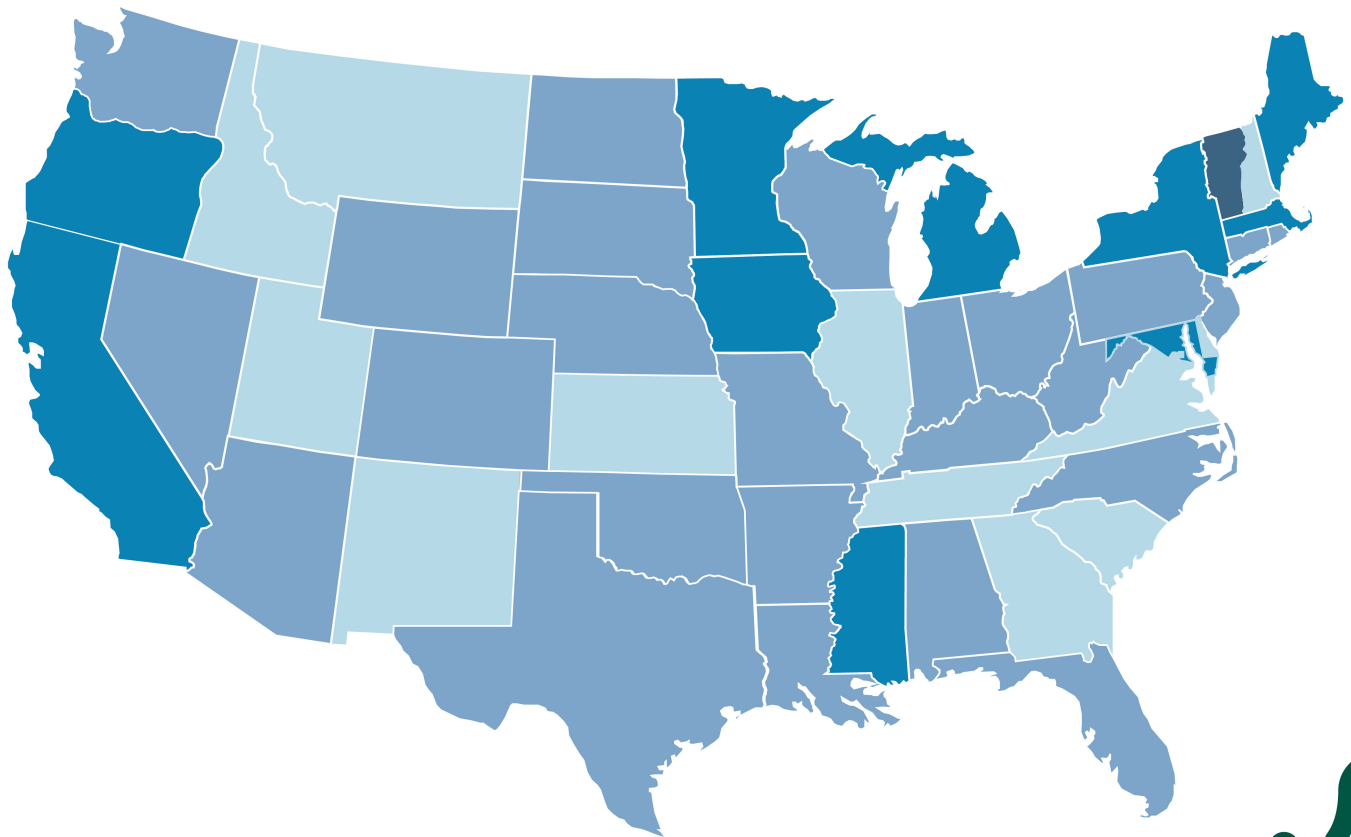




Appendices: National- and State-Level Estimates of WIC Eligibility and WIC Program Reach in 2018 With Updated Estimates for 2016 and 2017



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Authors

**Kelsey Farson Gray and Kevin Meyers Mathieu (Insight Policy Research)
Paul Johnson and Linda Giannarelli (Urban Institute)**

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**USDA Food and Nutrition Service
Contracts Management Division
1320 Braddock Place
Alexandria, VA 22314**

Project Officer

Grant Lovellette

Submitted by

**Insight Policy Research
1901 North Moore Street
Suite 1100
Arlington, VA 22209**

Project Director

Kelsey Farson Gray

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Appendix A. Detailed Tables for National-Level WIC Estimates: CY 2016–CY 2018

The tables in appendix A present detailed information on the 2016–2018 national-level estimates of eligibility for the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) by participant category. Because of changes to the underlying data used to produce estimates of WIC eligibility, the 2016 and 2017 estimates were updated for the 2018 report (see chapter 2 in volume I for more information).

