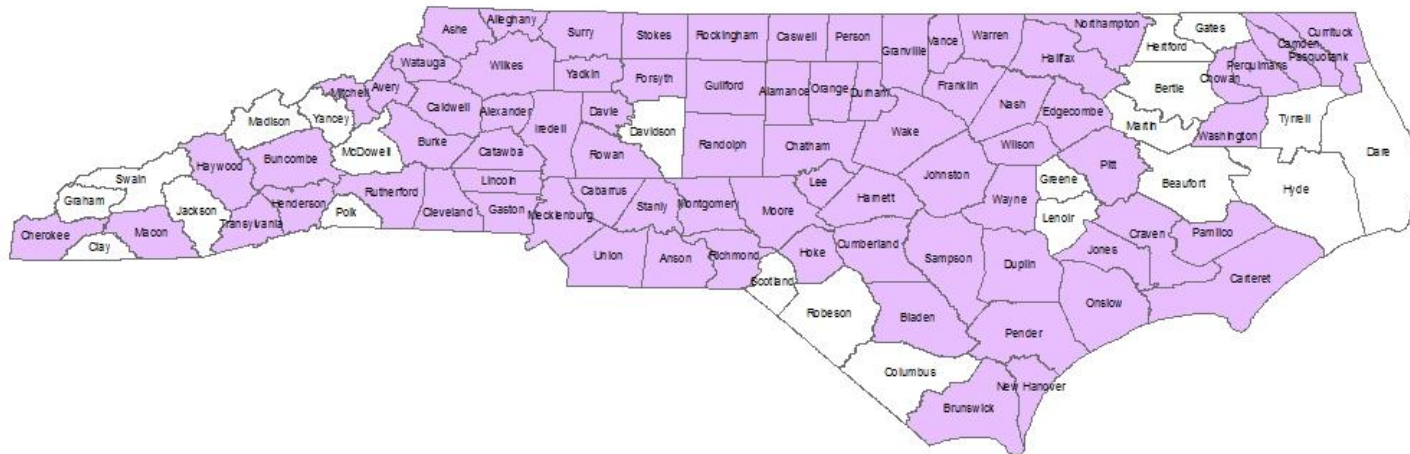




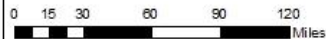
2020 Census Preparations in North Carolina

North Carolina Geographic Information Coordinating Council Meeting
May 10, 2017

Participation in LUCA for Census 2010



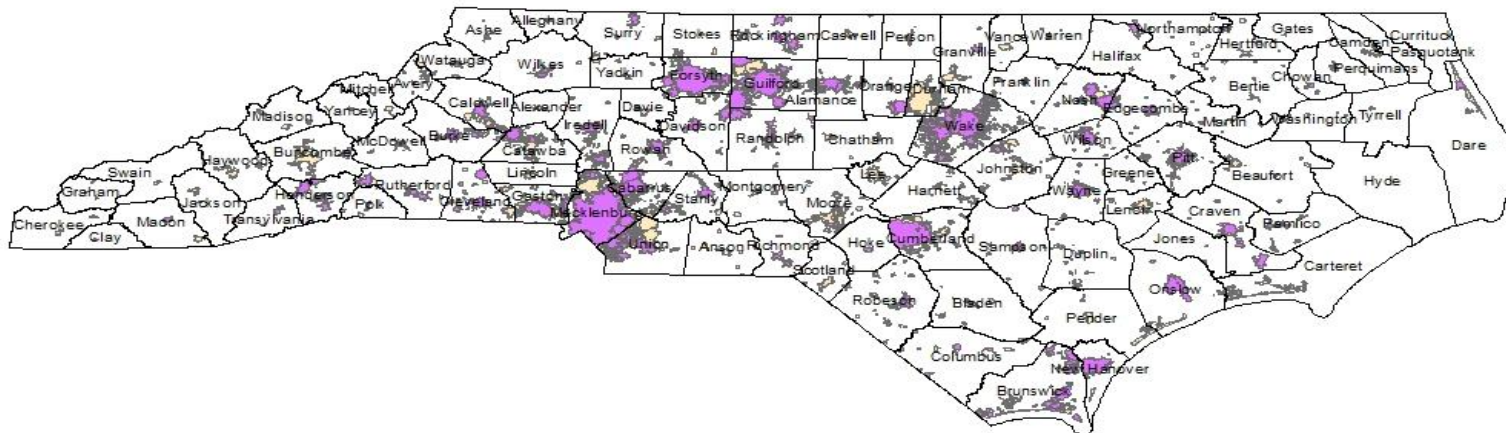
Counties in purple participated
in LUCA last decade.



