

2020 Census Programs & Data Collection Coordination

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The Decennial Census

The purpose is to **conduct** a census of population and housing and **disseminate** results to the President, the States and the American People

- Uses of Census data:
 - **Apportion** representation among states as mandated by Article 1, Section 2 of the US Constitution
 - **Draw** congressional and state legislative districts, school districts and voting precincts
 - **Enforce** voting rights and civil rights legislation
 - **Distribute** federal dollars to states
 - **Inform** planning decisions of federal, tribal, state and local government
 - **Inform** organizational decisions (e.g., where to locate, size of market, etc.) of businesses and non-profits

2020 Census Design

The 2020 Census: A New Design for the 21st Century

Motivate People to Respond

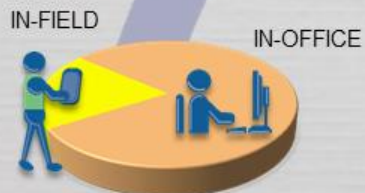
Conduct a nation-wide communications and partnership campaign

- Maximize outreach using traditional and new media
- Target ads to specific audiences
- Work with trusted sources to inspire participation.



Establish Where to Count

Identify all addresses where people could live



- Conduct a 100% review and update of the nation's address list
- Minimize field work with in-office updating
- Use multiple data sources to identify areas with address changes
- Get local government input



**Count Everyone Once
In the Right Place**

TELEPHONE
AND PAPER SELF-
RESPONSE



INTERNET SELF-RESPONSE

NONRESPONSE
FOLLOWUP



Count the Population

Collect data from all households, including group and unique living arrangements

- Make it easy for people to respond anytime, anywhere
- Encourage people to use the new online response option
- Use the most cost-effective strategy to contact and count nonrespondents
- Knock on doors only when necessary
- Streamline in-field census-taking

Release Census Results

Process and Provide Census Data

- Deliver apportionment counts to the President by December 31, 2020
- Release counts for redistricting by April 1, 2021
- Make it easier for the public to get data



