



The 2020 Census Geographic Partnership Programs Update



MidAmerica GIS Consortium

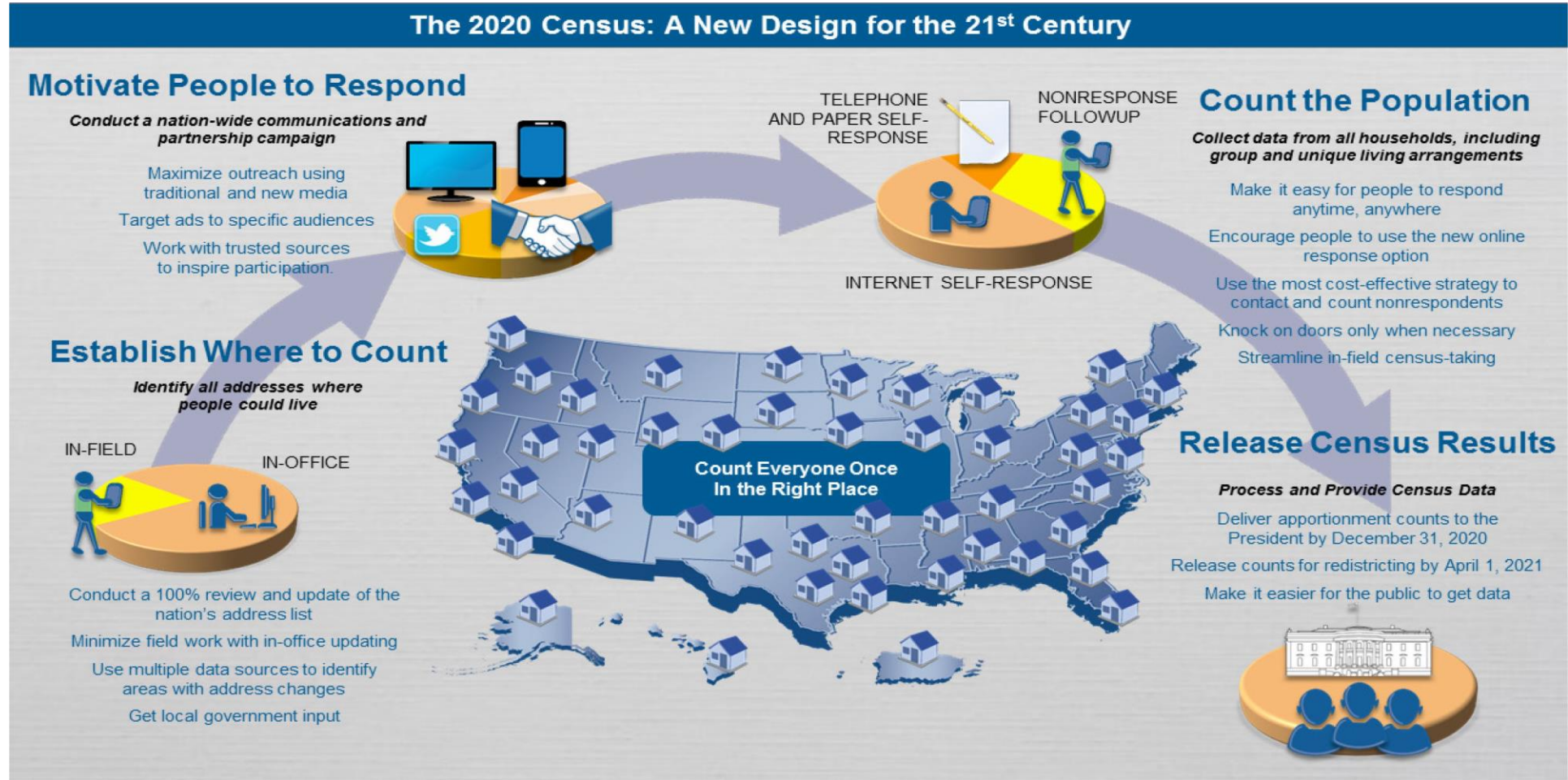
Clearinghouse Summit

August 23, 2017

Gail A. Krmeneč, Asst. Regional Census Manager

The 2020 Census

Count Everyone, Only Once, in the Right Place



2020 Operational Schedule

Key Operational Milestones



Date	Activity
April 2018	Regional Census Center Opens (Chicago, IL)
January 2019	Open Area Census Offices (Field Offices)
2019	Complete Count Committees Active
August 2019	Begin In-Field Address Canvassing
February 2020	Group Quarters Operations Begin
End of March 2020	Self-Response
End of March-July 2020	Field Enumeration (in Selected Areas)
April 1, 2020	2020 Census Day!
Late April-August 2020	Conduct Nonresponse Follow-Up (NRFU)
August 2020	Complete NRFU
December 31, 2020	Deliver Apportionment Counts to President
March 31, 2021	Deliver Redistricting Counts to States

