United States Census Bureau

South Dakota State University

SDSU

South Dakota Census Data Center

Teaching the Census

Anton Mighty

June 12, 2014

Brookings, SD

- Welcome to teaching the census
- This is a course for those who want to use the census for research purposes
- We will get to know the Census website
  - American Fact Finder
  - Kid's Corner
  - Geography
  - Population Clocks
  - Teacher Resources
  - International Database

- The Census.gov webpage is just a basic platform, improved to be more user friendly
- It is broken down by:
  - Total population
  - Race
  - Ethnicity
  - Age/sex
  - Household
- It does this through the interactive maps and statistics

- The 2014 Census web page have been overhauled
- It now includes
  - Streaming videos,
  - User friendly tabs,
  - Ongoing population counter,
  - Quick facts
  - Updated itinerary

United States Census Bureau

Search

Topics
Population, Economy

Geography
Maps, Geographic Data

Library
Infographics, Publications

Data
Tools, Developers

About the Bureau
Research, Surveys

Newsroom
News, Events, Blogs

Mining, Quarrying, Oil and Gas Extraction Booming

This sector showed tremendous growth as establishments rose by 26.4 percent. Read more in the *2012 Economic Census Advance Report* - the first report capturing a comprehensive look at the U.S. economy since the 2007 recession.

1 2 3 4 5 6 7

QuickFacts

Quick, easy access to facts about people, business, and geography.

Select a state to begin

U.S. Census Bureau Economic Indicators

New Residential Construction April 2014 Report *Released 8:30 AM EDT, 5/16/14*	1,072,000 Housing starts	* 13.2%
Business Inventories March 2014 Report *Released 10:00 AM EDT, 5/13/14*	$1,717.2 B	▲ 0.4%
Advance Monthly Retail Sales	$434.6 B	▲*

View All

* change not statistically significant
° significance not reported / applicable

AMERICAN FactFinder

- Community Facts
- Guided Search
- Advanced Search
- Download Options

FIND FACTS

Latest News

Measuring America: Our Changing Economy

May 15, 2014

This infographic presents selected findings from the 2012 Economic Census Advance Report.

"How America's Industries are Impacting the U.S. Economy" on C-SPAN

May 14, 2014

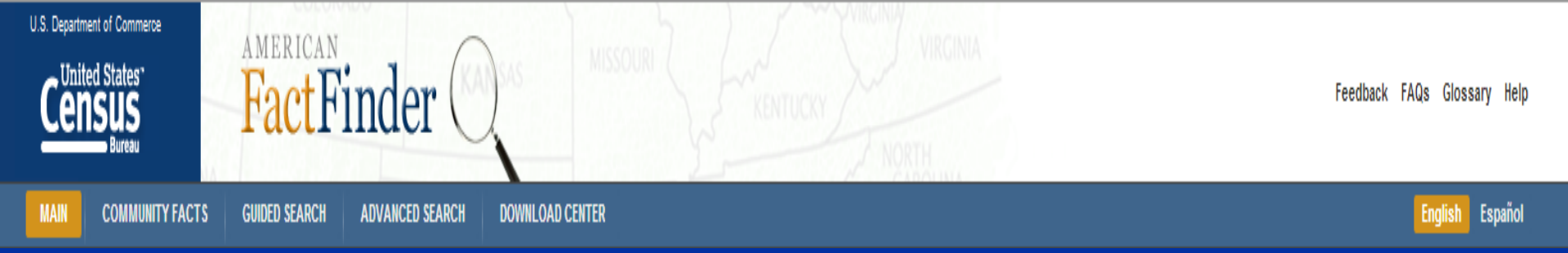
On May 16 at 9:15 a.m. EDT, Erich Strassner discusses BEA's first-ever quarterly statistics on how much economic activity is generated by different industries.

Stat of the Day

Homeownership Rate

The homeownership rate in the first quarter 2014 was 64.8 percent, down 0.2 (+/- 0.4) percentage points from the first quarter 2013 rate of 65.0 percent.

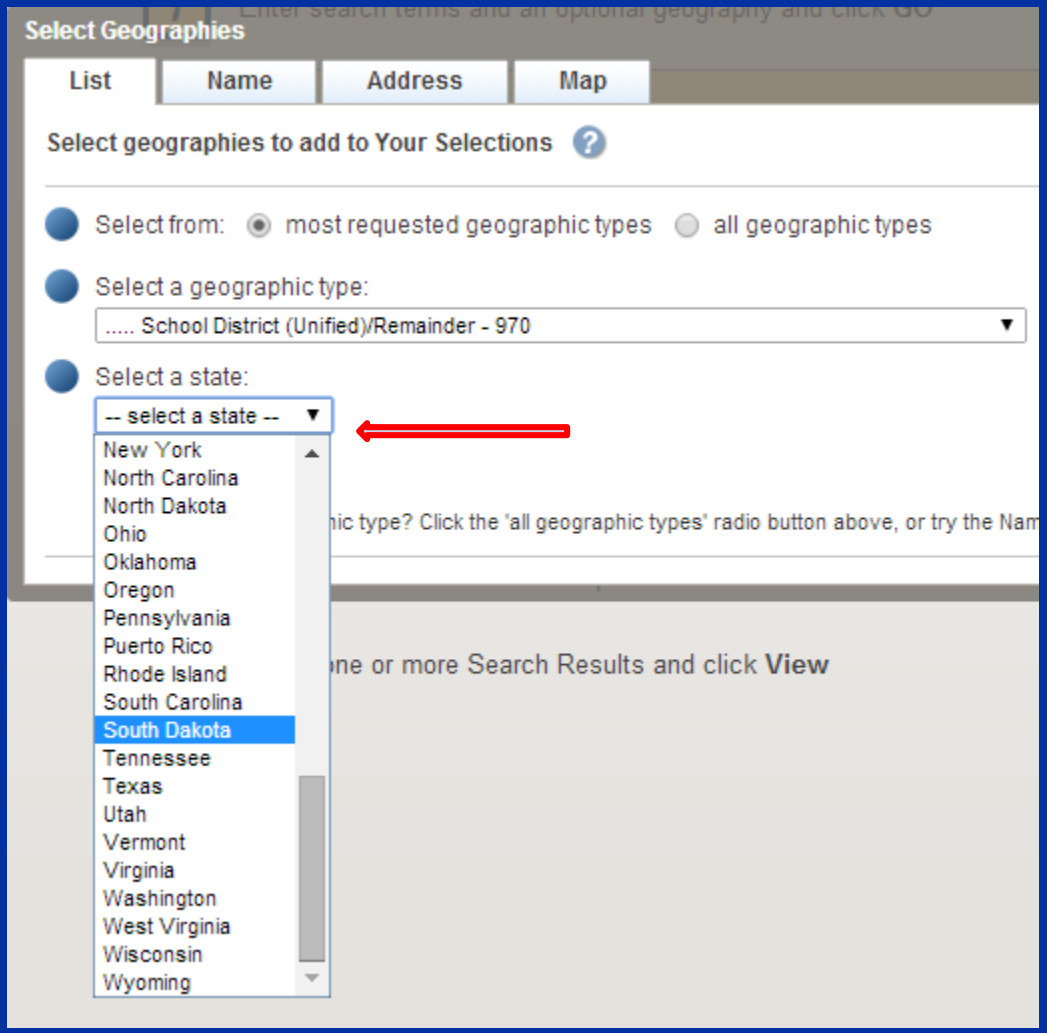
Read More



- American Fact Finder is a part of Census.gov
  - Used to distribute data collected by the Census.
  - For the user, it is the portal for finding information
  - Search by street address to find
    - Census geography
    - Population and housing data
    - Demographic profile

