



2020 Census Overview Briefing and Local Update of Census Addresses (LUCA)

Maryland State Data Center
Affiliates Meeting
September 27, 2017
Baltimore MD

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

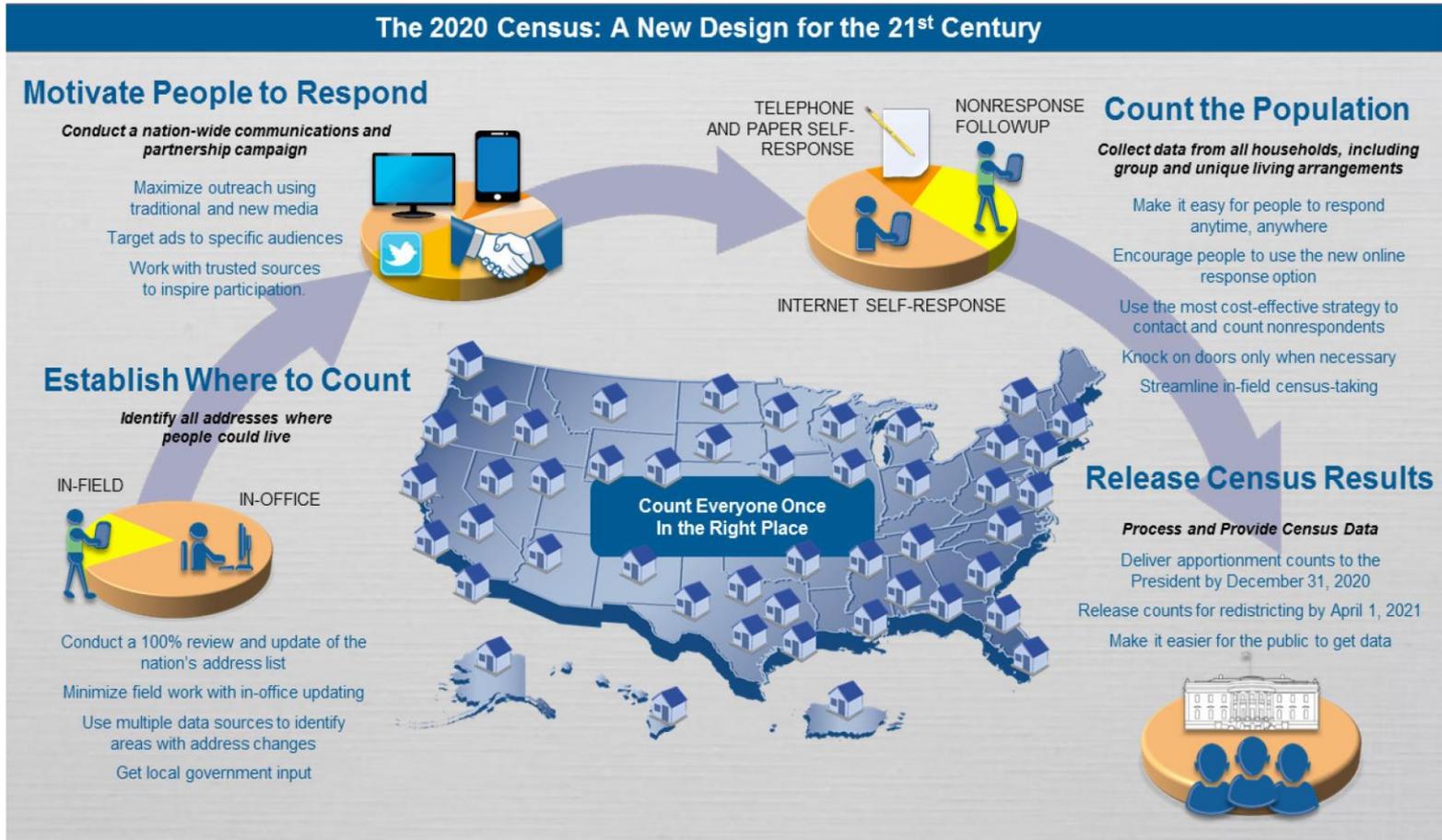
- Uses of Census data:
 - **Apportioning** representation among states as mandated by Article 1, Section 2 of the US Constitution
 - **Drawing** congressional and state legislative districts, school districts and voting precincts
 - **Enforcing** voting rights and civil rights legislation
 - **Distributing** 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