2020 Census Redistricting Data Program

Phase 1: Block Boundary Suggestion Project (BBSP)

Activity	Date
Initial Delineation	December 2015 – May 2016
Verification	December 2016 – May 2017

Activities

States can influence the 2020 tabulation blocks

- Must Hold/Do Not Hold
- Missing Features
- Misaligned Features

Update Area Landmark (state parks, prisons, etc.) boundaries

Block size review - [NEW for 2020](#)

Suggest updates to legal boundaries – [NEW for 2020](#)

2020 Census Redistricting Data Program

Phase 2: Voting District Project (VTDP)

Activity	Date
Federal Register Notice announcing Phase 2	June 28, 2017
Initial Delineation	December 2017 – May 2018
Verification I	December 2018 – May 2019
Verification II*	December 2019 - May 2020
* Added a short 2nd round of verification for those states who participate in both Initial Delineation and the first round of Verification	

Activities

States provide their Election Districts/Precincts/Wards

States can influence the 2020 tabulation blocks

- Missing Features
- Misaligned Features

Update Area Landmark (state parks, prisons, etc.) boundaries

Suggest updates to legal boundaries – **NEW for 2020**

VTD Submission is voluntary. If Census doesn't receive VTDs, we can't tabulate data for VTDs in 2020 data.

2020 Census Redistricting Data Program

Phase 3: Data Delivery

Activity	Date
Prototype geographic support products	January 2019 - February 2019
Prototype P.L. 94-171 Redistricting Data	March 2019
Geographic support products	November 2020 – February 2021
P.L. 94-171 Redistricting Data	February 2021 – March 31, 2021

Geographic Support Products

- Shapefiles
- Maps (PDF only)
- Block Assignment Files
- Block to Block Relationship Files – [NEW \(timing\) for 2020: produced by 4/1/2021](#)

P.L. 94-171 Redistricting Data File

- Race and Race for the Population 18 Years and Over
- Hispanic or Latino, and not Hispanic or Latino by Race and Hispanic or Latino, and not Hispanic or Latino by Race for the Population 18 Years and Over
- Occupancy Status (Housing)
- Group Quarters - [New for 2020 \(dependent on residence criteria decision\)](#)



Local Update of Census Addresses

LUCA Schedule

A once-a-decade-opportunity for eligible governments to review the address list that for conducting the Decennial Census for their jurisdiction

Date	Activity
✓ January 2017	Advance Notice mailed to HEOs and other governmental unit contacts Housing unit counts by block available for governments
✓ March 1	Deadline for BAS response (1 st Deadline)
✓ March-December 2017	LUCA Promotional Workshops
✓ July 2017	LUCA Invitation and Registration Materials mailed to HEOs
October 2017	LUCA Technical Workshops begin
December 15 2017	Deadline for LUCA Registration
February-April 2018	Participants review and update the Census Bureau's address list (120 day review period from receipt of materials)
August-September 2019	Census Bureau delivers LUCA participant feedback
April 1, 2020	2020 Census Day



Local Update of Census Addresses LUCA Webpage

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

United States[™] Census Bureau

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Geography

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Partnerships

- Partnerships Main Page
- American Indian and Alaska Native Programs
- Boundary and Annexation Survey
- Federal Register Notices
- School District Review Program
- Local Update of Census Addresses Operation**
- 2010 Participant Programs
- 2000 Participant Programs

2020 Census Local Update of Census Addresses Operation (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. The [Census Address List Improvement Act of 1994 \(Public Law 103-430\)](#) authorizes the LUCA.

The LUCA invitation letter and forms were recently mailed to the Highest Elected Officials (HEOs) and Tribal Chairpersons (TCs). See the [Registration section](#) below for the details.

