## Methodology for Calculating FY 2020 Medians

## Overview

HUD calculates median family incomes as the basis of its income limits that are used to determine eligibility for various HUD programs. Medians are not directly used in HUD programs and are calculated at the family level only, not the per person level as is done for income limits. The average family size is over 3, so, by convention, HUD equates the median family income for an area with a four-person family for the purposes of calculating income limits.

HUD uses the Section 8 program's Fair Market Rent (FMR) area definitions for its median family incomes, which means that medians are developed for each metropolitan area, parts of some metropolitan areas, and each non-metropolitan county. For FY 2020, there are no changes to the geographic area definitions used last year. There is, however one fewer record in the EXCEL files because Bedford city in VA is no longer separately incorporated and is now part of Bedford County, VA. It remains part of the Lynchburg, VA MSA but is no longer listed separately as a Virginia city.

HUD uses median family income data (as opposed to median household income data) from the American Community Survey (ACS) for all areas in the United States. For Puerto Rico an annual survey is also conducted and is called the Puerto Rico Community Survey (PRCS). The FY2020 median incomes use survey data from the 2017 ACS and PRCS. The 2017 data are inflated using a Consumer Price Index (CPI) forecast from the Congressional Budget Office (CBO) through the midpoint of FY 2020. Island areas (Guam, American Samoa, Northern Marianna Islands, and the Virgin Islands) use income data from a census conducted in 2010 of the previous year's (2009) income data, augmented by the change in the national median family incomes between 2009 and 2017 (from the ACS). The same CBO forecast is then applied from mid-2017 to the mid-point of the fiscal year, April 2020.

## ACS Data and its Use in the Production of Median Family Incomes

As mentioned above, the FY 2020 median family incomes incorporate the 2017 ACS data into the calculation process. Specifically, for each metropolitan area, subarea of a metropolitan area, and nonmetropolitan county, HUD determines if a statistically valid one-year ACS income estimate is available. If one-year data is not available, then statistically valid five-year ACS data (data collected from 2013 through 2017 is used. There are cases where statistically valid five-year ACS data is not available. In those cases, an average of at least two of the past three years of income estimates is used. If at least two years of statistically valid income data are not available, the one-year state nonmetro median is used ${ }^{1}$.

[^0]
## Statistically Valid Estimate

For the FY 2020 median incomes, HUD requires that the margin of error be less than half of the estimate and that the survey median is based on at least 100 responses (as identified by a count indicator value of 4 or more in HUD's special tabulations of ACS data). If the current year estimate does not meet both conditions, the previous years' estimates must meet the margin of error condition to be used in averaging. In the few cases where the statistical confidence interval for the 5-year ACS estimate of median family income is greater than half the estimate for more than one of the three years used in averaging (the current year and the two previous years), HUD assigns the state nonmetropolitan median.

## CPI Inflation and Trend Factor

HUD uses a CPI forecast from CBO to inflate the 2017 ACS data to the mid-point of FY 2020. The CBO projection of fiscal year CPI, published in January 2020, is used to inflate the 2017 data.

HUD is considering a change that would replace the CBO forecast with the economic forecast of the Office of Management and Budget (OMB), beginning with the calculation of the FY 2021 Medians. This OMB forecast would match the economic assumptions used in the calculation of HUD median family income estimates with assumptions used in the formulation of the Administration's Budget. HUD has not used OMB forecasts previously because they have not been available for public release.

## Median Calculations

Median family incomes start with the development of median family incomes for the nation (with national metropolitan and nonmetropolitan median incomes), for each state and territory (again including national metropolitan and nonmetropolitan median family incomes), and for each metropolitan area and nonmetropolitan area using the FMR area definitions for the United States and its territories. The major steps for calculating medians ${ }^{2}$ are detailed below:

HUD uses 2017 ACS or PRCS median family incomes as the basis for FY 2020 medians for all areas designated as Fair Market Rent areas in the US and Puerto Rico. In areas where there is a statistically valid survey estimate using 2017 one-year ACS or PRCS data, that is used. If not, statistically valid 2017 five-year data is used. Where statistically valid five-year data is not available, HUD will average the valid income estimates from the current (where there is valid margin of error of the estimate) and two previous years of ACS or PRCS data or for two of these three years.