Programs Using Census Data

- [Medical Assistance Program \(Medicaid\)](#)
- [Supplemental Nutrition Assistance Program \(SNAP\)](#)
- [Medicare Part B \(Supplemental Medical Insurance\) – Physicians Fee Schedule Services](#)
- [Highway Planning and Construction](#)
- [Section 8 Housing Choice Vouchers](#)
- [Title I Grants to Local Education Agencies](#)
- [National School Lunch Program](#)
- [Special Education Grants \(IDEA\)](#)
- [State Children's Health Insurance Program \(S-CHIP\)](#)
- [Section 8 Housing Assistance Payments Program \(Project-based\)](#)
- [Head Start/Early Head Start](#)
- [Supplemental Nutrition Program for Women, Infants, and Children \(WIC\)](#)
- [Foster Care \(Title IV-E\)](#)
- [Health Center Programs \(Community, Migrant, Homeless, Public Housing\)](#)
- [Low Income Home Energy Assistance \(LIHEAP\)](#)
- [Child Care and Development Fund – Entitlement](#)

The 2020 Census

Count Everyone, Only Once, in the Right Place



2020 Census and Local Governments

- **What Local Officials Need To Do**
 1. Addresses (Participate in the Local Update of Census Address Program)
 2. Outreach – Educate and Motivate Residents to Participate in the Census (Form a local Complete Count Committee)

■

Community Partnership and Engagement Program

Partnership Methods

- Complete Count Committees
- Tribal Government Liaison Program
- Targeted Outreach to Hard-to-Count populations
- Language Support Program
- Faith Based Organizations
- Statistics in Schools
- Social Media Outreach

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Community Partnership and Engagement Program

Complete Count Commission

HIGHEST LEVEL PARTNERSHIP

Develop partnerships at the highest levels within each state

State Complete Count Commission may be codified and grounded in law, if desired

PURPOSE

- Act as 2020 Decennial Champion for the State by providing leadership and support for 2020 Census
- Provide “trusted voices” to act as Census Ambassadors
- Provide authoritative and knowledgeable contact point to meet goal of timely, accurate and cost-effective Census count

GOALS AND OBJECTIVES

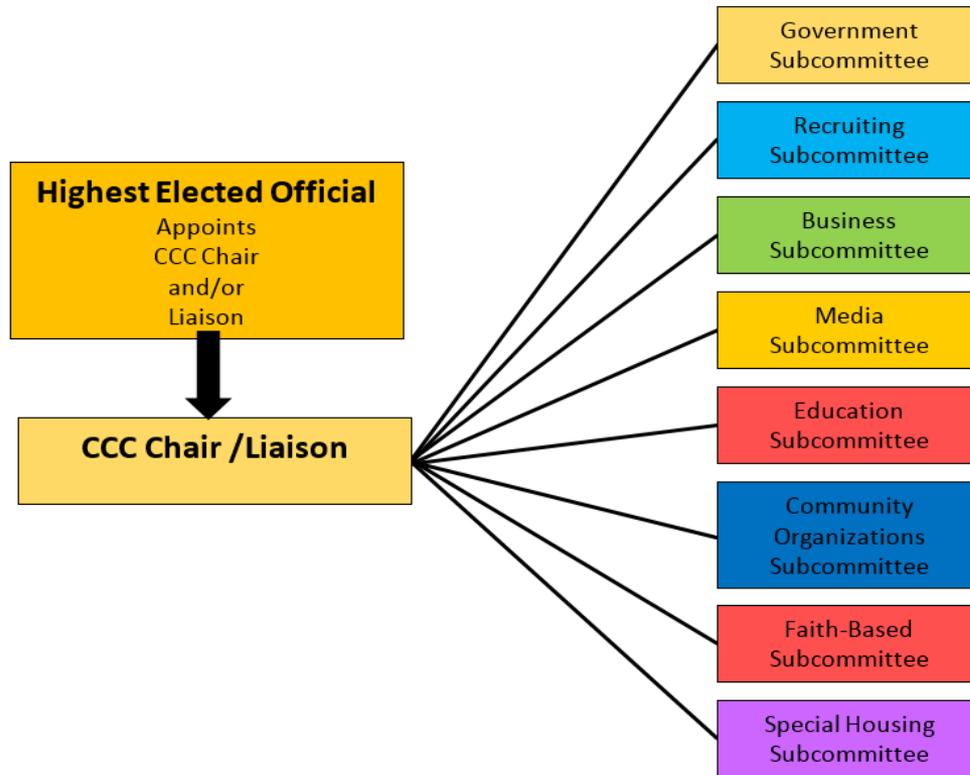
- Monitor Census participation to target outreach efforts and support
- Focus attention on low response rate areas
- Marshall financial and staffing resources to support Complete Count Commission goals
- Promote the formation of Complete Count Committees at the county and municipal levels, with support from the Census Bureau

