,851	\$1,538
21-22	Manufacturing	11,288,896	10,988,870	14,888,838	3,000,026	\$22,888	\$42,819	\$35,191	-\$19,931
53	Wholesale trade	10,247,828	10,228,202	8,744,824	1,473,004	\$22,888	\$20,457	\$20,111	\$2,346

Note: All data are preliminary and subject to change. Details provided in reports. These data are comparable over time, comparable to other sectors, and available in tabular form in the U.S. Census Bureau's Interactive Data Center.

The Economic Census is the official, most accurate measure of nationwide economic activity. For more statistics on the industry, visit Business.census.gov.

Source: 2012, 2007, and 2002 Economic Census, Economic Well-Being Statistics File.

Census Bureau
Economic Data

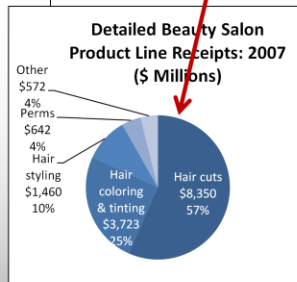


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Speaking of releases... It takes about a year and a half to release all the data from the Economic Census. The first report released was the Advance Report in March of 2014. Why the delay for 2012 data? The Economic Census of 2012 covered the period from January 1st to December 31st, 2012. Businesses had until March of 2013 to report. There were extensions through August because we really want to collect the data. As a result, our first publication was released about six months after we completed collection of the Economic Census.

Industry Series

- Started in **May 2014** (nearly complete)
- National-level** data only, but...
- More detailed NAICS**
- Products** data
- NAICS Changes...**



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After the Advance Report, the Industry Series is released including product line data. The charts here look at the product line sales of beauty salons. No surprise, the biggest chunk of the pie is for hair care services (75% in blue). The data are broken down into more detail. For example, hair salons include hair cuts, tinting, and styling, etc. As this example shows, the product line shows the different products or services that a business is providing. It allows a company to compare themselves to similar businesses.

Initially, this information is published at the national level and we are in the process of releasing state level data.

The data are tailored to each industry, but we do collect some data across every industry. For example, tobacco products are collected across a number of NAICS codes. You can use that data to understand the places where these products are being sold. What are the industries that sell these products? This information was helpful last year when the state of Maryland was debating increasing the tobacco taxes. They used the Census Bureau's product line data and identified that over 70% of the tobacco products sold in Maryland were sold in convenience stores (small businesses with less than five employees). The tax increase would be a significant impact these businesses, so they didn't go through with it.

The takeaway here is that you can use product line data to look at each industry and compare data across industries.

New Industries for the 2012 Economic Census

- New and emerging industries
 - Breakout of solar, wind, geothermal, and biomass electric power generation from All Other Electric Power Generation (NAICS 221119)
 - Stats:
 - Number of businesses: 673 in 2011 with 9,058 employees (435 in 2007)



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As mentioned at the beginning, NAICS changes. We have a couple of new industries. For the first time, we are publishing data on solar, wind, geothermal, and biomass electric power generation. So for the first time detailed data (e.g., employment, sales, etc.) is being published for all the wind farms in California.

These are the only new industries added for 2012. Since NAICS is related to the free trade agreement, discussions between the U.S., Canada, and Mexico determine the new emerging industries to include. They have to grow to a certain extent that they now have an identity to warrant us breaking out the data. These changes are actually posted in the Federal Registrar. In September, the notice was posted regarding the new industry changes for the 2017 NAICS classification system.

Industry Changes for the 2012 Economic Census

- Consolidations due to decrease in number of companies due to:
 - General **industry decline**
 - Company **consolidation** (mergers and acquisitions)
- Primarily impacts the **manufacturing** sector (178 industries)
- Stats:
 - Steel mills (880 in 2007, 570 in 2011)
 - Machine tools (579 to 626 (cutting type) and 292 to 312 (forming type))



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Some NAICS codes have been consolidated, mostly in the manufacturing sector. Consolidation occurs for two reasons.

Industry decline is well known when a large number of companies close in an industry, the ability to breakout that data is reduced, so the industry is consolidated. For example, there used to be a NAICS codes for men's sock manufacturing and women's sock manufacturing. Apparently, socks are not made in the United States anymore, so those two industries have been consolidated into sock manufacturers. This situation primarily occurs in manufacturing.