The 2016 five-year data and the 2015 five-year data are considered valid if the margin of error of the estimate is less than one-half of the estimate. These are inflated to 2017 using the change in national CPI calculated between 2015 or 2016 and 2017.

Metropolitan subareas, HUD Metro FMR Areas (HMFAs), do not use averaged data from the current and two previous years (adjusted to the current year) if the five-year data is not statistically valid. These subareas use the 2017 ACS data for the larger metropolitan area.

[^1]For all places in the US and Puerto Rico:
All estimates (using either one-year data or five-year data) are then trended from 2017 to April 2020using the CPI forecast produced by CBO.

For the non-Puerto Rico Insular Areas of the United States, ${ }^{3}$ which currently lack the annual survey of ACS or PRCS, 2010 Decennial Census data were used for the first time in the FY 2016 median family incomes and income limits. This continues to be the basis of the FY 2020 median family incomes and income limits. National ACS median family income changes are used to update 2010 Decennial Census data (which is 2009 median family income data) to 2017 and then the same CPI forecast trend factor is applied to bring the data forward to the midpoint of FY 2020.

Attachment 1 shows the distribution of changes in median family incomes between FY 2019 and FY 2020 for each state and the United States, overall. The distribution of changes is also shown separately for metropolitan and nonmetropolitan portions of each state and the United States.

Attachment 2 shows the metropolitan and nonmetropolitan median family incomes for each state and for the United States.

[^2]
## ATTACHMENT 1

FY 2019-2020 Distribution of changes in Median Family Incomes (100 Percent = FY 2019 Income Level)