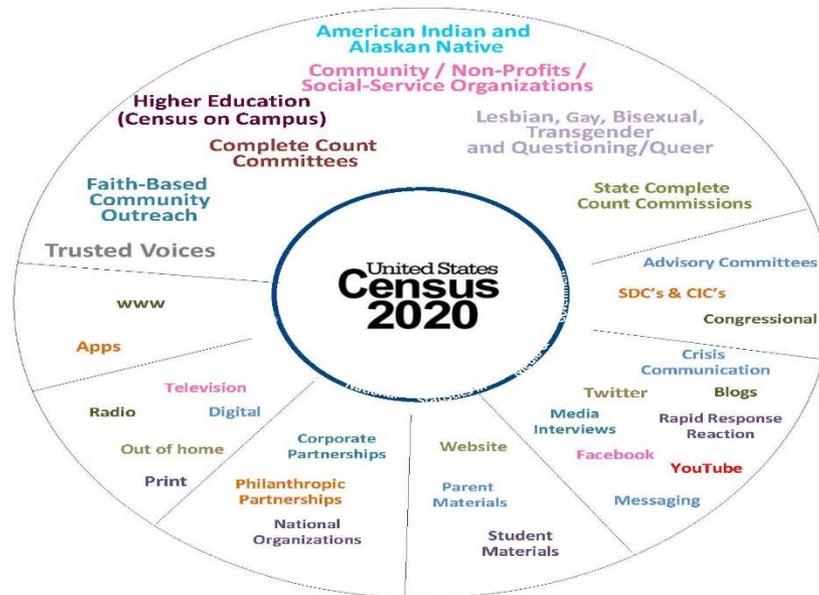
Community Partnership and Engagement Program

Complete Count Committees

- Educate and Motivate Residents to Respond
- Tell Your Census Story (Local Uses of Census Data)
- What's In It For Me?
 - Medical, playgrounds, senior centers, food stores, etc.

