

## **Release Notes**

The Vintage 2018 population estimates reflect the following methodological changes since the Vintage 2017 estimates release.

### **Vintage 2018 Net International Migration Estimates**

We updated the foreign-born immigration component to use the 1-year ACS residence one year ago (ROYA) question instead of the proxy universe to estimate state totals. We continue to use proxy universes to distribute state-level demographic characteristics. This update incorporates more recent migration trends and increases annual variability in the foreign-born immigration time series for states and counties.

We updated the foreign-born emigration component to use Hispanic life tables to estimate mortality for all foreign born. This update increases survivorship of the foreign born, which results in higher emigration levels each year.

We updated the net Puerto Rico-United States migration component to use Bureau of Transportation Statistics Airline Passenger Traffic data, combined with 2017 1-year ACS and PRCS data, in order to account for the impact of Hurricane Maria on migration flows during the July 2017 - June 2018 estimates period. We continue to use 1-year ACS and PRCS data for all other years. This update increases net migration into the United States between 2017 and 2018. For more details, see the companion methodology for the Nation, States, Counties, and Puerto Rico Population published with the Vintage 2018 release.

### **Vintage 2018 Domestic Migration Estimates**

Medicare data were not made available to the Census Bureau for this vintage year. The prior years' Medicare-based net domestic migration rate, and the Medicare-based out rates and in proportions (by characteristics), were held constant for this vintage year.

### **Vintage 2018 Birth Estimates**

In prior vintages, due to the availability of data from the National Center for Health Statistics (NCHS), birth estimates had a two year lag. In calendar year 2016, NCHS slightly modified their method for imputing race in the 1977 OMB categories. To maintain a consistent time series in the estimates, the Vintage 2018 birth estimates have a three year lag. More details about the procedures used to estimate births, see the companion methodology for the Nation, States, Counties, and Puerto Rico Population published with the Vintage 2018 release.