Consolidation can also occur when an industry is booming. This situation arises due to merges and acquisitions. As the number of companies in an industry decline because of mergers and acquisitions, it gets harder and harder to break out the data without revealing the identity of the company. For example, without naming names, there is a very large company based in Tacoma, Washington, starting with the letter B, that dominates the civilian commercial aircraft industry. As a result, it is getting very hard to publish data on aircraft manufacturing because they are essentially the only one left in the U.S. There are lots of military, about five or six companies making military planes, but not so much on the civilian side.

Other Industry Changes

- Changes to (and **consolidation** of) existing industries due to market change
- Primarily impact the **Retail** and **A&F** sectors
- **Stats**
 - Computer Stores: 12,411 in 2007, 10,292 in 2011
 - Camera Stores: 2,049 to 1,115
 - Music Stores: 4,496 to 2,379

2007 NAICS	2012 NAICS	NAICS Industry Title
	443142	Electronics Stores
443112		Radio, Television, and Other Electronics Stores
443120		Computer and Software Stores
443130		Camera and Photographic Supplies Stores
451220		Prerecorded Tape, Compact Disc, and Record Stores

Consolidation can also result from shopping patterns. This screenshot shows that radio, computer, camera, and music stores have been combined together into a new industry called Electronic Stores. They have been combined because these detailed industries are in decline, a number of them are closing.

The point to remember is that when you are comparing data for industries over time, you need to double check that the industries are comparable by looking at NAICS vintage. The codes change so much every five years that you could be comparing apples and oranges.

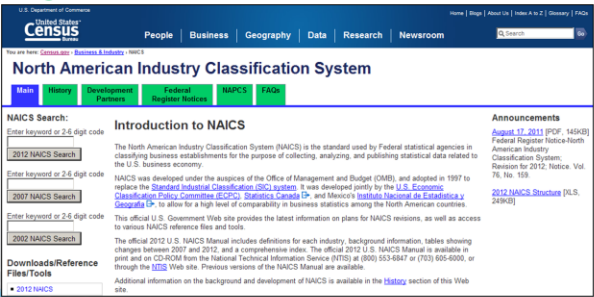
What's New Page

The screenshot shows the 'What's New' page of the Economic Census website. At the top, the title 'What's New Page' is displayed in red and blue. Below it, the website header includes the 'Economic Census business.census.gov' logo and a navigation menu with buttons for 'Main', 'About', 'What's New' (highlighted with a red circle), 'Finding Data', 'Uses of Census Data', 'Organizations', 'American FactFinder', 'Help Center', and 'Contact Us'. The main content area features a secondary navigation bar with 'People', 'Business', 'Geography', 'Data', 'Research', and 'Newsroom'. A search bar is located on the right. The page content is divided into two columns. The left column, titled 'In this section:', lists various updates such as 'Geographic Updates', 'History of the Economic Census', and 'New for 2012'. The right column, titled 'New for 2012', includes a 'Print' button, a 'Share this page' button, and a 'Connect with us' button. Below this, a paragraph states: 'The 2012 Economic Census features a number of important changes from its predecessor, the 2007 Economic Census, that affect data users. See below for more information.' Five icons represent different update categories: 'Industry Classification Updates', 'Product Classification Updates', 'Geographic Updates', 'New Enterprise Statistics', and 'Reporting Changes'. The footer contains the 'United States Census Bureau' logo, the 'U.S. Department of Commerce Economics and Statistics Administration' text, and the website URL 'U.S. CENSUS BUREAU census.gov'. A page number '36' is visible in the bottom right corner of the footer area.

All this information about industry changes are available on the 'What's New' page. Check it out. There is all kinds of information there.

Where Else Can I Go for More Information?

- NAICS web site (<http://www.census.gov/eos/www/naics/>)
 - Industry definitions and Concordance tables
 - Relationships to other systems
 - *Federal Register Notices*



The screenshot shows the 'North American Industry Classification System' page on the Census Bureau website. It features a search bar with three input fields for 2012, 2007, and 2002 NAICS codes. The page includes a navigation menu with 'Federal Register Notices' highlighted, and an 'Introduction to NAICS' section. The introduction explains that NAICS is the standard used by Federal statistical agencies for classifying business establishments. It also mentions that the official 2012 U.S. NAICS Manual is available in print and on CD-ROM from the National Technical Information Service (NTIS).

