The Future of Data Dissemination at the U.S. Census Bureau

New York State Data Center Annual Affiliates Meeting
September 14, 2018

Rob Chestnut

Center for Enterprise Dissemination Services and Consumer Innovation (CEDSCI)

U.S. Census Bureau

United States Census Bureau

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

Census Bureau Mission and Vision

Mission: ***To serve as the nation's leading provider of quality data about its people and economy.***

Vision: ***To be the trusted source for timely and relevant statistical information, and the leader in data-driven innovation.***

The Census Bureau has *lots of data*.

2018 End-to-End Censu
The 2018 End-to-End Ce
place.

2020 Census Planning
This survey will help the

Academic Libraries Su
Provides data on the sta
post-secondary institutio

Advance Monthly Sales
Provides an early indicat

American Community
An ongoing survey that p
services.

American Housing Sur
The AHS is sponsored b

Annual Business Surv
Provides annual data on

Annual Capital Expend
Provides estimates on b

Annual Parole Survey
Data collected by the U.

Annual Retail Trade Su
Provides estimates on s
expenses.

Annual Services Repo
Provides estimates of re

Annual Survey of Entr
Provides estimates of nu

Annual Survey of Jails

Annual Survey of Public Emp
Provides state and local govern
employment, and payroll statisti

Annual Survey of School Sys
Provides statistics about the fina

Annual Survey of State Gover
Provides a summary of taxes co

Annual Survey of State and L
Provides periodic and comprehe

Annual Wholesale Trade Surv
Provides estimates on sales, e-
expenses.

Beginning Teacher Longitudi
This longitudinal study will perm

Building Permits Survey (BPS
Provides national, state, and loc

Business and Professional Cla
Obtains information necessary to
Census.

Census of Governments
Identifies the scope and nature o
relationships.

Census of Jails
Part of a series of data collectior

Census of Juveniles in Reside
Provides a count of juveniles in s

Census of State and Federal A
Data collected by the U.S. Censu

Commodity Flow Survey (CFS,

Construction Progress Rep
Provides monthly estimates o

Consumer Expenditure Sur
Data collected by the U.S. Ce

County Business Patterns (
An annual series that provides

Current Population Survey (
Data collected by the U.S. Ce

Deaths in Custody Reportin
Provides a count of inmate de

Decennial Census of Popula
The U.S. Census counts ever
every 10 years.

Economic Census
Provides official measures of
statistics.

Economic Census Industry
This report determines a NAI

Export Statistics
Provides detailed statistics o

Exports from Manufacturin
Provides estimates for the va

Federal Assistance Awards
Provides current information

Federal Audit Clearinghous
The Federal Audit Clearingho

Housing Vacancy Survey (H
Provides current information

Identity Theft Supplement - pa
Data collected by the U.S. Censu

Import Statistics
Provides detailed statistics on go

Justice Assistance Data Surve
This direct survey of government

Juvenile Residential Facility C
Provides a count of juveniles in s

La Encuesta sobre la Comunic

La Encuesta sobre la Comunic

Local Government School Sys
Provides statistics about the fina

National Survey of College Gra
Data collected by the U.S. Census

National Survey of Fishing, Hun
Provides information on individual
photography, & feeding.

National Teacher and Principal
Data collected by the U.S. Census

New York City Housing and Vac
Sponsored by the New York City D
City's rent regulation laws.

Nonemployer Statistics
An annual series that provides sul
income tax.

Police Public Contact Survey (P
Data collected by the U.S. Census

Private School Universe Surve
Data collected by the U.S. Censu

Public Libraries Survey (PLS)
Provides statistics on the status o

Puerto Rico Community Surve
Provides data every year -- giving
customized for Puerto Rico.

Quarterly Financial Report (QF
Provides quarterly aggregate stat

Quarterly Services Survey (QS
Provides quarterly estimates on

Quarterly Summary of State an
Provides quarterly estimates of s

Quarterly Survey of Plant Cap
Provides quarterly estimates on

Quarterly Survey of Public Per
Provides national summary data
employee retirement systems.

Quarterly Workforce Indicators
A set of economic indicators incl

Rental Housing Finance Surve
Provides current and continuous
the United States.

