South Dakota State Data Conference
Pierre SD October 12, 2017

Census data tools: American Fact Finder

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21st Century Expectation: Anywhere, Anytime Access

Meet users’ expectations:
• 24/7 access to data
• Easy Access
• Timely
• Relevant

Census.Gov
Data Available on Census.gov

Decennial Census Data
- 100% Data
- 10 Questions, 10 Minutes

American Community Survey Estimates
- 1 year (65,000+)
- 5 year (all pop)

Business Datasets
- Economic Census
- NAICS
- County Business Patterns
- Foreign Trade Data
- Survey of Construction
- Economic Indicators
- Business Dynamics Statistics
Decennial Census Data

100% Data
- Not a Sample but a count of everyone.

Short Form Only in 2010
- 10 Questions, 10 Minutes

2010 Census Data Items:
- Race, Ethnicity, Sex, Age, Household Relationship, Housing Tenure (own or rent)

Geography:
- Data is fully available at all levels of geography.
The American Community Survey

https://www.census.gov/programs-surveys/acs.html

- Largest U.S. survey 3.5 Million Homes Annually
- Covers 35 topics and supports over 300 known Federal Government uses
- Four Key Characteristics
  - Social
  - Economic
  - Housing
  - Demographic
- Margin of Error
- 1, and 5 Year Data Sets Estimates
- Helps inform decision makers
- Has four data collection modes: Internet, Mail, Telephone, Personal Visit
- Geography Limitations
  - 1 Year above 65K
  - 5 Year all populations
- More than $675 billion are allocated based on Census Bureau data,
The Economic Census

- Conducted every five years
- Comprehensive Business Information
- Statistics on 1,000+ Industries
- Electronic Reporting Available
- Responses are Confidential
Other Census Surveys

- Survey of Business Owners
- Current Population Survey
- National Crime Victimization Survey
- Consumer Expenditure
- Survey of Income and Program Participation
- American Housing Survey
- Census of Governments
The U.S. Census Bureau conducts more than 130 surveys each year, including our nation’s largest household survey, the **American Community Survey** and the largest business survey, **Annual Retail Trade**.

2015 Census Tests
American Community Survey (ACS)
American Housing Survey (AHS)
American Time Use Survey (ATUS)
Beginning Teacher Longitudinal Study (BTLS)
Consumer Expenditure Survey (CE)
Current Population Survey (CPS)
Housing Vacancy Survey (HVS)
Identity Theft Supplement - part of the National Crime Victimization Survey (NCVS)
La Encuesta sobre la Comunidad Estadounidense
National Ambulatory Medical Care Survey (NAMCS)
National Crime Victimization Survey (NCVS)
National Health Interview Survey (NHIS)
National Hospital Ambulatory Medical Care Survey (NHAMCS)
National Household Education Survey (NHES)
National Survey of Children’s Health
National Survey of College Graduates (NSCG)
National Survey of Fishing, Hunting, and Wildlife-Associated Recreation (FHWAR)
New York City Housing and Vacancy Survey (NYCHVS)
Police Public Contact Survey (PPCS)
Population & Housing Census
Principal Follow-up Survey (PFS)
Private School Universe Survey (PSS)
Puerto Rico Community Survey
Rental Housing Finance Survey (RHFS)
Residential Finance Survey (RFS)
School Crime Supplement (SCS)
School Survey on Crime and Safety (SSOCS)
Schools and Staffing Survey (SASS)
Special Census Program
Survey of Income and Program Participation (SIPP)
Survey of Market Absorption of New Multifamily Units (SOMA)
Teacher Follow-Up Survey (TFS)
Telephone Point of Purchase Survey (TPOPS)

