2030 Local Update of Census Addresses (LUCA) Overview

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Agenda

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- Participation in 2030 LUCA
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2030 LUCA Overview

- The 2030 Local Update of Census Addresses (LUCA) supports the Census Address List Improvement Act of 1994 (Public Law 103-430).
- This act authorizes the U.S. Census Bureau to provide addresses to officials of tribal, state, and local governments for review and comment before the 2030 Census.
- Tribal, state, and local governments who agree to protect the confidentiality of our address list will receive an address list for their jurisdiction and have the option to provide suggestions to:
  - Add missing addresses;
  - Delete non-existent addresses;
  - Update geographic locations of addresses.
- Governments that provide suggestions will receive feedback on their submissions.
- Governments will have the option to appeal results to the Office of Management and Budget (OMB).

Participation in 2030 LUCA

- Eligible governments include:
  - Federally recognized Tribal Nations with a reservation and/or off-reservation trust lands;
  - States;
  - Counties;
  - Incorporated places (cities, towns, villages, etc.);
  - Minor civil divisions (townships, towns, etc.).
- Highest elected/appointed officials from active, functioning, legal governments can designate 2030 LUCA participants for their jurisdiction.

Participation in 2030 LUCA

- Participation in 2030 LUCA is not required, but governments may want to get involved for several reasons:
  - Support a complete and accurate census count.
    - Opportunity to help ensure everyone is counted in the 2030 Census.
    - Develop and maintain an accurate housing unit and group quarters address list.
  - Impact access to federal funding.
    - Trillions of dollars in federal funding[1] have been distributed annually to tribal governments, states, communities, and other recipients using Census Bureau data in whole or in part, including data from the decennial census.

[1] Data Source: Uses of Decennial Census Programs Data in the Federal Funds Distribution: Fiscal Year 2021

New for 2030 LUCA

- Planned innovations for 2030 LUCA include:
  - Governments can access Census Bureau address counts before 2030 LUCA starts.
    - Provides additional time to review resources and gather information.
  - 2030 LUCA participation will be digital only.
    - Access to 2030 LUCA materials will be web-based only.
    - There will be no paper materials for 2030 LUCA.
  - Email will be the primary means of communication.
    - In an effort to reduce paper and costs while improving communications.

New for 2030 LUCA

- Improved tools, including an address matching service.
- Web-based tools (no software download).
  - Geographic Update Partnership Software (GUPS) Web.
    - An open-source application that provides participants the ability to update geospatial data and attributes for geographic partnership programs.
  - Geography Division Partner Portal (GDPP)
    - Secure portal for communication and 2030 LUCA registration.
- Review period extended from four months to six months.

New for 2030 LUCA

- Coverage-Based
  - Determine if the Census Bureau's address list has the right number of addresses.
  - Verify addresses are in the right location (census block).
- Data-Driven
  - Use available tools and data to decide where to focus the 2030 LUCA review.
  - A coverage-based review will focus on determining if the Census Address List has the correct number of addresses.
- More Efficient
  - Enable 2030 LUCA participants to take a consistent, systematic approach to reviewing their address and providing updates.
  - Maximize value the 2030 LUCA will add to the 2030 Census.

Census Bureau Address List Maintenance

- An address list includes street address or other descriptive information about the location of housing units.
- Advancements in tools, data sources, and methods have increased the accuracy of the Census Bureau's address list in most areas.
- Maintenance efforts throughout the decade include various methods such as:
  - Bi-annual updates with the United States Postal Service (USPS) address files;
  - Automated change detection using moderate- and high-resolution imagery to identify change areas;
  - Comparison of change areas with parcel data and building footprints;
  - Use of data science practices to automate and improve accuracy of address updates;
  - In-office research and updates to supplement automated processes.

Important dates

- Early 2027 – Mid 2027: Prepare to participate in 2030 LUCA.
  - Learn details about 2030 LUCA, set up accounts, and get registered;
  - Gather materials to review the address list once the review period opens;
  - Practice conducting an address-level review.
    - Submissions will not be accepted at this time, but there will be opportunities for training and hands-on practice with the new Geographic Update Partnership Software (GUPS) Web application.

- Late 2027 – Early 2028: 2030 LUCA Review.
  - Continued opportunity to learn about 2030 LUCA, set up accounts, and get registered.
  - Governments review and submit suggestions to the Census Bureau's address list:
    - Add residential addresses;
    - Delete residential addresses that do not exist;
    - Update the geographic location of residential addresses.
  - Firm deadline for 2030 LUCA submissions to ensure all eligible addresses are included in the 2030 Census.