Who Can Participate?

Active, functioning governments are eligible to participate in LUCA for areas including:

- Federally recognized tribes with a reservation or off-reservation trust lands;
- States;
- Counties;
- Cities (incorporated place); and
- Townships (minor civil divisions).

If your government lacks the resources to participate in LUCA, you can arrange for a higher level of government, such as county, or an organization, such as regional planning agency or council of governments, to conduct your review.

Why Participate?

- Governments that participate in the LUCA operation help ensure an accurate decennial census count for their communities.
- An accurate count helps the federal government annually allocate more than \$400 billion across 26 federal agencies for tribal, state, and local government programs and services.
- To help your community plan for future needs.

What's New!

- Pre-2020 LUCA activities provide more opportunities to submit address information and receive feedback through the continuous Geographic Support System (GSS) Program;
- Streamlined participation through the Full Address List Review;
- The Census Bureau's digital address list is available in a new, convenient standard software format;
- Availability of the Census Bureau Geographic Update Partnership Software (GUPS), a self-contained Geographic Information System (GIS) tool;
- Access to comprehensive data that includes residential structure latitude/longitude coordinates and ungeocoded census residential addresses; and
- Digital participants may submit residential structure coordinates as part of their address updates.

What is the LUCA Schedule?



Local Update of Census Addresses

LUCA Webpage

Registration

- The Census Bureau mailed [LUCA invitations and forms](#) [ZIP] to the TC or HEO for every legally functioning entity in the United States and Puerto Rico. We also mailed a copy of the invitation letter without forms to contacts who have participated in other geographic programs.

We mailed the following items to the TC/HEO:

- Cover sheet for mailing purposes
- D-2060 or D-2061 - Invitation letter
- D-2002 - Registration Form
- D-2003 or D-2003(SG) - Product Preference Form
- D-2005 - Confidentiality Agreement
- D-2006 - Self Assessment Security Checklist
- D-2013 - Registration Instructions
- D-2004 - Confidentiality and Security Guidelines
- D-2101 - 2020 Census Local Update of Census Addresses Operation (LUCA) Information Guide

To register for LUCA, TCs/HEOs should return completed forms (D-2002, D-2003/D-2003(SG), D-2005, and D-2006) to the Census Bureau by December 15, 2017.

The following items were mailed to those contacts who have participated in other geographic programs. The purpose of this mailing is to notify contacts that we have mailed the registration information to their TC/HEO. Contacts should contact their TC/HEO to discuss participation in the LUCA Operation.

- Cover sheet for mailing purposes
- Invitation letter
- To see which governments have registered for LUCA, view the [Registered LUCA Participants](#) map.

Workshops and Training

LUCA Promotional Workshops

Current Schedule of LUCA Promotional Workshops [\[XLS\]](#) | [\[PDF\]](#)

We will update this list weekly. For questions regarding the promotional workshops, call 1-844-344-0169, or email us at geo_2020_luca@census.gov.

If you are unable to attend a LUCA promotional workshop, you can view the [LUCA promotional webinar presented to the Kentucky Association of Mapping Professionals on April 27, 2017](#)

To determine the regional office for your state, view the [Census Bureau Regional Office Map](#) [PDF].

LUCA Promotional Presentation

The [2020 Census LUCA Promotional Presentation](#) [PDF] and the accompanying [2020 LUCA Promotional Presentation Script](#) [PDF] provide basic information about LUCA, the importance of participating in LUCA, and how to prepare for LUCA.

How Can I Review The Address Block Counts for My Entity?

The 2020 Census LUCA Address Block Count files are available for download from our FTP site. Please select American Indian Areas, a state, the District of Columbia or Puerto Rico from the menu below. For the states, DC and PR, after you select your state click on the folder of your entity type (county, place, or mcd for Minor Civil Divisions) or use the Address Block Count List Locator file to determine which folder your entity's Address Block Count file is stored in. More information about [opening and saving as a Microsoft Excel file](#) [PDF]

