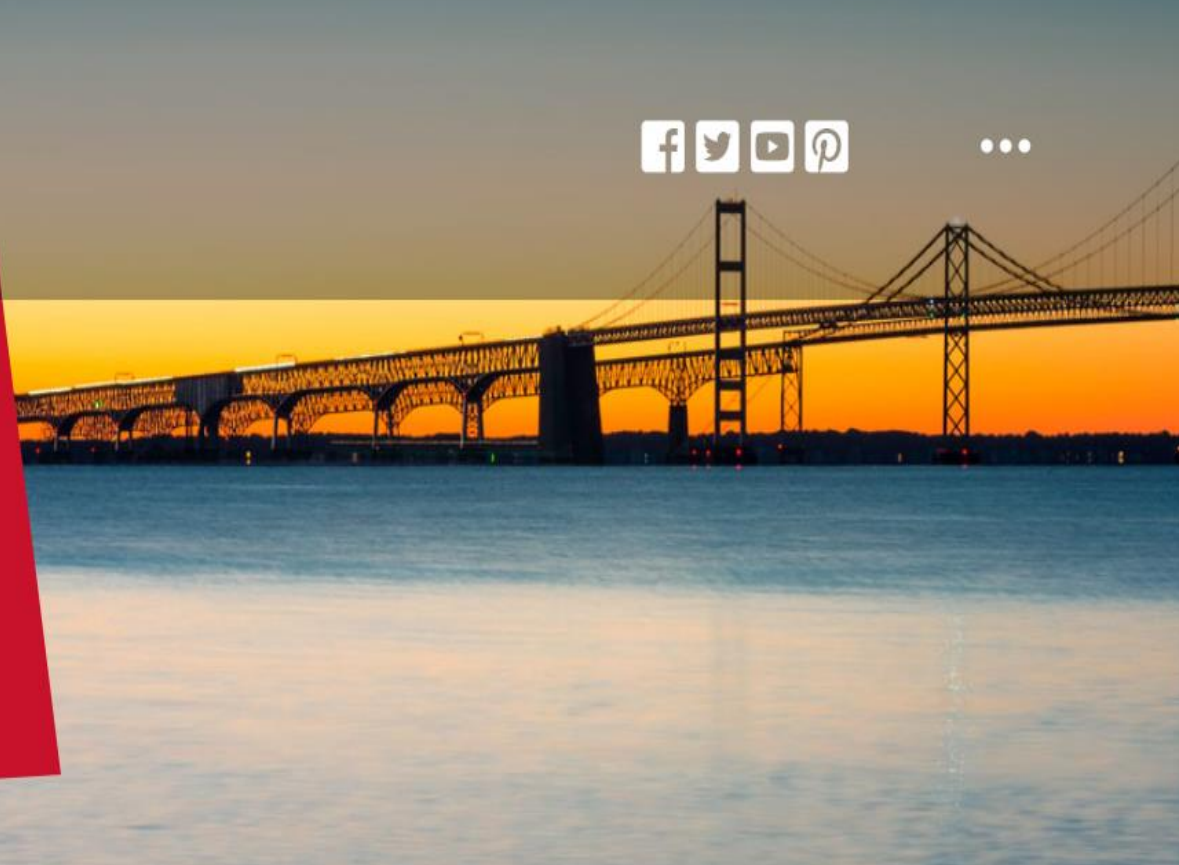




DEPARTMENT OF PLANNING  
**Maryland State Data Center**



## 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](#)

# MARYLAND STATE DATA CENTER USES FEDERAL STATISTICAL SOURCES:

- U.S. Census Bureau
- U.S. Bureau of Economic Analysis
- U.S. Bureau of Labor Statistics
- U.S. Internal Revenue Service

# WHERE TO FIND INFORMATION ON DEMOGRAPHIC AND SOCIOECONOMIC CHARACTERISTICS

- Decennial Census
- Census Estimates
- American Community Survey

## **Census** (Decennial)

- Enumeration of the resident population
- Produced Every Ten Years
- Statistics
  - Population
  - Age
  - Sex
  - Race/Ethnicity
  - Households and Families
  - Group Quarters
  - Housing
- Short Form Questionnaire entire population. Long Form Questionnaire sample of population (not used since 2000)
- Apportionment.
- PL 94-171 statistics, released September 30<sup>th</sup>, used for redistricting. Data available at the smallest geography.