| STATE | FY2020 Median Family Income as a Percent of FY2019 Median Family Income |  |  |  |  |  |  |  |  |  |  | Median |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | less than 80\% |  |  | $90 \%$ to $94.9 \%$ | 95 to 99.9 | $\left.\begin{gathered} 100 \% \\ \text { to } \\ 105 \% \end{gathered} \right\rvert\,$ | $\begin{array}{\|c\|} \hline 105.1 \% \\ \text { to } \\ 110 \% \end{array}$ | $\begin{gathered} 110.1 \% \\ \text { to } \\ 115 \% \end{gathered}$ | 115.1\% to 120\% | $\begin{aligned} & 120.1 \% \\ & \text { to } 125 \end{aligned}$ | $\begin{gathered} 125.1 \% \\ \text { or } \\ \text { more } \end{gathered}$ |  |
|  |  |  |  |  | 1 | 4 | 2 |  |  |  |  | 104 |
| AK |  |  |  | 2 | 4 | 17 | 5 |  |  |  |  | 102 |
| AL |  |  |  |  | 8 | 26 | 13 | 5 | 1 |  | 1 | 104 |
| AR |  |  |  |  | 8 | 39 | 14 | 3 | 2 |  |  | 104 |
| AZ |  |  |  | 1 | 3 | 5 | 2 | 2 |  | 1 |  | 103 |
| CA |  |  |  | 2 | 3 | 18 | 18 | 6 | 2 |  | 2 | 107 |
| CO |  |  |  | 1 | 10 | 26 | 14 | 1 | 2 | 1 |  | 103 |
| CT |  |  |  |  | 4 | 6 | 2 |  |  |  |  | 101 |
| DE |  |  |  |  |  | 2 |  |  |  |  |  | 104 |
| FL |  |  | 2 | 3 | 5 | 20 | 18 | 3 |  |  | 1 | 105 |
| GA |  |  |  | 5 | 16 | 51 | 23 | 9 | 3 | 2 | 1 | 104 |
| GU |  |  |  |  |  | 1 |  |  |  |  |  | 104 |
| HI |  |  |  |  |  | 1 | 1 | 1 | 1 |  |  | 110 |
| IA |  |  |  |  | 7 | 60 | 21 | 1 | 1 |  |  | 104 |
| ID |  |  |  | 1 | 5 | 22 | 6 | 1 | 2 | 1 | 1 | 103 |
| IL |  |  |  | 2 | 7 | 52 | 16 | 4 |  |  |  | 103 |
| IN |  |  |  | 2 | 5 | 39 | 17 | 4 | 1 |  |  | 104 |
| KS |  | 1 |  |  | 20 | 49 | 16 | 5 |  |  |  | 103 |
| KY |  |  |  | 3 | 14 | 43 | 22 | 10 |  | 1 | 1 | 104 |
| LA |  | 1 |  |  | 11 | 22 | 5 | 4 |  | 1 |  | 102 |
| MA |  |  |  | 1 | 3 | 6 | 3 | 1 |  |  |  | 101 |
| MD |  |  |  |  | 1 | 8 | 5 |  |  |  |  | 104 |
