

CO-EST2023-ALLDATA: Annual Resident Population Estimates, Estimated Components of Resident Population Change, and Rates of the Components of Resident Population Change for States and Counties: April 1, 2020 to July 1, 2023

File: 7/1/2023 County Population Estimates

Source: U.S. Census Bureau, Population Division

Release date: March 2024

Sort order of observations: Counties within State in FIPS code sort

Data fields (in order of appearance):

<u>VARIABLE</u>	<u>DESCRIPTION</u>
SUMLEV	Geographic summary level
REGION	Census Region code
DIVISION	Census Division code
STATE	State FIPS code
COUNTY	County FIPS code
STNAME	State name
CTYNAME	County name
ESTIMATESBASE2020	4/1/2020 resident total population estimates base
POPESTIMATE2020	7/1/2020 resident total population estimate
POPESTIMATE2021	7/1/2021 resident total population estimate
POPESTIMATE2022	7/1/2022 resident total population estimate
POPESTIMATE2023	7/1/2023 resident total population estimate
NPOPCHG2020	Numeric change in resident total population 4/1/2020 to 7/1/2020
NPOPCHG2021	Numeric change in resident total population 7/1/2020 to 7/1/2021
NPOPCHG2022	Numeric change in resident total population 7/1/2021 to 7/1/2022
NPOPCHG2023	Numeric change in resident total population 7/1/2022 to 7/1/2023
BIRTHS2020	Births in period 4/1/2020 to 6/30/2020
BIRTHS2021	Births in period 7/1/2020 to 6/30/2021
BIRTHS2022	Births in period 7/1/2021 to 6/30/2022
BIRTHS2023	Births in period 7/1/2022 to 6/30/2023
DEATHS2020	Deaths in period 4/1/2020 to 6/30/2020
DEATHS2021	Deaths in period 7/1/2020 to 6/30/2021
DEATHS2022	Deaths in period 7/1/2021 to 6/30/2022
DEATHS2023	Deaths in period 7/1/2022 to 6/30/2023
NATURALCHG2020	Natural change in period 4/1/2020 to 6/30/2020
NATURALCHG2021	Natural change in period 7/1/2020 to 6/30/2021
NATURALCHG2022	Natural change in period 7/1/2021 to 6/30/2022
NATURALCHG2023	Natural change in period 7/1/2022 to 6/30/2023
INTERNATIONALMIG2020	Net international migration in period 4/1/2020 to 6/30/2020
INTERNATIONALMIG2021	Net international migration in period 7/1/2020 to 6/30/2021
INTERNATIONALMIG2022	Net international migration in period 7/1/2021 to 6/30/2022
INTERNATIONALMIG2023	Net international migration in period 7/1/2022 to 6/30/2023
DOMESTICMIG2020	Net domestic migration in period 4/1/2020 to 6/30/2020
DOMESTICMIG2021	Net domestic migration in period 7/1/2020 to 6/30/2021
DOMESTICMIG2022	Net domestic migration in period 7/1/2021 to 6/30/2022
DOMESTICMIG2023	Net domestic migration in period 7/1/2022 to 6/30/2023