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There is also a NAICS website that has the federal registrar notices. The changes planned for 2017 can be found here.

Finding Data Page

A new home
for the ISP

U.S. Department of Commerce
United States Census Bureau
People | Business | Geography | Data | Research | Newsroom

You are here: Census.gov > Business & Industry > Economic Census > Finding Data
business.census.gov

Industry Statistics Portal

Find Economic Data by Industry

Find Economic Data by Geography

Find Economic Data by Topic

Topics (NAICS industry, year, dataset, ...)

Want to learn more? Visit the Data Help Center.

Want to learn more? Visit the Industry Classifications Help Center.

Want to learn more? Visit the Geography Help Center.

Want to learn more? Visit the Demographic Data landing page.

... and the Snapshots
(<http://www.census.gov/econ/snapshots/index.php>)

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There is a 'Finding Data' page on Business.Census.Gov. A tool called the 'Industry Statistics Portal' (ISP) is located here. The ISP is a great resource, providing access to all of the programs at the Census Bureau that publish data for a certain industry.

For example, if you are interested in dog food manufacturers, a search for dog food here would result in a list of every program that the Census Bureau has regarding dog food manufacturing with links to the data.

The comparability information also is located here. Every NAICS change that has occurred from 1977 all the way to 2012.

Industry snapshots also can be accessed here. These snapshots provide a profile of an industry at the national, state, and county level.

Geographic Area Series

- Kicked off on **January 27, 2015** with release of **Manufacturing data**
- **National-, state- county-, metro area-, and economic place-level data**
- **Full NAICS detail**
- **LOTS of Changes...**



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Now, we can talk about local area data.

New Places

- 2007 EC cutoff: **5,000+** pop or jobs
- 2012 EC cutoff: **2,500+** pop or jobs
- Results in over **5,000** new places published for 2012
- 245** added for CA (now 890)

2012 Economic Census

Economic Place Changes from 2007 to 2012 for: California

Summary Information:

No. Places in 2007:	662
No. Places Added for 2012:	245
No. Places Dropped for 2012:	17
No. Places in 2012:	890

Added Places (Cross-over place parts highlighted in blue)

COUNTY Code	TITLE	PLACE Code	TITLE	COUNTY Code	TITLE	PLACE Code	TITLE
000	Cross-Over Place Total	02812	Aromas CDP			06928	Blackhawk CDP
005	Amador County	36980	Jackson city			16090	Contra Costa Centre CDP
		77392	Sutter Creek city			17274	Crockett CDP
007	Butte County	38024	Kelly Ridge CDP			21061	East Richmond Heights CDP
		02770	Arnold CDP			38086	Kensington CDP
		16210	Copperopolis CDP			48718	Montalvin Manor CDP
009	Calaveras County	59426	Rancho Calaveras CDP	013	Contra Costa County	52162	North Richmond CDP
		64420	San Andreas CDP			54764	Pacheco CDP
		81890	Valley Springs CDP			60279	Reliez Valley cdp
		02112	Angels city			62700	Rollingwood CDP
011	Colusa County	02420	Arbuckle CDP			68263	San Miguel CDP
		85586	Williams city			70266	Saranap CDP
						82842	Vine Hill CDP

As mentioned earlier, data are published at the place level. The Census Bureau has historically used a cut off of 5,000 population or 5,000 jobs to qualify as an economic place. For the 2012 Economic Census, it was reduced 2,500. As a result, over 5,000 places were added nationally and 245 in California. This screenshot is of a document that lists every new place added in California. In a moment, I'll show you where you can get them.