2012 Economic Census
2012 Economic Census (NC-99023 and NC-99026 forms)
Academic Libraries Survey
Advance Monthly Sales for Retail and Food Services (MARTS)
Annual Capital Expenditures Survey (ACES)
Annual Parole Survey & Annual Probation Survey
Annual Retail Trade Survey (ARTS)
Annual Services Report (Service Annual Survey)
Annual Survey of Jails
Annual Survey of Manufacturers (ASM)
Annual Survey of Public Employment & Payroll (APES)
Annual Survey of School System Finances
Annual Survey of State Government Tax Collections (STC)
Annual Survey of State and Local Government Finances
Annual Wholesale Trade Survey (AWTS)
Building Permits Survey (BPS)
Business Dynamics Statistics (BDS)
Business R&D Surveys
Business and Professional Classification Survey (SQ-CLASS)
Census of Governments
Census of Jails
Census of Juveniles in Resident Placement (CIRP)
Census of State and Federal Adult Correctional Facilities
Commodity Flow Survey (CFS)
Common Core of Data (CCD)
Construction Progress Reporting Survey (CPRS)
County Business Patterns (CBP)
Deaths in Custody Reporting Program (DCRP)
Directory Survey of Local Governments
Export Statistics
Exports from Manufacturing Establishments
Federal Assistance Awards Data System

Federal Audit Clearinghouse (FAC)
Import Statistics
Information & Communication Technology Survey (ICTS)
Justice Assistance Data Survey
Juvenile Residential Facility Census (JRFC)
Local Government School System Finance Survey
Management and Organizational Practices Survey (MOPS)
Manufactured Homes Survey (MHS)
Manufacturers’ Shipments, Inventories, and Orders Survey (M3)
Manufacturers’ Unfilled Orders Survey (M3UFO)
Manufacturing Energy Consumption Survey (MECS)
Medical Expenditure Panel Survey (MEPS)
Monthly Retail Trade Survey (MRTS)
Monthly Wholesale Trade Survey (MWTS)
National Juvenile Justice Directory Program
National Prisoner Statistics (NPS)
Nonemployer Statistics
Public Libraries Survey (PLS)
Quarterly Financial Report (QFR)
Quarterly Services Survey (QSS)
Quarterly Summary of State and Local Government Tax Revenue (QTAX)
Quarterly Survey of Plant Capacity Utilization (QPC)
Quarterly Survey of Public Pensions
Quarterly Workforce Indicators (QWI)
Report of Organization (COS)
State Library Agencies Survey
Statistics of U.S. Businesses (SUSB)
Survey of Business Owners and Self-Employed Persons (SBO)
Survey of Construction (SOC)
Survey on Sexual Violence (SSV)
Value of Construction Put in Place
The standard hierarchy of census geographic entities displays the relationships between legal, administrative, and statistical boundaries maintained by the U.S. Census Bureau.
From Census.gov select the data tab, then American Fact Finder. Select Advanced Search.
American FactFinder
Advanced Search

http://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t
To search for tables and other files in American FactFinder:

Enter search terms and an optional geography and click GO.

Enter a street address, city and state, or a street address and ZIP code. Click 'Go'.

Note: Address search will use the latest available address data beginning with 2016 and working backwards.

street address: 925 E. Sioux Ave
City: Pierre
State: South Dakota
ZIP

Geographies containing 925 E. Sioux Ave, PIERRE, SD, 57501:
Select geographies to add to Your Selections

