



ADDRESS MAINTENANCE IN THE CENSUS BUREAU'S GEOGRAPHIC SUPPORT PROGRAM



THE MAF/TIGER SYSTEM TODAY



OVER 14 MILLION UNIQUE GEOGRAPHIC AREAS, INCLUDING LEGAL, ADMINISTRATIVE, AND STATISTICAL AREAS.



LEGAL BOUNDARIES FOR APPROXIMATELY 40,000 UNITS OF GOVERNMENT.



APPROXIMATELY 7 MILLION MILES OF ROADS.



ADDRESSES FOR MORE THAN 146.7 MILLION HOUSING UNITS.



STRUCTURE POINTS FOR APPROXIMATELY 94% OF THOSE HOUSING UNITS.

ADDRESS MAINTENANCE LEADING UP TO 2020



USPS ADDRESS UPDATES

From 2010-2020

9.3 million new addresses were added to the MAF from the DSF.

128.1 million DSF residential and deliverable addresses sent to the 2020 Census Enumeration Frame as housing units.

- **97.5 percent** of those addresses were enumerated.



PARTNER FILE UPDATES

From 2013-2018

134.1 million addresses received from partners.

- **106.2 million, or 99.51 percent**, used to update the MAF, nearly all correcting or improving geocodes.
- **1.2 million** addresses newly geocoded.



IN-OFFICE ADDRESS CANVASSING

From 2015-2019

Clerical staff reviewed more than **13 million blocks** to identify blocks that required follow-up during In-Field Address Canvassing.

- **65 percent** of the nation's addresses were validated using only In-Office Address Canvassing methods.

STRATEGIES FOR MAINTAINING THE MAF/TIGER SYSTEM IN 2024 AND BEYOND

“TRIED AND TRUE”



DELIVERY
SEQUENCE FILE
(DSF)



PARTNERSHIP FILE
ACQUISITION



PARTNERSHIP
PROGRAMS



QUALITY AND
COVERAGE
MEASUREMENT



NEW THIS DECADE



NEW AND
ENHANCED DATA
SOURCES



AUTOMATED
CHANGE DETECTION
AND OTHER DATA
SCIENCE METHODS



INTELLIGENCE
DATABASE



PARCEL-ADDRESS
MATCHING

INTELLIGENCE DATABASE (ID)

Intelligence Database (ID) Web App GSP Analytics and Change Detection Core (ACDC) Working Group - ACS23

Search: GEOID 2020, MAFID, Addr

Layer List

- ID Blocks
- Parcel Labels
- Change Detection LULC
- ACS23
- BAS23
- Change Detection GEE
- ORNL Building Footprints
- Census Blocks 2020
- Mafunits
- Coverage Review Pts

6 features 0 selected

GEOID2020	STATEFP	COUNTYFP	STCOU	CURSTATE	CURCOUNTY	CUR_STCOU	OIDTB	ACT	CF_MU_COUNT	MU_COUNT
24033800701300	24	033	24033	24	033	24033	21070100848080	C2	571	576
24033800701301	24	033	24033	24	033	24033	21070100847821	C3	1	1
24033800701301	24	033	24033	24	033	24033	21070100848312	C3	1	1
24033800701302	24	033	24033	24	033	24033	21070100847835	C3	8	8

