CENSUS COUNT QUESTION RESOLUTION WORKSHOP

March 24, 2022

Resources Accessible at the Maryland State Data Center Website

https://planning.maryland.gov/MSDC/Pages/default.aspx

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WHAT INFORMATION IS AVAILABLE... NOW, LATER

- Now – published August 12th: **Redistricting Data File (Sep. 16th)**
  - Adult (18+), child, and total populations
  - Major race groups and combinations (multi-racial)
  - Total households, total housing units
  - *Almost* any geography you would want
  - Group Quarters Population

- Later – Summer 2022: **Demographic & Housing Characteristics (DHC)**
  - The remaining characteristics:
    - *Detailed age,*
    - *race,*
    - *sex,*
    - *Tenure (rent or own home),*
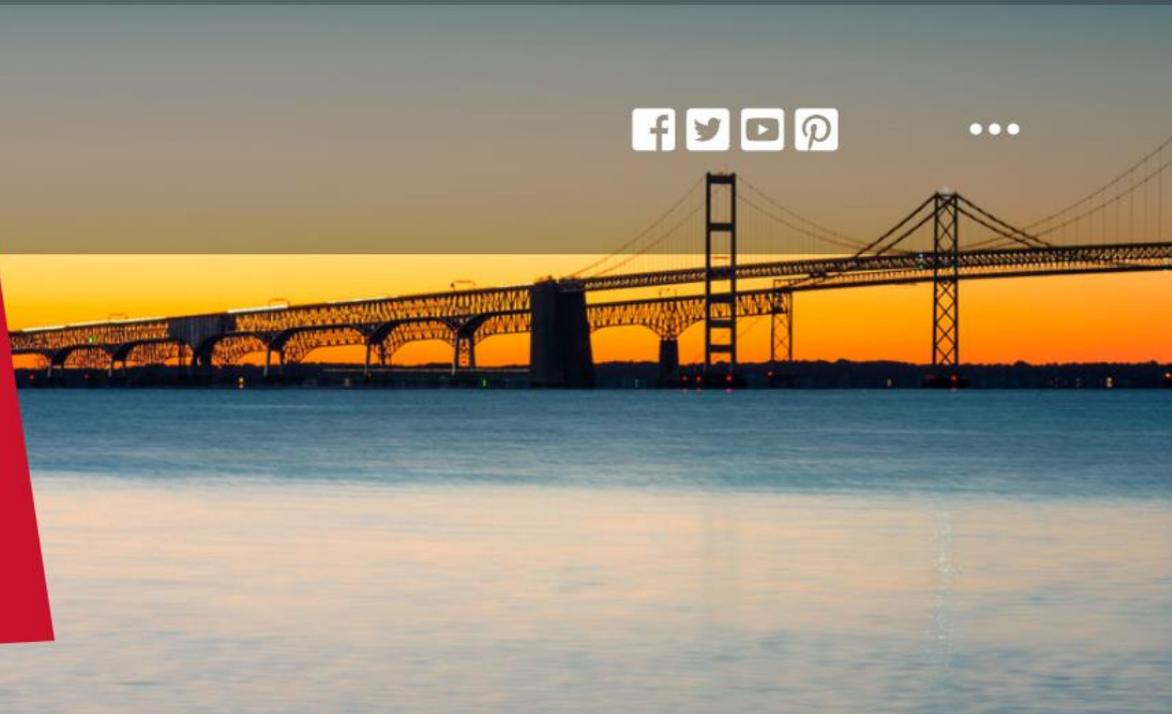   - *family (or nonfamily) and relationships among people living together*

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WHAT INFORMATION IS AVAILABLE VIA MARYLAND SDC

Easy-to-view online reports and views for cities and counties

- Tables and census geographies for blocks, block groups, tracts, municipalities and counties are available at: https://planning.maryland.gov/MSDC/Pages/census/Census2020/pL_2020redistricting.aspx
- Excel files with Population and Housing Unit Summaries available at:
- https://planning.maryland.gov/MSDC/Pages/census/Census2020/2020-pop_hu-summary.aspx
- *Explore Census Data"* at: Census 2020 P.L. 94-171 Data (maryland.gov)

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https://planning.maryland.gov/MSDC/Pages/default.aspx

ter search term 🔍

HOME   CENSUS DATA   ACS   ESTIMATES   PROJECTIONS   JOB/INCOME   MAPS/GIS   ECON & AG CENSUS   MDP

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The Maryland State Data Center (SDC)

The Maryland State Data Center (SDC) is an official partner with the U.S. Census Bureau. The Maryland Department of Planning coordinates the SDC program in Maryland.
SDC monitors development trends, analyzes social, economic and other characteristics and prepares population, housing, employment, labor force, and income projections, which provide the baseline for planning for growth and development in the State.