Community Facts
Find popular facts (population, income, etc.) and frequently requested data about your community.
Enter a state, county, city, town, or zip code:
e.g., Atlanta, GA
GO
Guided Search
Advanced Search
Download Options

Search using the options below:
Topics
(age, income, year, dataset, ...)
Geographies
(states, counties, places, ...)
Race and Ethnic Groups
(race, ancestry, tribe)
Industry Codes
(NAICS industry, ...)
EEO Occupation Codes
(executives, analysts, ...)


Select Geographies
List
Name
Address
Map
Select geographies to add to Your Selections
Select from:
most requested geographic types
all geographic types
Select a geographic type:
..... School District (Unified)/Remainder - 970
Select a state:
-- select a state --
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
Puerto Rico
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
Vermont
Virginia
Washington
West Virginia
Wisconsin
Wyoming
ic type? Click the 'all geographic types' radio button above, or try the Nam
ne or more Search Results and click View

You get this

Geography: Sioux Falls School District 49-5, South Dakota

1 - 41 of 41

Age	Number			Percent			Males per 100 females
	Both sexes	Male	Female	Both sexes	Male	Female	
Total population	143,629	71,418	72,211	100.0	100.0	100.0	98.9
Under 5 years	10,876	5,533	5,343	7.6	7.7	7.4	103.6
5 to 9 years	9,487	4,908	4,579	6.6	6.9	6.3	107.2
10 to 14 years	8,850	4,603	4,247	6.2	6.4	5.9	108.4
15 to 19 years	9,372	4,688	4,684	6.5	6.6	6.5	100.1
20 to 24 years	11,583	5,674	5,909	8.1	7.9	8.2	96.0
25 to 29 years	12,777	6,681	6,096	8.9	9.4	8.4	109.6
30 to 34 years	10,666	5,703	4,963	7.4	8.0	6.9	114.9
35 to 39 years	9,107	4,652	4,455	6.3	6.5	6.2	104.4
40 to 44 years	9,000	4,720	4,280	6.3	6.6	5.9	110.3
45 to 49 years	10,372	5,234	5,138	7.2	7.3	7.1	101.9
50 to 54 years	9,808	4,889	4,919	6.8	6.8	6.8	99.4
55 to 59 years	8,569	4,158	4,411	6.0	5.8	6.1	94.3
60 to 64 years	6,875	3,317	3,558	4.8	4.6	4.9	93.2
65 to 69 years	4,605	2,119	2,486	3.2	3.0	3.4	85.2
70 to 74 years	3,482	1,509	1,973	2.4	2.1	2.7	76.5
75 to 79 years	2,996	1,248	1,748	2.1	1.7	2.4	71.4
80 to 84 years	2,538	980	1,558	1.8	1.4	2.2	62.9
85 to 89 years	1,713	561	1,152	1.2	0.8	1.6	48.7
90 years and over	953	241	712	0.7	0.3	1.0	33.8
Under 18 years	34,597	17,788	16,809	24.1	24.9	23.3	105.8
18 to 64 years	92,745	46,972	45,773	64.6	65.8	63.4	102.6
18 to 24 years	15,571	7,618	7,953	10.8	10.7	11.0	95.8
25 to 44 years	41,550	21,756	19,794	28.9	30.5	27.4	109.9
25 to 34 years	23,443	12,384	11,059	16.3	17.3	15.3	112.0
35 to 44 years	18,107	9,372	8,735	12.6	13.1	12.1	107.3
45 to 64 years	35,624	17,598	18,026	24.8	24.6	25.0	97.6
45 to 54 years	20,180	10,123	10,057	14.1	14.2	13.9	100.7
55 to 64 years	15,444	7,475	7,969	10.8	10.5	11.0	93.8
65 years and over	16,287	6,658	9,629	11.3	9.3	13.3	69.1
65 to 74 years	8,087	3,628	4,459	5.6	5.1	6.2	81.4
75 to 84 years	5,534	2,228	3,306	3.9	3.1	4.6	67.4
85 years and over	2,666	802	1,864	1.9	1.1	2.6	43.0
16 years and over	112,727	55,524	57,203	78.5	77.7	79.2	97.1
18 years and over	109,032	53,630	55,402	75.9	75.1	76.7	96.8
21 years and over	102,857	50,646	52,211	71.6	70.9	72.3	97.0
60 years and over	23,162	9,975	13,187	16.1	14.0	18.3	75.6
62 years and over	20,091	8,506	11,585	14.0	11.9	16.0	73.4
67 years and over	14,260	5,722	8,538	9.9	8.0	11.8	67.0
75 years and over	8,200	3,030	5,170	5.7	4.2	7.2	58.6
Median age (years)	34.1	33.1	35.3	(X)	(X)	(X)	(X)

X Not applicable.