Map Date: 03/02/17

Counties in NC = 100
78% of NC counties participated in LUCA for 2010.

Participation in LUCA for Census 2010



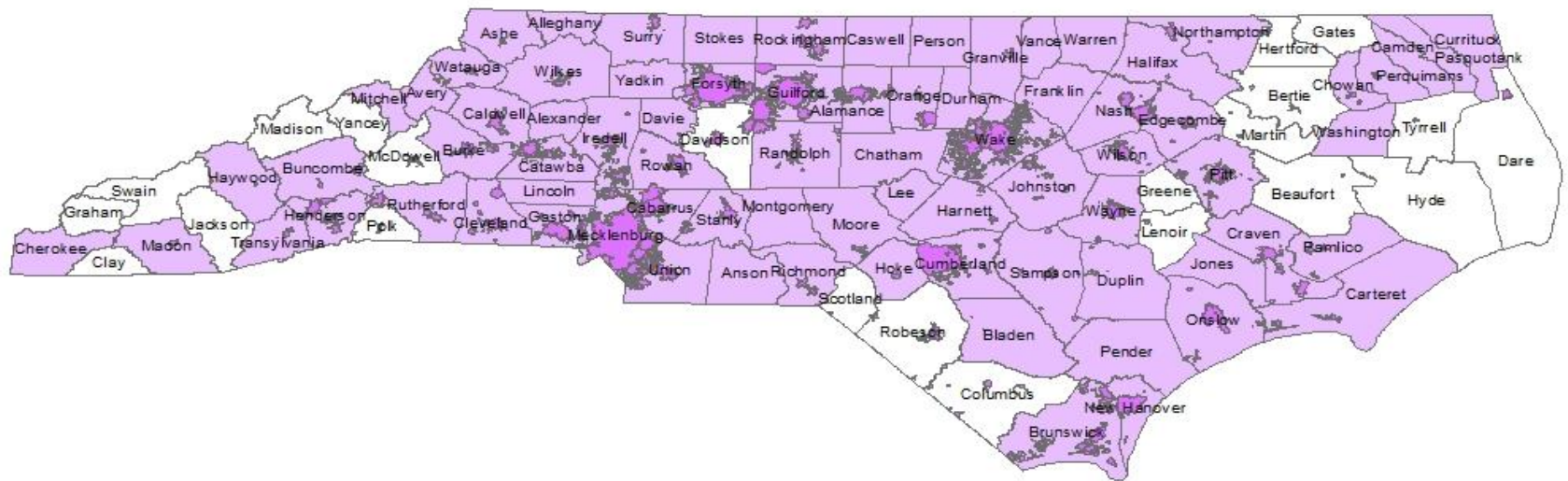
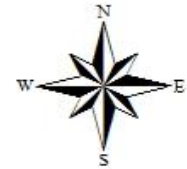
Cities in purple participated
in LUCA last decade.
Cities in beige did not participate
in LUCA last decade.

0 15 30 60 90 120
Miles

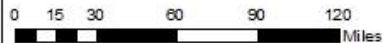
Map Date: 03/02/17

Cities in NC = 548 (does not include CDPs)
Participating in LUCA2010 = 232
42% of NC cities participated in LUCA for 2010.