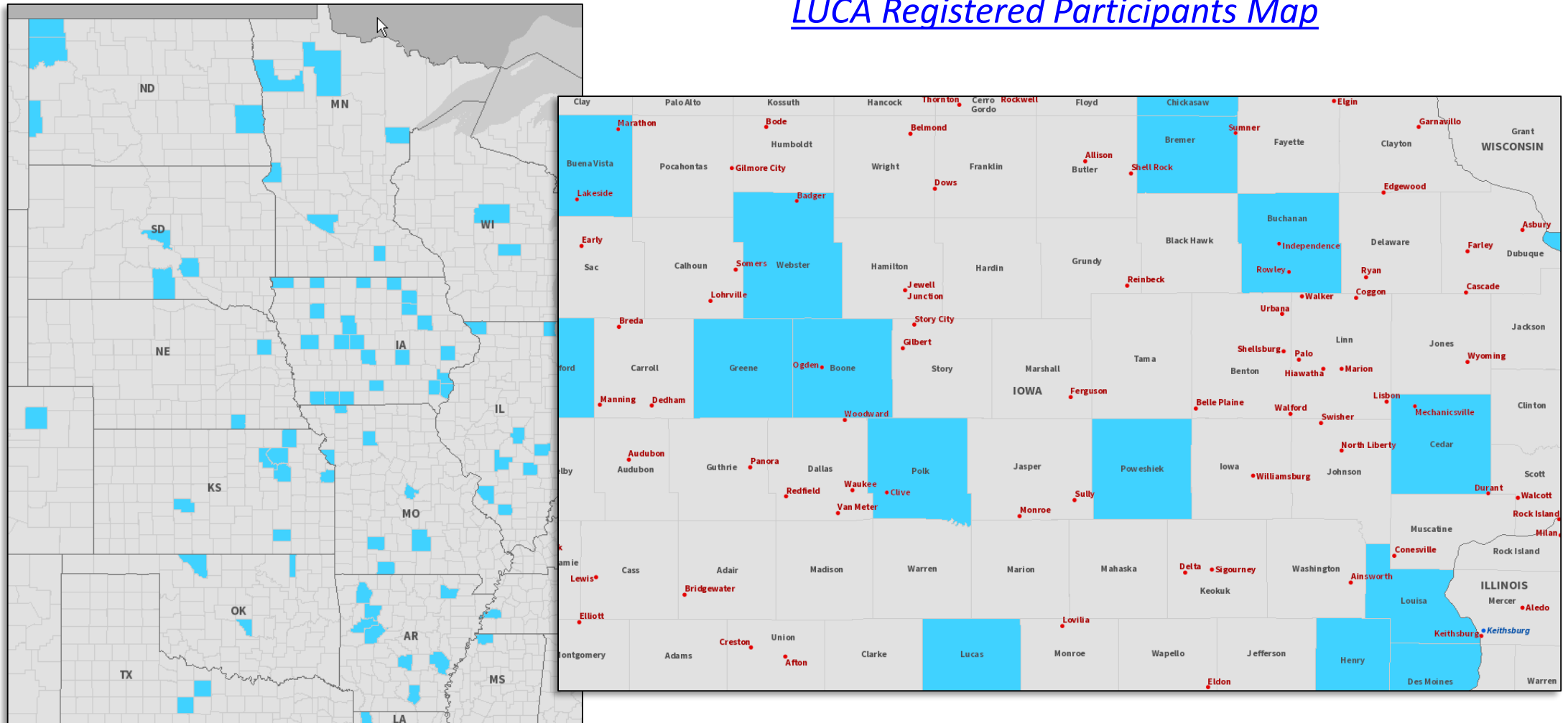
Select AIA or a State



Local Update of Census Addresses LUCA

Registered Participants

[LUCA Registered Participants Map](#)