NETMIG2020	Net migration in period 4/1/2020 to 6/30/2020
NETMIG2021	Net migration in period 7/1/2020 to 6/30/2021
NETMIG2022	Net migration in period 7/1/2021 to 6/30/2022
NETMIG2023	Net migration in period 7/1/2022 to 6/30/2023
RESIDUAL2020	Residual for period 4/1/2020 to 6/30/2020
RESIDUAL2021	Residual for period 7/1/2020 to 6/30/2021
RESIDUAL2022	Residual for period 7/1/2021 to 6/30/2022
RESIDUAL2023	Residual for period 7/1/2022 to 6/30/2023
GQESTIMATESBASE2020	4/1/2020 Group quarters total population estimates base
GQESTIMATES2020	7/1/2020 Group quarters total population estimate
GQESTIMATES2021	7/1/2021 Group quarters total population estimate
GQESTIMATES2022	7/1/2022 Group quarters total population estimate
GQESTIMATES2023	7/1/2023 Group quarters total population estimate
RBIRTH2021	Birth rate in period 7/1/2020 to 6/30/2021
RBIRTH2022	Birth rate in period 7/1/2021 to 6/30/2022
RBIRTH2023	Birth rate in period 7/1/2022 to 6/30/2023
RDEATH2021	Death rate in period 7/1/2020 to 6/30/2021
RDEATH2022	Death rate in period 7/1/2021 to 6/30/2022
RDEATH2023	Death rate in period 7/1/2022 to 6/30/2023
RNATURALCHG2021	Natural change rate in period 7/1/2020 to 6/30/2021
RNATURALCHG2022	Natural change rate in period 7/1/2021 to 6/30/2022
RNATURALCHG2023	Natural change rate in period 7/1/2022 to 6/30/2023
RINTERNATIONALMIG2021	Net international migration rate in period 7/1/2020 to 6/30/2021
RINTERNATIONALMIG2022	Net international migration rate in period 7/1/2021 to 6/30/2022
RINTERNATIONALMIG2023	Net international migration rate in period 7/1/2022 to 6/30/2023
RDOMESTICMIG2021	Net domestic migration rate in period 7/1/2020 to 6/30/2021
RDOMESTICMIG2022	Net domestic migration rate in period 7/1/2021 to 6/30/2022
RDOMESTICMIG2023	Net domestic migration rate in period 7/1/2022 to 6/30/2023
RNETMIG2021	Net migration rate in period 7/1/2020 to 6/30/2021
RNETMIG2022	Net migration rate in period 7/1/2021 to 6/30/2022
RNETMIG2023	Net migration rate in period 7/1/2022 to 6/30/2023

The key for SUMLEV is as follows:

- 040 = State and/or Statistical Equivalent
- 050 = County and/or Statistical Equivalent

The key for REGION is as follows:

- 1 = Northeast
- 2 = Midwest
- 3 = South
- 4 = West

The key for DIVISION is as follows:

- 1 = New England
- 2 = Middle Atlantic
- 3 = East North Central
- 4 = West North Central
- 5 = South Atlantic
- 6 = East South Central

7 = West South Central
8 = Mountain
9 = Pacific

Note: Vintage 2023 data products are associated with Data Management System projects P-6000042, P-7501659, and P-7527355. The U.S. Census Bureau reviewed these data products for unauthorized disclosure of confidential information and approved the disclosure avoidance practices applied to this release (CBDRB-FY24-0085).

The estimates are developed from a base that incorporates the 2020 Census, Vintage 2020 estimates, and 2020 Demographic Analysis estimates. The estimates add births to, subtract deaths from, and add net migration to the April 1, 2020 base population. For population estimates methodology statements, see <https://www.census.gov/programs-surveys/popest/technical-documentation/methodology.html>.

See Geographic Terms and Definitions at <https://www.census.gov/programs-surveys/popest/guidance-geographies/terms-and-definitions.html> for a list of the states that are included in each region and division. All geographic boundaries for the 2023 population estimates series are as of January 1, 2023.

Total population change includes a residual. This residual represents the change in population that cannot be attributed to any specific demographic component. See Population Estimates Terms and Definitions at <http://www.census.gov/programs-surveys/popest/about/glossary.html>.

Rates for birth, death, natural change, net international migration, net domestic international migration, and net migration components are calculated by taking the component value between July 1 and June 30 for an estimate year (e.g., BIRTHS2022), dividing by the average of the July 1 beginning and ending resident total populations for the estimate year (e.g., POPESTIMATE2021 and POPESTIMATE2022), and then multiplying by one thousand.

Net international migration for the United States includes the international migration of both U.S.-born and non-U.S.-born populations. Specifically, it includes: (a) the net international migration of the non-U.S. born, (b) the net migration of U.S. born to and from the United States, (c) the net migration between the United States and Puerto Rico, and (d) the net movement of the Armed Forces population between the United States and overseas.