| ME |  |  |  |  | 1 | 9 | 7 | 1 |  | 1 |  | 105 |
| MI |  |  | 1 | 1 | 5 | 48 | 18 | 2 |  |  |  | 104 |
| MN |  |  |  | 1 | 5 | 51 | 13 |  |  |  |  | 103 |
| MO |  |  |  |  | 8 | 61 | 24 | 4 |  |  |  | 104 |
| MS | 1 |  | 1 | 3 | 6 | 30 | 23 | 5 | 2 | 1 |  | 105 |
| MT |  |  |  | 1 | 13 | 25 | 11 | 4 | 1 |  |  | 104 |
| NC |  |  |  | 1 | 9 | 38 | 23 | 9 | 2 |  |  | 104 |
| ND |  |  |  | 2 | 5 | 24 | 17 | 2 | 1 |  | 1 | 104 |
| NE |  |  |  | 2 | 6 | 51 | 28 |  | 1 |  |  | 104 |
| NH |  |  |  | 1 | 1 | 5 | 2 | 1 |  |  |  | 105 |
| NJ |  |  |  |  |  | 3 | 1 |  |  |  |  | 104 |
| NM |  | 1 |  | 1 | 7 | 16 | 3 | 2 |  |  |  | 102 |
| NV |  |  |  |  | 1 | 8 | 5 | 1 |  | 1 |  | 105 |
| NY |  |  |  | 1 | 3 | 33 | 9 | 1 |  |  |  | 102 |
| OH |  |  |  | 1 | 5 | 42 | 15 | 3 | 2 |  |  | 103 |
| OK |  | 1 |  | 3 | 12 | 39 | 10 |  | 2 |  |  | 102 |
| OR |  |  |  | 1 | 6 | 13 | 7 | 3 | 1 |  |  | 104 |
| PA |  |  |  |  | 5 | 34 | 10 | 2 |  |  |  | 103 |
| PR | 1 | 1 | 4 | 2 | 1 | 2 | 2 | 1 |  |  |  | 91 |
| RI |  |  |  |  | 1 | 3 | 2 |  |  |  |  | 105 |
| SC |  | 1 |  | 2 | 7 | 12 | 11 | 3 |  |  |  | 104 |
| SD |  |  | 3 | 1 | 11 | 29 | 12 | 1 | 1 | 3 |  | 103 |
| TN |  |  |  |  | 11 | 36 | 23 | 4 | 1 |  |  | 104 |
| TX | 1 | 1 | 2 | 7 | 23 | 106 | 47 | 18 | 6 | 1 | 3 | 104 |
| UT |  |  |  |  | 1 | 12 | 8 | 4 | 1 |  |  | 105 |
| VA |  |  | 1 |  | 4 | 39 | 12 | 7 |  |  |  | 104 |
| VI |  |  |  |  |  | 3 |  |  |  |  |  | 104 |
| VT |  |  |  |  | 1 | 11 |  |  |  |  |  | 104 |
| WA |  |  |  | 1 | 3 | 17 | 7 | 3 | 1 |  | 1 | 103 |
| WI |  |  |  |  | 4 | 46 | 11 |  |  | 1 |  | 104 |
| WV |  |  | 2 | 2 | 4 | 28 | 6 | 1 | 1 |  |  | 103 |
| WY |  |  | 1 |  | 2 | 13 | 5 | 1 | 1 |  |  | 104 |
| US | 3 | 7 | 17 | 57 | 306 | 1404 | 595 | 143 | 39 | 15 | 12 | 104 |

