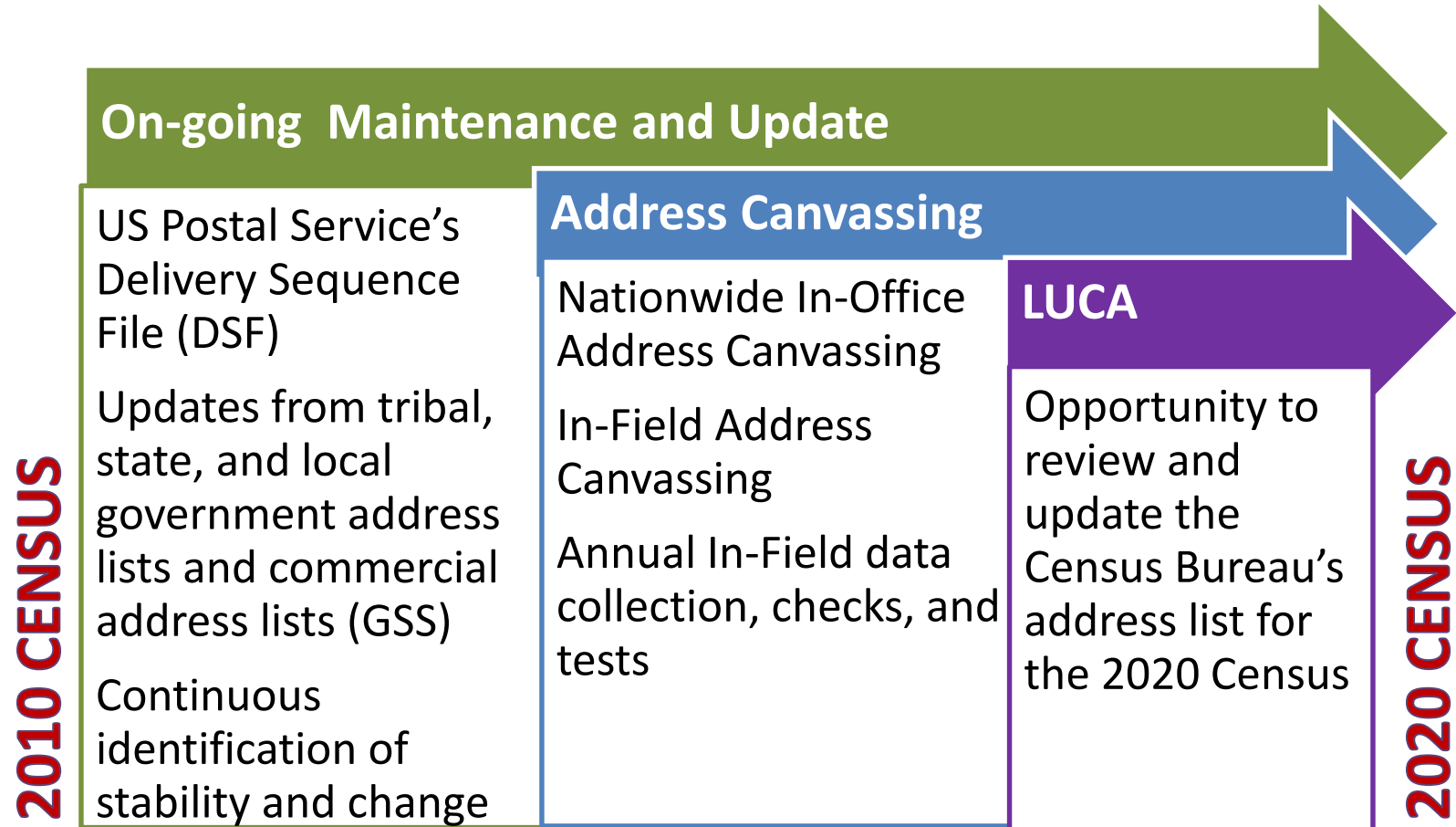


# Geographic Programs Supporting the 2020 Census

# 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:

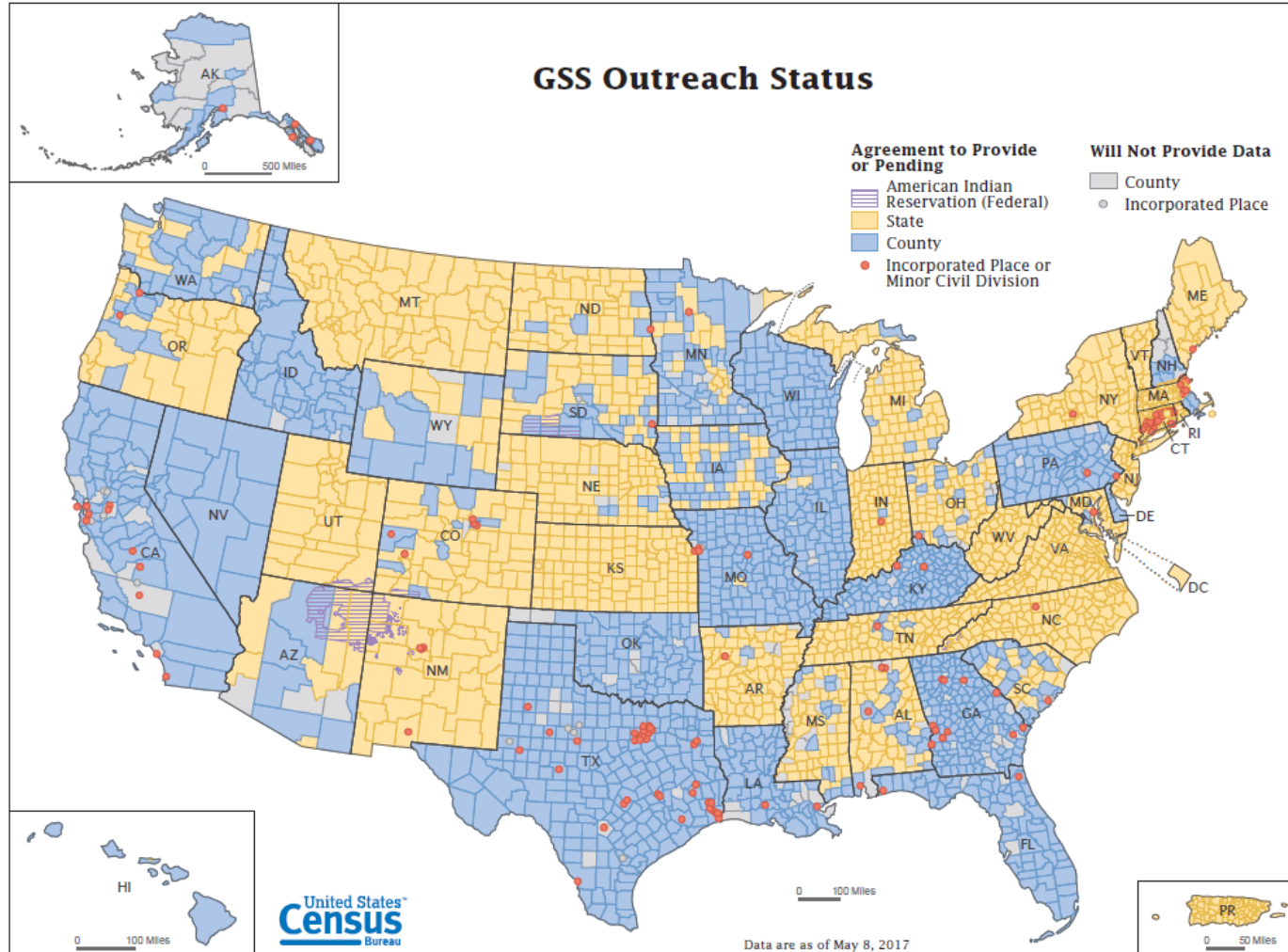
- improving address coverage
- continuously updating spatial features
- enhancing the quality assessments and measurements of the Master Address File/Topologically Integrated Geocoding and Referencing System (MAF/TIGER) database

# 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
<b>December 15, 2017</b>	<b>Deadline for LUCA Registration</b>
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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