Place Changes

- Adds / Drops
- Boundary Changes
- New Incorporations / Unincorporations

2012 Economic Census - GeoNotes File for California

(List of all newly-recognized places for the 2012 Economic Census and all places with any change from the 2007 Economic Census)

2012				2007				Description of Change (2007 to 2012)	Change Date
Economic Place Long (LSAD) Name	EOPLACE Code	COUNTY code	COUNTY Name	Economic Place Long (LSAD) Name	EOPLACE Code	COUNTY code			
Action CDP	02012	037	Los Angeles	Balance of Los Angeles County	86037	037	New qualifying place	01/01/2012	
Agua Dulce CDP	00450	037	Los Angeles	Balance of Los Angeles County	86037	037	New CDP	01/01/2010	
Alamo CDP	00618	013	Contra Costa	Alamo CDP	00618	013	Area loss	01/01/2008	
Alturas city	01444	049	Modoc	Balance of Modoc County	86049	049	New qualifying place	01/01/2012	
Alum Rock CDP	01458	085	Santa Clara	Alum Rock CDP	01458	085	Area loss	01/01/2010	
Ames CDP	01651	067	Santa Cruz	Balance of Santa Cruz County	86067	067	New qualifying place	01/01/2012	
Angels city	02112	009	Calaveras	Balance of Calaveras County	86009	009	New qualifying place	01/01/2012	
Angelen CDP	01168	055	Napa	Balance of Napa County	86055	055	New qualifying place	01/01/2012	
Antelope CDP	02210	067	Sacramento	Balance of Sacramento County	86067	067	New CDP	01/01/2008	
Antioch city	02252	013	Contra Costa	Antioch city	02252	013	Area gain	01/01/2010	
Arden CDP	02294	068	Riverside	Balance of Riverside County	86068	068	New CDP	01/01/2010	
Apple Valley town	02354	071	San Bernardino	Apple Valley town	02354	071	Area gain	01/01/2010	
Aptos CDP	02378	087	Santa Cruz	Aptos CDP	02378	087	No longer includes all or part of one or more new qualifying entities	01/01/2010	
Arbutuck CDP	02420	011	Colusa	Balance of Colusa County	86011	011	New qualifying place	01/01/2012	
Arden-Arcade CDP	02553	067	Sacramento	Arden-Arcade CDP	02553	067	Area loss	01/01/2010	
Armona CDP	02700	031	Kings	Balance of Kings County	86031	031	New qualifying place	01/01/2012	
Arnold CDP	02770	009	Calaveras	Balance of Calaveras County	86009	009	New qualifying place	01/01/2012	
Arroyas CDP	02812	000		Balance of San Benito County	86000	000	New qualifying place	01/01/2012	
Arroyas CDP	02812	053	Monterey	Balance of Monterey County	86053	053	New qualifying place	01/01/2012	
Arroyas CDP	02812	069	San Benito	Balance of San Benito County	86069	069	New qualifying place	01/01/2012	
Autumn Lake Trails CDP	03205	017	El Dorado	Balance of El Dorado County	86017	017	New CDP	01/01/2010	
Avalon city	03274	037	Los Angeles	Balance of Los Angeles County	86037	037	New qualifying place	01/01/2012	
Bakersfield city	03526	029	Kern	Bakersfield city	03526	029	Area gain/area loss	01/01/2010	
Bainbow city	04030	071	San Bernardino	Bainbow city	04030	071	Area gain	01/01/2010	
Bay Point CDP	04415	013	Contra Costa	Bay Point CDP	04415	013	Area loss	01/01/2010	
Bayview CDP	04478	023	Humboldt	Balance of Humboldt County	86023	023	New qualifying place	01/01/2012	
Beer Valley Springs CDP	04734	029	Kern	Balance of Kern County	86029	029	New qualifying place	01/01/2012	
Bella Vista CDP	04926	089	Shasta	Balance of Shasta County	86089	089	New CDP	01/01/2010	
Ben Lomond CDP	05302	087	Santa Cruz	Balance of Santa Cruz County	86087	087	New qualifying place	01/01/2012	
Big Bear City CDP	06406	071	San Bernardino	Balance of San Bernardino County	86071	071	Area gain	01/01/2010	
Bishop city	06798	027	Inyo	Balance of Inyo County	86027	027	New qualifying place	01/01/2012	
Blackhawk CDP	06928	013	Contra Costa	Blackhawk-Carmelo-Tataspara CDP	06933	013	Area loss/Name and FIPS code change	01/01/2010	
Bloomington CDP	07064	071	San Bernardino	Bloomington CDP	07064	071	Area gain/area loss	01/01/2010	
Bonny Doon CDP	07470	087	Santa Cruz	Balance of Santa Cruz County	86087	087	New CDP	01/01/2010	
Bonsall CDP	07488	073	San Diego	Balance of San Diego County	86073	073	New qualifying place	01/01/2012	
Bonnie Springs CDP	07596	073	San Diego	Balance of San Diego County	86073	073	New qualifying place	01/01/2012	
Boulder Creek CDP	07652	087	Santa Cruz	Balance of Santa Cruz County	86087	087	New qualifying place	01/01/2012	