Participation in LUCA for Census 2010

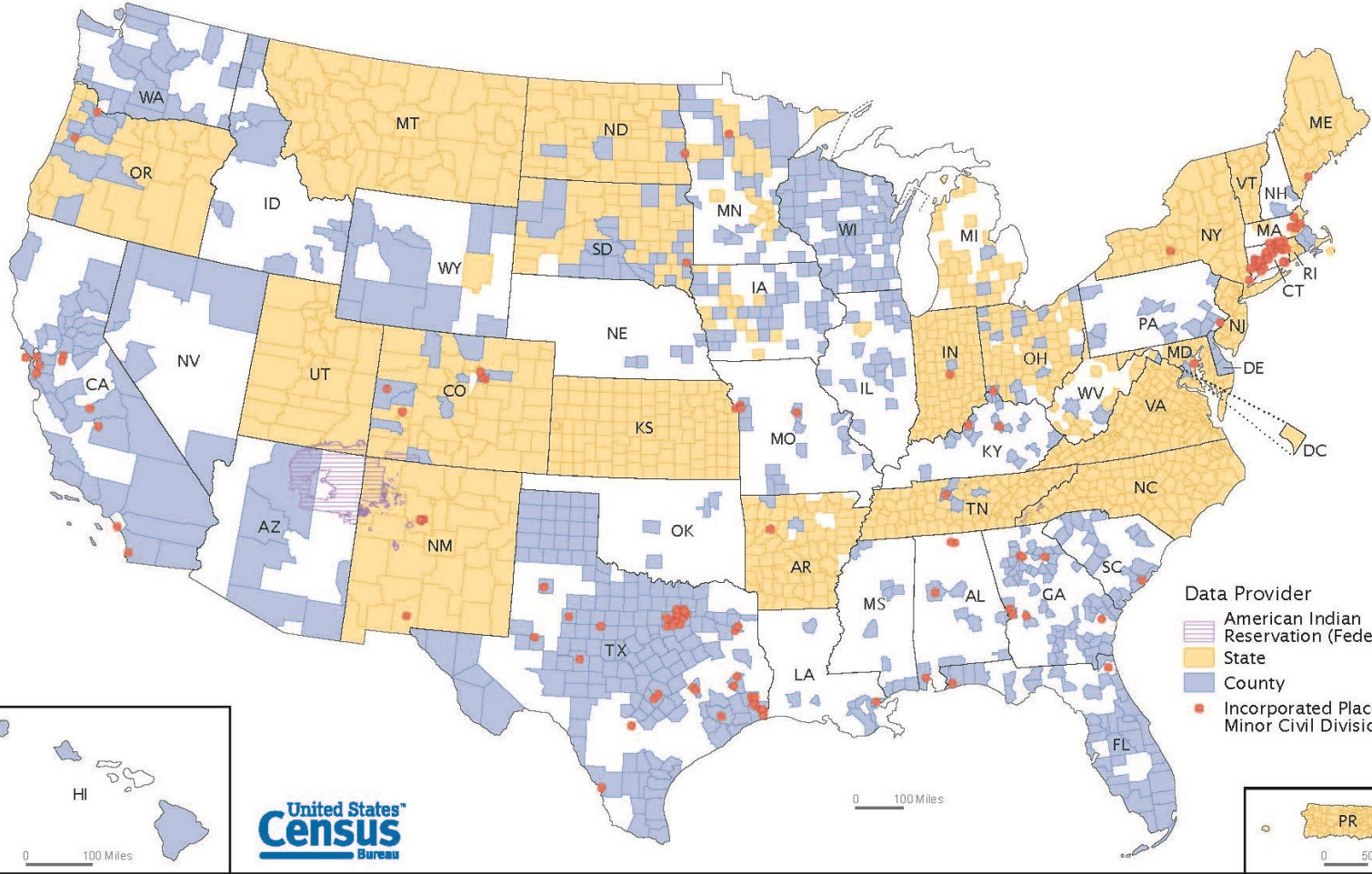
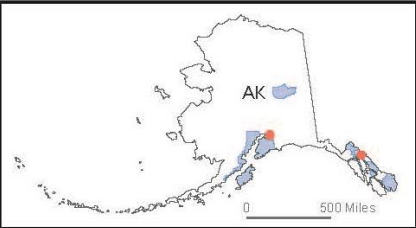