Census Count Question Resolution Workshop

Alert

- Maryland Department of Health - Coronavirus

Popular Links

- MD Statistical Handbook

Quick Links

- Median Household Incomes

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Census Data

The Census is a complete count of all persons living in the United States mandated by the U.S. Constitution. The population is counted every 10 years and the results are used to allocate Congressional seats, electoral votes and government program funding. The most recent census was held in 2020.

The Maryland State Data Center is designated by the U.S. Census Bureau as the repository and service center for census data pertaining to the state.

2020 Resources

- 2020 Maryland Redistricting Data
- 2020 Census P.L. 94-171 Data (raw data for experienced users only)
- 2020 Maryland Precinct Population Data (Green Report)
- 2020 Census Population and Housing Unit Summary
- Census 2020 Population In and Out of Priority Funding Areas (PFA)
- Comparison of 2020 and 2010 Census Population by Jurisdiction
- Census Geographies

Data releases from U.S. Census Bureau

- Maryland State Profile
- 2020 Census P.L. 94-171 data
- 2020 Apportionment Data
- 2020 Resident Population

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Inside Census

- Census 2020
- Census 2010
- Census 2000
- Census Historical

Related External Links

- U.S. Census Bureau
- Maryland General Assembly, Redistricting and

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Census 2020 P.L. 94-171 Data

Release Date: August 12, 2021
(Public Law 94-171, U.S. Census Bureau redistricting Data Release)

The Census 2020 redistricting Summary File contains the following tables:

- Table P1 -- Total Population by Race
- Table P2 -- Total Population by Hispanic or Latino and Not Hispanic or Latino by Race
- Table P3 -- Voting age Population (Population 18 years and Over) by Race
- Table P4 -- Voting age Population by Hispanic or Latino and Not Hispanic or Latino by Race
- Table P5 -- Group Quarters Population by Major Group Quarters Type
- Table H1 -- Occupancy Status

For an explanation of the Census 2020 summary file, you can access:

Technical Documentation (pdf)

List of Geographic and Columnar Headings (xlsx)

Total Population Counts (Tables P1 and P2) :

- County
- Census Incorporated Places and Census Designated Places
- Congressional District
- Legislative District- Senate
- Legislative District- House
- Census Tracts
- Block Groups
- Blocks - Zip File
- Voting Districts

Population 18 Years and Over (Tables P3, P4, and H1) :

- County
- Census Incorporated Places and Census Designated Places
- Congressional District
- Legislative District- Senate
- Legislative District- House
- Census Tracts
- Block Groups
- Blocks - Zip File
- Voting Districts

Group Quarters Population (Table P5) :

- County
- Census Incorporated Places and Census Designated Places
- Congressional District
- Legislative District- Senate
- Legislative District- House
- Census Tracts
- Block Groups
- Blocks - Zip File
- Voting Districts

Download Census 2020 Geographies (zipped file formats):

- Shapefile (93.5 Mb)
- Geodatabase (44.3 Mb)
- Geojson (81.2 Mb)

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GEOGRAPHIES DATA

- https://planning.maryland.gov/MSDC

Planning.Maryland.gov

Census 2020

Boundary Tiger Shape Files by Geographic Level

- Maryland
- County
- Census Places
- Census Tract
- Block Group
- Block
- Zip Code Tabulation Area (ZCTAs)

Note: These files are land area only and do not include water area. if you want the full tiger files including water blocks, download them from Census Bureau web site. The projected coordinate system is NAD83_StatPlane_Maryland_FIP_1900 meters.

More maps are avialable at Maps/GIS

Boundary Maps

- Census Tracts by Jurisdiction
- Block Groups by Jurisdiction
- Census Places (coming soon)
- Zip Code Tabulation Areas (ZCTAs) (coming soon)
- Metropolitan Statistical Areas (coming soon)
- Urban Areas in Maryland's Jurisdictions and Baltimore City (coming soon)