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Place boundaries also change, which impacts comparisons over time. For example, if you want to determine how much the economy has changed for a geographic area, you need to take into account the boundary change that may or may not have occurred there. Growth or a decline may be more of a function of a boundary change than any real growth or real decline. Place change files, GeoNotes files, compare the geographic boundaries in 2007 to 2012 and highlight where the boundary of that area changed. The detailed breakouts give you the ability to determine what small or large changes mean for the place. This tool helps you to figure that out.

Metro Changes

- New CSAs
- Changed CSAs
- Changed Metro and Micro Areas
- Unchanged Metros

2012 vs. 2007 California Metro Areas and Their County Components						
TITLE	Notes	CSA code	MSA code	MD code	ST code	COUNTY code
Combined Statistical Areas and Their Component Metro and Micro Areas and Counties						
Fresno-Madera, CA CSA						
No changes for 2012 to 2007 Combined Statistical Area, component Metro Areas, or counties						
Fresno, CA Metro Area		260	00000	99999	06	
Fresno County		260	23420	99999	06	
Madera, CA Metro Area		260	31460	99999	06	019
Madera County		260	31460	99999	06	039
Los Angeles-Long Beach, CA CSA						
2007 Combined Statistical Area, with a 2007 Metro Area and a Metro Division reconfigured						
Los Angeles-Long Beach-Anaheim, CA Metro Area		348	31080	00000	06	
Anaheim-Santa Ana-Irvine, CA Metro Division		348	31080	11244	06	
Orange County	In MSA 31100 and MD 42044 in 2007	348	31080	11244	06	059
Los Angeles-Long Beach-Glendale, CA Metro Division		348	31080	31084	06	
Los Angeles County	In MSA 31100 in 2007	348	31080	31084	06	037
Ontario-Thousand Oaks-Ventura, CA Metro Area		348	37100	99999	06	
Ventura County		348	37100	99999	06	111
Riverside-San Bernardino-Ontario, CA Metro Area		348	40140	99999	06	
Riverside County		348	40140	99999	06	065
San Bernardino County		348	40140	99999	06	071
Modesto-Merced, CA CSA						
New Combined Statistical Area, comprised of two 2007 Metro Areas						
Merced, CA Metro Area		382	32900	99999	06	
Merced County	Not in a CSA in 2007	382	32900	99999	06	047
Modesto, CA Metro Area	Not in a CSA in 2007	382	33700	99999	06	
Stanislaus County	Not in a CSA in 2007	382	33700	99999	06	099
Redding-Red Bluff, CA CSA						
New Combined Statistical Area, comprised of a 2007 Metro Area and a 2007 Micro Area						
Red Bluff, CA Metro Area		454	39780	99999	06	
Tehama County	Not in a CSA in 2007	454	39780	99999	06	103
Redding, CA Metro Area	Not in a CSA in 2007	454	39820	99999	06	
Shasta County	Not in a CSA in 2007	454	39820	99999	06	089
Sacramento-Roseville, CA CSA						
2007 Combined Statistical Area, comprised of part of a 2007 Combined Area (remainder in 2012 CSA 456)						
Sacramento-Roseville-Arden-Arcade, CA Metro Area		472	40900	99999	06	
El Dorado County		472	40900	99999	06	017
Placer County		472	40900	99999	06	061
Sacramento County		472	40900	99999	06	067
Yolo County		472	40900	99999	06	113
Truckee-Grass Valley, CA Metro Area		472	46020	99999	06	
Nevada County		472	46020	99999	06	057
Yuba City, CA Metro Area		472	49700	99999	06	
Sutter County		472	49700	99999	06	101
Yuba County		472	49700	99999	06	115

Metro areas also change. These change note files compare the changes.