Counties and Cities in purple
participated in LUCA last decade.

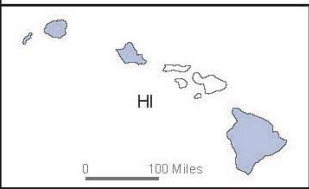


GSS Address Files Acquired

(As of March 8, 2017)



- Data Provider**
-  American Indian Reservation (Federal)
 -  State
 -  County
 -  Incorporated Place or Minor Civil Division

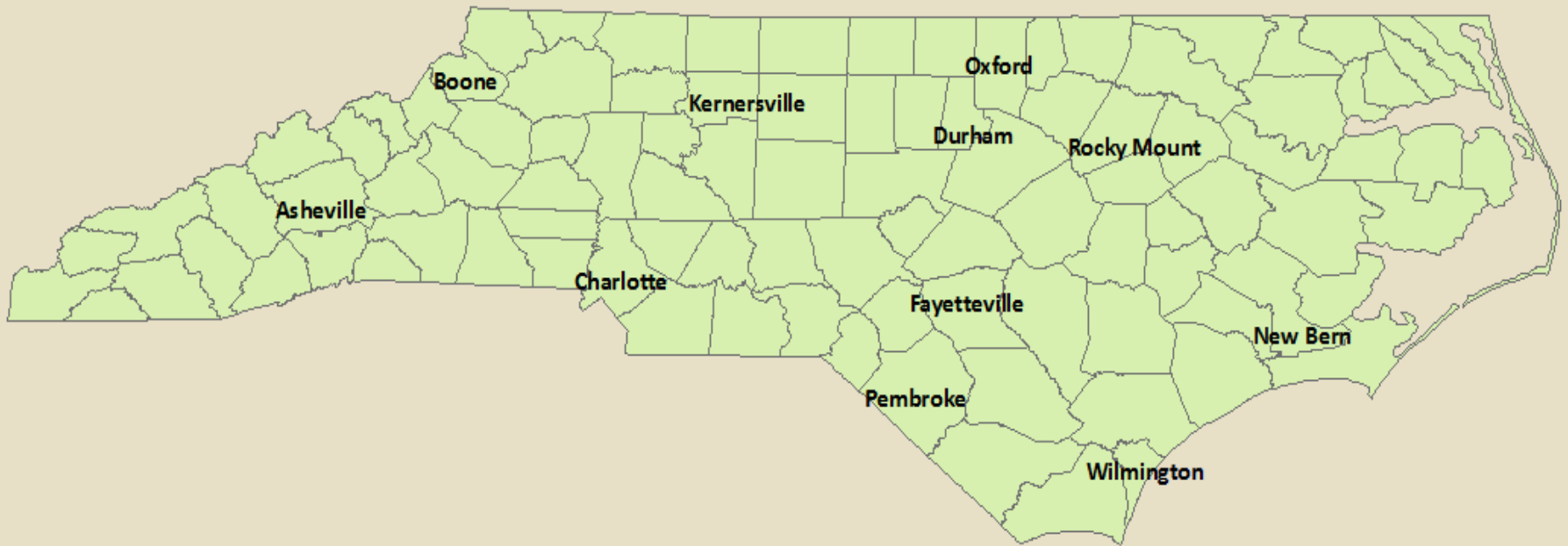


Prepared by the Geography Division, U.S. Census Bureau

LUCA Timeline

- January 2017: Advance notification for LUCA mailed.
- April 2017: LUCA promotional trainings begin.
- **July 2017: Invitation letter and registration forms mailed. We recommend registering before the end of August.**
- October 2017: Technical training workshops begin.
- **February 2018: Participation materials mailed to registered participants (**120 day clock begins upon receipt**). This is the time technical staff needs to be available. We recommend that you plan now to ensure adequate budget and resource availability during this time period.**
- August 2019: Feedback materials sent to participants and the 30 day appeals process begins.
- April 1, 2020: Census Day.

2020 Census LUCA North Carolina Informational Workshops
April 11 - April 21, 2017



Census Geocoder Output File

	A	B	C	D	E	F	G	H	I	J	K	L	M
745	647	1206 TIGER FOREST DR, DECENNIAL, GA,	Match	Non_Exact	1206 TIGER FOREST DR SW, DECENNIAL, GA, 72961	-64.59167,77.66096	17206769	R	13	67	33405	2003	
746	648	1207 TIGER FOREST DR, DECENNIAL, GA,	Match	Non_Exact	1207 TIGER FOREST DR SW, DECENNIAL, GA, 72961	-64.59167,77.66097	17206769	L	13	67	33405	2003	
747	649	1208 TIGER FOREST DR, DECENNIAL, GA,	Match	Non_Exact	1208 TIGER FOREST DR SW, DECENNIAL, GA, 72961	-64.59167,77.660965	17206769	R	13	67	33405	2003	
748	195	3229 GATER DR, DECENNIAL, GA,	Match	Non_Exact	3229 GATER DR SW, DECENNIAL, GA, 72961	-64.60767,77.667705	17177790	L	13	67	33405	3004	
749	642	2431 TIGER LN, DECENNIAL, GA,	Match	Non_Exact	2431 TIGER LN SW, DECENNIAL, GA, 72961	-64.60477,77.697456	17216574	R	13	67	30905	4002	
750	194	3226 GATER DR, DECENNIAL, GA,	Match	Non_Exact	3226 GATER DR SW, DECENNIAL, GA, 72961	-64.60776,77.667614	17177790	R	13	67	33405	3000	