<table>
<thead>
<tr>
<th>Geography Name</th>
<th>Geography Type</th>
<th>Geography Code</th>
<th>About</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northeast Region</td>
<td>Region</td>
<td>020</td>
<td></td>
</tr>
<tr>
<td>West North Central Division</td>
<td>Division</td>
<td>030</td>
<td></td>
</tr>
<tr>
<td>South Dakota</td>
<td>State</td>
<td>460</td>
<td></td>
</tr>
<tr>
<td>Hughes County, South Dakota</td>
<td>County</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td>Pierre city, Hughes County, South Dakota</td>
<td>City</td>
<td>501</td>
<td></td>
</tr>
<tr>
<td>Pierre city, South Dakota</td>
<td>Place</td>
<td>502</td>
<td></td>
</tr>
<tr>
<td>Pierre, SD Micro Area</td>
<td>Place</td>
<td>503</td>
<td></td>
</tr>
<tr>
<td>Pierre, SD Urban Cluster (2010)</td>
<td>Place</td>
<td>504</td>
<td></td>
</tr>
<tr>
<td>Pierre, SD Urban Cluster (as of 2015)</td>
<td>Place</td>
<td>505</td>
<td></td>
</tr>
<tr>
<td>State Senate District 24 (2016), South Dakota</td>
<td>Congressional District</td>
<td>510</td>
<td></td>
</tr>
<tr>
<td>State Senate District (2014), South Dakota</td>
<td>Congressional District</td>
<td>511</td>
<td></td>
</tr>
<tr>
<td>Pierre City Voting District (2012), Hughes County, South Dakota</td>
<td>Voting District/Remainder</td>
<td>520</td>
<td></td>
</tr>
<tr>
<td>Lakota Region, PUMA, South Dakota</td>
<td>Public Use Microdata Area (PUMA)</td>
<td>755</td>
<td></td>
</tr>
<tr>
<td>2CTAS 57601</td>
<td>5-Digit CTA</td>
<td>860</td>
<td></td>
</tr>
<tr>
<td>ZIP 57501 (Pierre, SD)</td>
<td>5-Digit ZIP Code</td>
<td>061</td>
<td></td>
</tr>
<tr>
<td>Pierre School District 32-2, South Dakota</td>
<td>School District (Unified/Remainder)</td>
<td>970</td>
<td></td>
</tr>
</tbody>
</table>
Close the select Geography window and the available data is displayed.
Guidance for Data Users
https://www.census.gov/programs-surveys/acs/guidance.html

- Subjects Included in the Survey
- Which Data Table or Tool Should I Use?
  - Data Tools Chart
  - Table IDs Explained
- When to Use 1-year, 3-year, or 5-year Estimates
- Handbooks
- Comparing ACS Data
  - ACS/Census Table Comparisons
- Statistical Testing Tool
- Training Presentations

<table>
<thead>
<tr>
<th>ID</th>
<th>Type of Table</th>
<th>Contains</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Detailed Table</td>
<td>Most detailed estimates on all topics for all geographies</td>
</tr>
<tr>
<td>C</td>
<td>Ancillary Table</td>
<td>Similar information from its corresponding base table (B) but at a lower</td>
</tr>
<tr>
<td>K20</td>
<td>Supplemental Table</td>
<td>The only source of 1-year statistics for selected geographies with</td>
</tr>
<tr>
<td>S</td>
<td>Subject Table</td>
<td>A span of information on a particular ACS subject, such as veterans,</td>
</tr>
<tr>
<td>R</td>
<td>Ranking Table</td>
<td>State rankings across approximately 90 key variables</td>
</tr>
<tr>
<td>GCT</td>
<td>Geographic Comparison</td>
<td>Comparisons across approximately 95 key variables for geographies other</td>
</tr>
<tr>
<td>DP</td>
<td>Data Profile</td>
<td>Broad social, economic, housing, and demographic information in a total</td>
</tr>
<tr>
<td>NP</td>
<td>Narrative Profile</td>
<td>Summaries of information in the Data Profiles using nontechnical text</td>
</tr>
<tr>
<td>CP</td>
<td>Comparison Profile</td>
<td>Comparisons of ACS estimates over time in the same layout as the Data</td>
</tr>
<tr>
<td>SD201</td>
<td>Selected Population Profile</td>
<td>Broad ACS statistics for population subgroups by race, ethnicity, ancestry,</td>
</tr>
</tbody>
</table>
Select Total Population. All available tables with total population are listed.

Modify a table and Transpose Columns.
Notice the yellow triangle and green triangles in each cell upper left corner.

Select all cells with green arrows, hover over yellow triangle, select down arrow, select "Convert to number". Now the cells are filterable.

Output file is a PDF or *.XLS

Output file is a Zip file with *.CVS files

(If File dialog does not appear Check Popup blocker and turn off)
Continue the Conversation

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