Important dates

- Early 2029: Receive feedback on 2030 LUCA submission and option to submit appeals.
  - Governments receive address-level feedback on how their submissions are incorporated into the Census Bureau's address list.
  - Governments must submit any appeal to the OMB within 45 days of receiving feedback.

- Late 2029: Closeout.
  - The closeout phase marks the end of governments' access to confidential 2030 LUCA materials.

How to Prepare for 2030 LUCA

- Complete coverage-based review to determine if government should participate in 2030 LUCA.
  - Governments can update their address list or create one.
  - Local address sources may include:
    - Building permits;
    - E-911 address files;
    - Local utility records;
    - Annexation records;
    - Assessment or taxation files.
- Include location latitude and longitude.
  - Required for 2030 LUCA.
    - Local Update of Census Addresses (LUCA)

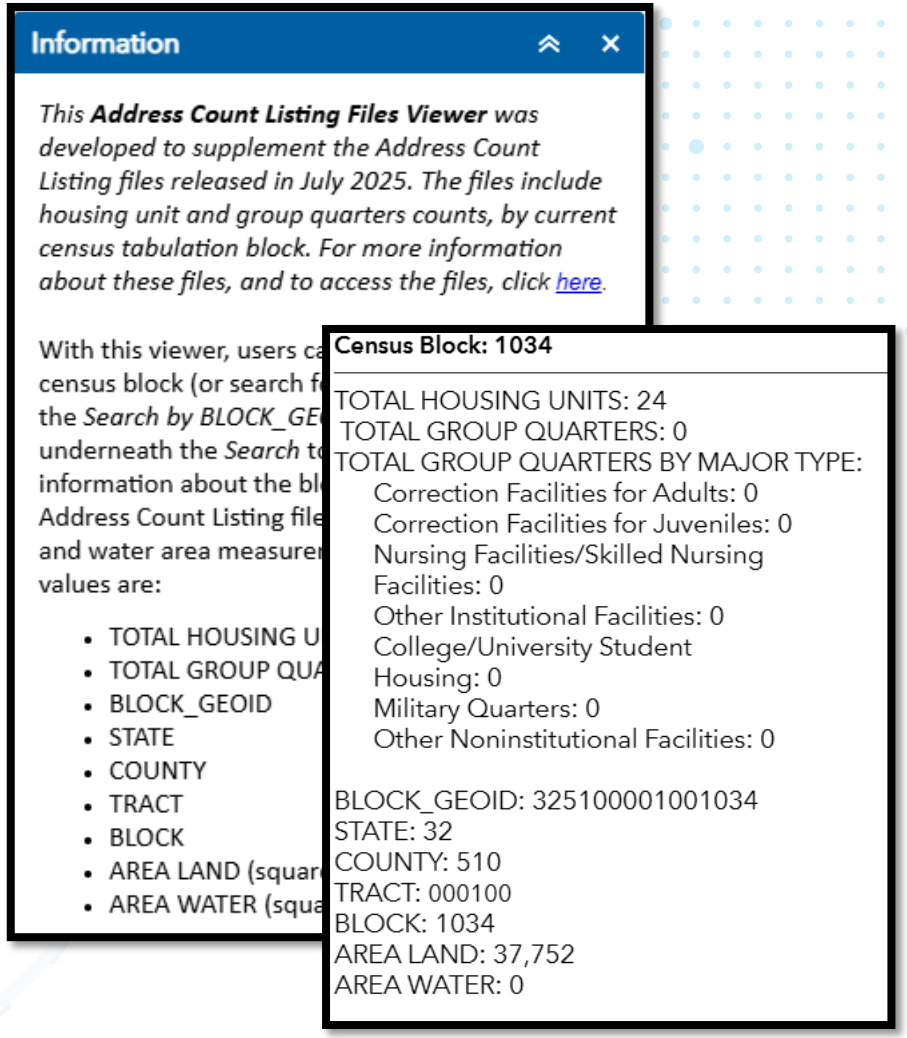
How to Prepare for 2030 LUCA

- 2030 LUCA website resources and tools are helpful to review address changes compared to the 2020 Census.
  - Reviewing the address counts helps determine the time and resources needed for 2030 LUCA.
  - Not all eligible governments will need to complete the confidentiality agreement and conduct a detailed address review.
- Only residential living quarters will be included.
  - Exclude addressed structures, such as libraries, fire hydrants, or businesses.
- Coordinate with states or other higher-level governments, which may include:
  - Publishing data in the National Address Database (NAD);
  - Sharing parcel data;
  - Other collaborations.
- Explore additional resources that may be available to support a 2030 LUCA review such as:
  - County;
  - State;
  - State Data Center;
  - Regional planning agency.

