



2020 Census Challenge Process

***NC Geographic Information Coordinating
Council***

February 23, 2022

Integrity

Innovation

Teamwork

Excellence



2020 Census Challenges

- **Count Question Resolution (CQR)**

Free challenge available to Tribal and Local Governments only based on limited boundary and housing issues.

Successful CQR challenges could change 2020 Census counts

- **Post-Census Group Quarters Review (PCGQR)**

Free challenge available to Tribal and Local Governments only of GQ facility and population counts.

Successful PCGQR challenges could revise 2020 population estimates base

- **Special Census**

Local government funded repeat of the entire Census process for a specified area



2020 Census Challenges – Count Question Resolution (CQR) Program

- CQR program run January 2022 – June 2023
- Only tribal/local governments may initiate a CQR challenge, but the local government may designate anyone to conduct the challenge
- Tribal/Local governments may only challenge 2020 Census counts based on

Boundary	Incorrect boundaries were used
Geocoding	Housing units or GQs were counted in the wrong place (inside/outside town limits)
Coverage	Housing units or GQs in an area were not counted

- Documentation on occupied structures as of April 1, 2020, and/or boundaries legally in place as of January 1, 2020



- What support can North Carolina provide to tribal/local governments planning a CQR challenge?



2020 Census Challenges – Count Question Resolution (CQR) Program

- Current CQR website
<https://www.census.gov/programs-surveys/decennial-census/decade/2020/planning-management/evaluate/cqr.html>
- Challenges may be submitted in paper, Geographic Update Partnership Software (GUPS), or by GIS.
- GUPS and Shapefiles are available now
- Online Participant Guides provide guidance on the CQR process, challenge documentation, GUPS installation, challenge submission, etc..
- CQR will contact participating local governments, but CQR staff are available at dcmd.2020.cqr.submissions@census.gov or (888) 369-3617



Recorded Webinars

- NC OSBM Events with Census experts on Redistricting, DAS, and the Count Question Resolution program
- <https://www.osbm.nc.gov/facts-figures/population-demographics/nc-census-data/local-government-webinar>

The screenshot displays the OSBM website's navigation bar with links for Home, Budget, Facts & Figures, Operational Excellence, Stewardship Services, and About OSBM. The main content area features a section titled 'Local Government Webinars' with a sub-header 'What the 2020 US Census Means for NC (Sept 21, 2021)'. Below this, it states the webinar was hosted by the NC League of Municipalities and provides two links: '2020 Census Results & Next Steps by Mike Cline' and '2020 Census Challenge Process by Bob Coats'. A video player is embedded, showing the title 'What the 2020 Census Means for NC.mp4' and the NCLM logo (NC League of Municipalities). A sidebar on the right contains 'NC Census Data' with links to 'April 2000 County Census Populations', 'Census 2000 County/State Densities/Areas', and 'County Census Populations - 1990-2000'. A blue button at the bottom of the sidebar is labeled 'Local Government Webinars'.



Review and Challenge Strategy

- Focus on structure count, location, and occupancy
- Verify Census boundary with boundary in effect on January 1, 2020 and housing/Group Quarter structure count as of April 1, 2020 with local records.
- Census block level count of housing unit and group quarters structures

US Census Bureau	https://www.census.gov/geographies/reference-files/2020/geo/2020addcountlisting.html
NC Office of State Budget and Management	https://linc.osbm.nc.gov/explore/dataset/nchu_gq_counts_9_20_21



Analysis Resources – Census Block Housing Unit & Group Quarters Count

[Home](#)[Data](#)[Map](#)[Chart](#)[Help](#)[Contact](#)[Back office](#)[Bob Coats](#)[Logout](#)

1,468 records

Active filters [Clear all](#)

Area Lee

Filters

Area

Alamance	3,594
Alexander	919
Alleghany	704
Anson	1,310
Ashe	1,138
Avery	948

Census 2020 Block Housing Unit & Group Quarters Facility Counts [Edit](#)



[Information](#) [Table](#) [Analyze](#) [Export](#) [API](#)

	Area	TRACT	BLOCK	BLOCK_GEOID	TOTAL HOUSING UNITS	TOTAL GROUP QUARTERS
1	Lee	0301.01	1003	371050301011003	0	0
2	Lee	0301.01	1009	371050301011009	16	0
3	Lee	0301.01	1010	371050301011010	0	0
4	Lee	0301.01	1011	371050301011011	4	0
5	Lee	0301.01	1027	371050301011027	5	0
6	Lee	0301.01	1028	371050301011028	81	0
7	Lee	0301.01	1030	371050301011030	12	0
8	Lee	0301.01	2008	371050301012008	14	0
9	Lee	0301.01	2012	371050301012012	13	0
10	Lee	0301.01	2019	371050301012019	29	0
11	Lee	0301.01	2021	371050301012021	14	0



Analysis Resources – NC OneMap Building Footprint Layer

NC OneMap Sign In

NC Buildings Footprints

Private Member
NCEM - Risk Management

5,193,564 records [View Table](#)

Summary

This data set is a collection of polygons representing the roof line of built structures wholly or partially within the State of North Carolina political boundary. The building footprints are closed polygons with a unique identifier.

[View Full Details](#)

- Dataset**
Feature Layer
- January 5, 2021**
Info Updated
- January 5, 2021**
Data Updated
- December 5, 2019**
Published Date
- 5,193,564 Records**
[View data table](#)
- Public**
Anyone can see this content
- Custom License**
[View license details](#)

I want to use this >

SHERRIF-WATSON RD

BLDG_ID: 3710522084

Map navigation controls: +, -, Full Screen, Search

Lee County, NC, State of North Carolina DOT, Esri, HERE, Garmin, INCREMENT P, USGS, EPA | State of North Carolina DOT

Powered by Esri



Contact



Bob Coats
984-236-0687
Bob.Coats@osbm.nc.gov

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