The tables document the assumptions and calculations used to produce the national estimates and provide more detailed breakdowns of the estimates by participant category. Several of the tables include the same information provided in volume I. These tables are repeated to provide a comprehensive record of all methods and estimates used for 2016, 2017, and 2018. Unless otherwise indicated, all the tables that show national data provide information for individuals in the 50 States, the District of Columbia, and Puerto Rico and the other four U.S. territories served by WIC. A description of each table follows. Each table title references the year of estimates the table pertains to after the table number (e.g., Table A.1-2018). If a table covers several years, the years covered are added at the end of the table title (e.g., Table A.4. Breastfeeding Adjustment Factor Calculations for Postpartum Women Eligible for WIC: CY 2016–CY 2018).

Table A.1. Steps, Data Sources, Methods, and Adjustment Factors Used for Estimates of WIC Eligibility

This table summarizes the data sources, methods, and adjustment factors used to estimate WIC eligibility for infants, children, and pregnant and postpartum women. The following data sources were used for the 2016, 2017, and 2018 estimates: (1) Current Population Survey Annual Social and Economic Supplement (CPS-ASEC) data (National Bureau of Economic Research [NBER], n.d.; U.S. Census Bureau, 2019a, 2020); (2) American Community Survey (ACS) and Puerto Rico Community Survey (PRCS) data (The Integrated Public Use Microdata Series-USA [IPUMS-USA], n.d.); (3) U.S. Census Bureau International Data Base (IDB) data (U.S. Census Bureau, n.d.a); and (4) National Vital Statistics data (National Center for Health Statistics, n.d.).¹

Table A.2. Estimated Average Monthly Number of Individuals Eligible for WIC by Participant Category

This table shows the estimated average monthly number of individuals eligible for WIC by participant category in each calendar year and each group as a percentage of the total number eligible. It also provides the total population in each participant category and the eligibility rate, which is defined as the percentage of the total population in each category that is estimated to be eligible for WIC.

Table A.3a. Four-Year Accumulations of U.S. Census Bureau Estimates and CPS-ASEC Estimates for Infants and Children by Year of Age, Race, and Gender

This table provides more detail on the adjustment of sampling weights for infants and children in the CPS-ASEC data (as referenced in the second row of table A.1 (NBER, n.d.; U.S. Census Bureau, 2019a, 2020)). For each year of age (ages 0, 1, 2, 3, and 4) and each of four race and ethnicity groups (non-Hispanic White-only, non-Hispanic Black-only, non-Hispanic other, and Hispanic/Latino), the table shows the 4-year accumulation of U.S. Census Bureau population estimates (U.S. Census Bureau, 2019b); the 4-year accumulation of the March CPS-ASEC total weighted population (NBER, n.d.; U.S. Census Bureau, 2019a, 2020); and the ratio of those two figures. For example, for the 2018 estimates, that ratio was used as the weight adjustment when the direction of the difference between the March 2019 Census Bureau population estimate and the CPS weighted count (see table A.3b) was the same as for the 4-year accumulations presented in table A.3a (i.e., if the Census Bureau figure was

¹ The following terms are used in table A.1 and appear again in this volume; they are defined here for clarity: Supplemental Nutrition Assistance Program (SNAP); Temporary Assistance for Needy Families (TANF).

either greater or smaller in both cases). If the direction of the difference was not the same for a particular group, no weight adjustment was performed (i.e., the weight adjustment factor was 1.0). Table A.3c shows the final results of applying the population adjustment factors (computed based on the information in tables A.3a and A.3b).

Table A.3b. U.S. Census Bureau Estimates and CPS-ASEC Estimates for Infants and Children by Year of Age, Race, and Gender

This table shows the Census Bureau population estimates and CPS weighted population figures by year of age, race, and gender, and the ratio of Census Bureau estimates to CPS figures (U.S. Census Bureau, 2019b; NBER, n.d.; see the description of table A.3a for an explanation of how this information was used in the weight-adjustment process).

Table A.3c. Effects of Applying Population Adjustment Factors to Population Counts for Infants and Children in the CPS-ASEC by Year of Age, Race, and Gender

This table shows the results of applying the population adjustment factors (computed based on the information in tables A.3a and A.3b) to the weights for infants and children in the March CPS-ASEC data.

Table A.4. Breastfeeding Adjustment Factor Calculations for Postpartum Women Eligible for WIC: CY 2005–CY 2018

This table shows information on the computation of postpartum eligibility for breastfeeding and non-breastfeeding mothers. The first three sections of the table show three breastfeeding rates based on National Immunization Survey (NIS) data from the Centers for Disease Control and Prevention (CDC)—the percentage of new mothers breastfeeding their infants in the hospital after giving birth (the percentage ever breastfed), at 6 months postpartum, and at 12 months postpartum—with variations by race and ethnicity.