Report of Organization (COS)
Obtains current organization and

Residential Finance Survey (R
The RFS is the only survey desig

School Crime Supplement (SCS)
Data collected by the U.S. Census Bureau. Statistics rel

Schools and Staffing Survey (SASS)
Data collected by the U.S. Census Bureau. Statistics rele

Special Census Program
A basic enumeration of population, housing units, group
request of a governmental unit.

State Library Agencies Survey
Provides state and federal policymakers, researchers, ar
agencies.

Statistics of U.S. Businesses (SUSB)
Provides detailed annual data for U.S. business establisl

Survey of Construction (SOC)
Provides national and regional statistics on starts, comple
housing units.

Survey of Income and Program Participation (SIPP)
Collects data and measures change for many topics inclu
childcare, and food security.

Survey of Market Absorption of New Multifamily Units
The survey is sponsored by the Department of Housing a

Survey on Sexual Violence (SSV)
Data collected by the U.S. Census Bureau. Statistics rele

Teacher Follow-Up Survey (TFS)
Data collected by the U.S. Census Bureau. Statistics rele

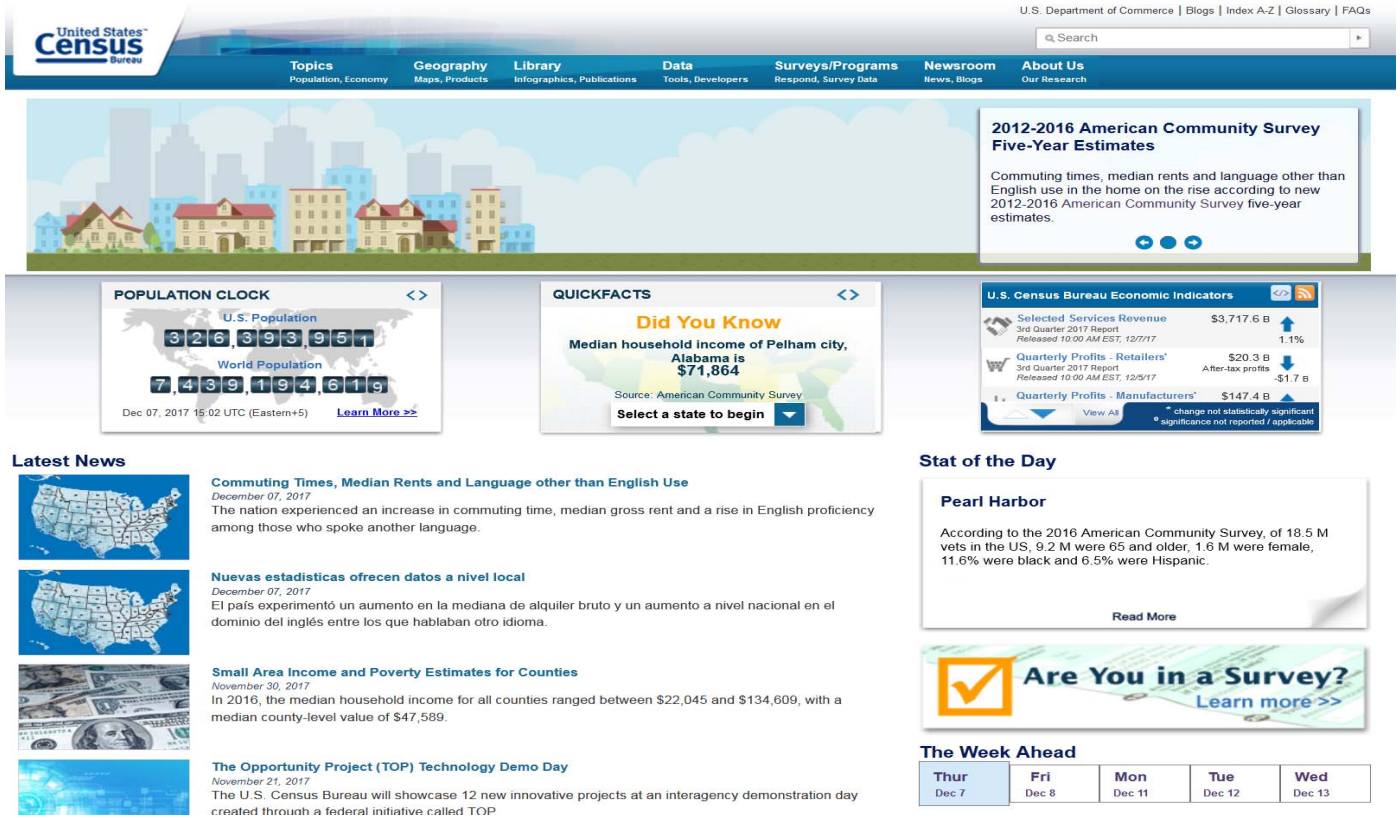
Telephone Point of Purchase Survey (TPOPS)
Data collected by the U.S. Census Bureau. Statistics rele