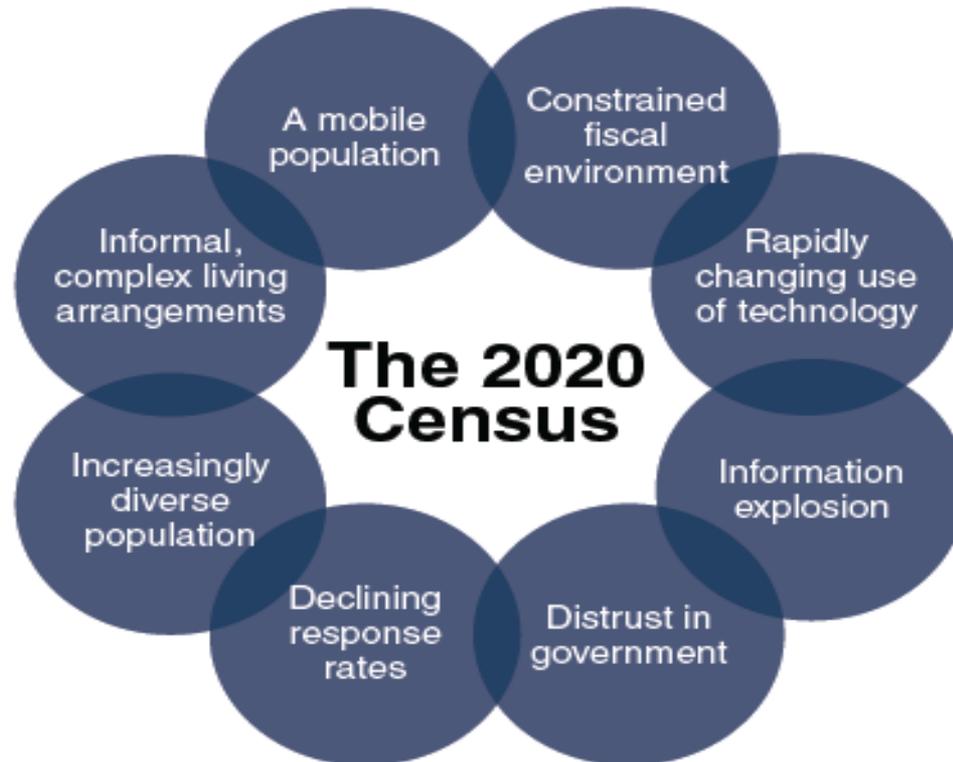
Complete Count Committee





Increase Self Response

2020 Census Environment



2020 Census Partnerships

What to do next

- Encourage Local Governments to participate in LUCA
- Join Complete Count Committee
- Participate in the Statistical Areas Review (PSAP)
- Encourage use of Statistics in Schools
- Promote job opportunities

Census 2020

Questions?



2020 Census Local Update of Census Addresses Operation (LUCA)

LUCA Background

- Authorized by the Census Address List Improvement Act of 1994 (Public Law 103-430)
- Implemented in the support of the 2000 Census and refined to support the 2010 Census
- 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

Confidentiality and Security

Information provided to/from LUCA is covered under Title 13 of the United States Code which:

- Requires the Census Bureau to ensure confidential treatment of census-related information, including individual addresses and map structure points
- Requires all liaisons, reviewers, and anyone with access to Title 13 materials abide by Confidentiality and Security Guidelines
- Requires the Census Bureau maintain the confidentiality of all information it collects

What's New for 2020 LUCA

- **Offers** streamlined participation – Full Address List Review
- **Provides** the digital address list in convenient standard software formats
- **Includes** 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

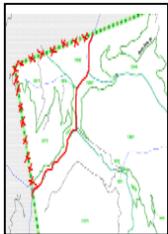
Preparation - 2020 LUCA Schedule

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

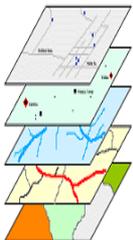
Preparation - Participation Methods



Geographic Update Partnership Software (GUPS)



Paper Format - Address List and Maps



Digital Format - Address List and Maps

GUPS – Participation Method

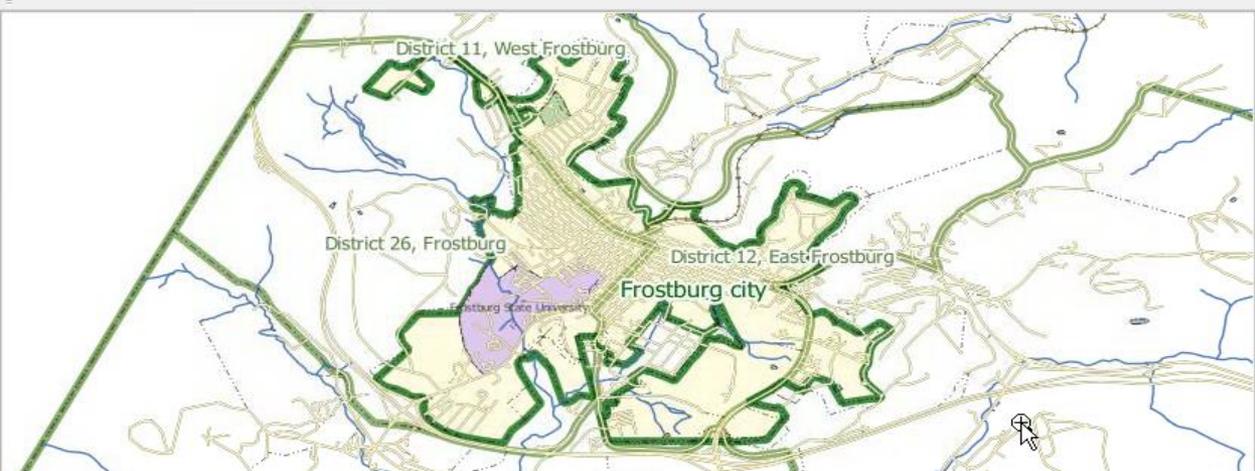
- Customized Geographic Information System (GIS) software for participation in 2020 LUCA
- Pre-packaged to include all components
- Designed for participants with no GIS experience
- Allows for simple to complicated reviews and edits
- Programmed with a review tool to validate LUCA edits
- No internet connection required