The next section of the table shows three adjustment factors. The first factor adjusted for the fact that the number of pregnant and postpartum women can differ from the number of infants because of the combined impact of multiple births and infant deaths. The second factor adjusted for the fact that (prior to 2014) the analysis assumed some breastfeeding mothers lost eligibility at the 6-month point because they were no longer income-eligible or adjunctively income-eligible; this factor changed gradually from 0.94 in 2005 to 1.0 for 2014 through 2018. The final factor was used to estimate average monthly breastfeeding rates; that is, the average monthly rate across the first 6 months was assumed to be equal to the mean of the ever-breastfed and 6-month rates multiplied by this factor. This factor, 0.87, was assumed to be constant across the period.

The last section of the table shows the final postpartum adjustment factors produced using the information in the prior portions of the table. For each year, the factors are shown for estimating breastfeeding and non-breastfeeding eligibility for each race and ethnicity group. For example, for Hispanic/Latino women in 2018, the estimated average monthly number of women eligible for WIC as breastfeeding mothers was computed as 0.47 times the estimated number of Hispanic/Latino infants eligible for WIC (see table A.4-2018).

Table A.5. Step-by-Step Adjustments Applied to CPS-ASEC Data to Derive the Average Monthly Number of Individuals Eligible for WIC by Participant Category

This table shows the step-by-step adjustments made from the total number of infants and children to the final numbers of infants, children, and pregnant and postpartum women that were eligible for WIC in the United States in the calendar year; it also shows the total number eligible in Puerto Rico and each of the other four U.S. territories served by WIC. See tables B.7a and B.7b for the step-by-step adjustments made to derive the total number of individuals eligible for WIC in Puerto Rico and each of the other territories, respectively.

Tables A.6a and A.6b. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility

These tables show the estimates of infants and children eligible for WIC by demographic and income characteristics in the March CPS-ASEC. Note that these tables do not include infants and children in Puerto Rico and the other U.S. territories. Tables A.6a1 and A.6a2 show the characteristics of infants and children eligible for WIC in the data as determined by using unadjusted person weights, and tables A.6b1 and A.6b2 show these characteristics as determined by using weights that have been fully adjusted, including adjustments for the CPS undercount/overcount (population adjustment), monthly income and certification periods (annual-to-monthly adjustment), and nutritional risk. A comparison of table A.6a and table A.6b shows the impact of the CPS weight adjustments on the national estimates of infants and children eligible for WIC.

Results are also shown in terms of counts (see tables A.6a1 and A.6b1) and percentages (see tables A.6a2 and A.6b2). For example, A.6b1 shows that with the adjusted weights, 869,000 male infants and 831,000 female infants were eligible for WIC in an average month in 2018; A.6b2 shows that among infants eligible for WIC 51.1 percent were male, and 48.9 percent were female.

Table A.7. Changes in the Total Population, Total WIC Eligibility, and WIC Eligibility Rates by Participant Category: CY 2016–CY 2018

This table shows the changes in the numbers of individuals in the total population and the population eligible for WIC by participant category, and the WIC eligibility rate, between 2016 and 2018.

Table A.8. Stepwise Comparison of Changes in Average Monthly Numbers of Infants and Children Eligible for WIC as Estimated in the March CPS-ASEC: CY 2016–CY 2018

This table shows the step-by-step percentage changes in the numbers of infants and children from 2016 to 2018 (excluding Puerto Rico and the other U.S. territories). For example, it shows that the number of infants and children eligible for WIC through adjunctive income eligibility decreased by 5.8 percent between 2016 and 2018.

Table A.9. Standard Error and Coefficient of Variation for Estimates by Participant Category

This table shows the standard error of the estimate and coefficient of variance for the national estimates of the total population of women, infants, and children and the number of individuals eligible for WIC by participant category.