## ATTACHMENT 1A

FY 2019-2020 Distribution of changes in Median Family Incomes (100 Percent = FY 2019 Income Level)

Metropolitan Areas

| STATE | FY2020 Median Family Income as a Percent of FY2019 Median Family Income |  |  |  |  |  |  |  |  |  |  | Median |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | less than 80\% |  |  |  | $\begin{gathered} 95 \text { to } \\ 99.9 \end{gathered}$ | $\left\|\begin{array}{c} 100 \% \\ \text { to } \\ 105 \% \end{array}\right\|$ | $\begin{gathered} 105.1 \% \\ \text { to } \\ 110 \% \end{gathered}$ | $\begin{gathered} 110.1 \% \\ \text { to } \\ 115 \% \end{gathered}$ |  | $\left\|\begin{array}{lr} 120.1 \% \\ \text { to } & 125 \end{array}\right\|$ | $125.1 \%$ or more |  |
|  |  |  |  |  |  | 2 | 1 |  |  |  |  | 105 |
| AK |  |  |  | 1 | 1 | 1 |  |  |  |  |  | 99 |
| AL |  |  |  |  | 2 | 7 | 5 | 1 |  |  | 1 | 101 |
| AR |  |  |  |  |  | 7 | 3 |  | 1 |  |  | 104 |
| AZ |  |  |  |  | 3 |  | 2 | 1 |  | 1 |  | 107 |
| CA |  |  |  | 2 | 2 | 8 | 12 | 5 |  |  | 1 | 107 |
| CO |  |  |  | 1 | 1 | 3 | 2 | 1 |  |  |  | 102 |
| Ст |  |  |  |  | 4 | 5 | 2 |  |  |  |  | 101 |
| DE |  |  |  |  |  | 2 |  |  |  |  |  | 104 |
| FL |  |  | 1 |  | 3 | 8 | 14 | 3 |  |  |  | 106 |
| GA |  |  |  | 3 | 5 | 12 | 2 | 2 |  | 1 |  | 104 |
| HI |  |  |  |  |  | 1 |  |  | 1 |  |  | 109 |
| IA |  |  |  |  | 3 | 7 | 1 |  | 1 |  |  | 103 |
| ID |  |  |  |  | 1 | 3 | 2 |  | 1 |  |  | 105 |
| IL |  |  |  | 1 | 2 | 10 | 3 | 3 |  |  |  | 104 |
| IN |  |  |  | 2 | 2 | 11 | 2 | 3 |  |  |  | 104 |
| KS |  | 1 |  |  | 1 | 3 | 1 |  |  |  |  | 101 |
| KY |  |  |  | 1 | 1 | 4 | 3 | 1 |  |  |  | 104 |
| LA |  | 1 |  |  | 3 | 5 | 2 | 3 |  | 1 |  | 101 |
| MA |  |  |  |  | 3 | 5 | 2 | 1 |  |  |  | 102 |
| MD |  |  |  |  | 1 | 5 | 2 |  |  |  |  | 104 |
| ME |  |  |  |  | 1 | 1 | 5 |  |  | 1 |  | 106 |
| MI |  |  |  | 1 | 3 | 9 | 4 | 1 |  |  |  | 102 |
| MN |  |  |  |  |  | 6 | 4 |  |  |  |  | 104 |
| MO |  |  |  |  | 3 | 8 | 4 |  |  |  |  | 103 |
| MS |  |  |  |  |  | 4 | 3 |  |  |  |  | 105 |
| MT |  |  |  |  | 2 |  | 1 | 1 |  |  |  | 102 |
| NC |  |  |  | 1 | 2 | 11 | 10 | 3 | 1 |  |  | 105 |
| ND |  |  |  |  |  | 2 | 2 | 1 |  |  |  | 106 |
| NE |  |  |  |  |  | 5 | 3 |  |  |  |  | 102 |
| NH |  |  |  | 1 |  | 1 | 1 |  |  |  |  | 105 |
| NJ |  |  |  |  |  | 3 | 1 |  |  |  |  | 104 |
| NM |  | 1 |  |  |  | 3 |  |  |  |  |  | 103 |
| NV |  |  |  |  |  | 2 | 1 |  |  |  |  | 104 |
| NY |  |  |  |  | 2 | 15 | 6 |  |  |  |  | 102 |
| OH |  |  |  |  | 1 | 9 | 5 | 2 | 1 |  |  | 105 |
| OK |  |  |  | 1 | 3 | 5 |  |  |  |  |  | 101 |
| OR |  |  |  | 1 | 3 | 2 |  | 1 | 1 |  |  | 100 |
| PA |  |  |  |  | 4 | 11 | 6 |  |  |  |  | 103 |
| PR | 1 | 1 | 3 | 2 | 1 | 2 | 2 | 1 |  |  |  | 91 |
| RI |  |  |  |  | 1 | 3 | 2 |  |  |  |  | 105 |
| SC |  | 1 |  | 2 | 2 | 5 | 6 |  |  |  |  | 104 |
| SD |  |  |  |  | 1 | 2 |  | 1 |  |  |  | 101 |
| TN |  |  |  |  | 3 | 8 | 10 | 1 |  |  |  | 105 |
| TX |  |  | 1 | 2 | 1 | 20 | 9 | 7 |  | 1 | 2 | 104 |
| UT |  |  |  |  |  | 4 | 3 |  |  |  |  | 105 |
| VA |  |  |  |  |  | 14 | 2 | 3 |  |  |  | 105 |
| VT |  |  |  |  | 1 |  |  |  |  |  |  | 98 |
| WA |  |  |  | 1 | 2 | 5 | 4 | 2 | 1 |  |  | 104 |
| WI |  |  |  |  | 2 | 11 | 2 |  |  | 1 |  | 103 |
| WV |  |  | 2 |  | 2 | 5 | 1 |  |  |  |  | 104 |
| WY |  |  |  |  |  | 2 |  |  |  |  |  | 103 |
| US | 1 | 5 | 7 | 23 | 78 | 287 | 158 | 48 | 8 | 6 | 4 | 104 |