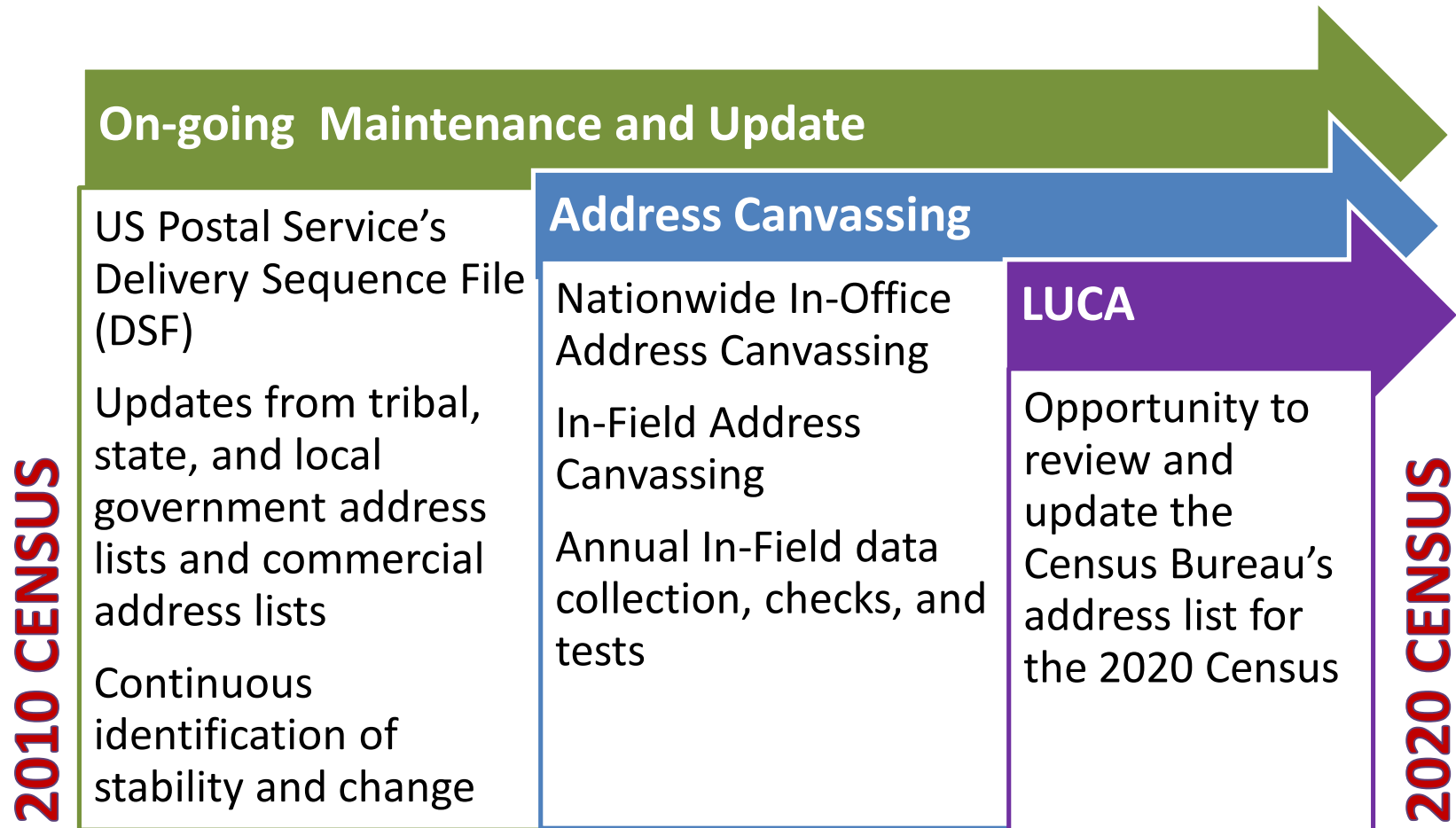


2020 Census Local Update of Census Addresses Operation (LUCA)

LUCA Background

- Authorized by the Census Address List Improvement Act of 1994 (Public Law 103-430)
- Implemented in the support of the 2000 Census and refined to support the 2010 Census
- Provides a voluntary opportunity for designated representatives of tribal, state and local governments to review and comment on the addresses used to conduct the decennial census

Address List Maintenance 2010 - 2020



Confidentiality and Security

Information provided to/from LUCA is covered under Title 13 of the United States Code which:

- Requires the Census Bureau to ensure confidential treatment of census-related information, including individual addresses and map structure points
- Requires all liaisons, reviewers, and anyone with access to Title 13 materials abide by Confidentiality and Security Guidelines
- Requires the Census Bureau maintain the confidentiality of all information it collects

Who can participate in LUCA

- Federally recognized tribes with a reservation and/or off-reservation trust land
- States
- Counties
- Incorporated places
 - Cities, towns, boroughs, or villages
- Townships (Minor Civil Divisions)

Preparation - Early Tools

2020 LUCA Address Block Count List

- Provides access to an address count list which includes the count of residential addresses and group quarters by block

	A	B	C	D	E	F	G
1	State	County	Tract	BLOCK	BLOCK_GEOID	Total Residential	Total Group Quarters
2	21	051	9501.00	1000	210519501001000	0	0
3	21	051	9501.00	1001	210519501001001	1	0
4	21	051	9501.00	1002	210519501001002	0	0
5	21	051	9501.00	1003	210519501001003	7	0
6	21	051	9501.00	1004	210519501001004	0	0
7	21	051	9501.00	1005	210519501001005	0	0
8	21	051	9501.00	1006	210519501001006	0	0
9	21	051	9501.00	1007	210519501001007	0	0
10	21	051	9501.00	1008	210519501001008	2	0
11	21	051	9501.00	1009	210519501001009	28	0
12	21	051	9501.00	1010	210519501001010	0	0
13	21	051	9501.00	1011	210519501001011	37	0