Table A.1-2018. Steps, Data Sources, Methods, and Adjustment Factors Used for Estimates of WIC Eligibility

Step	Data Source(s)	Methods and Adjustment Factors	
Infants and Children			
Demographic eligibility	■ 2019 CPS-ASEC, National estimates ■ 2018 ACS, State estimates ■ 2018 PRCS, Puerto Rico estimates ■ 2018 IDB, Other island territories estimates	Identify individuals aged 0, 1, 2, 3, and 4 in each survey.	
Weight adjustment	■ National estimates – Postcensal population estimates from Census Bureau and March CPS-ASEC for 2016, 2017, 2018, and 2019 ■ State and Puerto Rico estimates – Postcensal population estimates from U.S. Census Bureau for July 2018	Adjust sampling weights to account for undercount or overcount in CPS estimates relative to U.S. Census Bureau estimates by year of age, gender, and four race/ethnic categories (Non-Hispanic White-Only, Non-Hispanic Black-Only, Non-Hispanic Other, and Hispanic/Latino).	
		Adjustment Factors for Females	Adjustment Factors for Males
		■ Infants – Non-Hispanic White-Only: 1.0048 – Non-Hispanic Black-Only: 1.1528 – Non-Hispanic Other: 1.1241 – Hispanic/Latino: 1.0172 ■ 1-year-old children – Non-Hispanic White-Only: 1.0059 – Non-Hispanic Black-Only: 0.8310 – Non-Hispanic Other: 0.8763 – Hispanic/Latino: 0.9749 ■ 2-year-old children – Non-Hispanic White-Only: 1.0118 – Non-Hispanic Black-Only: 1.0000 – Non-Hispanic Other: 1.0000 – Hispanic/Latino: 0.9986 ■ 3-year-old children – Non-Hispanic White-Only: 1.0093 – Non-Hispanic Black-Only: 1.0000 – Non-Hispanic Other: 0.9702 – Hispanic/Latino: 0.9992 ■ 4-year-old children – Non-Hispanic White-Only: 1.0128 – Non-Hispanic Black-Only: 0.9987 – Non-Hispanic Other: 0.9338 – Hispanic/Latino: 1.0000	■ Infants – Non-Hispanic White-Only: 1.0040 – Non-Hispanic Black-Only: 1.1110 – Non-Hispanic Other: 1.0000 – Hispanic/Latino: 1.0000 ■ 1-year-old children – Non-Hispanic White-Only: 1.0055 – Non-Hispanic Black-Only: 0.9065 – Non-Hispanic Other: 0.9361 – Hispanic/Latino: 1.0000 ■ 2-year-old children – Non-Hispanic White-Only: 1.0034 – Non-Hispanic Black-Only: 1.0000 – Non-Hispanic Other: 0.9650 – Hispanic/Latino: 1.0000 ■ 3-year-old children – Non-Hispanic White-Only: 1.0081 – Non-Hispanic Black-Only: 1.0598 – Non-Hispanic Other: 0.9774 – Hispanic/Latino: 0.9977 ■ 4-year-old children – Non-Hispanic White-Only: 1.0053 – Non-Hispanic Black-Only: 0.9593 – Non-Hispanic Other: 1.0000 – Hispanic/Latino: 1.0061

Step	Data Source(s)	Methods and Adjustment Factors
Income eligibility	2019 CPS-ASEC, National estimates 2018 ACS, State estimates 2018 PRCS, Puerto Rico estimates 2018 IDB, Other island territories estimates - Blended 2017 and 2018 FPGs	Count as eligible if prior year's annual income was $\leq$ 185 percent of the Federal Poverty Guidelines.
Adjunctive income eligibility	2019 CPS-ASEC 2018 ACS 2018 PRCS	Add in as eligible those infants and children in families who reported participating in Medicaid, SNAP, or TANF at any point during the prior calendar year.
Adjust for fluctuations in monthly income and certification periods	Average of factors for 2014 and 2015, as computed from 2014 Survey of Income and Program Participation panel	Adjust estimates to account for impact of monthly fluctuations in income and program participation and for impact of 6- and 12-month certification periods.^a - Infants adjustment factor (used for estimates from PRCS and IDB data): 1.0593 - Infants adjustment factors by race and ethnicity (used for estimates from CPS-ASEC and ACS data) - Non-Hispanic White-Only: 1.1110 - All others: 1.0141 - Children adjustment factor assuming 12-month certification periods (used for estimates from PRCS and IDB data): 1.0681 - Children adjustment factors by race and ethnicity (used for estimates from CPS-ASEC data) - Non-Hispanic White-Only: 1.1112 - All others: 1.0321
Adjust for nutritional risk	CNSTAT panel	Multiply infant and child estimates by factor to account for otherwise eligible infants and children who might not be at nutritional risk. - Adjustment factors - Infants: 0.9700 - Children: 0.9900
Pregnant and Postpartum Women		
Starting point	Infants as estimated using methods outlined earlier in table	Use as a starting point the final average monthly eligibility estimate for infants.
Adjust for multiple births and infant deaths	Average of 3 years of CDC National Vital Statistics data (i.e., 2015-2017 Births: Final Data, 2014-2016 Period Linked Birth – Infant Death Data Files, and 2014 – 2016 Fetal Death Data Files)	Multiply by factor to account for impact of multiple births and infant deaths (so the number of pregnant women/mothers is not exactly equal to the number of infants). - Adjustment factors - Non-Hispanic White-Only: 0.9911 - Non-Hispanic Black-Only: 1.0019 - Non-Hispanic Other: 0.9944 - Hispanic/Latino: 0.9977