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CENSUS RESOURCES

Data Files

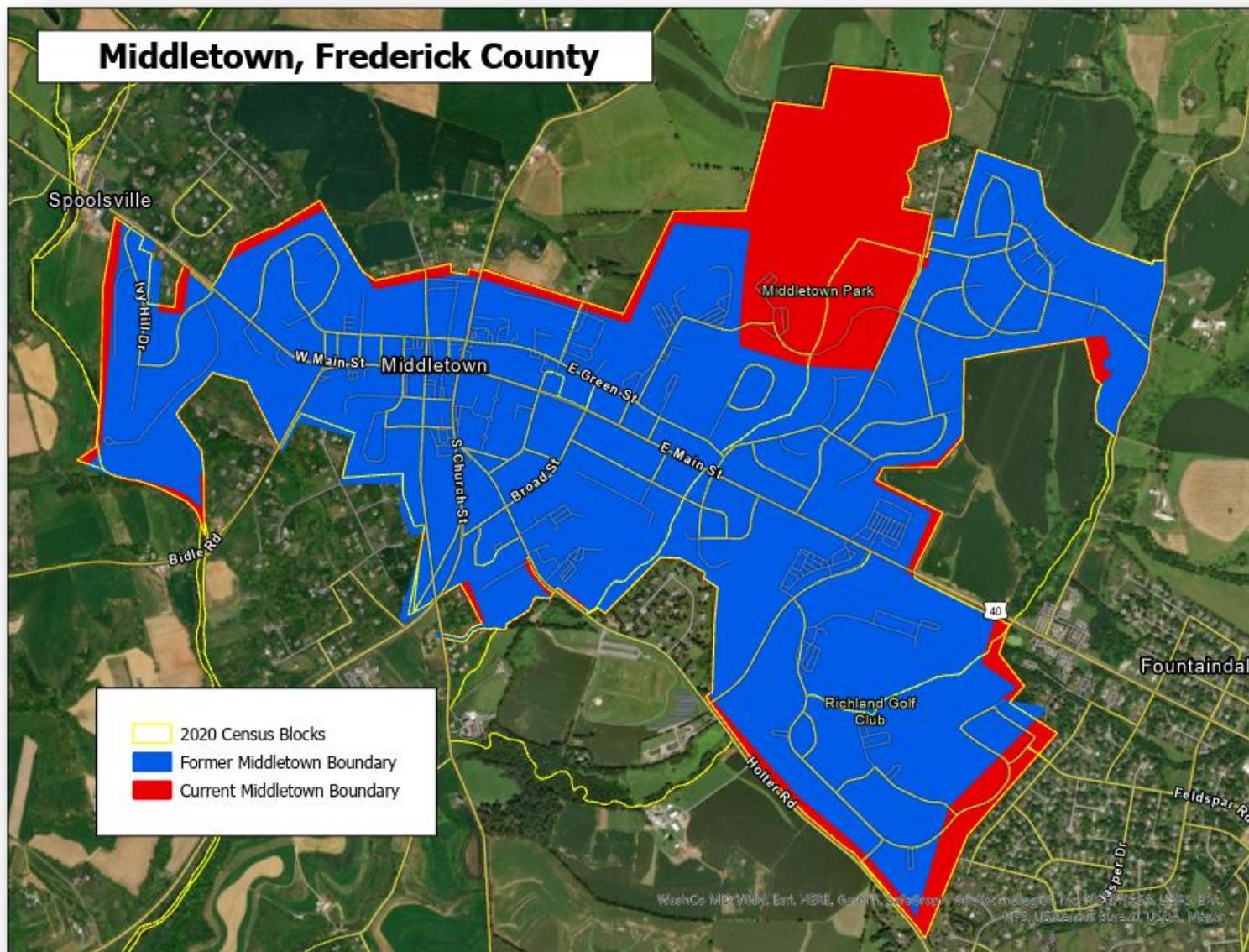• https://tigerweb.geo.census.gov/tigerwebmain/TIGERweb_state_based_files.html