Value of Construction Put in Place
Provides monthly estimates of the total dollar value of cor

stics.

And, the Census Bureau has *lots of tools* for disseminating its data.

But, Census.gov *overwhelms users.*



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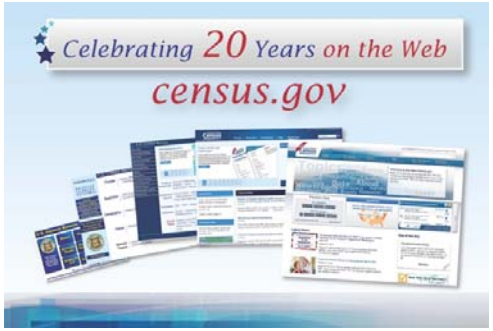
Census Bureau Online History



- 1994 — Census.gov
- 1994 — 1990 Decennial Lookup
- 1994 — MABLE / Geo Correspondence Engine
- 1995 — DataFerrett (HTML)
- 1996 — CenStats (USA Counties)
- 1997 — PopClock
- 1999 — American FactFinder
- 1999 — DataFerrett (Java)
- 2000 — QuickFacts
- 2004 — SAIPE Table Viewer
- 2006 — Quarterly Workforce Indicators & On the Map
- 2011 — American FactFinder 2
- 2012 — WebMapper & TIGERWeb
- 2012 — Open API

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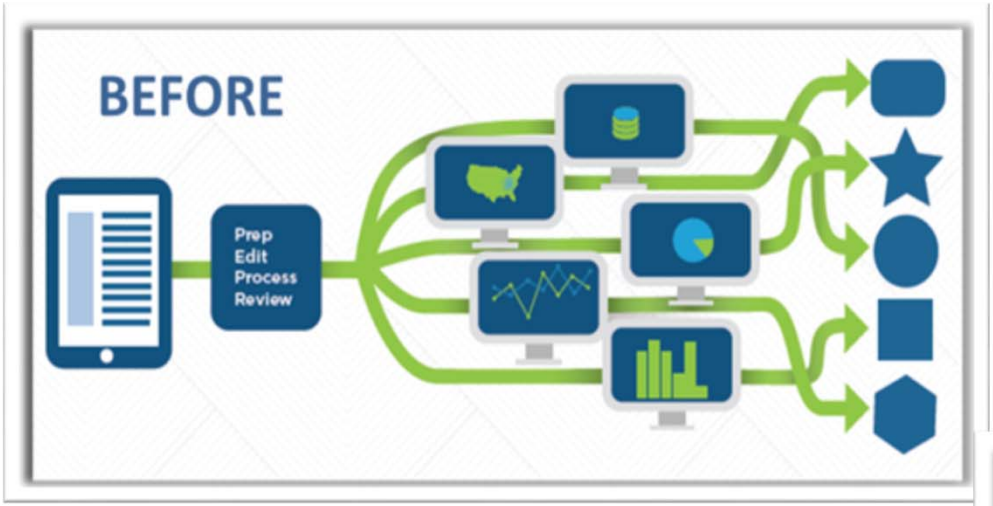
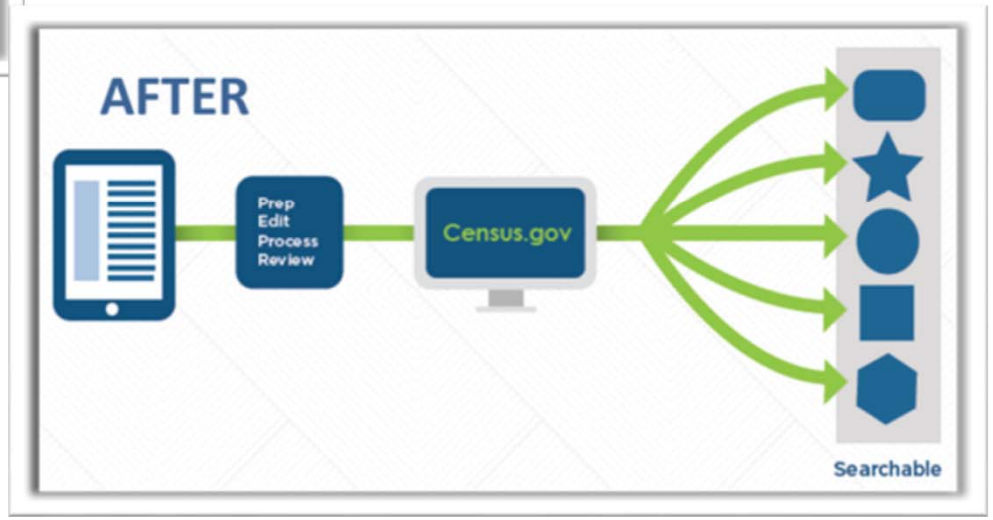
Solution: Enterprise Dissemination