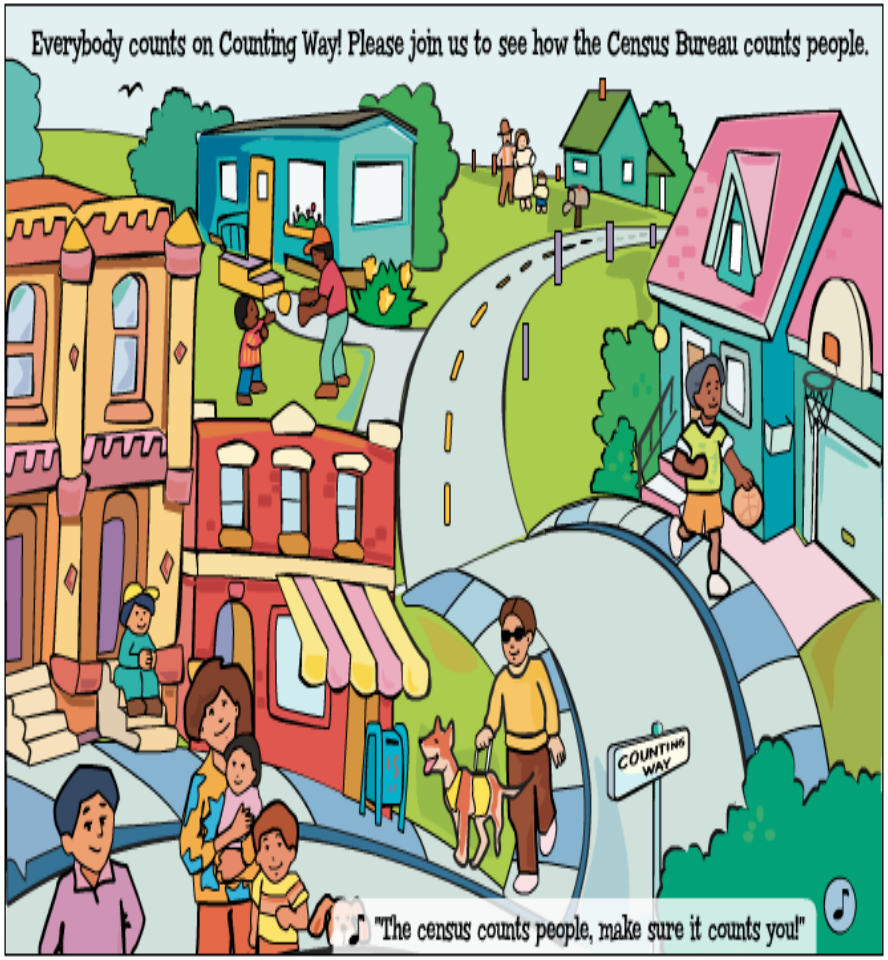
Kids Corner

- This website built by kids for kids learning about the U.S. Census.

- It contains memory games, fact pages, quizzes, and information about the Census.

Statistics in Schools Main | For Teachers | For Kids | For Teens | Materials for Schools | Contact Us

For Kids



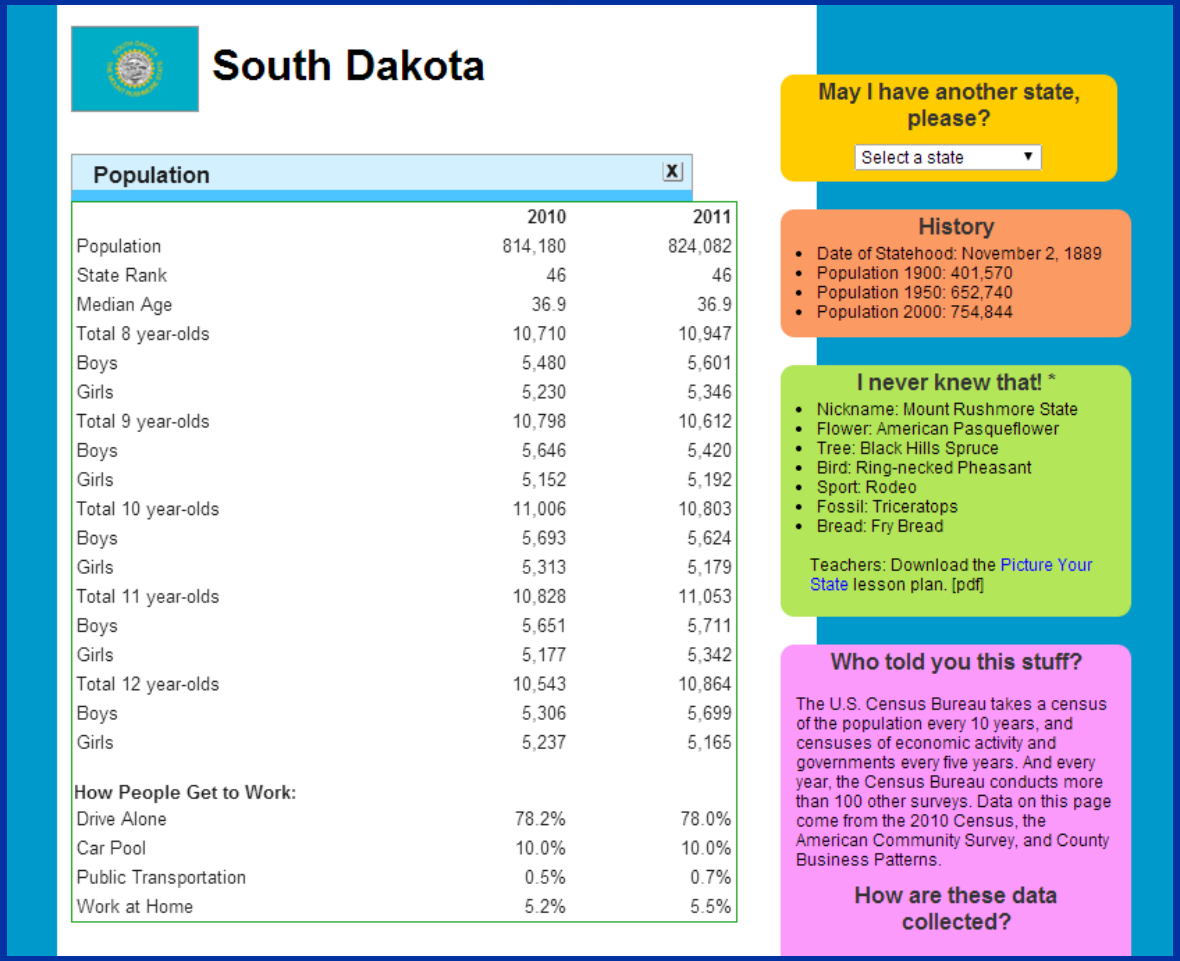
Click this

To use this interactive site, you need Adobe® Flash® player 8.0 or higher. Go to www.adobe.com to download a free copy of the latest Adobe Flash player. This symbol indicates a link to a non-government web site. Our linking to these sites does not constitute an endorsement of any products, services or the information found on them. Once you link to another site you are subject to the policies of the new site.

Census for Kids Song

- Sheet music [PDF]
- Audio file [WAV]

You get this



South Dakota

Population

	2010	2011
Population	814,180	824,082
State Rank	46	46
Median Age	36.9	36.9
Total 8 year-olds	10,710	10,947
Boys	5,480	5,601
Girls	5,230	5,346
Total 9 year-olds	10,798	10,612
Boys	5,646	5,420
Girls	5,152	5,192
Total 10 year-olds	11,006	10,803
Boys	5,693	5,624
Girls	5,313	5,179
Total 11 year-olds	10,828	11,053
Boys	5,651	5,711
Girls	5,177	5,342
Total 12 year-olds	10,543	10,864
Boys	5,306	5,699
Girls	5,237	5,165
How People Get to Work:		
Drive Alone	78.2%	78.0%
Car Pool	10.0%	10.0%
Public Transportation	0.5%	0.7%
Work at Home	5.2%	5.5%

May I have another state, please?

Select a state

History

- Date of Statehood: November 2, 1889
- Population 1900: 401,570
- Population 1950: 652,740
- Population 2000: 754,844

I never knew that! *

- Nickname: Mount Rushmore State
- Flower: American Pasqueflower
- Tree: Black Hills Spruce
- Bird: Ring-necked Pheasant
- Sport: Rodeo
- Fossil: Triceratops
- Bread: Fry Bread

Teachers: Download the Picture Your State lesson plan. [pdf]

Who told you this stuff?