Interactive Map

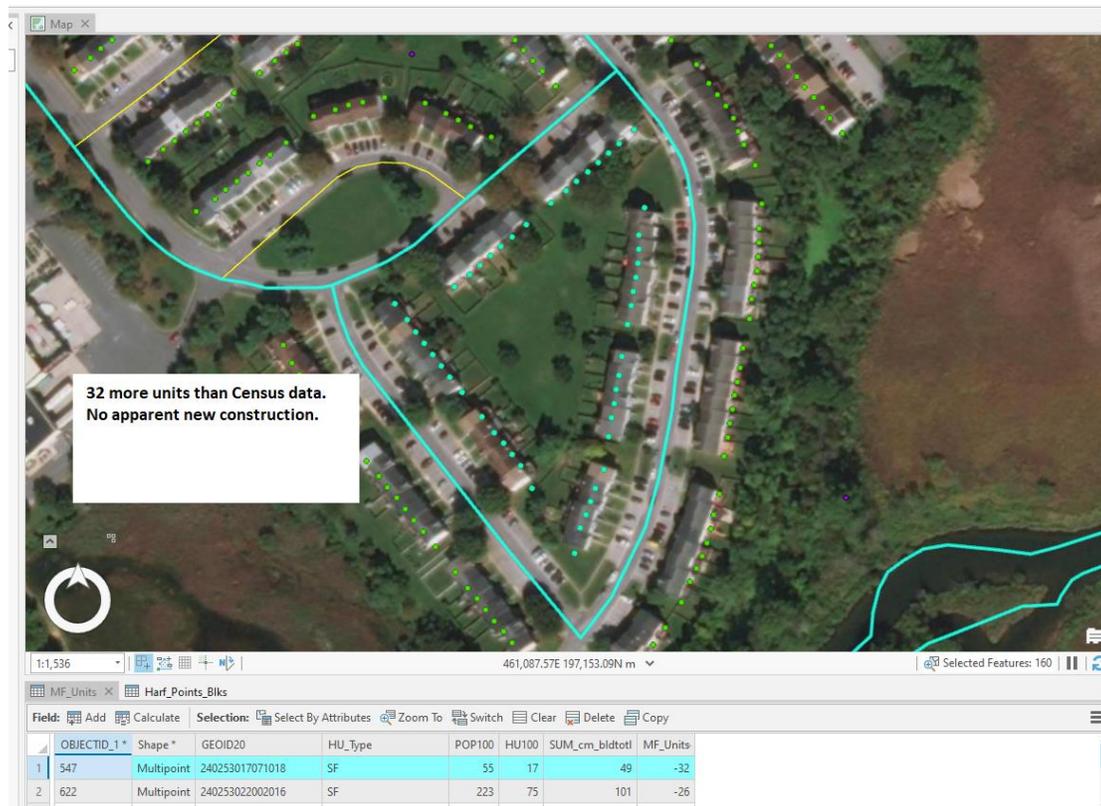• tigerweb.geo.census.gov/tigerweb2020/

Address Count Listing Files

• www.census.gov/data/data-tools.html

BOUNDARY CASES

Middletown, Frederick County

Legend:
- 2020 Census Blocks
- Former Middletown Boundary
- Current Middletown Boundary

- Obtain GIS shapefile of city, town, etc. boundaries as of Jan. 2020 – and compare vs. Census Bureau's boundaries

- Small error? Provide list of addresses

- Large error? Provide list of block IDs affected

- If there was a late-in-decade annexation, provide case documentation from MD's Municipal Boundaries Adjustments program

- If there was no annexation, explain and provide the correct boundaries

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HOUSING CASES

- Residential units only, as of Jan 2020

- Exclude new housing

Merits investigation: Was there an undercount? Are these properties or subdivisions that Census missed?

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DATA FOR PROBLEM-SPOTTING: HOUSING UNITS

- Administrative records from municipal utilities, *from start of 2010*
- Consumer databases, from Data Axle, Experian, etc., *from 2010*
- 2020 county parcels data, *if residential unit counts are provided*
  - Ideally, substantiate local counts with same data resources made available to Census at time of LUCA – revisit and re-analyze data used in that engagement with Census Bureau

  MD SDC can make available to partners in Maryland
  - Enhanced version of 2020 parcels data in Maryland is available at *MdProperty View*
  - *https://planning.maryland.gov/Pages/OurProducts/DownloadFiles.aspx*

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Data for problem-spotting: group quarters

MD SDC can make available to its partners in Maryland:

- Maryland's 2020 group quarters locations and population data

Recommend participating governments conduct data-gathering, data requests of the largest residential nursing homes, treatment facilities, correctional facilities, institutions with dormitories from the Department of Health

Ask about group quarters populations or "occupied beds" in 1st Quarter 2020 (pre-pandemic)

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FINAL OUTCOMES?

Consider CQR a due diligence exercise
- If you only find tiny discrepancies, may not be worth the trouble

Boundary cases likely prevail if Census's boundaries are wrong

Geolocation and Coverage appeals will be more opaque:
- We can't know what errors occurred inside Census's back-office

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IF YOU'RE "IN", WE WILL WORK WITH YOU ON THIS

Local governments in Maryland – we will work with you on this!

- Training,
- Technical assistance,
- Supporting data resources (SDC Website, *MdProperty View, etc.*)

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