Local Update of Census Addresses LUCA

Address Block Counts by Entity

```
State|County|Tract|BLOCK|BLOCK_GEOID|Total Residential|Total Group Quarters
17|099|9621.00|2051|170999621002051|2|0
17|099|9621.00|2052|170999621002052|1|0
17|099|9621.00|2055|170999621002055|1|0
17|099|9621.00|2077|170999621002077|0|0
17|099|9621.00|2080|170999621002080|0|0
17|099|9621.00|2095|170999621002095|2|0
17|099|9621.00|2097|170999621002097|2|0
17|099|9621.00|2098|170999621002098|2|0
17|099|9621.00|2100|170999621002100|0|0
17|099|9621.00|2102|170999621002102|1|0
17|099|9621.00|2103|170999621002103|0|0
17|099|9621.00|2104|170999621002104|0|0
17|099|9621.00|2108|170999621002108|0|0
17|099|9621.00|2109|170999621002109|0|0
17|099|9621.00|2110|170999621002110|0|0
17|099|9621.00|2111|170999621002111|0|0
```

```
17|099|9633.00|3025|170999633003025|12|0
17|099|9633.00|3026|170999633003026|12|0
17|099|9633.00|3027|170999633003027|5|0
17|099|9633.00|3028|170999633003028|3|0
17|099|9633.00|3029|170999633003029|3|0
17|099|9633.00|3030|170999633003030|0|0
17|099|9633.00|3031|170999633003031|0|0
17|099|9633.00|3032|170999633003032|0|0
17|099|9633.00|3033|170999633003033|0|0
17|099|9633.00|3034|170999633003034|0|0
17|099|9633.00|3035|170999633003035|3|0
17|099|9633.00|3036|170999633003036|0|0
|||Unable to Geocode|0|0
|||TOTAL|4671|7
```



Census Geocoder (up to 10,000 records) or SWIM (data sets over 10,000 addresses)

- To see which governments have registered for LUCA, view the [Registered LUCA Participants](#) map.

Workshops and Training

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Select AIA or a State

To view your Address Block Counts on a map, download the **block** layer [2016 TIGER/Line shapefiles](#) for your state and follow the instructions for [Joining Census Data to TIGER/Line Shapefiles](#) [\[PDF\]](#). We also have [detailed instructions](#) on downloading and working with TIGER/Line Shapefiles.

Geocoding Your Address List

To help your government prepare for LUCA, we suggest governments obtain Census geocodes for their addresses. This will allow governments to compare their address counts by block to the Census Bureau's address counts by block, which are available in the drop-down menu above. To geocode your address list, governments with fewer than 10,000 addresses can use the [Census Geocoder](#), and governments with over 10,000 addresses can use the LUCA Geocoding Service. To use the LUCA Geocoding Service follow the [Instructions for the LUCA Geocoding Service](#) [\[PDF\]](#).

Where Can I Find More Information?

- [2020 Census LUCA Frequently Asked Questions \(FAQs\)](#) [\[PDF\]](#)
- [2020 Census LUCA Flyer](#) [\[PDF\]](#)
- [2020 Census LUCA Flyer for Puerto Rico](#) [\[PDF\]](#)
- [2020 Census LUCA Information Guide](#) [\[PDF\]](#)
- [Stateside Electronic Address List Layout and Legal Values for the 2020 Census LUCA](#) [\[PDF\]](#)
- [2020 Census LUCA Sample Map](#) [\[PDF\]](#)
- [2020 Census Detailed LUCA Operational Plan](#)
- [2010 Census LUCA Program - Looking Back](#) [\[PDF\]](#)

Keep checking back for more information on LUCA!



SWIM (data sets over 10,000 addresses)

<https://respond.census.gov/swim/>

Secure Web Incoming Module

Please Login

Welcome to the Census Bureau's Secure Web Incoming Module (SWIM). The SWIM is the official web portal for uploading partnership materials to the Census Bureau.

Please note: sessions will expire after 15 minutes of inactivity.

Email:

Password:

[Forgot your password?](#)

SWIM - Secure Web Incoming Module

Logged in as *Gail Krmeneč*, [Logout](#) [Help](#)

What Census program are you reporting data for?

Select the geographic program that you currently wish to submit data for the Census Bureau to review. This selection affects only your current upload. You may select a different option for future uploads. If you are unsure what program to select send an email to geo.swim@census.gov for more guidance.

- Geographic Support System Initiative (GSS-I)
- Boundary Annexation Survey (BAS)
- School District Review Program (SDRP)
- Boundary Quality Assessment and Reconciliation Project (BQARP)
- Federal Agency Updates (FDU)
- Redistricting Data Program - BBSP-VTD (RDP)
- Redistricting Data Program - CD-SLD (RDP)
- Local Update of Census Addresses (LUCA) ←
- Participant Statistical Areas Program (PSAP)



LUCA GUPS

Geographic Update Partnership Software

QGIS 2.8.3-Wien - PL2430900 - GUPS *** Disclosure Prohibited by Title 13 U.S.C. ***