Preparation - Early Tools

Census Geocoder

- Takes individual addresses or file of addresses and obtains coordinates and census geography
- Geocoder updates include:
 - Increasing the maximum number of records for batch processing from 1,000 to 10,000
 - Providing larger governments another means to submit addresses to be geocoded

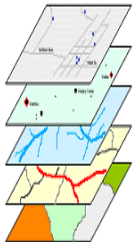
Participation Methods



Geographic Update Partnership Software (GUPS)



Paper Format - Address List and Maps



Digital Format - Address List and Maps

GUPS – Participation Method

- Customized Geographic Information System (GIS) software for participation in 2020 LUCA
- Designed for all levels of participants
- Pre-packaged to include all components
- Allows for simple to complicated reviews and edits
- Programmed with a review tool to validate LUCA edits
- No internet connection required

Other Participation Methods

- Paper
 - Available to governments with 6,000 or fewer addresses
 - Legal size (8.5" x 14") – 6 addresses per page
- Digital
 - Available to all governments
 - Excel (.xlsx) or Comma Delimited Text (.csv) format

Preparation - 2020 LUCA Schedule

Timeframe	Activity
January 2017 ✓	Advance Notice mailed to Highest Elected Officials (HEOs), Tribal Chairs (TCs), Governors, and other LUCA contacts
March 2017 ✓	LUCA promotional presentations begin
July 2017	LUCA invitation and registration materials mailed to HEOs, TCs, and Governors
October 2017	LUCA training workshops begin
December 15, 2017	Deadline for LUCA Registration
February-April 2018	LUCA materials ship. Participants begin review and update the Census Bureau's address list
February-September 2018	Census Bureau processing of LUCA submissions begins
August-September 2019	Census Bureau delivers LUCA feedback
April 1, 2020	CENSUS DAY

Preparation – Next Steps (Participant)

- **Prepare** (now!)
- **Register** to participate (July 2017)
- **Attend** a training workshop (Fall/Winter 2017)
 - In-person workshops
 - Self-training aids and Webinars available online
- **Conduct** your LUCA review (Feb-April 2018)
 - **120** calendar days upon receipt of materials to complete review

Questions about 2020 LUCA?

Visit our 2020 LUCA website:

<https://www.census.gov/geo/partnerships/luca.html>

Contact us:

Via telephone: 1-844-344-0169

Via Email: GEO.2020.LUCA@census.gov



2020 Participant Statistical Areas Program (PSAP)

PSAP Background

- Opportunity for designated representatives to review and update statistical geographic areas for the Decennial Census, American Community Survey, Economic Census, Local Employment Dynamics Program, and other Census Bureau data tabulation programs.
- PSAP for the 2020 Census now includes the former Tribal Statistical Areas Program (TSAP)

Geographic Entity Types in PSAP

- Standard Areas
 - Census tracts
 - Block groups
 - Census designated places (CDPs)
 - Census County Divisions (CCDs)
- Tribal Areas
 - Tribal tracts
 - Tribal block groups
 - Tribal subdivisions
 - Tribal designated statistical areas
 - State American Indian Reservations
 - State Designated Tribal Statistical areas (SDTSAs)
 - Alaska Native Village Statistical Areas (ANVSAs)
 - Oklahoma Tribal Statistical Areas (OTSAs)

GUPS – Participation Method

- Customized Geographic Information System (GIS) software for participation in 2020 PSAP
- Designed for all levels of participants
- Pre-packaged to include all components
- Allows for simple to complicated reviews and edits
- Programmed with a review tool to validate PSAP edits
- No internet connection required

Operational Changes

- All PSAP geographies will be reviewed in-house for adherence to:
 - Coding and naming conventions
 - Optimal boundary feature use
 - Published criteria and guidelines
- Participants will have the choice to update:
 - Adjust 2010 statistical boundaries
 - Adjust proposed 2020 plan

Criteria Changes

- No changes planned to criteria for any of the statistical areas.
- Informal operational guidelines from 2010 are clear and consistent in the 2020 criteria
- 2020 PSAP geographies are recognizable in:
 - Concept and purpose
 - Coding and naming conventions
 - Types of boundary features permitted