- ✓Streamline user access to data
- ✓Maintain the best of our current tools
- ✓Reduce redundancies and operational costs
- ✓Provide greater access to Census Bureau API

Moving from Before to After





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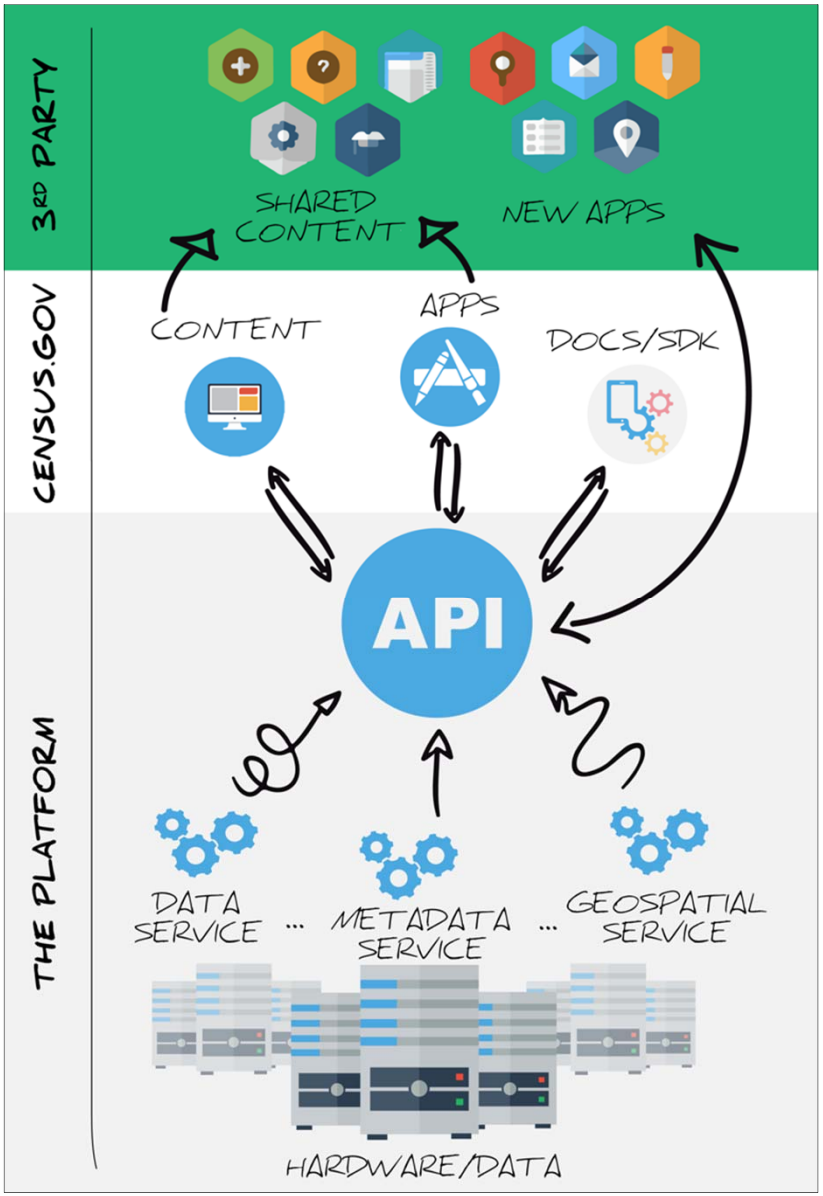
The New Dissemination Platform:

How It All Works



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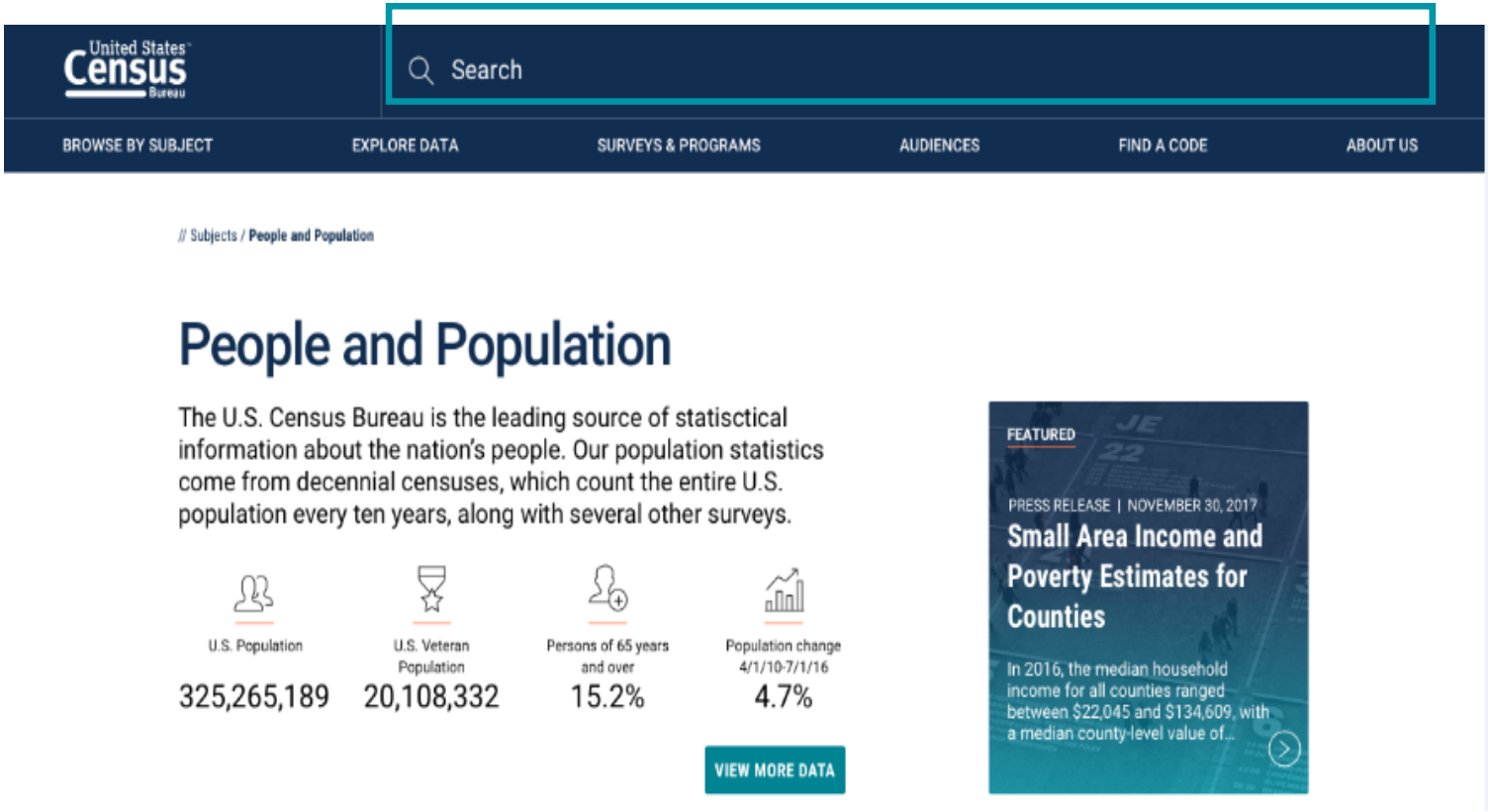
Future Integration Points