751	643	2432 TIGER LN, DECENNIAL, GA,	Match	Non_Exact	2432 TIGER LN SW, DECENNIAL, GA, 72961	-64.604774,77.697476	17216574	L	13	67	30905	4002	
752	197	3231 GATER DR, DECENNIAL, GA,	Match	Non_Exact	3231 GATER DR SW, DECENNIAL, GA, 72961	-64.60794,77.667604	17177790	L	13	67	33405	3004	
753	644	2486 TIGER LN SW, DECENNIAL, GA, 72961	Match	Exact	2486 TIGER LN SW, DECENNIAL, GA, 72961	-64.604645,77.692902	17216574	L	13	67	30905	4002	
754	196	3230 GATER DR, DECENNIAL, GA,	Match	Non_Exact	3230 GATER DR SW, DECENNIAL, GA, 72961	-64.607925,77.667604	17177790	R	13	67	33405	3000	
755	645	2534 TIGER LN, DECENNIAL, GA,	Match	Non_Exact	2534 TIGER LN SW, DECENNIAL, GA, 72961	-64.604546,77.69166	17177776	R	13	67	30905	4002	
756	191	3218 GATER DR, DECENNIAL, GA,	Match	Non_Exact	3218 GATER DR SW, DECENNIAL, GA, 72961	-64.607414,77.667276	17177790	R	13	67	33405	3000	
757	198	3215 GATER DR SW, DECENNIAL, GA, 72961	Match	Exact	3215 GATER DR SW, DECENNIAL, GA, 72961	-64.607776,77.667045	17177790	R	13	67	33405	3004	
758	193	3225 GATER DR SW, DECENNIAL, GA, 72961	Match	Exact	3225 GATER DR SW, DECENNIAL, GA, 72961	-64.60777,77.667577	17177790	R	13	67	33405	3004	
759	640	2948 TIGER CT, DECENNIAL, GA,	No_Match										
199	3237	GATER DR, DECENNIAL, GA,	Match	Non_Exact	3237 GATER DR SW, DECENNIAL, GA, 72961	-64.606066,77.664407	17177624	L	13	67	33405	3004	3004
761	198	3233 GATER DR, DECENNIAL, GA,	Match	Non_Exact	3233 GATER DR SW, DECENNIAL, GA, 72961	-64.60794,77.66791	17177790	L	13	67	33405	3004	3004
763	199	3237 GATER DR, DECENNIAL, GA,	Match	Non_Exact	3237 GATER DR SW, DECENNIAL, GA, 72961	-64.606066,77.664407	17177624	L	13	67	33405	3004	3004
ID:4	639	2967 TIGER CT, DECENNIAL, GA,	Match	Match									
765	637	2957 TIGER CT, DECENNIAL, GA,	Tie	Type									
766	638	2966 TIGER CT, DECENNIAL, GA,	Tie										
767	635	2947 TIGER CT, DECENNIAL, GA,	No_Match										
768	636	2956 TIGER CT, DECENNIAL, GA,	No_Match										
769	631	2916 TIGER CT, DECENNIAL, GA,	No_Match										

