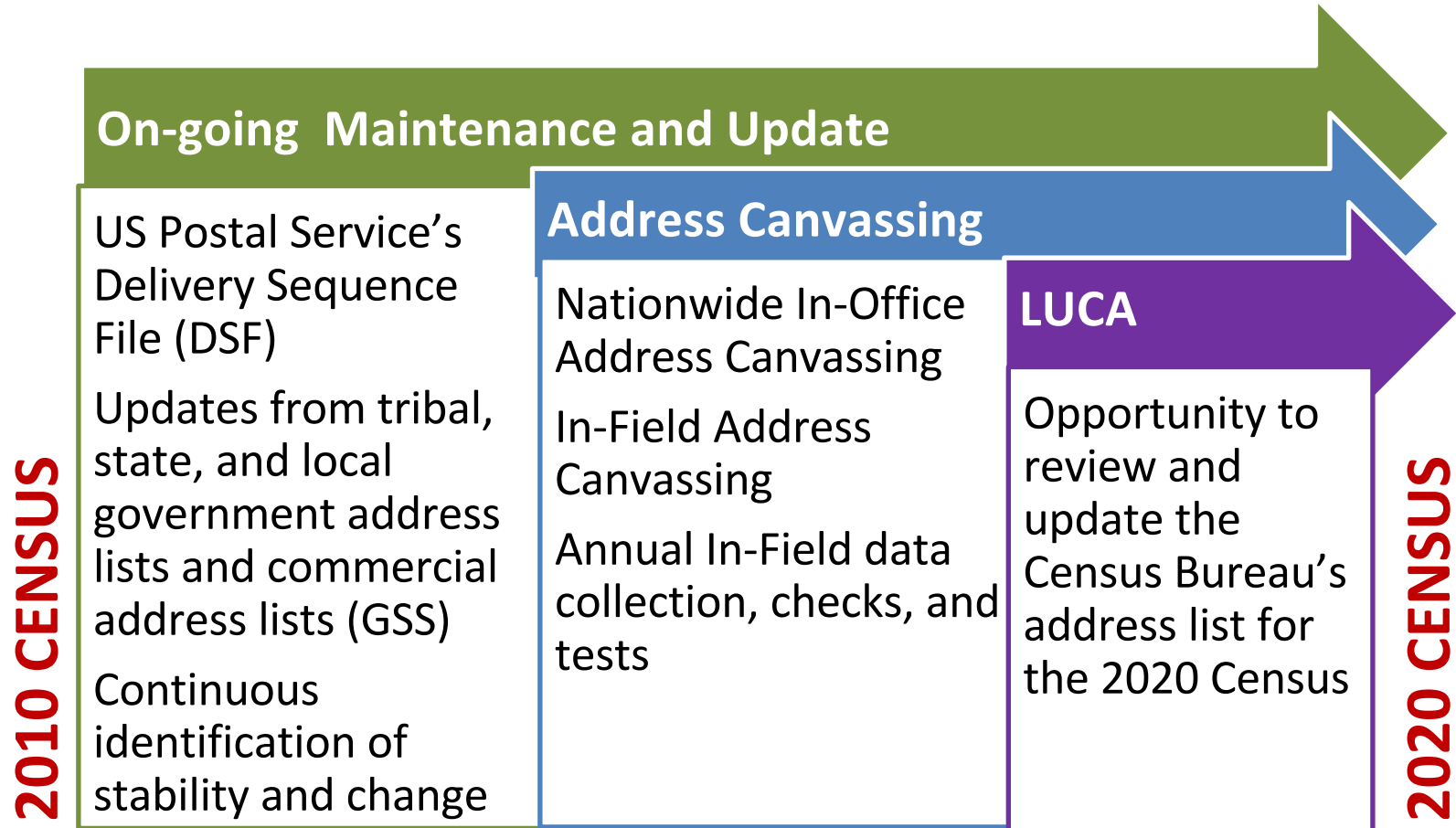


Geographic Programs Supporting the 2020 Census

Address List Maintenance 2010 - 2020



Geographic Support System GSS

The Geographic Support System Initiative (GSS) is an integrated program that supports the 2020 Census by:

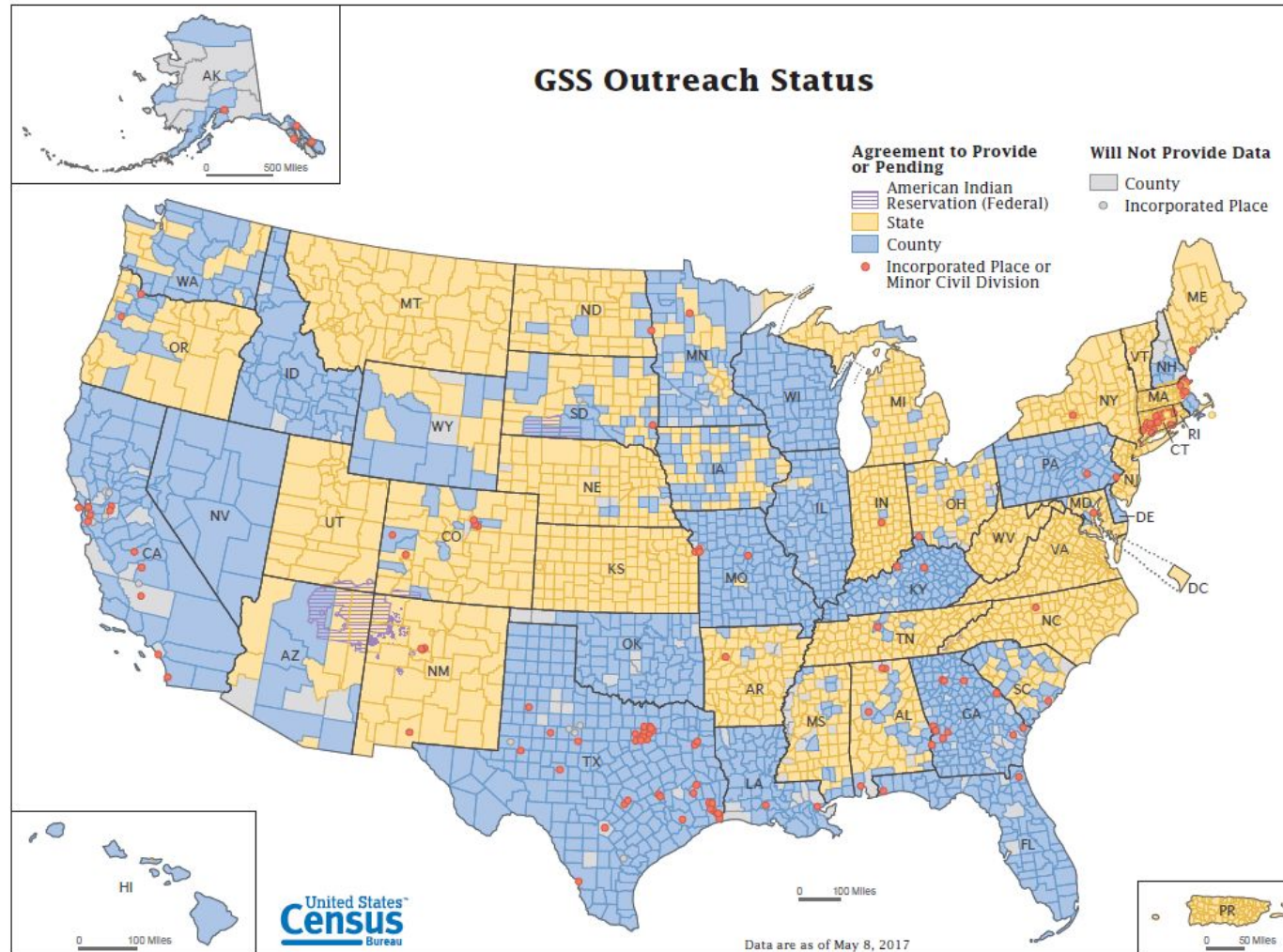
- improving address coverage
- continuously updating spatial features
- enhancing the quality assessments and measurements of the Master Address File/Topologically Integrated Geocoding and Referencing System (MAF/TIGER) database

Geographic Support System GSS

Through the GSS, the Census Bureau works with local government partners

- to collect geographic data about their boundaries including annexations
- to ensure we have the most up to date geographic and address data
- to develop tools for more efficient ways to share data

Geographic Support System GSS



Local Update of Census Addresses

LUCA



What is It?