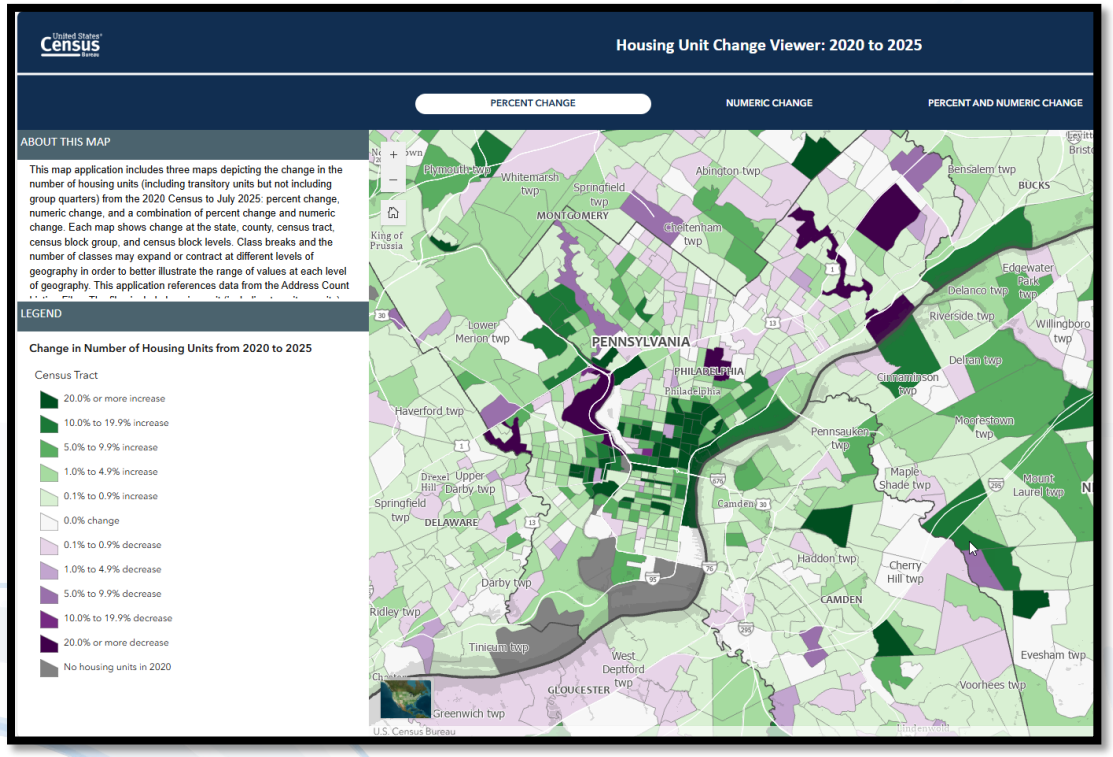
2030 LUCA Resources Available for Planning

- Address Count Listing Files and Viewer (Current & 2020 Census):
  - Updated twice a year.
  - Downloadable files of current address counts and 2020 Census address counts by 2020 Census tabulation block.
  - Provides a current map viewer and 2020 Census map viewer to view address counts within 2020 Census tabulation block boundaries.
  - Data Gem: How to use the Address Count Listing Files and Viewer.

- Census Geocoder:
  - Updated twice a year.
  - Latitude/longitude of address will provide current or 2020 tabulation block.
  - Coming soon, users will be able to create an address block count list based on their address list.
  - Geocodes Puerto Rico addresses.
  - Census Geocoder.



2030 LUCA Resources Available for Planning



- Housing Unit Change Viewer (2020 to current):
  - Map application includes three maps depicting the change in the number of housing units.
  - Housing Unit Change Viewer: 2020 to current.
  - Tracking Housing Trends with the Housing Unit Change Viewer (video)

THANK YOU

QUESTIONS?

2030.LUCA@CENSUS.GOV

2030 LUCA WEBPAGE

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