## **Population and Housing Unit Estimates** (PEP)

- Administrative Records based on
  - Births
  - Deaths
  - Migration
- Released Annually
- Covers three main geographies
  - States
  - Counties
  - Municipalities
- Statistics
  - Population
  - Age
  - Sex
  - Race/Ethnicity
  - Natural Increase
  - Net Migration
- **Preferred Statistic for Intercensal population numbers**

## **American Community Survey** (ACS)

- Survey of a representative sample of the population conducted every three months
- Released Annually
  - One-year Estimates
  - Five-year Estimates
- Comes with a Margin of Error
- Covers all Geographies except blocks.
- Statistics
  - Demographic
  - Economic
  - Housing
  - Social
- **Preferred Statistic for socioeconomic characteristics.**

# WHAT IS THE CENSUS?

- Specified in the U.S. Constitution Article 1 Section 2
- Census: an official accounting of the population.
- Data collection once every 10 years
- Three options for questionnaire response: Phone, Mail, Internet
- Census-takers follow-up with nonrespondents
- Questions ask about Age, Sex, Race, Ethnicity, Homeownership (rent or own), and Relationships (family or nonfamily)

# WHAT 2020 CENSUS INFORMATION IS AVAILABLE VIA MARYLAND SDC

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

- Tables and census geographies for census blocks, block groups, tracts, municipalities and counties are available at:  
[https://planning.maryland.gov/MSDC/Pages/census/Census2020/pL\\_2020restricting.aspx](https://planning.maryland.gov/MSDC/Pages/census/Census2020/pL_2020restricting.aspx)
- Excel files with Population and Housing Unit Summaries available at:  
[https://planning.maryland.gov/MSDC/Pages/census/Census2020/2020-pop\\_hu-summary.aspx](https://planning.maryland.gov/MSDC/Pages/census/Census2020/2020-pop_hu-summary.aspx)
- *Explore Census Data*” at:  
[Census 2020 P.L. 94-171 Data \(maryland.gov\)](https://www.maryland.gov/census2020/Pages/94-171-Data.aspx)

# WHAT 2020 CENSUS DATA IS AVAILABLE... NOW, LATER

- Now - published August 12<sup>th</sup>: **Redistricting Data File (Sep. 16<sup>th</sup>)**
  - 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 2023: **Demographic & Housing Characteristics (DHC)**

<ul style="list-style-type: none"> <li>▪ Detailed Population Characteristics:               <ul style="list-style-type: none"> <li>▪ age,</li> <li>▪ <i>race</i>,</li> <li>▪ <i>sex</i>,</li> <li>▪ <i>Hispanic or Latino Origin</i>,</li> <li>▪ <i>Relationships among persons living in a Household</i></li> <li>▪ <i>Relationships among family members</i></li> <li>▪ <i>Group Quarters</i></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Detailed Housing Characteristics               <ul style="list-style-type: none"> <li>▪ <i>occupancy</i></li> <li>▪ <i>vacancy</i></li> <li>▪ <i>tenure (own or rent)</i></li> </ul> </li> </ul>
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# The Population Estimates Program

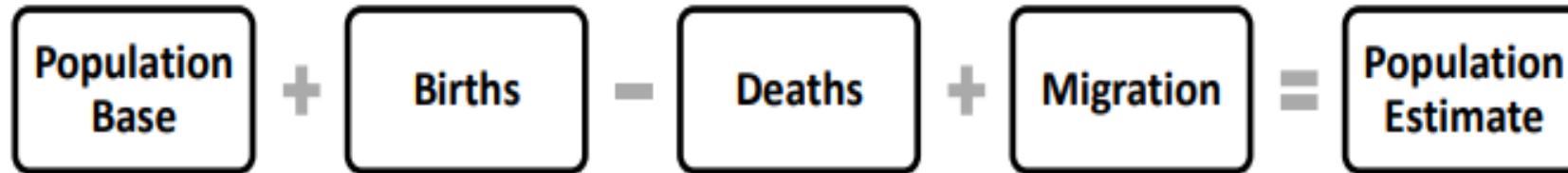
***The Population Estimates Program disseminates official measures of population and housing units between decennial censuses.***