## ATTACHMENT 1B

FY 2019-2020 Distribution of changes in Median Family Incomes (100 Percent = FY 2019 Income Level)

Non-metropolitan Areas

| STATE | FY2020 Median Family Income as a Percent of FY2019 Median Family Income |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | less than 80\% |  |  |  |  | $\begin{array}{\|c\|} \hline 100 \% \\ \text { to } \\ 105 \% \end{array}$ | $\begin{gathered} 105.1 \% \\ \text { to } \\ 110 \% \end{gathered}$ | $\begin{array}{\|c\|} \hline 110.1 \% \\ \text { to } \\ 115 \% \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline 115.1 \% \\ \text { to } \\ 120 \% \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline 120.1 \% \\ \text { to } 125 \\ \hline \end{array}$ | $\begin{gathered} 125.1 \% \\ \text { or } \\ \text { more } \\ \hline \end{gathered}$ | Median |
|  |  |  |  |  | 1 | 2 | 1 |  |  |  |  | 104 |
| AK |  |  |  | 1 | 3 | 16 | 5 |  |  |  |  | 102 |
| AL |  |  |  |  | 6 | 19 | 8 | 4 | 1 |  |  | 104 |
| AR |  |  |  |  | 8 | 32 | 11 | 3 | 1 |  |  | 104 |
| AZ |  |  |  | 1 |  | 5 |  | 1 |  |  |  | 103 |
| CA |  |  |  |  | 1 | 10 | 6 | 1 | 2 |  | 1 | 105 |
| CO |  |  |  |  | 9 | 23 | 12 |  | 2 | 1 |  | 103 |
| Ст |  |  |  |  |  | 1 |  |  |  |  |  | 102 |
| FL |  |  | 1 | 3 | 2 | 12 | 4 |  |  |  | 1 | 103 |
| GA |  |  |  | 2 | 11 | 39 | 21 | 7 | 3 | 1 | 1 | 103 |
| GU |  |  |  |  |  | 1 |  |  |  |  |  | 104 |
| HI |  |  |  |  |  |  | 1 | 1 |  |  |  | 110 |
| IA |  |  |  |  | 4 | 53 | 20 | 1 |  |  |  | 104 |
| ID |  |  |  | 1 | 4 | 19 | 4 | 1 | 1 | 1 | 1 | 103 |
| IL |  |  |  | 1 | 5 | 42 | 13 | 1 |  |  |  | 103 |
| IN |  |  |  |  | 3 | 28 | 15 | 1 | 1 |  |  | 104 |
| KS |  |  |  |  | 19 | 46 | 15 | 5 |  |  |  | 103 |
| KY |  |  |  | 2 | 13 | 39 | 19 | 9 |  | 1 | 1 | 104 |
| LA |  |  |  |  | 8 | 17 | 3 | 1 |  |  |  | 102 |
| MA |  |  |  | 1 |  | 1 | 1 |  |  |  |  | 100 |
| MD |  |  |  |  |  | 3 | 3 |  |  |  |  | 106 |
| ME |  |  |  |  |  | 8 | 2 | 1 |  |  |  | 103 |
| MI |  |  | 1 |  | 2 | 39 | 14 | 1 |  |  |  | 104 |
| MN |  |  |  | 1 | 5 | 45 | 9 |  |  |  |  | 103 |
| MO |  |  |  |  | 5 | 53 | 20 | 4 |  |  |  | 104 |
| MS | 1 |  | 1 | 3 | 6 | 26 | 20 | 5 | 2 | 1 |  | 105 |
| MT |  |  |  | 1 | 11 | 25 | 10 | 3 | 1 |  |  | 104 |
| NC |  |  |  |  | 7 | 27 | 13 | 6 | 1 |  |  | 103 |
| ND |  |  |  | 2 | 5 | 22 | 15 | 1 | 1 |  | 1 | 104 |
| NE |  |  |  | 2 | 6 | 46 | 25 |  | 1 |  |  | 104 |
| NH |  |  |  |  | 1 | 4 | 1 | 1 |  |  |  | 105 |
| NM |  |  |  | 1 | 7 | 13 | 3 | 2 |  |  |  | 102 |
| NV |  |  |  |  | 1 | 6 | 4 | 1 |  | 1 |  | 105 |
| NY |  |  |  | 1 | 1 | 18 | 3 | 1 |  |  |  | 103 |
| OH |  |  |  | 1 | 4 | 33 | 10 | 1 | 1 |  |  | 103 |
| OK |  | 1 |  | 2 | 9 | 34 | 10 |  | 2 |  |  | 103 |
| OR |  |  |  |  | 3 | 11 | 7 | 2 |  |  |  | 104 |
| PA |  |  |  |  | 1 | 23 | 4 | 2 |  |  |  | 103 |
| PR |  |  | 1 |  |  |  |  |  |  |  |  | 89 |
| SC |  |  |  |  | 5 | 7 | 5 | 3 |  |  |  | 103 |
| SD |  |  | 3 | 1 | 10 | 27 | 12 |  | 1 | 3 |  | 104 |
| TN |  |  |  |  | 8 | 28 | 13 | 3 | 1 |  |  | 104 |
| TX | 1 | 1 | 1 | 5 | 22 | 86 | 38 | 11 | 6 |  | 1 | 104 |
| UT |  |  |  |  | 1 | 8 | 5 | 4 | 1 |  |  | 106 |
| VA |  |  | 1 |  | 4 | 25 | 10 | 4 |  |  |  | 104 |
| VI |  |  |  |  |  | 3 |  |  |  |  |  | 104 |
| VT |  |  |  |  |  | 11 |  |  |  |  |  | 104 |
| WA |  |  |  |  | 1 | 12 | 3 | 1 |  |  | 1 | 103 |
| WI |  |  |  |  | 2 | 35 | 9 |  |  |  |  | 104 |
| WV |  |  |  | 2 | 2 | 23 | 5 | 1 | 1 |  |  | 103 |
| WY |  |  | 1 |  | 2 | 11 | 5 | 1 | 1 |  |  | 104 |
| US | 2 | 2 | 10 | 34 | 228 | 1117 | 437 | 95 | 31 | 9 | 8 | 104 |