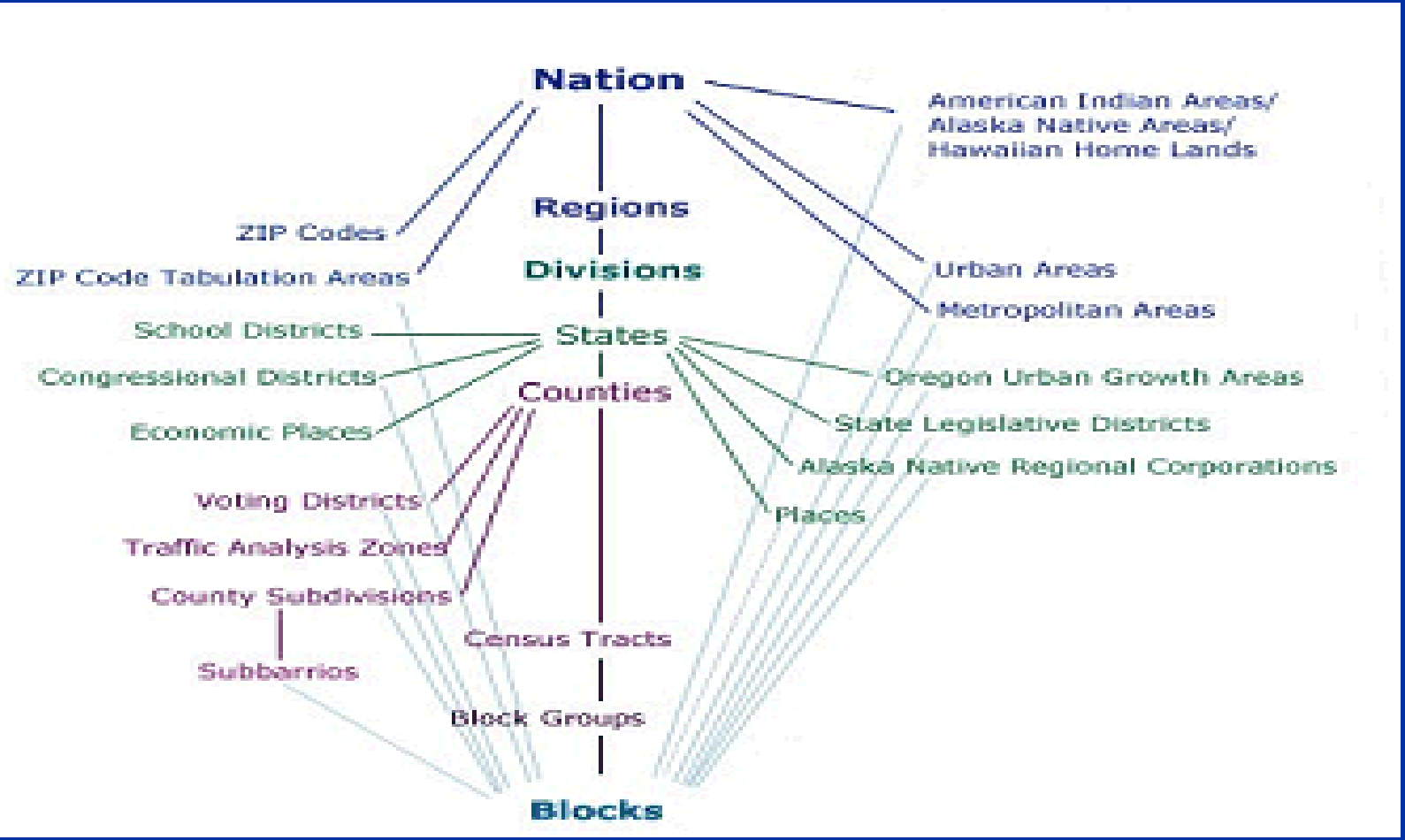
The U.S. Census Bureau takes a census of the population every 10 years, and censuses of economic activity and governments every five years. And every year, the Census Bureau conducts more than 100 other surveys. Data on this page come from the 2010 Census, the American Community Survey, and County Business Patterns.

How are these data collected?

Geography

- A major part of the Census is geography.
- The Census Bureau is a major provider of geographic data for all fields.
- The Census collects and manages data on many levels.

Data levels


Nation
American Indian Areas/
Alaska Native Areas/
Hawaiian Home Lands
Regions
ZIP Codes
ZIP Code Tabulation Areas
Divisions
Urban Areas
Metropolitan Areas
School Districts
States
Congressional Districts
Oregon Urban Growth Areas
Counties
State Legislative Districts
Economic Places
Alaska Native Regional Corporations
Voting Districts
Places
Traffic Analysis Zones
County Subdivisions
Census Tracts
Subbarrios
Block Groups
Blocks

United States Census 2010 | Interactive Population Map

The 2010 Census reported 308.7 million people in the United States, a 9.7 percent increase from the 2000 Census population of 281.4 million. Find out who we are, where we are and compare your community with others across America. Learn more about the new Portrait of America.

TOTAL POPULATION
RACE
ETHNICITY
AGE / SEX
HOUSEHOLD

Most Populous Places

	NAME	POPULATION
1	New York city, NY	8,175,133
2	Los Angeles city, CA	3,792,621
3	Chicago city, IL	2,695,598
4	Houston city, TX	2,099,451
5	Philadelphia city, PA	1,526,006
6	Phoenix city, AZ	1,445,632
7	San Antonio city, TX	1,327,407
8	San Diego city, CA	1,307,402
9	Dallas city, TX	1,197,816
10	San Jose city, CA	945,942
11	Jacksonville city, FL	821,784
12	Indianapolis city (balance), IN	820,445
13	San Francisco city, CA	805,235
14	Austin city, TX	790,390
15	Columbus city, OH	787,033
16	Fort Worth city, TX	741,206