The Preview Site: data.census.gov

United States Census Bureau

Explore Census Data

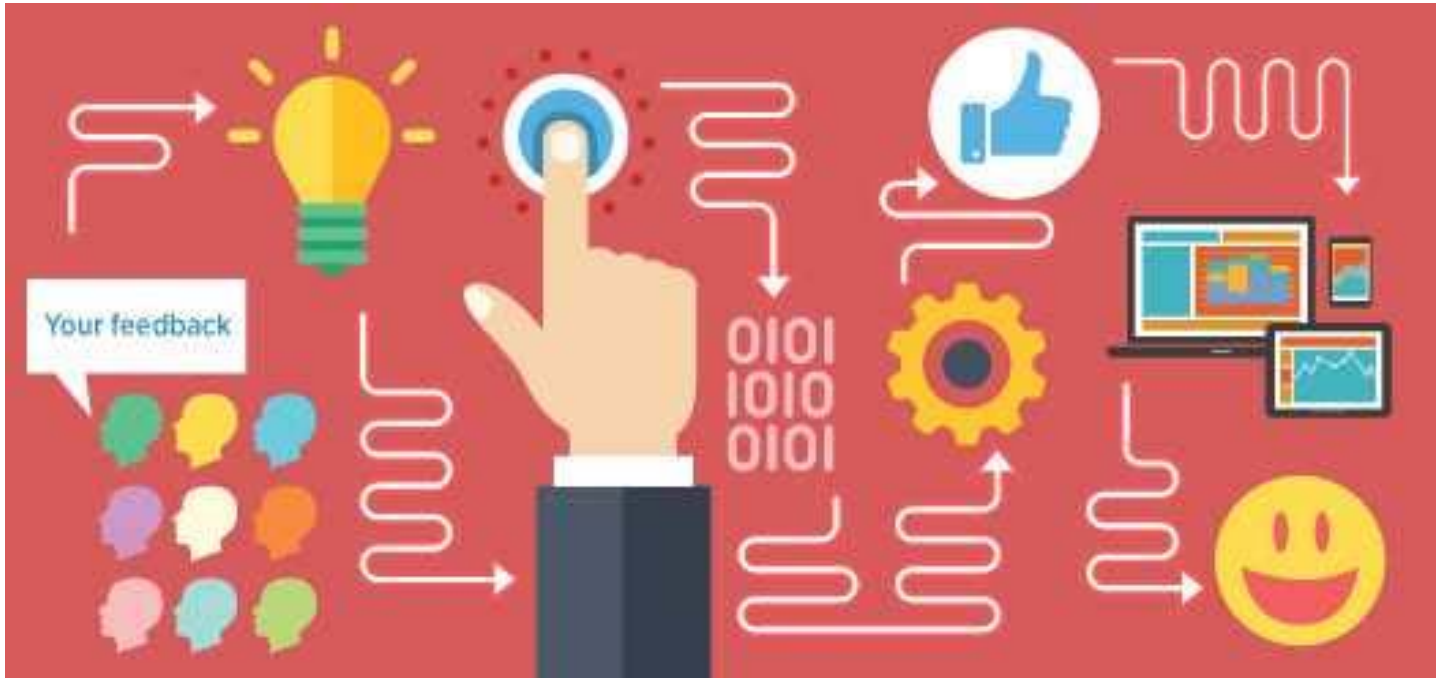
The Census Bureau serves as the leading source of quality data about the nation's people and economy.

Pov

- Poverty
- Income and Poverty
- Official Poverty Measure
- S1701: POVERTY STATUS IN THE PAST 12 MONTHS
- B17020: POVERTY STATUS IN THE PAST 12 MONTHS BY AGE

Advanced Search

Email us your thoughts: cedsci.feedback@census.gov



Questions/Feedback?

General feedback, please email: cedsci.feedback@census.gov

Specific questions? Please feel free to contact me!

Rob Chestnut

Communication and User Engagement

CEDSCI, U.S. Census Bureau

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Thank you!