Basic Block Group Thresholds

BG Type	Threshold Type	Optimum	Minimum	Maximum
Standard and Tribal Block Groups			Minimum	Maximum
	Population		600	3,000
	Housing unit		240	1,800
Special Land Use Block Groups	Urban Area (sqmi)	>= 1 in UA and >= 10 outside UA		
	Population	Little or None, or within standard tract thresholds		

Basic Tract Thresholds

Tract Type	Threshold Type	Optimum	Minimum	Maximum
Standard and Tribal Tracts	Population	4,000	1,200	8,000
	Housing unit	1,600	480	3,200
Special Land use Census Tracts	Urban Area (sqmi)	>= 1 in UA and >= 10 outside UA		
	Population	Little or None, or within standard tract thresholds		

Proposed 2020 PSAP Schedule

Timeframe	Activity
Summer 2017	Proposed criteria published in the <i>Federal Register</i> .
Spring 2018	Contact 2010 participants regarding participation in 2020.
Summer 2018	Final criteria published in the <i>Federal Register</i> .
Summer 2018	Official letters sent to PSAP participants and state, county, and local points of contact.
December 2018	Participants receive PSAP materials for review and update of statistical areas.
December 2019	Participants receive updated boundaries for review and verification.
December 2020	Geographic products containing updates received through the 2020 PSAP released.

Questions about 2020 PSAP?

PSAP website coming fall 2017

Contact:

Via telephone: 301-763-9168

Via Email: monica.mardel@census.gov



Boundary & Annexation Survey (BAS) State Agreements

BAS Agreement Benefits

- Cooperative program for the regular and coordinated collection and tracking of boundary updates and datasets maintained by the state and local governments
- Agreement can provide a framework for sharing responsibilities and data while implementing a regular and ongoing collection of local government GIS data that will satisfy needs of the U.S. Census Bureau along with your state
- Reduces the duplication of effort between local, state, and federal agencies
- Reduces the burden that state and federal agencies place on local governments

BAS Agreement Benefits

- Benefits both parties as it furthers each one's goal of accurately carrying out responsibilities
 - Each party has a need to gather and maintain geographic data pertaining to addresses, street features, and boundaries, and each party can benefit from the knowledge, expertise, and resources of the other party in a cooperative endeavor.
 - For the Census Bureau, these responsibilities include acquiring address, street centerline, and boundary data from local governments, and using that data to update the Census Bureau's MAF/TIGER system.
 - For each state, these responsibilities include/pertain to acquiring boundary updates, and boundary data from state and local sources for the statewide coordination of GIS information and efficient use of resources.

BAS Agreement Benefits

- Once the Census Bureau and state come to agreement on specified datasets, the Census Bureau will update the MAF/TIGER system with the new datasets.
- No funds are transferred as a result of this agreement.
- Census Bureau will work with the state to prioritize updates to the Census Bureau's databases.

BAS Agreement Requirements

- States use BAS partnership shapefiles provided by the Census Bureau for the following activities:
 - Create change polygons aligned with Census Bureau geography using GUPS or other GIS
 - Attribute change polygons with the required information
 - Submit a separate layer of changes for each geography type (e.g. parishes, cities, etc.)
 - Submit all updates using the Census Bureau's Secure Web Incoming Module (SWIM)

Questions about BAS State Agreements?

Visit our BAS website:

<https://www.census.gov/programs-surveys/bas.html>

Contact:

Via telephone: 301-763-9095

Via Email: nathan.jones@census.gov

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More information on the 2020 Census Memorandum Series:
<http://www.census.gov/programs-surveys/decennial-census/2020-census/planning-management/memo-series.html>



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youtube.com/user/uscensusbureau



More information on the 2020 Census:
<http://www.census.gov/2020Census>



instagram.com/uscensusbureau



More information on the American Community Survey:
<http://www.census.gov/programs-surveys/acs/>



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