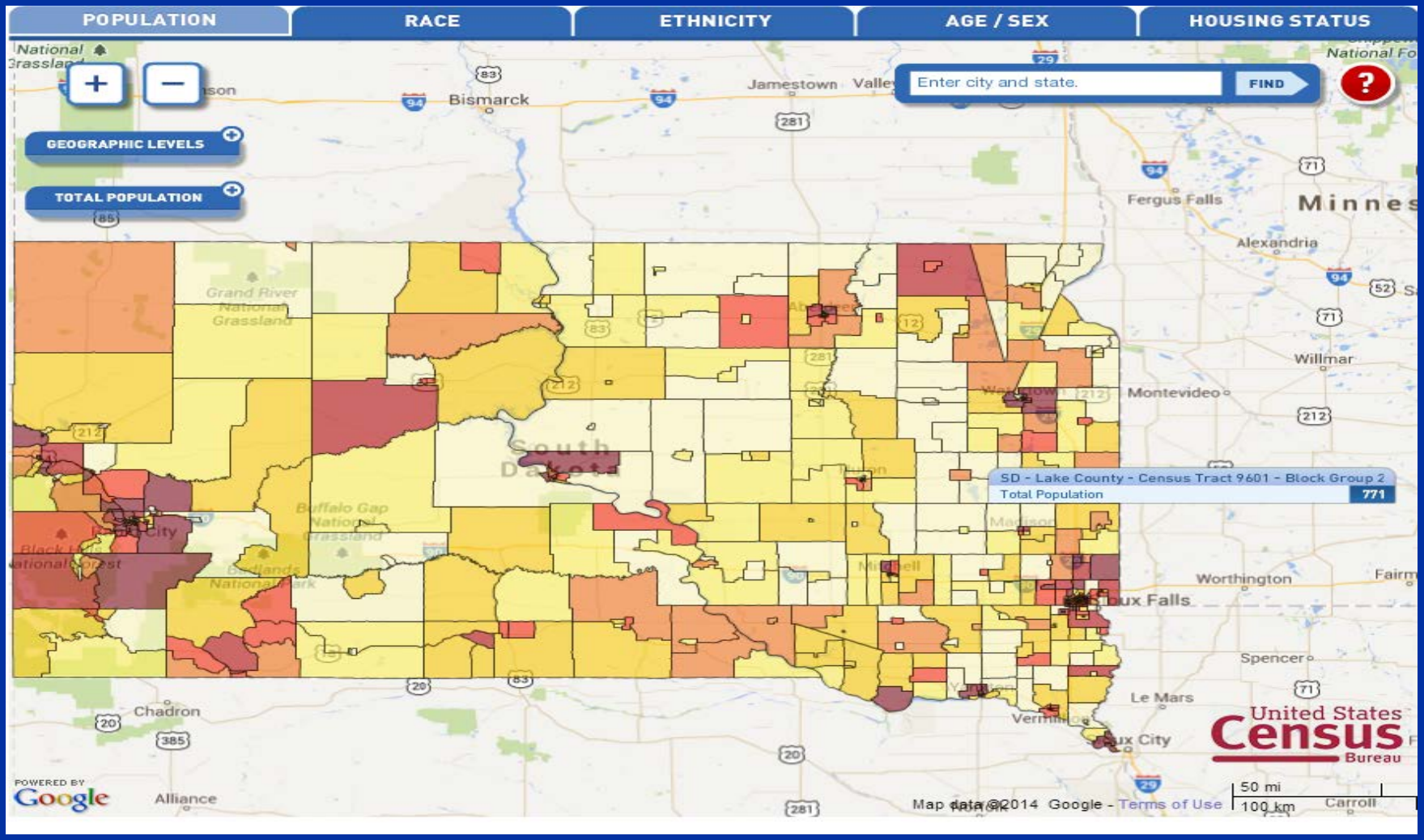
National Population : 308,745,538

Top 5 States

Download summary files

Please note: Data for American Indian and Alaska Native areas are shown for the portion within each state, and only as each state's data are released.

Look it's South Dakota



- Population clocks use relevant data on
  - Births
  - Deaths
  - Internal and external migration
  - Provides a current estimate of both U.S. and World population growth.

U.S. and World Population Clock

Note: The Population Clock is consistent with 2010 Census data and the most recent national population estimates.

May 21, 2014 01:03 UTC (Eastern+5)

Learn More | Download and Share

U.S. Population

318,078,643

World Population

7,167,323,755

COMPONENTS OF POPULATION CHANGE

01:03:04 UTC

- One birth every **8 seconds**
- One death every **13 seconds**
- One international migrant (net) every **40 seconds**
- Net gain of one person every **15 seconds**

TOP 10 MOST POPULOUS COUNTRIES

1. China	1,355,692,576	6. Pakistan	196,174,380
2. India	1,236,344,631	7. Nigeria	177,155,754
3. United States	318,892,103	8. Bangladesh	166,280,712
4. Indonesia	253,609,643	9. Russia	142,470,272
5. Brazil	202,656,788	10. Japan	127,103,388

Select a Date

The United States population on July 4, 2013 was: 316,148,990

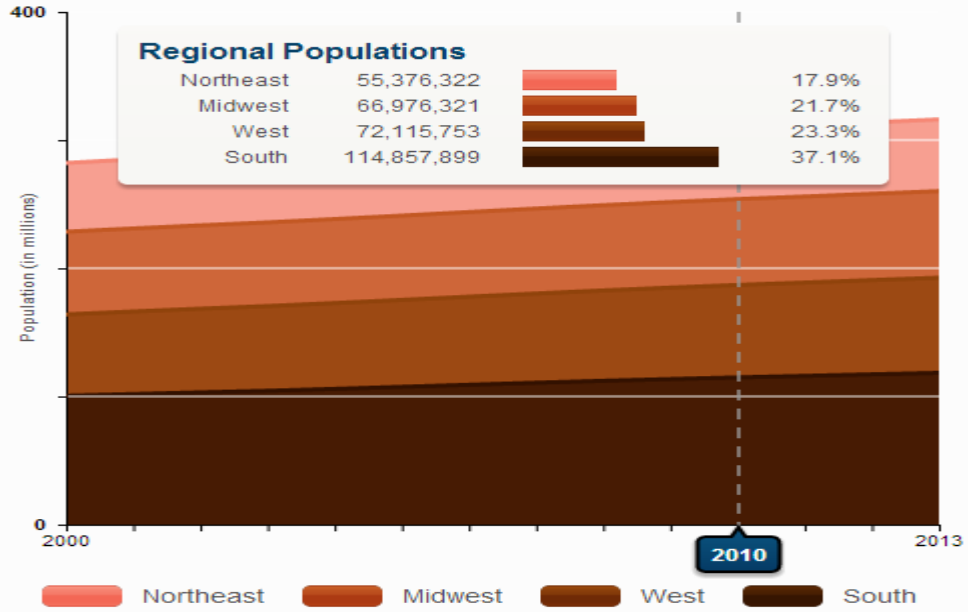
Select a Date

Learn More | Download and Share

Annual Population Estimates

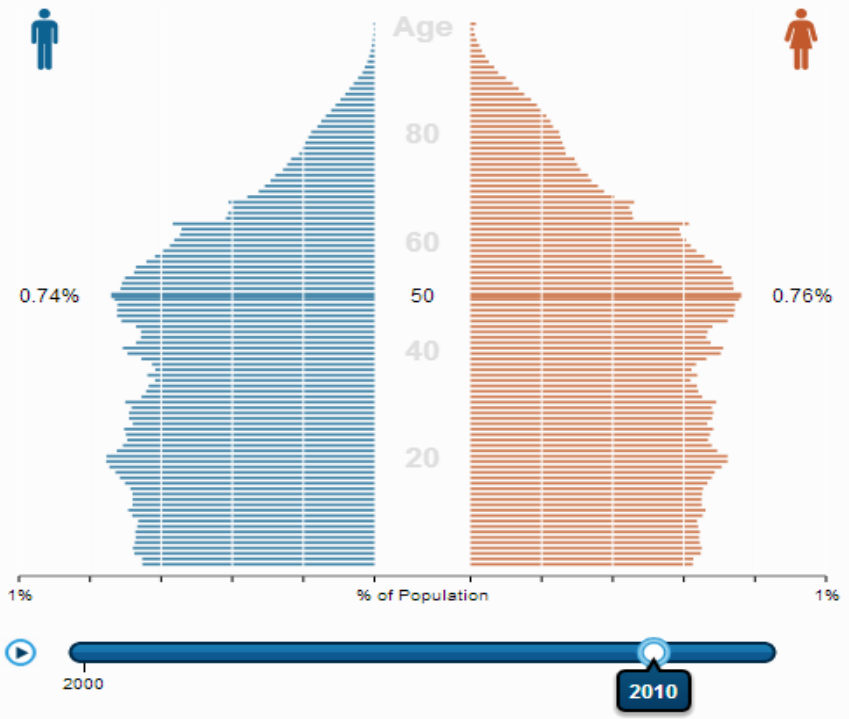
United States Regional Population by Year