Project Edit View Layer Settings Vector Raster Processing Help GUPS

No Title 13 Data Displayed

Address Count List

Move Selection to top

	STATE	COUNTY	TRACT	BLOCK	GEOID
17	24	001	0016.00	1012	2400100160010
25	24	001	0016.00	1014	2400100160010
53	24	001	0016.00	1019	2400100160010
47	24	001	0016.00	1020	2400100160010
40	24	001	0016.00	1049	2400100160010
50	24	001	0016.00	1050	2400100160010
273	24	001	0016.00	1051	2400100160010
10	24	001	0016.00	1052	2400100160010
212	24	001	0016.00	1053	2400100160010
151	24	001	0016.00	1054	2400100160010
176	24	001	0016.00	1055	2400100160010
76	24	001	0016.00	1057	2400100160010
202	24	001	0016.00	1058	2400100160010
171	24	001	0016.00	1059	2400100160010
51	24	001	0016.00	1060	2400100160010
56	24	001	0016.00	1061	2400100160010
268	24	001	0016.00	1064	2400100160010
93	24	001	0016.00	1067	2400100160010
250	24	001	0016.00	1069	2400100160010
108	24	001	0016.00	1070	2400100160010
179	24	001	0016.00	1071	2400100160010
31	24	001	0016.00	1072	2400100160010
218	24	001	0016.00	1073	2400100160010
72	24	001	0016.00	1075	2400100160010

Census Address List

Add Import Deselect All Features Move Selection to top

GEOID Edit Copy Out of Jurisdiction Non-Residential Delete

	MAFID	Action	ST	COU	Tract	Block	GEOID	GQ	House #	Street Name	Apt/L
2504	000000001		24	001	0018.00	1055	240010018001055			Gold Fish HWY	
2505	000000002		24	001	0018.00	1055	240010018001055			Nemo HWY	
2506	000000003		24	001	0018.00	1055	240010018001055			HotdogBEER LANE	
2507	000000004		24	001	0018.00	1055	240010018001055			Gold Fish LANE	

Show All Features Clear Edits Save Edits

Census Address List User Address List

Coordinate: -78.8892,39.6369 Scale: 1:33,456



LUCA GUPS

Geographic Update Partnership Software

LUCA GUPS Demo available at

<https://census.webex.com/census/lsr.php?RCID=805ef5d40bb6617ce189d6d10a18ab25>

~ 30 minutes, overview



Local Update of Census Addresses Technical Workshops

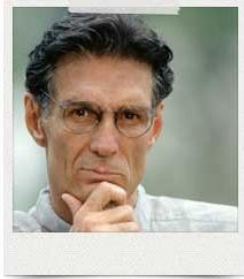
- Start October 2017
- What role does your state want to play?
- Provide the training?
- Conduct in-person workshops?
- Provide space?
- Advertise/distribute webinar invitations?



Local Update of Census Addresses

<http://www.census.indiana.edu/>

United States Census 2020 **Indiana**



Home

Why the Census Matters

2020 Operational Plan

Local Update of Census Addresses (LUCA)

Research & Testing

Response Rates

In the News

Counting Down to Census Day: April 1, 2020

This site is for Hoosiers by Hoosiers to provide timely information on Census 2020.

An accurate census count is vital to obtain federal funding for:



Economic Development



Public Health



Education



Political Power



Housing



Research

Time to start thinking about the address list

The Local Update of Census Addresses (LUCA) program is the only opportunity offered to local governments to review and comment on the Census Bureau's residential address list. [View promotional workshop information »](#)

What can Hoosiers do to ensure everyone living in Indiana is counted?

In the news

- Here's Why The Census Started Counting Latinos, And How That Could Change In 2020 (WFDD 88.5)
08/03/2017
- Save the Census (New York Times)
07/17/2017
- GSA helping Census Bureau lease spaces so it can count faces (Federal Times)
07/17/2017

[-more-](#)




Local Update of Census Addresses

<http://www.census.indiana.edu/>

Response Rates


In the News

Why LUCA matters




Accurate population counts

Because LUCA underlies the distribution of the Census forms and fieldworker follow-up on non-responding households, it matters for all of the same reasons the Census matters. Undercounting the population in your community can have damaging impacts on your jurisdiction for an entire decade.