Step	Data Source(s)	Methods and Adjustment Factors
For pregnant women: Adjust for length of pregnancy and income during pregnancy	2004, 2008, and 2014 panels of Survey of Income and Program Participation data	Multiply by combined factor to account for (1) 9 months of pregnancy (0.75 factor) and (2) lower likelihood of financial eligibility during pregnancy versus after birth (0.91 factor). Combined adjustment factor: 0.6825
For postpartum women: Adjust for breastfeeding status	CDC NIS breastfeeding rates computed for 2016 birth cohort (NIS survey years 2017 and 2018)	Multiply by factors to estimate average monthly women eligible for WIC as breastfeeding women (0 < 12 months postpartum) or non-breastfeeding women (< 6 months postpartum). Separate State-level breastfeeding adjustments are used for the ACS data. ■ Breastfeeding (used for estimates from PRCS and IDB data): 0.4549 ■ Breastfeeding by race and ethnicity (used for estimates from CPS-ASEC) – Non-Hispanic White-Only: 0.4731 – Non-Hispanic Black-Only: 0.4123 – Non-Hispanic Other: 0.4294 – Hispanic/Latino: 0.4684 ■ Non-breastfeeding (used for estimates from PRCS and IDB data): 0.2308 ■ Non-breastfeeding by race and ethnicity (used for estimates from CPS-ASEC) – Non-Hispanic White-Only: 0.2239 – Non-Hispanic Black-Only: 0.2536 – Non-Hispanic Other: 0.2443 – Hispanic/Latino: 0.2213
Adjust for nutritional risk	CNSTAT panel	Multiply estimates for pregnant and postpartum women by factor to account for some otherwise eligible women who may not have been at nutritional risk. The estimates assume all postpartum women were at nutritional risk. Adjustment factors: Pregnant women: 0.97; Postpartum women: 1.0

Note: CDC NIS breastfeeding rates are based on unpublished internal CDC data. March 2017 and 2018 CPS-ASEC data referenced in this table are research files, which apply the revised processing system first implemented for the March 2019 CPS-ASEC data to survey data originally collected and processed using the legacy system (see chapter 2 in volume I for more information). Adjustment factors shown in this table were used to produce estimates of eligible individuals. When applicable, the same adjustment factors were used to produce estimates of the total population; as a result of differences in breastfeeding rates, adjustment factors differed for mothers eligible for WIC and the total population of mothers.

ACS = American Community Survey; CDC = Centers for Disease Control and Prevention; CNSTAT = Committee on National Statistics; CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; IDB = International Data Base; NIS = National Immunization Survey; PRCS = Puerto Rico Community Survey

^a An adjustment factor for the total number of children (1.0644) was also calculated but not used for any adjustment. The separate adjustment factors by race and ethnicity were used for the estimates.

Sources: The data sources listed in this table are as follows, in order of mention: for 2019 CPS-ASEC data, see NBER, n.d.; for 2018 ACS and PRCS data, see IPUMS-USA, n.d.; for 2018 IDB data, see U.S. Census Bureau, n.d.a; for March 2016, 2017, 2018, 2019 CPS-ASEC data, see NBER, n.d., U.S. Census, 2019a, 2020; for July 2018 postcensal population estimate data, see U.S. Census Bureau, 2019b, 2019c; for WIC income eligibility criteria, see 7 C.F.R. § 246; for 2017 Federal Poverty Guidelines, see HHS, 2017; for 2018 Federal Poverty Guidelines, see HHS, 2018; for 2014–2017 National Vital Statistics data, see National Center for Health Statistics, n.d.; for 2004, 2008, and 2014 Survey of Income and Program Participation panel data, see U.S. Census Bureau, n.d.c; for the Committee on National Statistics panel data, see Ver Ploeg & Betson, 2003.