Reference Maps - SANDAG



San Diego Carlsbad, CA Metropolitan Statistical Area

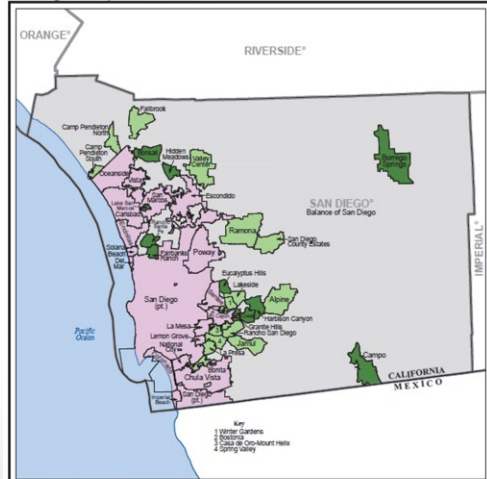
LEGEND

SAN DIEGO-CARLSBAD: 2012 Metropolitan Statistical Area
 SAN DIEGO-CARLSBAD: 2012 Primary City
 SAN DIEGO-CARLSBAD: 2012 Metropolitan Statistical Area
 CALIFORNIA: State or Statistical Equivalent
 ORANGE: County or Statistical Equivalent

2012 Metropolitan Statistical Area, County and CMAA boundaries are shown as of February 2012. 2012 Metropolitan Statistical Area boundaries are shown as of January 2012. 2012 Metropolitan Statistical Area boundaries are shown as of January 2012. 2012 Metropolitan Statistical Area boundaries are shown as of January 2012.

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San Diego County, CA - Economic Places



Location in State

Legend

Incorporated Places
 Places included in the 2007 and 2012 Economic Census (purple)
 Places added to the 2012 Economic Census (dark green)

Census Designated Places/Other Statistical Areas
 Places included in the 2007 and 2012 Economic Census (light green)
 Places added to the 2012 Economic Census (medium green)

Balance of San Diego
 County/County Balance (gray)

Other Boundaries
 Dropped Economic Place (dashed line)
 State or Statistical Equivalent (solid line)
 County or Statistical Equivalent (dotted line)
 Pacific Ocean (blue)
 Water/Coastline (light blue)

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The Census Bureau loves maps. The example on the left shows San Diego county. On the right, the dark green shaded areas are the towns that were added. The light green ones are census designated unincorporated cities and the purple ones are the incorporated areas. The big gray area called “Balance of San Diego County” includes the places that do not meet the threshold to be broken out in the 2012 Economic Census, as well as unpopulated areas.

More Sectors

2012 Economic Census Geographic Coverage

Economic Census Sector	States	Metro Areas	Coun-ties	Places	ZIPs
21: Mining	X				
22: Utilities	X	X	X	X	
23: Construction	X				
31-33: Manufacturing	X	X	X	X	
42: Wholesale Trade	X	X	X	X	
44-45: Retail Trade	X	X	X	X	X
48-49: Transportation and Warehousing	X	X	X	X	
51: Information	X	X	X	X	
52: Finance and Insurance	X	X	X	X	
53: Real Estate and Rental and Leasing	X	X	X	X	
54: Professional, Scientific, and Technical Services	X	X	X	X	X
55: Management of Companies and Enterprise	X				
56: Admin. and Support and Waste Management and Remediation Services	X	X	X	X	X
61: Educational Services	X	X	X	X	X
62: Health Care and Social Assistance	X	X	X	X	X
71: Arts, Entertainment and Recreation	X	X	X	X	X
72: Accommodation and Food Services	X	X	X	X	X
81: Other Services (Except Public Administration)	X	X	X	X	X

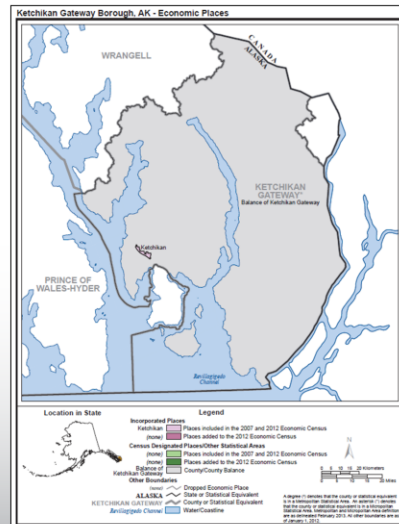
X – New for 2012

This table shows the level of geography available for each economic sector. For example, for mining, the data are published at the national and state level only. For other sectors like retail trade, every geographic area is available: state, metro, county, place, and ZIP code. The areas highlighted in red indicated information that is new for the 2012 Economic Census. For the first time, county and place data are being published for Utilities, Transportation and Warehousing, and Finance and Insurance.

