2030 Local Update of Census Addresses (LUCA)

December 17, 2025

United States® Census Bureau

What is LUCA?

- The Local Update of Census Addresses Operation (LUCA) supports the Census Address List Improvement Act of 1994 (Public Law 103-430), which authorizes the Census Bureau to provide addresses to officials of tribal, state, and local governments who agree to conditions of confidentiality.
- Designated LUCA participants who agree to the conditions of confidentiality will receive an address list for their jurisdiction, and have the options to provide suggestions to:
    - Add missing addresses.
    - Delete addresses that do not exist.
    - Update the geographic location of addresses (move from one Census block to another).
    - Converting living quarter type (for example a non residential building to a residential building)
- LUCA participants who provide suggestions will receive feedback on their submission and will have the option to appeal results to the Office of Management and Budget (OMB).

Who can participate in LUCA?

Eligible governments include:

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

Highest elected/appointed officials from active, functioning, legal governments can designate LUCA participants for their jurisdiction. This may include direct employees, interns, contractors, or designating alternate reviewers, such as county, state data center, or regional planning agency.

2030 LUCA Phases

1. LUCA Preparation

Prepare for LUCA and option for training on Census tools. Review the address block count list to gain confidence in the Census Bureau's address inventory. If a closer review of the LUCA address list would be beneficial use our online application, the Geographic Update Partnership Software (GUPS Web), to preview LUCA materials. After completing the required confidentiality agreement, protected data will be made available through a secure network environment so participants can practice using GUPS Web.

2. LUCA Particpant Review

LUCA Participant Review. Use this timeframe to review the LUCA address list. This activity starts by reviewing the address block count list. Participants may inform the Census Bureau that their review concluded that address block counts are accurate, or they can proceed with creating a submission that may include adding missing addresses or location information or deleting inaccurate addresses. **Please note the March 31, 2028 deadline for responses is fixed because the Census Bureau needs time to process participant submissions and ensure all eligible addresses are included in the 2030 Census.**

3. Feedback (and Appeals)

Feedback. Participants will have access to updated address block count lists reflecting the results from LUCA submissions and other pre-2030 Census work. Participants with confidentiality agreements in place can receive detailed feedback on how their submissions were incorporated in the Census Bureau's address list. The Office of Management and Budget (OMB) provides and an option to appeal.

4. Closeout

End access to LUCA materials. Final closeout for 2030 LUCA may continue through the end of September 2029. Participants with confidential Title 13 address information must ensure appropriate disposal of those materials.

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2020 LUCA results

Per the 2020 LUCA Operational Assessment Report:

- Over 22 million addresses submitted and processed during 2020 LUCA.
- Over 9.2 million ‘add’ actions accepted.
    - About 6 million records matched to an existing Census Bureau address.
    - About 1.2 million ‘true add’ records enumerated in 2020 Census.
    - About 2 million ‘true add’ records not enumerated in 2020 Census.
- Approximately 0.5 million ‘change’ actions provided updated location information.
- Over 5.4 million ‘change’ actions accepted that led to non-substantial updates to address components.
- Over 1.8 million ‘delete’ actions accepted.
- Over 5.2 million actions (changes or deletes) not accepted or duplicate.

2030 LUCA Review: Coverage-Based and Data-Driven

Our goal is for 2030 LUCA to focus on coverage and use available tools and data to guide the 2030 LUCA address review.

Coverage-Based:

- Determine if the Census Bureau's address list has the right number of addresses.
- Determine if those addresses are in the right location (census block).

Data-Driven:

- Use available tools and data to decide where to focus the 2030 LUCA address review.
- Support the coverage-based approach with data-driven decisions.

Benefits:

- Enable LUCA participants to take a consistent, systematic approach to reviewing their addresses and providing updates.
- Maximize value the LUCA operation will add to the 2030 Census.