Table A.1-2017. Steps, Data Sources, Methods, and Adjustment Factors Used for Estimates of WIC Eligibility

Step	Data Source(s)	Methods and Adjustment Factors	
Infants and Children			
Demographic eligibility	2018 CPS-ASEC, National estimates 2017 ACS, State estimates 2017 PRCS, Puerto Rico estimates 2017 IDB, Other island territories estimates	Identify individuals aged 0, 1, 2, 3, and 4 in each survey.	
Weight adjustment	- National estimates - Postcensal population estimates from Census Bureau and March CPS-ASEC for 2015, 2016, 2017, and 2018 - State and Puerto Rico estimates - Postcensal population estimates from U.S. Census Bureau for July 2017	Adjust sampling weights to account for undercount or overcount in CPS estimates relative to U.S. Census Bureau estimates by year of age, gender, and four race/ethnic categories (Non-Hispanic White-Only, Non-Hispanic Black-Only, Non-Hispanic Other, and Hispanic/Latino).	
		Adjustment Factors for Females	Adjustment Factors for Males
		- Infants - Non-Hispanic White-Only: 1.0000 - Non-Hispanic Black-Only: 1.1029 - Non-Hispanic Other: 1.1128 - Hispanic/Latino: 1.0086 1-year-old children - Non-Hispanic White-Only: 1.0043 - Non-Hispanic Black-Only: 0.8759 - Non-Hispanic Other: 0.8860 - Hispanic/Latino: 0.9751 2-year-old children - Non-Hispanic White-Only: 1.0121 - Non-Hispanic Black-Only: 0.9716 - Non-Hispanic Other: 1.0000 - Hispanic/Latino: 1.0000 3-year-old children - Non-Hispanic White-Only: 1.0128 - Non-Hispanic Black-Only: 0.9374 - Non-Hispanic Other: 0.9638 - Hispanic/Latino: 1.0000 4-year-old children - Non-Hispanic White-Only: 1.0135 - Non-Hispanic Black-Only: 1.0332 - Non-Hispanic Other: 0.9871 - Hispanic/Latino: 1.0086	- Infants - Non-Hispanic White-Only: 1.0000 - Non-Hispanic Black-Only: 1.1072 - Non-Hispanic Other: 0.9714 - Hispanic/Latino: 1.0000 1-year-old children - Non-Hispanic White-Only: 1.0015 - Non-Hispanic Black-Only: 0.8725 - Non-Hispanic Other: 1.0000 - Hispanic/Latino: 1.0022 2-year-old children - Non-Hispanic White-Only: 1.0000 - Non-Hispanic Black-Only: 1.0000 - Non-Hispanic Other: 1.0000 - Hispanic/Latino: 0.9872 3-year-old children - Non-Hispanic White-Only: 1.0040 - Non-Hispanic Black-Only: 1.0457 - Non-Hispanic Other: 1.0000 - Hispanic/Latino: 1.0000 4-year-old children - Non-Hispanic White-Only: 1.0000 - Non-Hispanic Black-Only: 1.0000 - Non-Hispanic Other: 1.0000 - Hispanic/Latino: 1.0000

Step	Data Source(s)	Methods and Adjustment Factors
Income eligibility	2018 CPS-ASEC, National estimates 2017 ACS, State estimates 2017 PRCS, Puerto Rico estimates 2017 IDB, Other island territories estimates - Blended 2016 and 2017 FPGs	Count as eligible if prior year's annual income was $\leq$ 185 percent of the Federal Poverty Guidelines.
Adjunctive income eligibility	2018 CPS-ASEC 2017 ACS 2017 PRCS	Add in as eligible those infants and children in families who reported participating in Medicaid, SNAP, or TANF at any point during the prior calendar year.
Adjust for fluctuations in monthly income and certification periods	Average of factors for 2014 and 2015, as computed from 2014 Survey of Income and Program Participation panel	Adjust estimates to account for impact of monthly fluctuations in income and program participation and for impact of 6- and 12-month certification periods. ^a - Infants adjustment factor (used for estimates from PRCS and IDB data): 1.0593 - Infants adjustment factors by race and ethnicity (used for estimates from CPS-ASEC and ACS data) - Non-Hispanic White-Only: 1.1110 - All others: 1.0141 - Children adjustment factor assuming 12-month certification periods (used for estimates from PRCS and IDB data): 1.0681 - Children adjustment factors by race and ethnicity (used for estimates from CPS-ASEC data) - Non-Hispanic White-Only: 1.1111 - All others: 1.0321
Adjust for nutritional risk	CNSTAT panel	Multiply infant and child estimates by factor to account for otherwise eligible infants and children who might not be at nutritional risk. - Adjustment factors - Infants: 0.97 - Children: 0.99
Pregnant and Postpartum Women		
Starting point	Infants as estimated using methods outlined earlier in table	Use as a starting point the final average monthly eligibility estimate for infants.
Adjust for multiple births and infant deaths	Average of 3 years of CDC National Vital Statistics data (i.e., 2015-2017 Births: Final Data, 2014-2016 Period Linked Birth – Infant Death Data Files, and 2014 – 2016 Fetal Death Data Files)	Multiply by factor to account for impact of multiple births and infant deaths (so the number of pregnant women/mothers is not exactly equal to the number of infants). - Adjustment factors - Non-Hispanic White-Only: 0.9911 - Non-Hispanic Black-Only: 1.0019 - Non-Hispanic Other: 0.9944 - Hispanic/Latino: 0.9977