Batch File Address

Matching Address

TIGER/
Line ID**

Lat/Lon*

ST
CO
Tract
Block

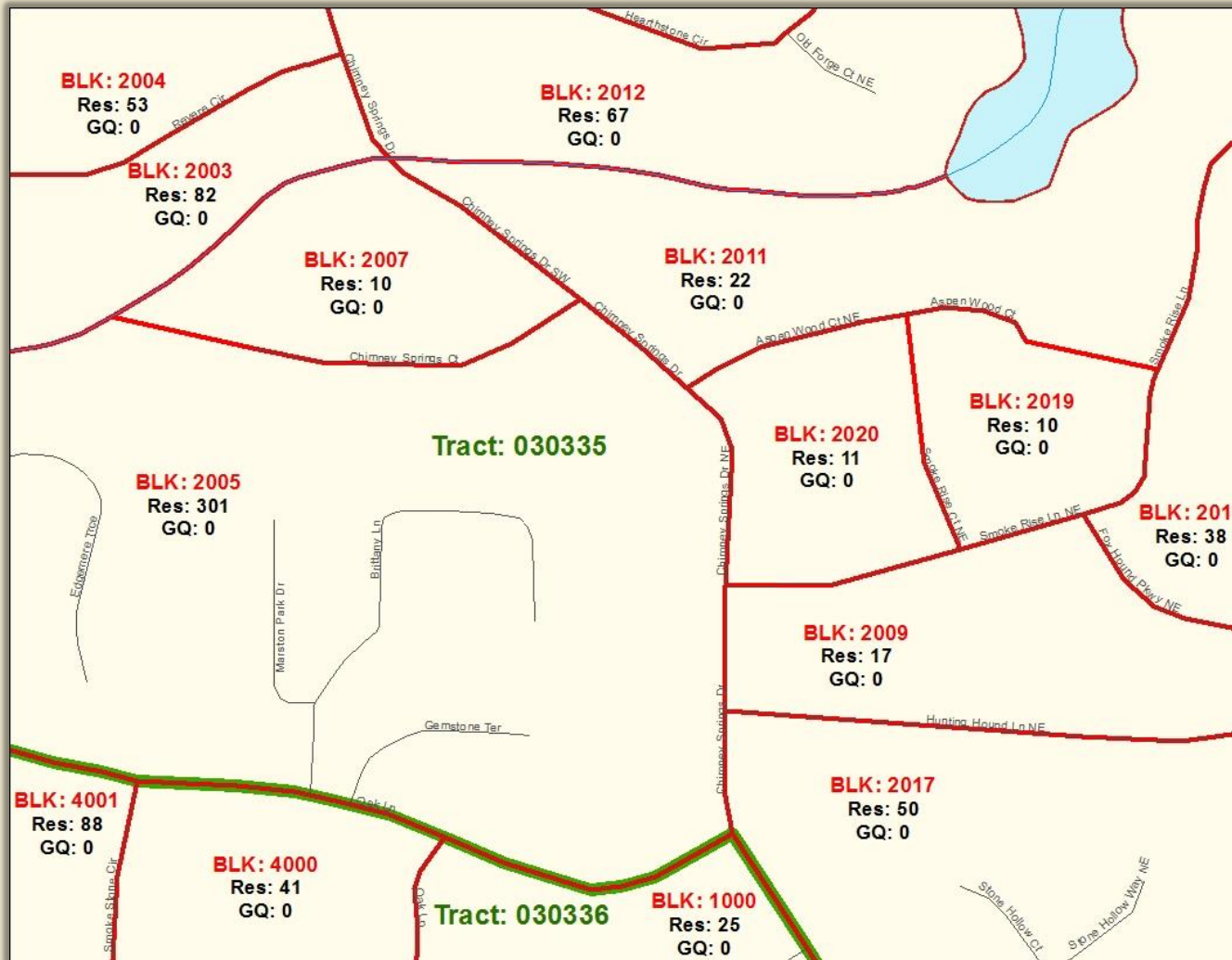
More Early Tools For LUCA Partners

Early Address Block Count List

- Providing an early address block count list for partners in January 2017 (includes count of residential addresses and group quarters by block).
- Address Block Count lists can be linked/joined to 2016 TIGER/Line shape files.

	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

Linking Address Block Count Data



Early Address Block Count Lists can be linked/joined to 2016 TIGER/Line Shapefiles for overlay and analysis.

Geographic Update Partnership Software (GUPS)

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

Census Address List

Add Import Deselect All Features Move Selection to top

GEOID Edit Copy Out of Jurisdiction Non-Residential Delete

GEOID	MAFID	Action	ST	COU	Tract	Block	GEOID	GQ	House #	Street Name	Apt/A
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

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

Show All Features

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

Geographic Update Partnership Software (GUPS)

QGIS 2.8.3 - Wien - CO24027 - GUPS *** Disclosure Prohibited by Title 13 U.S.C. *** (Not Responding)

Project Edit View Layer Settings Vector Raster Processing Help GUPS

Census Address List