Geography Division Partner Portal

U.S. Census Bureau Geography Division Partner Portal

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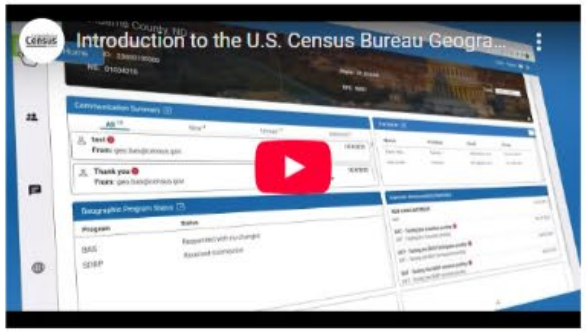
Welcome to the Geography Division Partner Portal!

The Geography Division Partner Portal (GDPP) is the centralized information hub for Geographic Partnership Programs. Within the GDPP, participants will find streamlined access to:

- Census Bureau geographic and statistical data.
- Program invitations.
- Historical participation information.
- Correspondence with Census Bureau geographers.
- Contact information.



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New Updates

Have questions? We're here to help.

Frequently Asked Questions

Have questions? We're here to help.

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GUPS Web – Primary 2030 LUCA Participation Option

Geographic Update Partnership Software (GUPS) Web:

- One-stop shop for LUCA review.
- Geographic software with program-specific tools to support LUCA participation.
- Web-based, easier to access than stand-alone GUPS (some participants needed administrative privileges to download and use GUPS in 2020).
- Simplifies management of Title 13 materials for both the LUCA participant and the Census Bureau. After initial confidentiality agreements, GUPS Web does not allow data to be downloaded and the Census Bureau can manage access with no additional action needed by the LUCA participant.
- Systems and data secure behind the Census Bureau firewall.
- Eligible for use in LUCA Preparation phase.
- Includes integrated quality checks and address matching.

Tools and Data Available Only to LUCA Participants

Address Matching Service

- Matches a LUCA participant's file to the Census Bureau's address list using Census Bureau matching algorithms.
- Provides a combined list of Census and participant addresses that shows addresses that matched and addresses that did not match.
- Allows LUCA participants to focus their address review on the addresses that do not match (and use your resources more efficiently reviewing the unmatched addresses).
- Supports coverage-based, data-driven approach.
- Available to LUCA participants only after they sign Title 13 confidentiality agreement.