Step	Data Source(s)	Methods and Adjustment Factors
For pregnant women: Adjust for length of pregnancy and income during pregnancy	2004, 2008, and 2014 panels of Survey of Income and Program Participation data	Multiply by combined factor to account for (1) 9 months of pregnancy (0.75 factor) and (2) lower likelihood of financial eligibility during pregnancy versus after birth (0.91 factor). Combined adjustment factor: 0.6825
For postpartum women: Adjust for breastfeeding status	CDC NIS breastfeeding rates computed for 2016 birth cohort (NIS survey years 2017 and 2018)	Multiply by factors to estimate average monthly women eligible for WIC as breastfeeding women (0 < 12 months postpartum) or non-breastfeeding women (< 6 months postpartum). Separate State-level breastfeeding adjustments are used for the ACS data. ■ Breastfeeding (used for estimates from PRCS and IDB data): 0.4549 ■ Breastfeeding by race and ethnicity (used for estimates from CPS-ASEC) – Non-Hispanic White-Only: 0.4731 – Non-Hispanic Black-Only: 0.4123 – Non-Hispanic Other: 0.4294 – Hispanic/Latino: 0.4684 ■ Non-breastfeeding (used for estimates from PRCS and IDB data): 0.2308 ■ Non-breastfeeding by race and ethnicity (used for estimates from CPS-ASEC) – Non-Hispanic White-Only: 0.2239 – Non-Hispanic Black-Only: 0.2536 – Non-Hispanic Other: 0.2443 – Hispanic/Latino: 0.2213
Adjust for nutritional risk	CNSTAT panel	Multiply estimates for pregnant and postpartum women by factor to account for some otherwise eligible women who may not have been at nutritional risk. The estimates assume all postpartum women were at nutritional risk. Adjustment factors: Pregnant women: 0.97; Postpartum women: 1.0

Note: CDC NIS breastfeeding rates are based on unpublished internal CDC data. March 2017 and 2018 CPS-ASEC data referenced in this table are research files, which apply the revised processing system first implemented for the March 2019 CPS-ASEC data to survey data originally collected and processed using the legacy system (see chapter 2 in volume I for more information). Adjustment factors shown in this table were used to produce estimates of eligible individuals. When applicable, the same adjustment factors were used to produce estimates of the total population; as a result of differences in breastfeeding rates, adjustment factors differed for mothers eligible for WIC and the total population of mothers. The number of decimals used for adjustment factors differs between the originally published and revised 2017 estimates. Consistent with the 2018 estimates, all adjustment factors for the revised 2017 estimates were rounded to 4 decimal places.

ACS = American Community Survey; CDC = Centers for Disease Control and Prevention; CNSTAT = Committee on National Statistics; CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; IDB = International Data Base; NIS = National Immunization Survey; PRCS = Puerto Rico Community Survey

^a An adjustment factor for the total number of children (1.0643) was also calculated but not used for any adjustment. The separate adjustment factors by race and ethnicity were used for the estimates.

Sources: The data sources listed in this table are as follows, in order of mention: for 2018 CPS-ASEC data, see U.S. Census Bureau, 2020; for 2017 ACS and PRCS data, see IPUMS-USA, n.d.; for 2017 IDB data, see U.S. Census Bureau, n.d.a; for March 2015, 2016, 2017, 2018 CPS-ASEC data, see NBER, n.d., U.S. Census Bureau, 2019a, 2020; for July 2017 postcensal population estimate data, see U.S. Census Bureau, 2019b, 2018; for WIC income eligibility criteria, see 7 C.F.R. § 246; for 2016 Federal Poverty Guidelines, see HHS, 2016; for 2017 Federal Poverty Guidelines, see HHS, 2017; for 2014–2017 National Vital Statistics data, see National Center for Health Statistics, n.d.; for 2004, 2008, 2014 Survey of Income and Program Participation panel data, see U.S. Census Bureau, n.d.c; for the Committee on National Statistics panel data, see Ver Ploeg & Betson, 2003.