## ATTACHMENT 2 <br> FY 2020 Median Family Incomes for States, Metropolitan and Nonmetropolitan Portions of States

|  |  | FY 2020 | ------- |
| :---: | :---: | :---: | :---: |
|  | TOTAL | METRO | NONMETRO |
| Alabama | 65300 | 69400 | 53600 |
| Alaska | 92200 | 95000 | 86500 |
| Arizona | 72100 | 73500 | 49300 |
| Arkansas | 61000 | 67400 | 52500 |
| California | 87100 | 87500 | 70700 |
| Colorado | 90200 | 93300 | 71000 |
| Connecticut | 99700 | 99400 | 102600 |
| Delaware | 81900 | 81900 | 62300* |
| District of Columbia | 113100 | 113100 | 62300* |
| Florida | 68000 | 68700 | 52800 |
| Georgia | 72200 | 76700 | 54700 |
| Hawaii | 97100 | 100700 | 81600 |
| Idaho | 68200 | 72300 | 60900 |
| Illinois | 84100 | 86700 | 67700 |
| Indiana | 72300 | 75000 | 65300 |
| Iowa | 79700 | 85700 | 72500 |
| Kansas | 76500 | 83400 | 64600 |
| Kentucky | 65400 | 75900 | 53400 |
| Louisiana | 64300 | 66800 | 50100 |
| Maine | 76600 | 84300 | 67300 |
| Maryland | 104500 | 105700 | 72800 |
| Massachusetts | 104900 | 105300 | 85400 |
| Michigan | 74000 | 76800 | 63900 |
| Minnesota | 91800 | 98700 | 72600 |
| Mississippi | 59400 | 67500 | 52700 |
| Missouri | 71500 | 78200 | 56100 |
| Montana | 73300 | 76700 | 71400 |
| Nebraska | 79800 | 85600 | 71600 |
| Nevada | 72500 | 72100 | 75000 |
| New Hampshire | 96700 | 106000 | 85300 |
| New Jersey | 103300 | 103300 | 62300* |
| New Mexico | 61900 | 66200 | 54900 |
| New York | 85100 | 86700 | 67200 |
| North Carolina | 70000 | 74200 | 58100 |
| North Dakota | 86900 | 91000 | 83600 |
| Ohio | 73900 | 76500 | 65100 |
| Oklahoma | 65300 | 69900 | 57200 |
| Oregon | 77700 | 81700 | 61400 |
| Pennsylvania | 80700 | 83400 | 64900 |
| Rhode Island | 89800 | 89800 | 62300* |
| South Carolina | 66300 | 69000 | 52400 |
| South Dakota | 77800 | 82100 | 73100 |
| Tennessee | 66800 | 71600 | 54800 |
| Texas | 74500 | 76300 | 58900 |
| Utah | 82800 | 83900 | 74100 |
| Vermont | 79000 | 89700 | 74600 |
| Virginia | 91600 | 98100 | 60400 |
| Washington | 89800 | 92900 | 67300 |
| West Virginia | 59600 | 63600 | 54900 |
| Wisconsin | 80100 | 83700 | 70800 |
| Wyoming | 79500 | 78600 | 79700 |
| US | 78500 | 81200 | 62300 |

[^3]
[^0]:    ${ }^{1}$ For metropolitan subareas without statistically significant five-year ACS data there is no averaging with past years; the larger metropolitan area is used, which is one-year ACS data.

[^1]:    ${ }^{2}$ Family refers to the Census definition of a family, which is a householder with one or more other persons living in the same household who are related to the householder by birth, marriage, or adoption. The definition of family excludes one-person households and multi-person households of unrelated individuals.

[^2]:    ${ }^{3}$ The areas without ACS coverage are the U.S. Virgin Islands, Guam, American Samoa, and the Northern Marianas Islands. Puerto Rico is covered by the ACS-equivalent Puerto Rico Community Survey.

[^3]:    * US non-metropolitan median