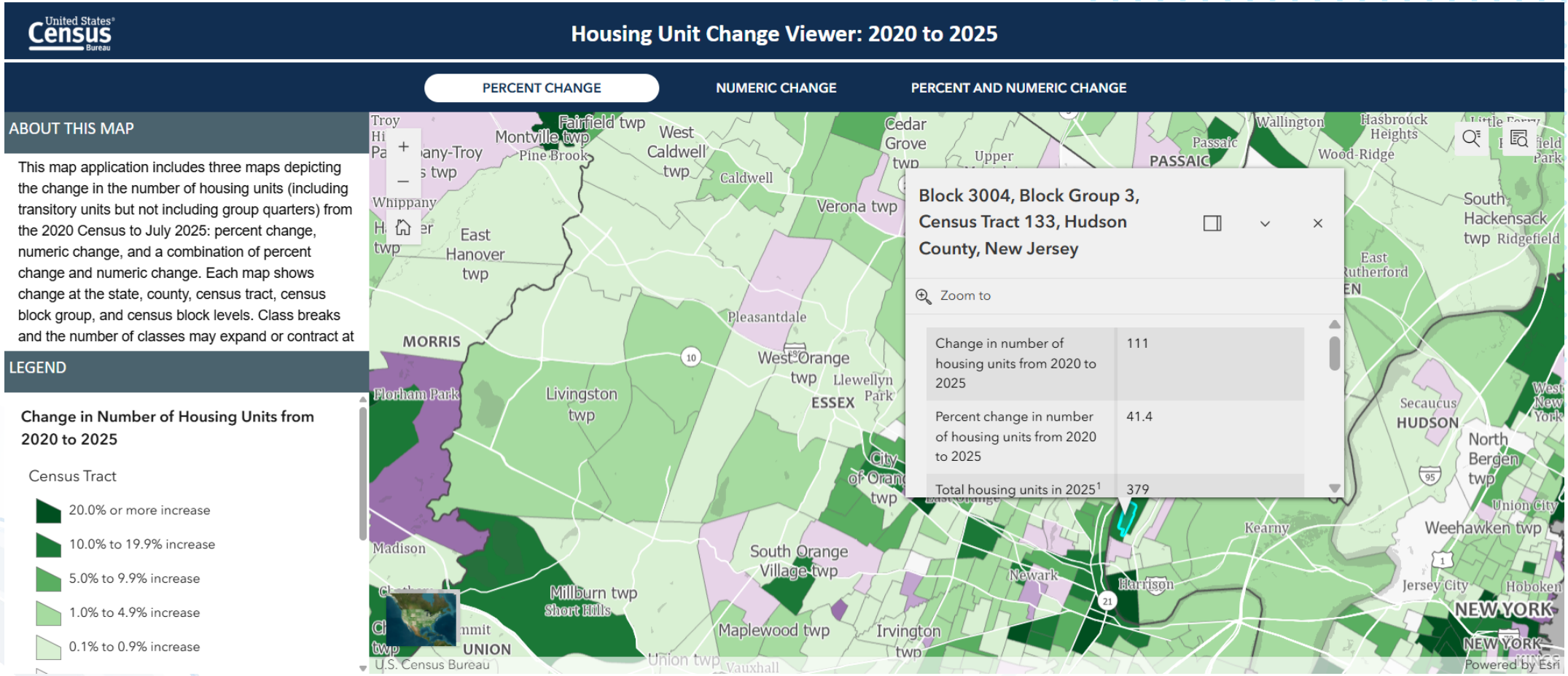
Quality Check Service

- Edits a LUCA participant's address submission data to identify records where potential data corrections might be needed for processing.
- Enables a LUCA participant to correct potential data issues before submitting their address updates to the Census Bureau.
- Supports coverage-based, data-driven approach.

2030 LUCA Website

- **LUCA Website**
  - Provides information and updates on the 2030 LUCA operation.
  - Links to tools that can be used to help determine participant workload.
    - **Housing Unit Change Viewer (2020 to 2025).**
    - **Address Count Listing Files and Viewer (Current & 2020 Census).**
    - **Address Geocoder.**
  - Other materials/Guides.
    - **Participant Address List Template.**
    - **Data Gem(Video)- Tracking Housing Trends with the Housing Change Viewer.**

Example Housing Unit Change Viewer



Preparing for 2030 LUCA

Participation in LUCA is not required, but governments may want to for these reasons:

- Census Bureau estimates that more than $2.8 trillion in federal funding was distributed in FY 2021 to states, communities, tribal governments and other recipients using Census Bureau data in whole or in part. Programs include health care, nutrition, highways, housing, school lunches, childcare and more.
- Use this opportunity to provide input to ensure a complete and accurate address list for your jurisdiction.

What can my government do now to prepare for 2030 LUCA?

- If your government does not have an address list, develop one. Identify local address sources, such as building permits, E-911 address files, local utility records, annexation records, and assessment or taxation files.
- Include location information, such as latitude and longitude.
- Continue to publish your data in the National Address Database (NAD).
- Ensure your jurisdictions are updating parcel data and the data is publicly available.
- Ensure online GIS data resources are up to date.

Preparing for 2030 LUCA

What can my government do now to prepare for 2030 LUCA? (continued)

- Use the tools available online now to review address changes in your community. Review of the address counts is an important step to help determine how much time and resources to devote.
- If address counts meet expectations, the effort to participate in LUCA should be low. If not, consider investing additional resources into participating in 2030 LUCA.
- Only residential living quarters will be included in the frame for Census operations, so care should be taken to exclude other addressed structures, such as libraries, fire hydrants, or businesses.
    - Attention should be given to group quarters, such as dorms and nursing homes; these are considered living quarters but only require the basic street address for the entire facility.
- Learn about resources that may be available to support a LUCA review including if an alternate reviewer is available such as the county, state, state data center, or regional planning agency.

QUESTIONS?

- 2030.LUCA@census.gov

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