- Mandated by federal law, the estimates, along with other Census programs (such as the ACS), inform over **\$675 billion** of Federal government spending each year.
  - Recently, the estimates were used to distribute over \$100 billion to states and cities for the 2020 CARES Act.
- Cover **basic population and housing topics** supporting:
  - The ACS and other federal surveys (population controls and denominators)
  - Academic and business research
  - Program planning in the public and private sectors
- Current estimates for July 1, 2020
- Estimates extend back to 1900
- Released annually for over 80,000 areas in the United States and Puerto Rico

The screenshot shows the U.S. Census Bureau's website for Population and Housing Unit Estimates. The page features a navigation bar with options like 'EXPLORE DATA', 'LIBRARY', and 'SURVEYS/PROGRAMS'. The main content area includes a search bar, a navigation menu on the left, and a central section titled 'Population and Housing Unit Estimates'. This section contains a brief description of the program, a 'Read More' link, and three interactive icons: 'Vintage 2019 Tables', 'Demographic Analysis', and 'Release Schedule'. Below this is a 'News' section with three recent press releases, including one dated July 1, 2020, about the release of 2020 estimates. On the right side, there is a small map of the United States and a 'COMPONENTS OF POPULATION CHANGE' chart showing trends for the U.S. population.



# POPULATION ESTIMATES: COMPONENTS OF CHANGE



- The Components of change are primarily based on administrative records:
- Births and Deaths from Vital Statistics
- Net Domestic Migration from IRS data as well as information from Social Security and Medicare
- International Migration from American Community Survey data on Year of Entry

# WHAT POPULATION ESTIMATES INFORMATION IS AVAILABLE VIA MARYLAND SDC

Easy-to-view online reports and views for states, counties, and municipalities

- Population Estimates available for 2020 forward, as well as the 2010 vintage, 2000 vintage and the 1990 vintage.
- PDF and Excel data available at:  
[https://planning.maryland.gov/MSDC/Pages/s2\\_estimate.aspx](https://planning.maryland.gov/MSDC/Pages/s2_estimate.aspx)
- Explore Census Bureau's Population Estimates Program at  
[Population and Housing Unit Estimates \(census.gov\)](https://www.census.gov/popest/)

# WHAT POPULATION ESTIMATES DATA IS AVAILABLE... NOW, LATER

- Now - published June 2021 **Estimates for Maryland's Jurisdictions (4/2022)**
  - 2020 Base Population
  - Births / Deaths/ Natural Change
  - Domestic Migration/ International Migration
  - Geography restricted to states, counties, and places.
  
- Later - 2022: **Estimates by County for Age, Sex, Race, Hispanic Origin (7/2022)**

# WHAT IS THE AMERICAN COMMUNITY SURVEY?

- The American Community Survey (ACS) replaced the Census Bureau's Long Form Questionnaire.
- Every year, the Census Bureau contacts over 3.5 million households across the country to participate in the ACS Data collection.
- 12 months of surveys are summarized and released in the 1-year ACS Estimates and 60 months of surveys are summarized in the 5-year ACS Estimates.