Learn More | Download and Share | View Data Table

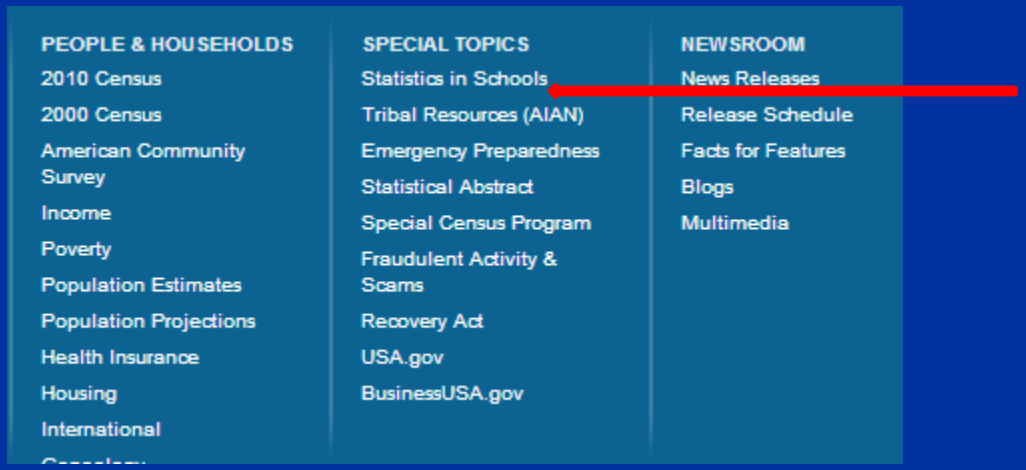


United States Population by Age and Sex

Learn More | Download and Share | View Data Table



- The Teacher Resource section provides
  - Lesson plans
  - Handbooks
  - Broadcasts and Photos
  - Quick Facts
  - Reference articles
- Here's how to get there


PEOPLE & HOUSEHOLDS
2010 Census
2000 Census
American Community Survey
Income
Poverty
Population Estimates
Population Projections
Health Insurance
Housing
International
SPECIAL TOPICS
Statistics in Schools
Tribal Resources (AIAN)
Emergency Preparedness
Statistical Abstract
Special Census Program
Fraudulent Activity & Scams
Recovery Act
USA.gov
BusinessUSA.gov
NEWSROOM
News Releases
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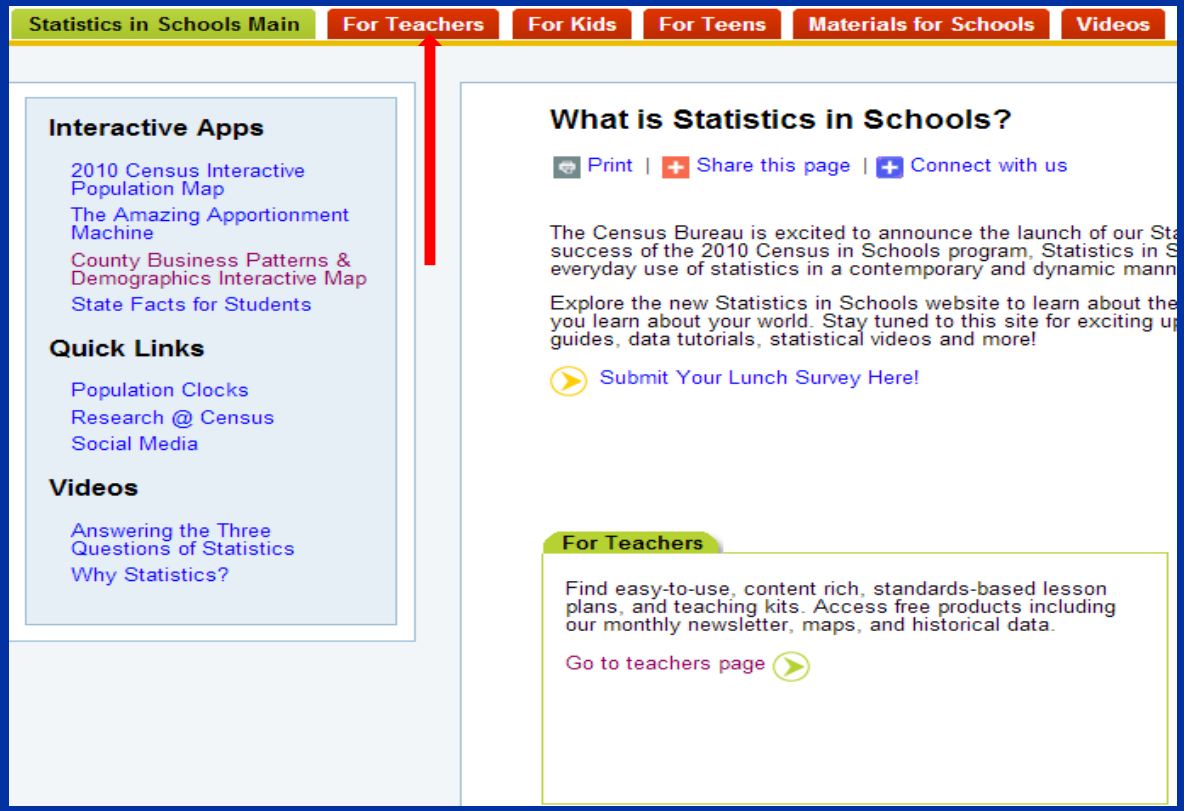
Statistics in Schools Main
For Teachers
For Kids
For Teens
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Videos
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2010 Census Interactive Population Map
The Amazing Apportionment Machine
County Business Patterns & Demographics Interactive Map
State Facts for Students
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Social Media
Videos
Answering the Three Questions of Statistics
Why Statistics?
What is Statistics in Schools?
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The Census Bureau is excited to announce the launch of our Sta
success of the 2010 Census in Schools program, Statistics in S
everyday use of statistics in a contemporary and dynamic mann
Explore the new Statistics in Schools website to learn about the
you learn about your world. Stay tuned to this site for exciting u
guides, data tutorials, statistical videos and more!
Submit Your Lunch Survey Here!
For Teachers
Find easy-to-use, content rich, standards-based lesson plans, and teaching kits. Access free products including our monthly newsletter, maps, and historical data.
Go to teachers page

For Teachers

Teaching Resources

These links will access

Lesson Plans — Please check back often for new Census in Schools' lessons and information to help teachers and students learn about the importance of the 2010 Census.

Teaching Ideas — Ideas for you to incorporate census information into the classroom. History, graphing, collecting and understanding data, and more!

What High School Teachers Need to Know [PDF] — High School teachers, the Census Bureau has written a handbook just for you on how to understand and use American Community Survey data.