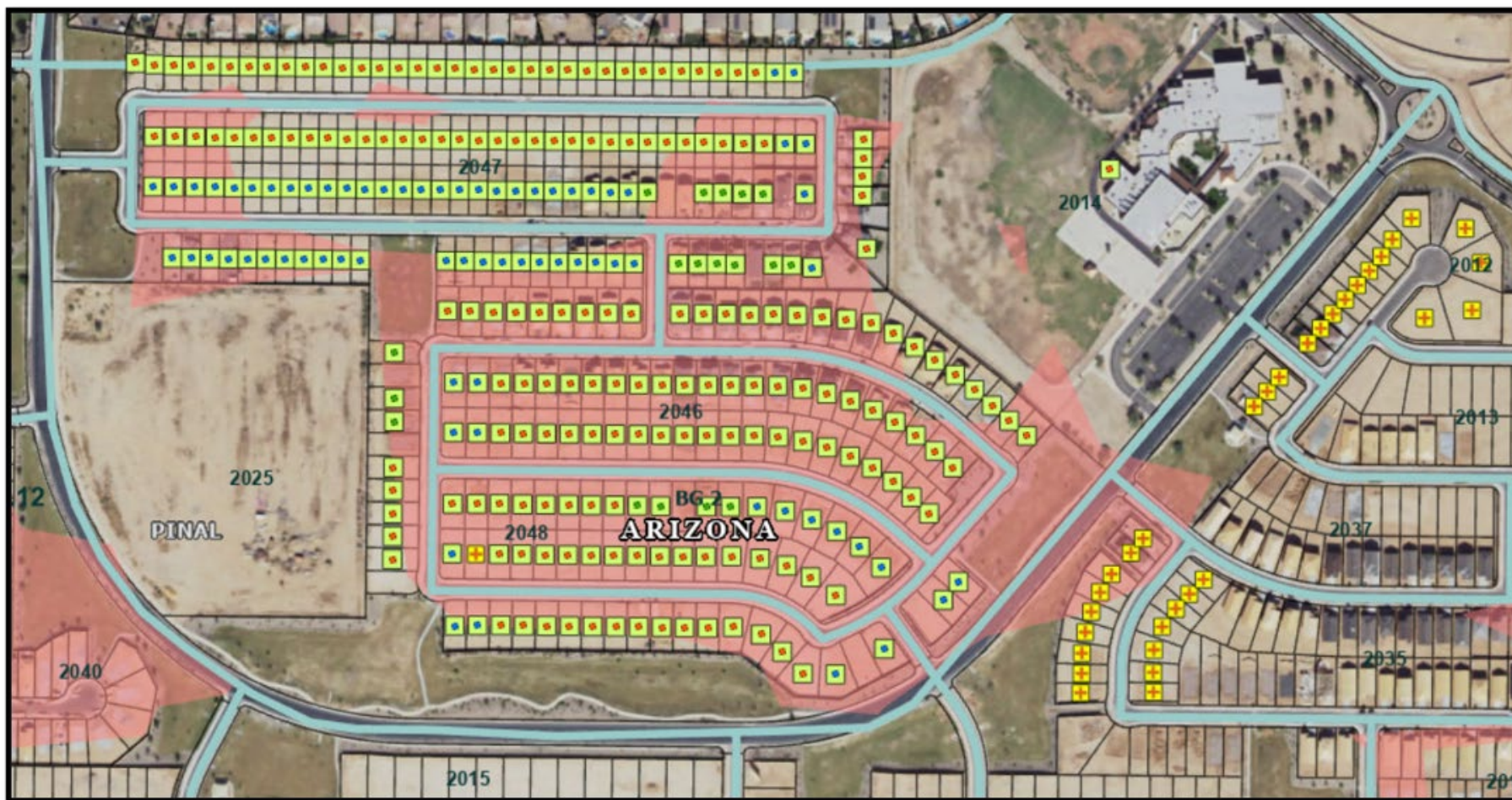
Slide Does NOT Contain Title 13 Data

CHANGE DETECTION



Imagery: © 2023 ESA Sentinal-2, Image Dates 4/3/2020, 11/4/2023

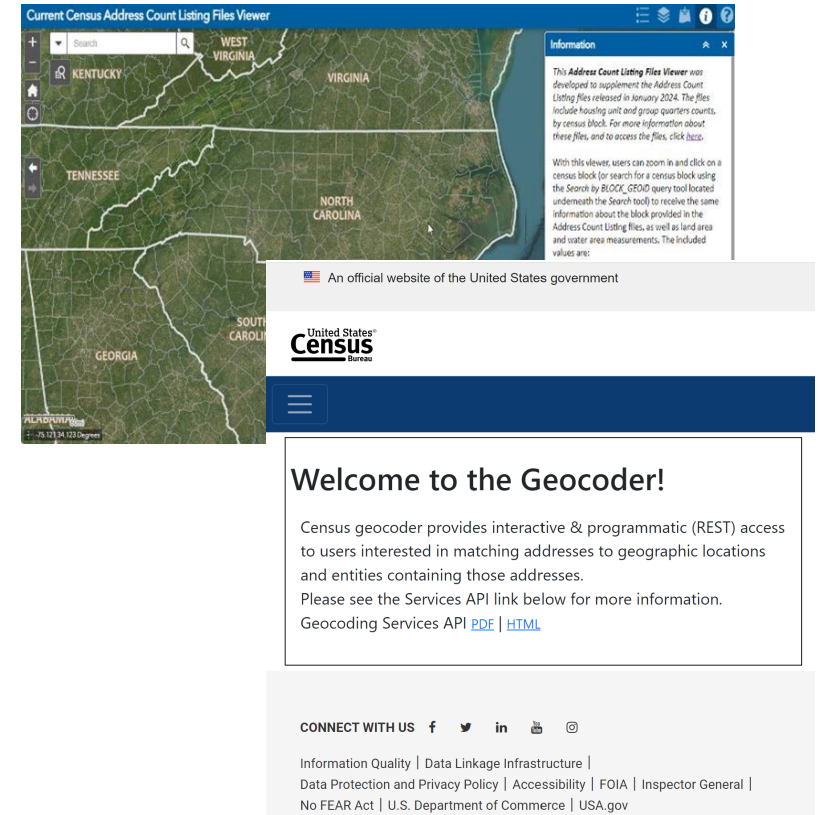
PARCEL MATCHING



WHAT CAN CENSUS PARTNERS DO NOW?

REVIEW YOUR ADDRESS AND SPATIAL DATA INVENTORY

- ✓ Explore our [Current Address Count Listing Files](#) and [Current Census Address Count Listing Files Viewer](#) and compare your current address counts to ours.
- ✓ Utilize the [Housing Unit Change Viewer](#) to monitor how well the Census Bureau is capturing change in your community since the 2020 Census.
- ✓ Use the [Census Geocoder](#) to identify the geocode for any address.



The screenshot shows the 'Current Census Address Count Listing Files Viewer' website. The main content area features a map of the Eastern United States with state boundaries labeled: WEST VIRGINIA, VIRGINIA, NORTH CAROLINA, SOUTH CAROLINA, GEORGIA, and ALABAMA. A search bar is visible at the top left. An 'Information' pop-up window is open on the right, providing details about the tool's purpose and usage. Below the map, there is a navigation bar with the 'United States Census Bureau' logo and a 'Welcome to the Geocoder!' section. The footer contains social media links and legal information.

Current Census Address Count Listing Files Viewer

Search

WEST VIRGINIA VIRGINIA NORTH CAROLINA SOUTH CAROLINA GEORGIA ALABAMA

Information

This [Address Count Listing Files Viewer](#) was developed to supplement the [Address Count Listing Files](#) released in January 2024. The files include housing unit and group quarters counts, by census block. For more information about these files, and to access the files, click [here](#).

With this viewer, users can zoom in and click on a census block (or search for a census block using the Search by BLOCK GEOID query tool located underneath the Search tool) to receive the same information about the block provided in the [Address Count Listing Files](#), as well as land area and water area measurements. The included values are:

An official website of the United States government

United States[®] Census Bureau

Welcome to the Geocoder!

Census geocoder provides interactive & programmatic (REST) access to users interested in matching addresses to geographic locations and entities containing those addresses. Please see the [Services API](#) link below for more information. [Geocoding Services API](#) [PDE](#) | [HTML](#)

CONNECT WITH US [f](#) [t](#) [in](#) [v](#) [@](#)