GUPS screen example (Main screen)

****No Title 13 Data Displayed****

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



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

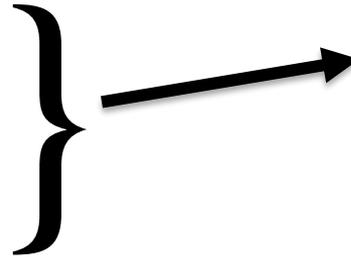
Preparation – Address List Formats

- Paper
 - Available to governments with 6,000 or fewer addresses
 - Legal size (8.5” x 14”) - SIX addresses per page
 - Two sorts:
 - Street Name/House Number
 - Census Tract/Census Block/Street Name/House Number
 - Separate ‘Add Page’ - FOUR addresses per page
- Digital
 - Available to all governments
 - Excel (.xlsx) or Comma Delimited Text (.csv) format
 - No separate ‘Add Page’

Address List Structure

LUCA 2010 – 26 Fields

Entity ID
Line #
MAFID
Action
State
County
Tract
Block
GQ Flag
House Number
Street Name Prefix Qualifier
Street Name Prefix Direction
Street Name Prefix Type
Street Name
Street Name Suffix Type
Street Name Suffix Direction
Street Name Suffix Qualifier
Location Description or GQ Name
Apartment/Unit Number
ZIP Code
Non-city style Mailing Address
Non-city style ZIP Code
Structure Point
Latitude
Longitude
City-Style Flag



LUCA 2020 – 24 Fields

Line #
MAFID
Action
Entity ID
State
County
Tract
Block
GEO ID
GQ Flag
House Number
Street Name
Apartment/Unit #
ZIP Code
GQ Name
Facility Name
Location Description
Non-city style Mailing Address
Non-city style ZIP Code
Mapspot ID
Address Use
Latitude
Longitude
City-Style Flag

Paper – Address List Add Page

Form D-2008
(XX-XX-XXXX)
OMB Control No. 0607-0994

U.S. DEPARTMENT OF COMMERCE
ECONOMICS AND STATISTICS ADMINISTRATION
U.S. CENSUS BUREAU

ADDRESS LIST ADD PAGE 2020 LOCAL UPDATE OF CENSUS ADDRESSES OPERATION (LUCA)

PAGE _____ OF _____ PAGES

Name of Preparer: _____
(Print Name)

Date Completed: _____
(MM/DD/YYYY)

Add Page For: _____
(Entity Name)

Entity ID Code: _____
(Copy from Address List Page)

1 Line #	2 Census Geographic Location of Address				3 Enter "Y" if this is a Group Quarters	4 Residential Address			5 Unique Map Spot Number	6 Address Use, if known M=Mailing L=Location B=Both	
	(2a) State Code Number	(2b) County Code Number	(2c) Census Tract Number	(2d) Census Block Number		(4a) Complete Address Number	(4b) Complete Street Name	(4c) Group Quarters Name			(4d) Facility Name

Example

DISCLOSURE PROHIBITED BY TITLE 13, U.S.C.