History of the U.S. Census — Learn how the census has changed from the first census of 1790 to the upcoming Census 2010.

Facts for Features — Share little known tidbits of information with your students. A compilation of facts about special days including anniversaries and observances such as Women's History month, Cinco de Mayo

Distribution of U.S. Cities: 1790 to 2000 — Discussing history or geography? Share with your students a series of 22 maps showing changes in the size and distribution of American cities between 1790 and 2000.

QuickFacts — Quick, easy access to facts for students and teachers to learn about people, business, and geography for the nation or your state, county, or large city.

Broadcast, Photo, and Radio Services — Easy-to-access research opportunities include photos and videos as well as Profile America, a popular, daily, 60-second, bilingual feature with stories celebrating key obse information collected by the Census Bureau.

Get email updates when this information changes.

Here's what you get

Lessons and Maps

Print | Share this page | Connect with us

	Grades K-4	Grades 5-8	Grades 9-12	Maps
United States	- PDF [3.2 MB] - PDF [2.9 MB] (no map required) **Grades 3-5** - World Statistics Day [PDF 167K] - Apportionment [PDF 2MB]	- PDF [1.6 MB] - PDF [2.9 MB] (no map required) - Diversity [PDF 4 MB] **Grades 6-8** - World Statistics Day [PDF 157K] - Apportionment [PDF 2MB]	- PDF [3.1 MB] - PDF [2.2 MB] (no map required) **Grades 9-12** - World Statistics Day [PDF 339K] - Apportionment [PDF 2MB]	- K-4: PDF [1.3 MB] - 5-8: PDF [1.3 MB] - 9-12: PDF [2.2 MB] - Diversity
American Samoa	PDF [1.5 MB]	PDF [2.8 MB]	NA	K-8: PDF [548 KB]
Commonwealth of the Northern Mariana Islands	PDF [1.5 MB]	PDF [2.3 MB]	NA	K-8: PDF [565 KB]
Guam	PDF [1.7 MB]	PDF [2.8 MB]	NA	K-8: PDF [646 KB]
Puerto Rico	PDF [2.6 MB]	PDF [2.7 MB]	PDF [4.2 MB]	K-8: PDF [1.5 MB] 9-12: PDF [1.9 MB]
U.S. Virgin Islands	PDF [2.2 MB]	PDF [2.9 MB]	NA	K-8: PDF [825 KB]

International Database

- The International Database supply demographic data on 227 sovereign countries
- Though the dataset is not as extensive, it provides plenty of information for use in the classroom
- Start with the portal at the bottom of the webpage.

ABOUT US
Are You in a Survey?
FAQs
Director's Corner
Regional Offices
History
Research
Scientific Integrity
Jobs @ Census
Diversity @ Census
Business Opportunities
Congressional and Intergovernmental
Contact Us
FIND DATA
QuickFacts
American FactFinder
Easy Stats
Population Finder
2010 Census
Economic Census
Interactive Maps
Training & Workshops
Data Tools
Developers
Catalogs
Publications
BUSINESS & INDUSTRY
Help With Your Forms
Economic Indicators
Economic Census
E-Stats
International Trade
Export Codes
NAICS
Governments
Local Employment Dynamics
Survey of Business Owners
PEOPLE & HOUSEHOLDS
2010 Census
2000 Census
American Community Survey
Income
Poverty
Population Estimates
Population Projections
Health Insurance
Housing
International
Genealogy
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Tribal Resources (AIAN)
Emergency Preparedness
Statistical Abstract
Special Census Program
Fraudulent Activity & Scams
Recovery Act
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BusinessUSA.gov
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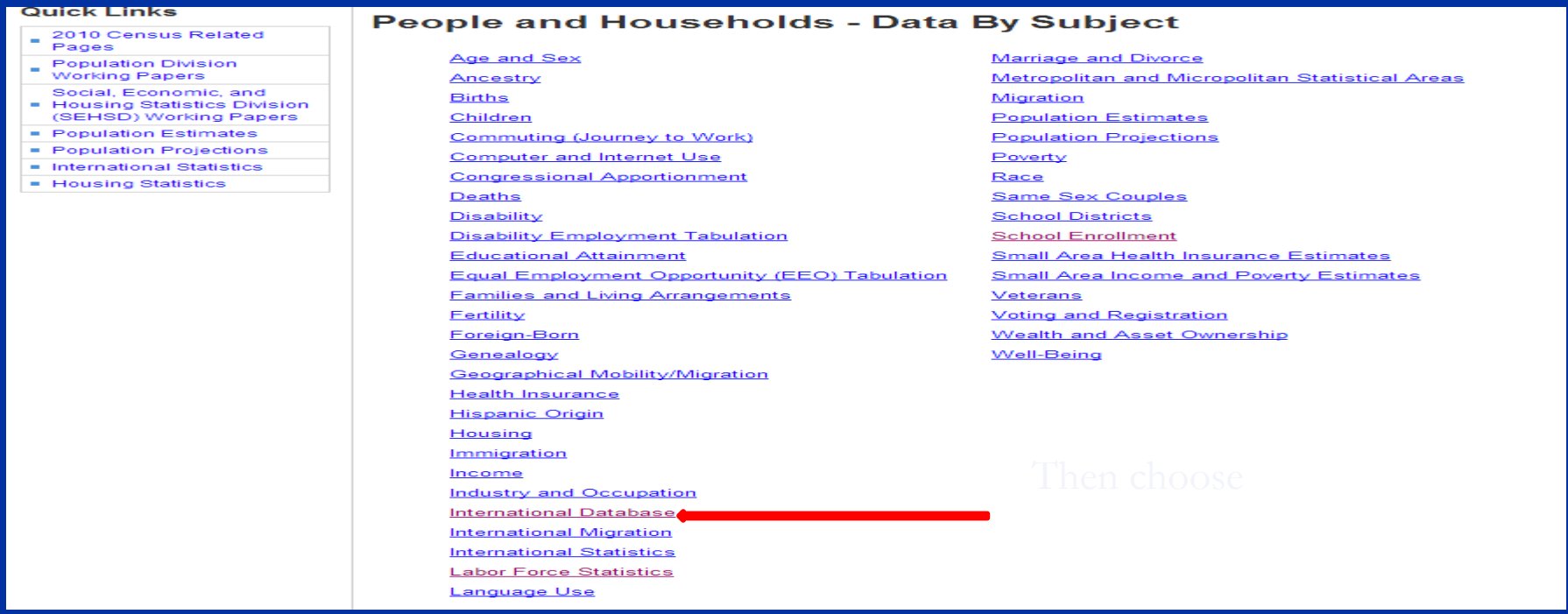
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2010 Census Related Pages
Population Division Working Papers
Social, Economic, and Housing Statistics Division (SEHSD) Working Papers
Population Estimates
Population Projections
International Statistics
Housing Statistics
People and Households - Data By Subject
Age and Sex
Ancestry
Births
Children
Commuting (Journey to Work)
Computer and Internet Use
Congressional Apportionment
Deaths
Disability
Disability Employment Tabulation
Educational Attainment
Equal Employment Opportunity (EEO) Tabulation
Families and Living Arrangements
Fertility
Foreign-Born
Genealogy
Geographical Mobility/Migration
Health Insurance
Hispanic Origin
Housing
Immigration
Income
Industry and Occupation
International Database
International Migration
International Statistics
Labor Force Statistics
Language Use
Marriage and Divorce
Metropolitan and Micropolitan Statistical Areas
Migration
Population Estimates
Population Projections
Poverty
Race
Same Sex Couples
School Districts
School Enrollment
Small Area Health Insurance Estimates
Small Area Income and Poverty Estimates
Veterans
Voting and Registration
Wealth and Asset Ownership
Well-Being
Then choose

International Programs

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International Programs Data

International Data Base (IDB)

Find demographic indicators, population pyramids, and source information for countries and areas of the world with a p

World Population Summary

Find the latest information on the World Population trends.