An opportunity for state, local and tribal governments to review the list of addresses that will be used to conduct the Decennial Census

Why Participate?

Ensure the Census Bureau has an accurate list of housing units for your community to facilitate the best count possible.

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

What's New for 2020 LUCA

- **Includes** ungeocoded address records for state and county participants
- **Requires** residential multi-unit structure identifiers (e.g., Apt 1, Unit A2, #3001, etc.)
- **Includes** residential structure coordinates, if available
- **Allows** participants to submit residential structure coordinates, if available
- **Allows** participants to submit non-city style addresses with corresponding map spot

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
- Regional Planning Agencies*

* when designated by a local government

Preparation - Early Tools

2020 LUCA Address Block Count List

Provides 2017 address counts by 2010 census block so you can assess whether you'd like to participate.

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

Preparation - Early Tools

Census Geocoder

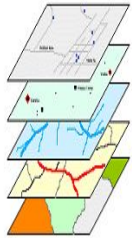
Takes addresses and returns that same address along with a latitude/longitude and/or census geography.

<https://geocoding.geo.census.gov/>

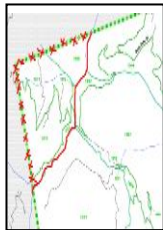
Preparation - Participation Methods



Geographic Update Partnership
Software (GUPS) based on QGIS



GIS Format – Shapefiles and Address List



Paper Format - Address List and Maps

Preparation – Next Steps (Participant)

- **Register** to participate (July–December 15, 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

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

Boundary & Annexation Survey

BAS



What is It?

An *annual* survey of all governments to collect legal boundaries in effect on January 1st of the BAS year.

Why Should Governments Participate?

Boundaries are used to tabulate data for:

- Decennial Census (year ending in 0)
- Economic Censuses (years ending in 2, 7)
- Population Estimates Program (annually)
- American Community Survey (annually)

Boundary & Annexation Survey

BAS



Submission Deadlines:

March 1 of survey year – Deadline for BAS submission to be included in Population Estimates Program and American Community Survey

May 31 of Survey Year: updates reflected in the following year's BAS.
Boundaries submitted by May 31 will be included in LUCA.

Participation Tools:

GUPS (Geographic Update Partnership Software), your GIS, paper maps

Review Online NOW using TIGERweb:

<https://tigerweb.geo.census.gov/tigerweb/>

2020 Participant Statistical Areas Program PSAP



What is it?

An Opportunity for regional planners to review and update **Census Tracts**, **Block Groups** and **Census Designated Places** (CDPs) in preparation for 2020 data tabulation and publication in 2021. Basic program goals:

- Encourage states as well as Regional Commissions and Councils to participate in this once-a-decade data review and update
- Facilitate our dissemination of data for small geographies

2020 Participant Statistical Areas Program PSAP



Program Implementation

- 2020 PSAP plan created by the Census Bureau for review (*new for 2020*)
- 2 Phases: Delineation (120-days)
Verification (120-days)

Schedule

- Spring 2017: Program announcement
- Late 2018: Plan delineation
- Late 2019: Plan verification

Boundary Validation Program (BVP)

January 2020

- Highest Elected Officials (HEO) and Tribal Leaders (TL) are provided maps of jurisdictional boundaries for initial review and update in March 2020
- HEOs and TLs complete final validation of boundary changes provided during BVP or BAS by May 2020
- Boundaries as of January 1, 2020 will be used for 2020 Census data tabulation

How to prepare for geographic programs:

Ensure your government responded to the 2017 BAS

The LUCA provides only those addresses **inside** your jurisdiction's boundaries, so if your boundaries are incorrect, you may not see your entire address list.

Get your local address list in shape for LUCA

- Determine unit designations for multi-unit buildings
- Determine residential vs. commercial addresses
- Geocode to current Census Tract/block

See: <https://geocoding.geo.census.gov/>

Questions?

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