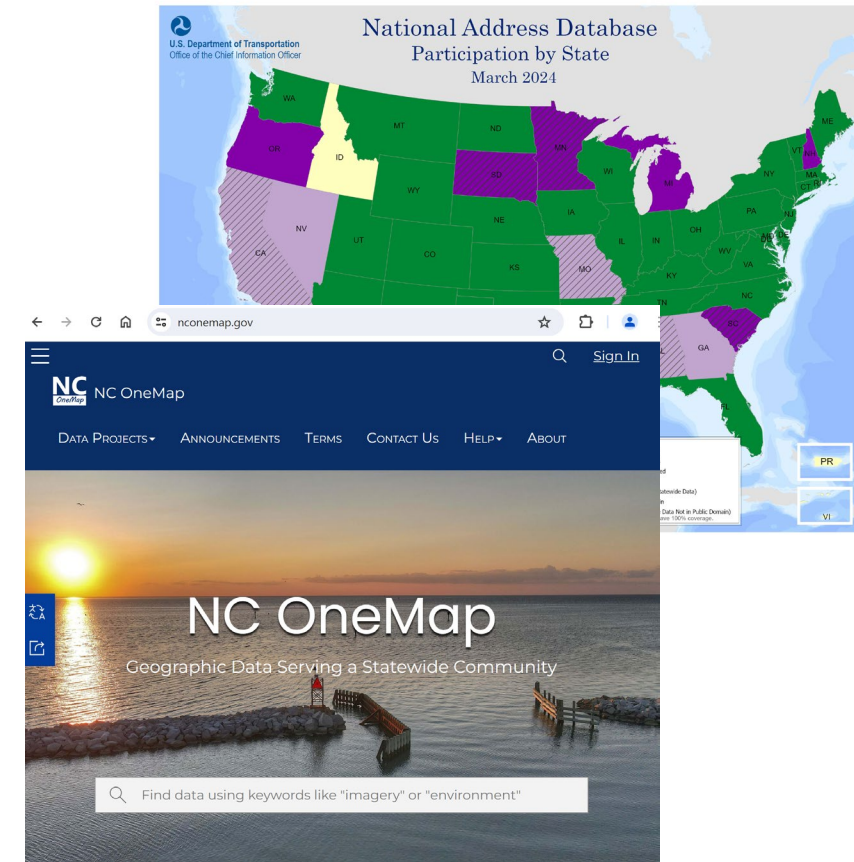
Information Quality | Data Linkage Infrastructure | Data Protection and Privacy Policy | Accessibility | FOIA | Inspector General | No FEAR Act | U.S. Department of Commerce | USA.gov

DEMONSTRATION OF VIEWERS

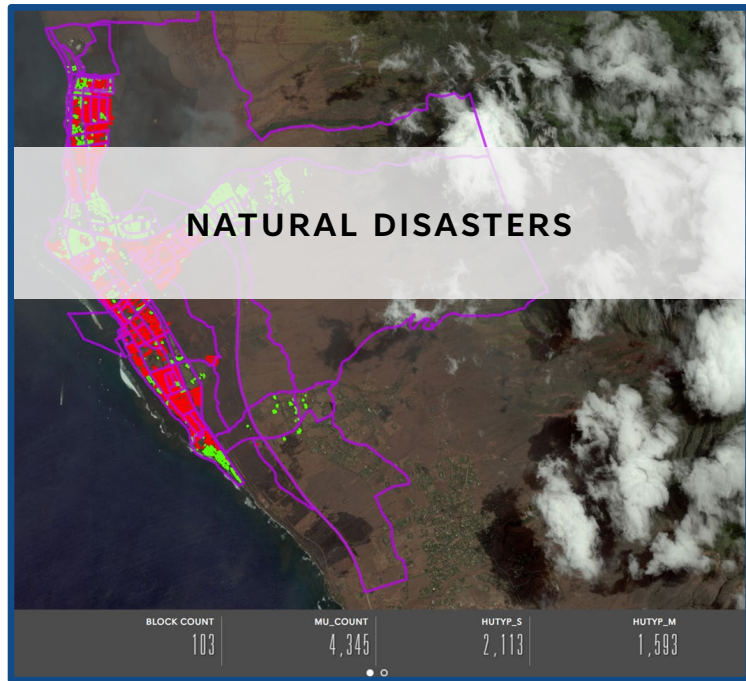
WHAT CAN CENSUS PARTNERS DO NOW?

MAINTAIN AND PUBLISH YOUR ADDRESS AND SPATIAL DATA

- ✓ Publish your data in the National Address Database (NAD).
- ✓ Ensure your jurisdictions are updating parcel data on the jurisdiction websites, and/or through parcel data integrators.
- ✓ Ensure online GIS data resources are up to date.



FOCUS ON UNIQUE ADDRESS SITUATIONS



QUESTIONS?

CONTACT INFORMATION
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THANK YOU!

MAF STRUCTURE POINT 'PRECISION' FOR CALIFORNIA

ACS 2024 CENSUS ADDRESS FRAME