Add Import Deselect All Features

GEOID

	MAFID	Action	ST	COU	Tract	Block	GEOID	GQ	House #	Street Name
1	A14041961	A	24	027	6069.06	2003	240276069062003		101	Any Ave
0	A19734500	A	24	027	6069.07	3000	240276069073000		101	Any Ave

Show All Features

Census Address List User Address List

1 feature(s) selected on layer luca20_CO24027_censusaddr.

*** Indicates required field**

This is a Group Quarters Address

STCOU : 24027

Tract : * 6069.07

Block : * 3000

House Number : * 101

Street Name : * ? Any Street Ave

Apartment/Unit # : ?

Zip Code : 20014

Address Use: M - Mailing

Longitude : -76.8427486128 Latitude : 39.1155212927

Add Map Spot Clear Map Spot OK Copy Cancel

<http://www.census.gov/geo/partnerships/luca.html>
(check this website for updates)

2020 Census Local Update ...

www.census.gov/geo/partnerships/luca.html

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You are here: [Census.gov](#) > [Geography](#) > [Partnerships](#) > 2020 Census Local Update of Census Addresses Operation (LUCA)

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.

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.

Contact

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North Carolina State Data Center, Coordinator
Governor's Census Liaison
Demographic and Economic Analysis Section
NC Office of State Budget and Management