



2020 Census

Local Update of Census Addresses Operation (LUCA)

Agenda

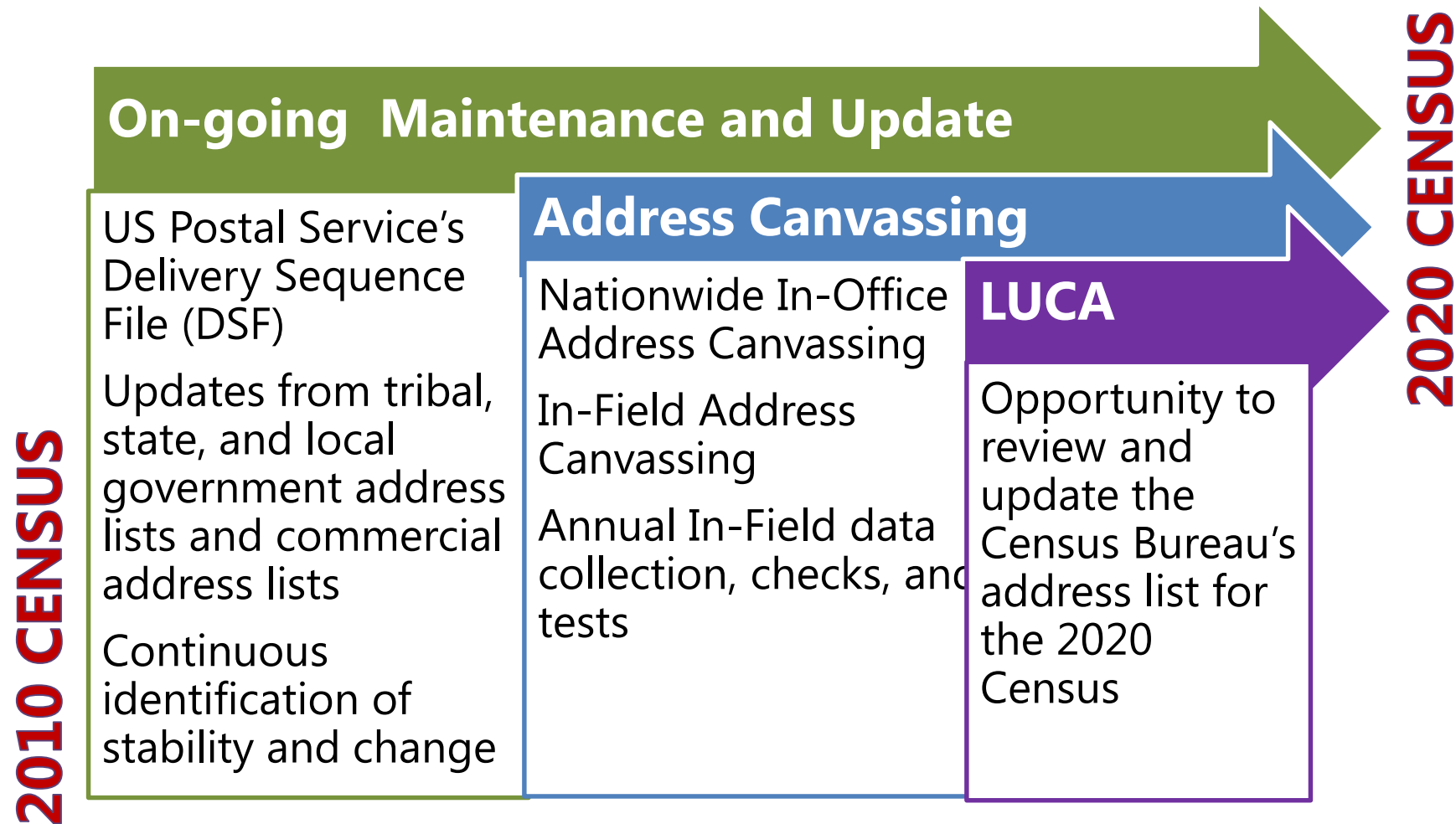
- The Decennial Census
- Address List Maintenance 2010 - 2020
- LUCA
 - Background
 - Confidentiality and Security
 - Who Can Participate
 - What's New for LUCA
- Preparation for LUCA Participation
 - Early Tools
 - Participation Methods
 - Product Formats (Address List & Maps)
- Schedule

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:
 - **Apportioning** representation among states as mandated by Article 1, Section 2 of the US Constitution
 - **Drawing** congressional and state legislative districts, school districts and voting precincts
 - **Distributing** federal dollars
 - **Informing** planning decisions of federal, tribal, state and local government and organizational decisions (e.g., where to locate, size of market, etc.) of businesses and non-profits

Address List Maintenance 2010 - 2020



Geographic Support System (GSS) Program

- Opportunity for tribal, state, and county governments to provide address and spatial data to the Census Bureau leading up to the decennial census
- Leverages the Census Bureau's broad partner network to encourage participation
- Recognizes partner governments as a definitive authority for quality address and street data within their communities

LUCA Background

- 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
- Implemented in the support of the 2000 Census and refined to support the 2010 Census
- Requires all liaisons, reviewers, and anyone with access to Title 13 materials to abide by Confidentiality and Security Guidelines

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
- Minor Civil Divisions
 - Townships

What's New for 2020 LUCA

- Streamlined participation – Full Address List Review
- Standard software formats for the digital address list
- 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

Preparation – Early Tools (2020 Census LUCA Address Block Count files)

	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 approximate 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

Preparation – Participation Methods

- Geographic Update Partnership Software (GUPS)
 - Custom GIS software for participation in LUCA
 - Pre-packaged to include all LUCA components
- Paper Format – Address List
 - Available to governments with 6,000 or fewer addresses
 - Legal size paper - Six addresses per page
 - Separate 'Add Page' – four addresses per page
 - Two sorts:
 - Street Name/House Number
 - Census Tract/Census Block/Street Name/ House Number
- Digital Format – Address List
 - Available to all governments
 - Excel (.xlsx) or Comma Delimited Text (.csv) format
 - No separate 'Add Page'

Preparation – Map Formats

- Paper
 - Available to all governments
 - Two types of paper map materials:
 - Large format (42" x 36") maps
 - DVD of Adobe small format (8.5" x 14") census block maps
- Digital
 - Available to all governments
 - TIGER partnership shapefiles (LUCA specific)
 - Utilize GIS software

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

Preparation - 2020 LUCA Schedule

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

Questions about 2020 LUCA?

Visit the 2020 LUCA website:

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

Contact us:

- Geographic Programs Support Desk toll-free telephone number: 1-844-344-0169
- Email: GEO.2020.LUCA@census.gov