Country Rankings

Find historical and up-to-date Country Rankings based on the population size.

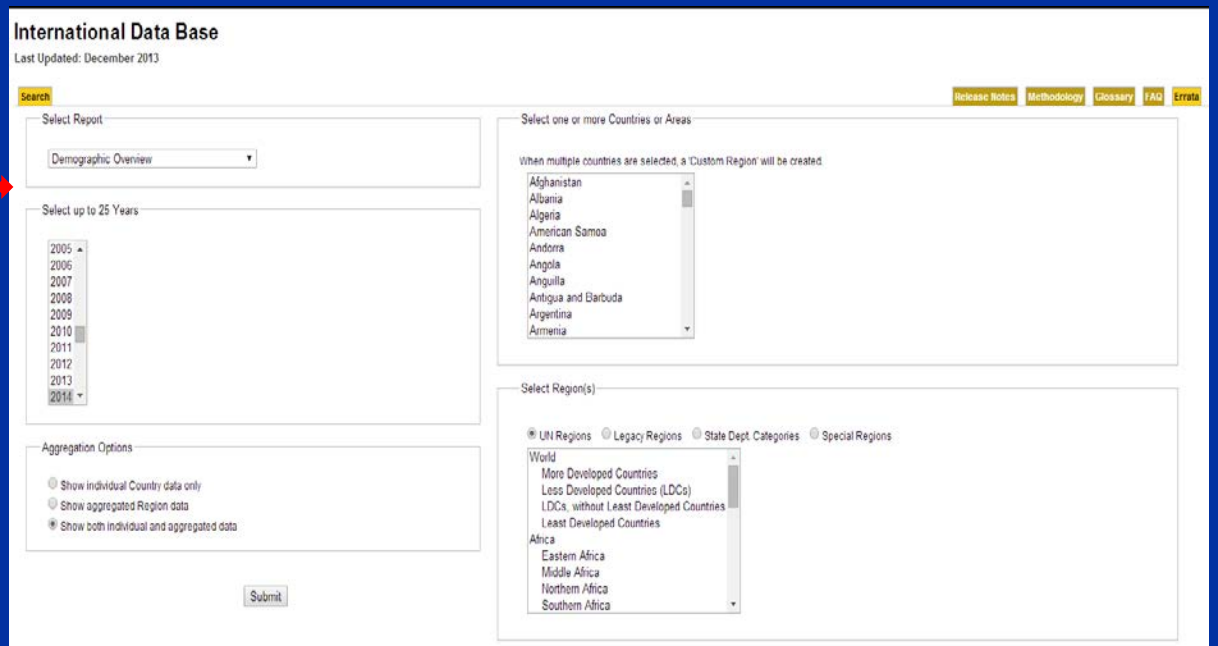
HIV/AIDS Surveillance

Access data resources from various sources on HIV/AIDS prevalence and incidence for countries in Africa, Asia, Europ

Global Population Mapping

The Global Mapping Team develops global, subnational population data and maps for other federal agencies and the pu

Finish by choosing year, country, etc…



International Data Base

Last Updated: December 2013

Search

Select Report

Components of Population Growth

Select up to 25 Years

2005
2006
2007
2008
2009
2010
2011
2012
2013
2014

Aggregation Options

- Show individual Country data only
- Show aggregated Region data
- Show both individual and aggregated data

Submit

Select one or more Countries or Areas

When multiple countries are selected, a 'Custom Region' will be created.

Mozambique
Namibia
Nauru
Nepal
Netherlands
New Caledonia
New Zealand
Nicaragua
Niger
Nigeria

Select Region(s)

- UN Regions
- Legacy Regions
- State Dept. Categories
- Special Regions

Asia
Eastern Asia
South-Central Asia
South-Eastern Asia
Western Asia
Europe
Eastern Europe
Northern Europe
Southern Europe
Western Europe

International Data Base

Components of Population Growth - Custom Region - Nigeria

Year	Births Per 1,000 Population	Deaths Per 1,000 Population	Net Number Of Migrants Per 1,000 Population	Rate Of Natural Increase (Percent)	Growth Rate (Percent)	Population	Births	Deaths	Net Number Of Migrants	Natural Increase	Population Change
2014	38.0	13.2	-0.2	2.49	2.47	177,155,754	6,737,233	2,331,370	-38,974	4,405,864	4,366,889

Note: The growth rate may not equal the sum of the rate of natural increase and the migration rate due to rounding.

Note: Births, deaths, and net number of migrants are approximated as their respective rates times the midyear population and may not add to totals due to rounding.

Source Information: Nigeria

Download Custom Region - Nigeria table as: Excel | CSV

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Components of Population Growth - UN - Western Europe - Austria

Year	Births Per 1,000 Population	Deaths Per 1,000 Population	Net Number Of Migrants Per 1,000 Population	Rate Of Natural Increase (Percent)	Growth Rate (Percent)	Population	Births	Deaths	Net Number Of Migrants	Natural Increase	Population Change
2014	8.8	10.4	1.8	-0.16	0.01	8,223,062	72,034	85,355	14,473	-13,321	1,151

Note: The growth rate may not equal the sum of the rate of natural increase and the migration rate due to rounding.

Note: Births, deaths, and net number of migrants are approximated as their respective rates times the midyear population and may not add to totals due to rounding.

Source Information: Austria

Download Western Europe - Austria table as: Excel | CSV

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Components of Population Growth - UN - Western Europe - Belgium

Year	Births Per 1,000 Population	Deaths Per 1,000 Population	Net Number Of Migrants Per 1,000 Population	Rate Of Natural Increase (Percent)	Growth Rate (Percent)	Population	Births	Deaths	Net Number Of Migrants	Natural Increase	Population Change
2014	10.0	10.8	1.2	-0.08	0.05	10,449,361	104,389	112,435	12,748	-8,046	4,702

Note: The growth rate may not equal the sum of the rate of natural increase and the migration rate due to rounding.

Note: Births, deaths, and net number of migrants are approximated as their respective rates times the midyear population and may not add to totals due to rounding.

Activities

- Accessing maps
- Getting data from American Fact Finder
- Using Census to locate district information
- Analysis & interpretation of population pyramids

South Dakota State University

United States Census Bureau

South Dakota Census Data Center

Questions