Post-2020 Census Citizen Voting Age Population by Race and Ethnicity (CVAP) Special Tabulation

PURPOSE

As in years past, the Census Bureau is committed to producing a special tabulation (or a series of special tabulations) providing states their respective citizen voting age population (CVAP) for use in voting rights analysis. This documentation is being published in order to inform interested parties and stakeholders about the planned format and content of the Post-2020 Census CVAP Special Tabulation. This also provides some background as to the source data that will be used for the creation of this data product.

CVAP BACKGROUND
A CVAP special tabulation was originally created, at a data user's request, from the Census 2000 long form for voting rights analysis. This special tabulation was created down to the block-group level of geography. At the request of the Department of Justice after the 2010 Census, beginning in February of 2011, CVAP tables were produced annually from each year's most recent 5-year ACS data. The Post-2020 Census CVAP Special Tabulation, based on the 2020 Census, administrative records data, and other possible census data, will replace the CVAP tables based on the American Community Survey that would have been released in February 2021 from the 2015-2019 ACS data. No decisions have been made regarding the future of the CVAP tables from the ACS beyond 2021.

Post-2020 CENSUS CVAP SPECIAL TABULATION
The methodology regarding the Post-2020 Census CVAP Special Tabulation's creation is still under development. This document will be updated with additional information, as warranted, when future decisions surrounding this dataset are finalized. The purpose of this document is to provide transparency on those aspects of this planned dataset that are currently known.

This will be a special tabulation, providing data on citizen voting age population by race and ethnicity, prepared from the 2020 Census and other sources of data. The race and ethnicity data will come from the 2020 Census questionnaire, as processed into the 2020 Census Edited File.

The citizenship status will be determined using statistical methodologies, still under development, and record linkages to a variety of administrative records. The expected federal administrative records[1] being evaluated for possible use are from the Social Security Administration, Internal Revenue Service, Centers for Medicare and Medicaid Services, Department of Housing and Urban Development, Department of Homeland Security, Department of State, Indian Health Services, Department of Justice, and the Bureau of Justice Statistics. In addition some state administrative records, when available, may be used. These state records include Temporary Assistance for Needy Families (TANF), Supplemental Nutrition Assistance Program (SNAP), Supplemental Nutrition Program for Women, Infants and Children (WIC), Low-Income Home Energy Assistance Program, and State Driver's Licenses. All administrative data are protected by the confidentiality requirements of Title 13 U.S. Code. They cannot be shared in identifiable form with any other government agency or the public.

The Census Bureau assures the confidentiality of the underlying micro-data by applying the same state-of-the-art differentially private disclosure avoidance algorithms implemented for 2020 Census

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[1] At the time this document was issued not all of the agreements between the Census Bureau and the agencies listed have been finalized, specifically not with the Bureau of Justice Statistics.

publications to the CVAP tables at all levels of geography. The privacy-loss budget for the 2020 CVAP will be included in the total privacy-loss budget allowed for the 2020 Census.

CONTENT

The data tables will display the estimated resident United States (50 states and the District of Columbia) voting-age citizen population for the following race and ethnicity classifications:

Total:
Hispanic or Latino
Not Hispanic or Latino:
White alone
Black or African American alone
American Indian and Alaska Native alone
Asian alone
Native Hawaiian and Other Pacific Islander alone
Some Other Race alone
Black or African American and White
American Indian and Alaska Native and White
Asian and White
American Indian and Alaska Native and Black or African American
Remainder of Two or More Race Responses

These categories are, by design, fully compatible with table P4 in the 2020 Census PL94-171 redistricting data product.

GEOGRAPHY

The 2020 CVAP data will be tabulated and published for a subset of geographies, including blocks, from the 2020 Census P.L. 94-171 redistricting data product specification. These geographies are:

Nation (summary level 010)
State (summary level 040)[2]
Congressional District (summary level 500, based on boundaries for the 116th Congress)
State Legislative District, Upper Chamber (summary level 610, based on the boundaries for the 2018 election)
State Legislative District, Lower Chamber (summary level 620, based on the boundaries for the 2018 election)
County (summary level 160)
Minor Civil Division (MCD) (summary level 060, for the 12 strong MCD states: CT, MA, ME, MI, MN, NH, NJ, NY, PA, RI, VT, and WI)
Tract (summary level 140)

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[2] State includes the District of Columbia

Block Group (summary level 150)
Block (summary level 750 in the redistricting data and summary level 100 in the Demographic Housing and Characteristic file)

FORMAT
The tables will be made available in two formats: .SAS data sets and .CSV (comma-separated values) format. SAS is a statistical analysis software package, and CSV files can be read into a large number of software programs such as Excel or Access. Note that in the CSV files, the variable name will be the first row in the file. The tables for each of these geographies, except for Nation and State[3], will be organized into individual state subdirectories. The Nation and State tables will be in the main directory which will contain those state subdirectories.