Some of you may be wondering why the Construction sector is available at the state level only. The reason is that Construction is not a true census. It's actually a sample survey because the lengthy survey (15 pages) is more than small construction businesses are willing to complete. As a result, the sample size is not large enough to allow for publication at the smaller geographic levels. However, the Census Bureau conducts other construction surveys that do publish local area data. Building permits and housing starts data are provided at the permit issuing area level.

Other Geographic Changes

- **No pub cutoffs**
- **6 New Counties in AK**
- **Planning Areas in PR**
- **Geographic Components**
 - Offshore Areas
 - “Statewide” Areas
 - Non-Metro Areas



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This slide lists the other geographic changes. The most important one is that all publication cutoffs have been eliminated. Historically, we had used publication cutoffs to determine the minimum amount of activity that was required to make the cut to be in a publication when everything was in hard copy books. It was cost prohibitive to print books when the activity was small. For example, no one wanted to pay \$500 for a 5,000 page book. Now that everything is shared electronically, all data are published. In California, we are publishing over 40% more data than in the past.

2012 EC Geo Reference info

In this section:

- Countries
- Geographic Coverage Tables
- Metropolitan and nonmetropolitan Areas
- Offshore Areas
- Places
- Puerto Rico Planning Regions
- Regions and Divisions
- States
- ZIP Codes
- Geography Changes for the 2012 Economic Census

Help Center Page

The screenshot shows the Economic Census Help Center page. The left sidebar contains a list of topics, with 'Geography Changes for the 2012 Economic Census' circled in red. The main content area features a 'Help Center' header and several article tiles. The 'Understanding Geography' tile, which includes a map of the United States, is also circled in red. Other tiles include 'The American Factfinder Help Center', 'Understanding Industry Classification Systems', 'Methodology and Disclosure Help Center', and 'Understanding Economic Data'.

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The help center provides guidance regarding geographies.

What's Coming

- Subjects and Summary Series
 - Summary Reports
 - Product Lines
 - Estab & Firm Size
 - Miscellaneous Subjects
- ZIP Code Statistics



The Census Bureau is in the process of finishing off the Economic Census Summary Reports, Product Lines, Establishment and Firm Size reports, and Miscellaneous Subjects, which include tables that are very specialized to certain industries. For example: hotels by number of beds or gas stations by the number of pumps.

The last thing to be released is the data by ZIP code. As previously mentioned, there are eight sectors with data available at the ZIP code level data.

Census-Related Programs

- **Commodity Flow Survey (CFS)** - Selected national- and finer-level data on the movement of products across the U.S. by mode of transportation (plus other breakouts). (<http://www.census.gov/econ/cfs/>)
- **Economic Census of Island Areas** – Selected industry, product, and other data for American Samoa, Guam, the Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands. (<http://www.census.gov/econ/islandareas/>)
- **Survey of Business Owners (SBO)** – Selected national- and finer-level industry data for women- and minority-owned businesses and the characteristics of all businesses and their owners. (<http://www.census.gov/econ/sbo/>)

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These programs are related to the Economic Census.

- The Commodity Flow Survey (CFS) is conducted for the Department of Transportation to track the movement of commodities across the country by commodity, by distance, by weight, by mode, etc.
- The census of island areas covers the five U.S. territories.
- Finally, the Survey of Business Owners is our one economic program that includes demographics and economics together. It publishes data on the race, ethnicity, veteran status, and gender of the business owner.

Summary

- Census economic data can help you and your customers understand the California economy
- The **2012 Economic Census** provides a wealth of data for you and your users
 - Most are **released**
 - More **coming**
- **business.census.gov** site has a lot of useful materials for you and your users

This slide summarizes the main points from this portion of the presentation.

Thank You

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If you have any questions, here is my contact information.