U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

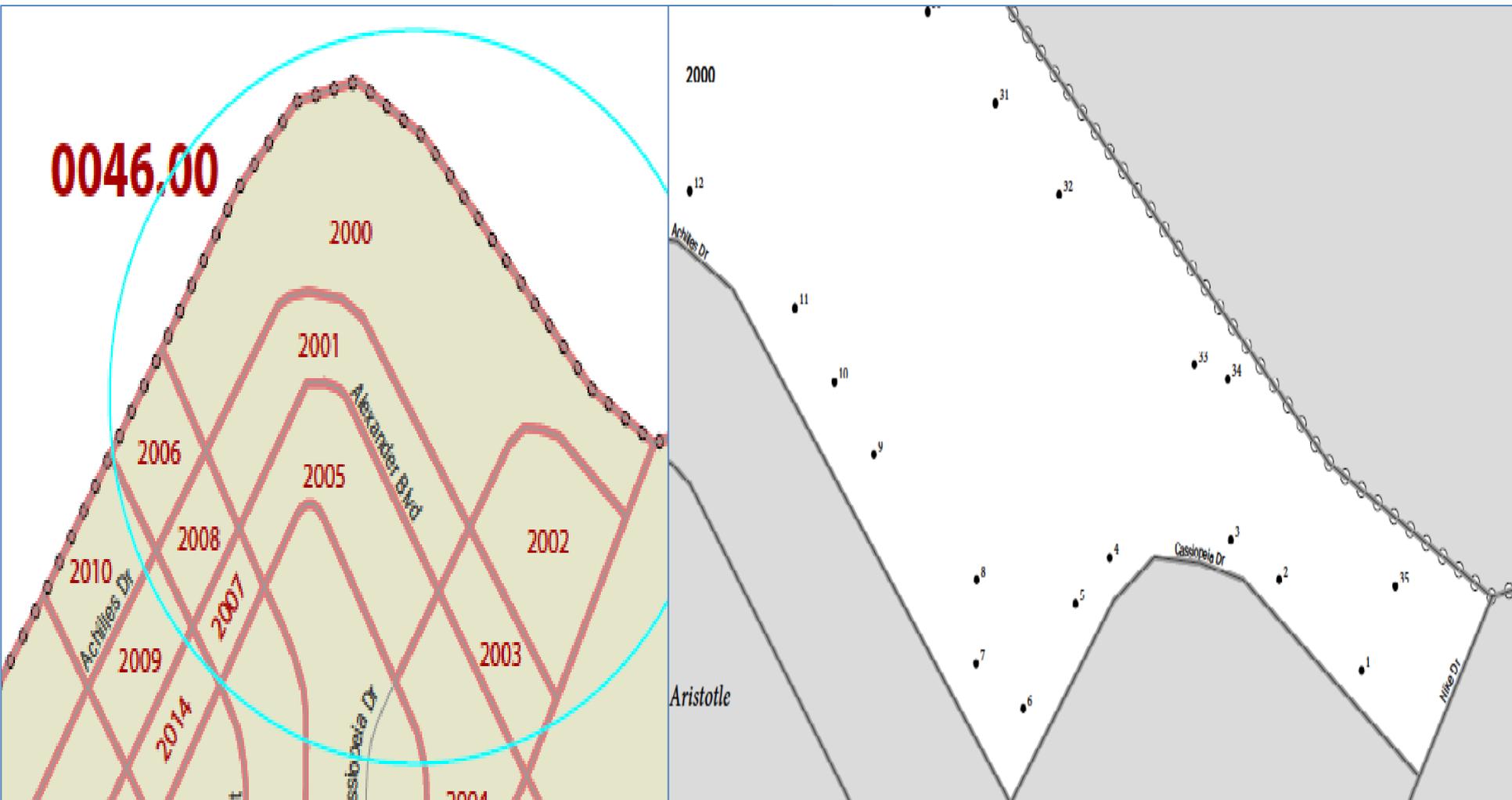


Preparation – Map Formats

- 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

Paper – Large & Small Format Maps

****No Title 13 Data Displayed****



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 - Early Tools

2020 LUCA Address Block Count List

- Provides access to an address count list which includes the count of residential addresses and group quarters by block

	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 – 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

Questions about 2020 LUCA?

Visit our 2020 LUCA website:

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

Contact us:

Via telephone: 1-844-344-0169

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