Each file will contain the following variables:
- GEONAME: The name of the geographic area, like "United States", "New Hampshire", or "Houghton County, Michigan"
- GEOID: This is the identification number of the geographic area for this line:

TABLE	GEOID format
Nation	01000US
State	04000USss, where ss = two-digit state FIPS code
CD	50000USssdd, where ss = two-digit state FIPS code and dd = the two-digit district number
SLDU	61000USssddd, where ss = two-digit state FIPS code and ddd = the three-digit district number
SLDL	62000USssddd, where ss = two-digit state FIPS code and ddd = the three-digit district number
County	05000USssccc, where ss = two-digit state FIPS code and ccc = three-digit county FIPS code
Place	16000USssppppp, where ss = two-digit state FIPS code and ppppp = five-digit place FIPS code
MCD	06000USsscccmmmmm, where ss = two-digit state FIPS code, ccc = three-digit county FIPS code, and mmmmm = five-digit MCD FIPS code. NOTE: While it is rare, an MCD can be in two counties in a state. To get the whole MCD, you must add together the parts of the MCD that are in each county.
Tract	14000USssccctttttt, where ss = two-digit state FIPS code, ccc = three-digit county FIPS code, and tttttt = six-digit tract code
BlockGr	15000USsscccttttttb, where ss = two-digit state FIPS code, ccc = three-digit county FIPS code, tttttt = six-digit tract group code, and b = one-digit block group code
Block	75000USsscccttttttbbbb, where ss = two-digit state FIPS code, ccc = three-digit county FIPS code, tttttt = six-digit tract group code, and bbbb = four-digit block code

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[3] State includes the District of Columbia

- LNTITLE: The description of the line, such as "Not Hispanic or Latino" or "Asian and White". Note that the race groups are all under "Not Hispanic or Latino" meaning they only include people who are not Hispanic or Latino, so "Asian and White" includes only non-Hispanic Asians and Whites.
- LNNUMBER: This is the number for the race or ethnicity category in the table.

LNTITLE	LNNUMBER
Total:	1
Hispanic or Latino	2
Not Hispanic or Latino:	3
White alone	4
Black or African American alone	5
American Indian and Alaska Native alone	6
Asian alone	7
Native Hawaiian and Other Pacific Islander alone	8
Some Other Race alone	9
Black or African American and White	10
American Indian and Alaska Native and White	11
Asian and White	12
American Indian and Alaska Native and Black or African American	13
Remainder of Two or More Race Responses	14

- CVAP_EST: The rounded estimate of the total number of United States citizens 18 years of age or older for that geographic area and group.

EXAMPLE CONGRESSIONAL DISTRICT TABLE:

GEONAME	GEOID	LNTITLE	LNNUMBER	CVAP_EST
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	Total	1	530645
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	Not Hispanic or Latino	3	519675
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	American Indian or Alaska Native Alone	6	5430
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	Asian Alone	7	5240
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	Black or African American Alone	5	140210
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	Native Hawaiian or Other Pacific Islander Alone	8	110
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	Some Other Race alone	9	50
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	White Alone	4	362700
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	American Indian or Alaska Native and White	11	2985
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	Asian and White	12	950
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	Black or African American and White	10	1125
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	American Indian or Alaska Native and Black or African American	13	465
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	Remainder of Two or More Race Responses	14	460
Congressional District 1 (116th Congress), <STATE NAME>	50000US0101	Hispanic or Latino	2	10970
Congressional District 2 (116th Congress), <STATE NAME>	50000US0102	Total	1	515205
Congressional District 2 (116th Congress), <STATE NAME>	50000US0102	Not Hispanic or Latino	3	505405
(continued through all of the geographies for that table's geographic type)				