

2020 CENSUS LOCAL UPDATE OF CENSUS ADDRESSES OPERATION (LUCA)

U.S. Census Bureau
Geography Division

Agenda

- 2020 Census Local Update of Census Addresses Operation (LUCA)
- Participation in LUCA
 - Why participate
 - How to participate
- What's new for LUCA
- Preparation for LUCA
 - Materials
 - Next Steps
 - Schedule
- Q&A

What is the 2020 Census Local Update of Census Addresses Operation (LUCA)

- Voluntary geographic partnership operation
- Tribal, state, and local governments review and update the Census Bureau's Address List for residential addresses
- Authorized by the [Census Address List Improvement Act of 1994 \(Public Law 103-430\)](#)

Who can participate in LUCA

- Active governments
 - Federally recognized tribes with a reservation or off-reservation trust land
 - States and counties
 - Cities, towns, boroughs, or villages (incorporated places)
 - Townships and towns (minor civil divisions)

Why participate in LUCA

Census data are used to:

- **Apportion** seats in the House of Representatives
- **Draw** congressional and state legislative districts, school districts and voting precincts
- **Enforce** voting rights and civil rights legislation
- **Distribute** federal dollars to states
- **Inform** federal, tribal, state, and local government planning decisions
- **Inform** business and nonprofit organization decisions (e.g., where to locate, size of the market)
- **Provide** population benchmark for nearly every other United States survey

Why LUCA participation is important to the 2020 Census

- Improves the Census Bureau's Address List
- The accuracy and completeness of the address list is critical to the success of the Census

The 2020 Census Local Update of Census Addresses (LUCA) Operation

What is LUCA?

LUCA is the only opportunity offered to tribal, state, and local governments to review and comment on the U.S. Census Bureau's residential address list for their jurisdiction prior to the 2020 Census. The Census Bureau relies on a complete and accurate address list to reach every living quarters and associated population for inclusion in the census.



Why participate in LUCA?

- To help ensure an accurate decennial census count in your community.
- To help the federal government distribute more than \$400 billion in funds annually for infrastructure, programs, and services.
- To help your community plan for future needs.

Who can participate in LUCA?

Active, functioning, legal governments can participate in LUCA. These include:

- Federally recognized tribes with a reservation and/or off-reservation trust lands.
- States.
- Counties.
- Cities (Incorporated places).
- Townships (minor civil divisions).

If you are unable to participate in LUCA, you may designate an alternate reviewer for your government, such as your county, state data center, or regional planning agency.

The graphic features a yellow background with a stylized illustration of a town on a hill at the top. Below the illustration is a calendar icon. The text 'Schedule' is written in bold. A list of key dates and events is provided, including advance notifications, workshops, registration forms, training, and the final census day.

Schedule

- January 2017: Advance notification of LUCA mailed to the highest elected official (HEO) or Tribal Chairperson (TC) of all eligible governments and other LUCA contacts.
- March 2017: LUCA promotional workshops begin.
- July 2017: Invitation letter and registration forms mailed to the HEO or TC of all eligible governments.
- October 2017: Training workshops begin. Self-training aids and Webinars will be available online at the LUCA Web site.
- February 2018: Participation materials mailed to registered participants. Participants have 120 calendar days from the receipt of materials to complete their review.
- August 2019: Feedback materials offered to participants with the results of Address Canvassing.
- April 1, 2020: Census Day.

Connect With Us

What's New for LUCA

- **Offers** streamlined participation – Full Address List Review
- **Requires** residential multiunit structure identifiers (Apt 1, Apt 2)
- **Provides** the digital address list in a standard software format
- **Includes** ungeocoded address records for participants
- **Includes** residential structure coordinates
- **Allows** participants to submit residential structure coordinates

How to prepare for LUCA

- ✓ **Submit** Contact Information Update Form
- ✓ **Develop** a strategy for your address review
- ✓ **Review** the Census Bureau's count of residential addresses by census block for your government
- ✓ **Confirm** that your address list contains individual multi-unit structure identifiers (Apt 1, Apt 2)
- ✓ **Identify** local address sources such as building permits, E-911 address files, local utility records, annexation records, and assessment or taxation files
- ✓ **Plan** to attend a LUCA Promotional Workshop

How to prepare for LUCA (continued)

✓ Geographic Support System (GSS)

- Submit address, structure point data, and spatial feature updates

<http://www.census.gov/geo/gssi/>

✓ Boundary and Annexation Survey (BAS)

- Ensure correct boundaries

<http://www.census.gov/geo/partnerships/bas.html>

Confidentiality and Security

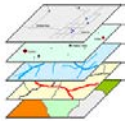
- All LUCA materials are protected under Title 13, U.S. Code
- Signed confidentiality agreements are required to participate in LUCA

LUCA

Participation Methods



GUPS (Geographic Update Partnership Software)



Digital (Commercial GIS/Spreadsheet/Database software)



Paper Address List and Maps

(Available only to governments with < 6,000 addresses)

Digital Option-1

- **Geographic Update Partnership Software (GUPS)**
 - Self-contained GIS update and processing package
 - Includes Census Bureau's Address List, Census Bureau's count of residential addresses by census block, and TIGER partnership shapefiles
 - Allows addition of external geospatial data

Digital Option-2

- **Commercial Geographic Information System (GIS)**
 - Address list requires use of spreadsheet or a different type of database software
 - Maps are provided as TIGER partnership shapefiles

Paper Option

- Address lists available to governments with 6,000 or fewer addresses and delivered in 8.5" X 14" format [the equivalent of 1,000 printed pages]
- Large format paper map(s) (36" X 42") along with a DVD of small format (8.5" X 14") block maps in Adobe PDF format



What's next for LUCA

- **Advanced notice** mailed to Highest Elected Officials (HEO) and Tribal Chairs (TC) (cc other LUCA contacts) January 2017
 - Contact Update Form
- **Invitation and registration** mailed July 2017
 - LUCA Information Booklet
 - Confidentiality and Security Guidelines
 - Forms for Registration:
 1. Registration Form
 2. Confidentiality Agreement Form
 3. Product Preference Form
 4. Self-Assessment for the Confidentiality and Security Guidelines

Next Step for Participants

Training begins in October 2017

- In-person workshops conducted where needed
- Self-training aids and webinars online

Completing the address review

- **120** calendar days to review and update the Census Bureau's Address List from receipt of materials

2020 Census LUCA Schedule

2020 LUCA SCHEDULE

January-February 2017 – Advance Notice mailed to HEOs and other LUCA contacts

March-June 2017 – LUCA Promotional Workshops conducted

July 2017 – Invitation and Registration mailed to HEOs

October 2017 – LUCA Training Workshops begin

February – April 2018 – Participants review and update the Census Bureau's Address List

August – September 2019 – Deliver Feedback materials

April 1, 2020 – CENSUS DAY

2020 Census LUCA Operation

Questions?

Contact Information:

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