Table 3.1. Distinguishing Features of ACS 1-Year, 1-Year Supplemental, 3-Year, and 5-Year Estimates

1-Year Estimates	1-Year Supplemental Estimates	3-Year Estimates <sup>1</sup>	5-Year Estimates
12 months of collected data Example: 2015 ACS 1-year estimates Dates collected: January 1, 2015, to December 31, 2015	12 months of collected data Example: 2015 ACS 1-year Supplemental Estimates Dates collected: January 1, 2015, to December 31, 2015	36 months of collected data Example: 2011-2013 ACS 3-year estimates Dates collected: January 1, 2011, to December 31, 2013	60 months of collected data Example: 2011-2015 ACS 5-year estimates Dates collected: January 1, 2011, to December 31, 2015
Data for areas with populations of 65,000 and more	Data for areas with populations of 20,000 and more	Data for areas with populations of 20,000 and more	Data for all areas
Smallest sample size	Smallest sample size	Larger sample size than 1-year	Largest sample size
Less reliable than 3-year or 5-year	Less reliable than 5-year	More reliable than 1-year; less reliable than 5-year	Most reliable
Most current	Most current	Less current than 1-year; more current than 5-year	Least current
Annually released: 2005 ACS 1-year data to present	Annually released: 2014 ACS 1-year data to present	Annually released: 2005-2007 ACS 3-year data to 2011-2013 ACS 3-year data	Annually released: 2005-2009 ACS 5-year data to present
<b>Best used when</b>	<b>Best used when</b>	<b>Best used when</b>	<b>Best used when</b>
Currency is more important than precision Analyzing large populations	Currency is more important than precision Analyzing smaller populations Examining smaller geographic areas because the standard 1-year estimates are not available	More precise than 1-year, spans fewer years than 5-year Analyzing smaller populations Examining smaller geographic areas because the standard 1-year estimates are not available	Precision is more important than currency Analyzing very small populations Examining tracts and other small geographic areas because 1-year estimates are not available

<sup>1</sup> ACS 3-year estimates have been discontinued. The 2005-2007, 2006-2008, 2007-2009, 2008-2010, 2009-2011, 2010-2012, and 2011-2013 ACS 3-year estimates will remain available to data users, but no new 3-year estimates will be produced. Every community in the nation will continue to receive a detailed statistical portrait of its social, economic, housing, and demographic characteristics through 1-year and 5-year ACS products.

# AMERICAN COMMUNITY SURVEY

## 1-Year Estimates

12 months of collected data

2019 latest data available

Data for areas with populations 65,000+

Small Sample Size

Less Reliable

Most Current

## 5-Year Estimates

60-months of collected data

2016-2020 latest data available

Data for all geographies

Large Sample Size

Most Reliable

Least Current





# ACS Content Overview

POPULATION		HOUSING (DP04)
<b>SOCIAL (DP02)</b> Ancestry Citizenship Citizen Voting Age Population Disability Educational Attainment Fertility Grandparents Language Marital Status Migration School Enrollment Veterans	<b>DEMOGRAPHIC (DP05)</b> Age Hispanic Origin Race Relationship Sex  <b>ECONOMIC (DP03)</b> Class of Worker Commuting Employment Status Food Stamps (SNAP) Health Insurance Hours/Week, Weeks/Year Income Industry & Occupation	Computer & Internet Use Costs (Mortgage, Taxes, Insurance) Heating Fuel Home Value Occupancy Plumbing/Kitchen Facilities Structure Tenure (Own/Rent) Utilities Vehicles Year Built/ Year Moved In

# HOW TO ACCESS AMERICAN COMMUNITY SURVEY DATA

Census Bureau Website

[data.census.gov](https://data.census.gov)

Maryland State Data Center Website

[planning.maryland.gov/msdc](https://planning.maryland.gov/msdc)

# OTHER DEMOGRAPHIC SOURCES

- [Current Population Survey \(CPS\)](#)
- [Small Area Income and Poverty Estimates \(SAIPE\)](#)
- [Survey of Income and Program Participation \(SIPP\)](#)
- [Microdata Access Data Tool \(MDAT\)](#)
- [LEHD](#)

# LINKS TO

Methodology Population and Housing Unit Estimates

<https://www.census.gov/programs-surveys/popest/technical-documentation/methodology.html>

Methodology American Community Survey

<https://www.census.gov/programs-surveys/acs/library/handbooks/general.html>

Census Academy

<https://www.census.gov/data/academy.html>

# CONTACT

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