Accurate boundaries

Many Indiana cities and towns have grown through annexation within the past decade. Is your jurisdiction one of them? A fair number of those have updated their boundaries through the annual Boundary and Annexation Survey, but some have not. LUCA will be your best opportunity to make sure the Census Bureau has an accurate geographic boundary for your jurisdiction prior the Census. If they don't, the bureau will not be able to compile accurate data for your community once data from Census 2020 start pouring in (well, you can request retabulations, but it isn't easy and it's not free).



It's your only chance

This is your one opportunity to make sure all housing units in your community are accounted for. You cannot go to the Census Bureau after Census 2020 and tell them they missed a housing unit, an apartment complex or a group quarters. Even if you can prove people were missed, if the housing unit in question was not on the master address file prior to enumeration, you are out of luck.



Accurate roads

Despite the moaning over high gas prices, Hoosiers still love to drive and the past 10 years have seen many new roads constructed. LUCA enables local governments to update the street file. Many companies and organizations around the country use the shapefiles developed by the Census Bureau in their own GIS systems, so there is more at stake than just making sure the Census Bureau knows where your roads are. Between censuses, very few additions to the road files are made, so it is in your best interest to make sure these files are accurate now. Otherwise, you'll have to deal with outdated data for an entire decade.

Promotional workshops

A 40-minute presentation will introduce and explain the LUCA program, define participation methods and give a brief overview of the LUCA operation. A question and answer period will follow. You must select a session and register online to attend. You only need to select one workshop. If registration is full, please select an alternate session. All times listed are central time zone.

- May 16 – 2:00pm
- May 17 – 2:00pm
- May 18 – 2:00pm
- May 23 – 10:00am
- May 23 – 2:00pm
- May 24 – 10:00am
- May 24 – 2:00pm
- May 25 – 9:30am
- May 25 – 2:00pm



Local Update of Census Addresses

What does your state plan to do?

- LUCA for entire state?
- Only areas of non-participants?
- Review Group Quarters? (FSCPEs may be of help?)
- Ungeocoded addresses (by county)?
- Provide data and/or technical support for participants?



Participant Statistical Areas Program

PSAP

Opportunity for invited participants, including American Indian tribes, to review and update Census Tracts, Block Groups, and Census Designated Places (CDPs) in advance of 2020 Census Data tabulation and publication.

2020 PSAP now includes the former Tribal Statistical Areas Program (TSAP)

No changes planned to criteria for any of the statistical areas

How to Participate?

Census Bureau invites former 2010 PSAP participants and solicits new partners where there were no 2010 participants for a geographic area.



Participant Statistical Areas Program

Geographic Entity Types

Standard Areas

- Census tracts
- Block Groups
- Census Designated Places (CDPs)
- Census County Divisions (CCDs)

Tribal Areas

- Tribal Tracts
- Tribal Block Groups
- Tribal Subdivision
- Oklahoma Tribal Statistical Areas (OTSA)
- Tribal Designated Statistical Areas (TDSA)
- State American Indian Reservations
- State Designated Tribal Statistical Areas (SDTSA)
- Alaska Native Village Statistical Areas (ANVSA)



Participant Statistical Areas Program

PSAP

Program Implementation

- Census Bureau will create a 2020 PSAP “Plan” for review and update by participants. *(new for 2020)*
- Phases: Delineation/Review (120 days)
Verification (120 days)
- Includes both standard statistical areas and tribal statistical areas (formerly referred to as TSAP, now one program under PSAP)



Participant Statistical Areas Program

PSAP

Schedule

Date	Activity
August 14, 2017	Proposed Criteria published in Federal Register for comment: due 10/13/2017
March – May 2018	Contact potential participants (former 2010 partners)
Dec 2018 – July 2019	PSAP delineation/review
Late 2019	PSAP Verification

Participation Options



GUPS (Geographic Update Partnership Software)



Paper Map Option for Tribal Participants

Questions?

Gail A. Krmeneč
Asst. Regional Census Manager
gail.a.krmeneč@census.gov
(630) 288-9258

Resources

2020 Information: <http://www.census.gov/2020census>

Decennial Census Job Vacancies (Regional, selected positions):

<http://www.census.gov/regions/chicago/www/jobs/>

Decennial Census Job Vacancies (National, Regional, Selected Positions)

USAJOBS <https://www.usajobs.gov/>