Table A.1-2016. Steps, Data Sources, Methods, and Adjustment Factors Used for Estimates of WIC Eligibility

Step	Data Source(s)	Methods and Adjustment Factors	
Infants and Children			
Demographic eligibility	2017 CPS-ASEC, National estimates 2016 ACS, State estimates 2016 PRCS, Puerto Rico estimates 2016 IDB, Other island territories estimates	Identify individuals aged 0, 1, 2, 3, and 4 in each survey.	
Weight adjustment	- National estimates - Postcensal population estimates from Census Bureau and March CPS-ASEC for 2014, 2015, 2016, and 2017 - State and Puerto Rico estimates - Postcensal population estimates from U.S. Census Bureau for July 2016	Adjust sampling weights to account for undercount or overcount in CPS estimates relative to U.S. Census Bureau estimates by year of age, gender, and four race/ethnic categories (Non-Hispanic White-Only, Non-Hispanic Black-Only, Non-Hispanic Other, and Hispanic/Latino).	
		Adjustment Factors for Females	Adjustment Factors for Males
		- Infants - Non-Hispanic White-Only: 1.0066 - Non-Hispanic Black-Only: 1.0936 - Non-Hispanic Other: 1.0943 - Hispanic/Latino: 1.0000 1-year-old children - Non-Hispanic White-Only: 1.0039 - Non-Hispanic Black-Only: 0.9147 - Non-Hispanic Other: 0.8865 - Hispanic/Latino: 0.9865 2-year-old children - Non-Hispanic White-Only: 1.0121 - Non-Hispanic Black-Only: 0.9670 - Non-Hispanic Other: 0.9103 - Hispanic/Latino: 1.0157 3-year-old children - Non-Hispanic White-Only: 1.0172 - Non-Hispanic Black-Only: 0.9597 - Non-Hispanic Other: 0.9438 - Hispanic/Latino: 0.9973 4-year-old children - Non-Hispanic White-Only: 1.0124 - Non-Hispanic Black-Only: 1.0044 - Non-Hispanic Other: 1.0000 - Hispanic/Latino: 1.0243	- Infants - Non-Hispanic White-Only: 1.0031 - Non-Hispanic Black-Only: 1.1188 - Non-Hispanic Other: 1.0000 - Hispanic/Latino: 1.0108 1-year-old children - Non-Hispanic White-Only: 1.0033 - Non-Hispanic Black-Only: 0.8691 - Non-Hispanic Other: 0.9537 - Hispanic/Latino: 1.0000 2-year-old children - Non-Hispanic White-Only: 1.0048 - Non-Hispanic Black-Only: 1.0350 - Non-Hispanic Other: 1.0292 - Hispanic/Latino: 1.0000 3-year-old children - Non-Hispanic White-Only: 1.0034 - Non-Hispanic Black-Only: 1.0513 - Non-Hispanic Other: 0.9171 - Hispanic/Latino: 0.9931 4-year-old children - Non-Hispanic White-Only: 1.0040 - Non-Hispanic Black-Only: 0.9491 - Non-Hispanic Other: 0.9872 - Hispanic/Latino: 1.0000

Step	Data Source(s)	Methods and Adjustment Factors
Income eligibility	2017 CPS-ASEC, National estimates 2016 ACS, State estimates 2016 PRCS, Puerto Rico estimates 2016 IDB, Other island territories estimates - Blended 2015 and 2016 FPGs	Count as eligible if prior year's annual income was $\leq$ 185 percent of the Federal Poverty Guidelines.
Adjunctive income eligibility	2017 CPS-ASEC 2016 ACS 2016 PRCS	Add in as eligible those infants and children in families who reported participating in Medicaid, SNAP, or TANF at any point during the prior calendar year.
Adjust for fluctuations in monthly income and certification periods	Average of factors for 2014 and 2015, as computed from 2014 Survey of Income and Program Participation panel	Adjust estimates to account for impact of monthly fluctuations in income and program participation and for impact of 6- and 12-month certification periods. ^a - Infants adjustment factor (used for estimates from PRCS and IDB data): 1.0593 - Infants adjustment factors by race and ethnicity (used for estimates from CPS-ASEC and ACS data) - Non-Hispanic White-Only: 1.1110 - All others: 1.0141 - Children adjustment factor assuming 12-month certification periods (used for estimates from PRCS and IDB data): 1.0681 - Children adjustment factors by race and ethnicity (used for estimates from CPS-ASEC data) - Non-Hispanic White-Only: 1.1092 - All others: 1.0316
Adjust for nutritional risk	CNSTAT panel	Multiply infant and child estimates by factor to account for otherwise eligible infants and children who might not be at nutritional risk. - Adjustment factors - Infants: 0.97 - Children: 0.99
Pregnant and Postpartum Women		
Starting point	Infants as estimated using methods outlined earlier in table	Use as a starting point the final average monthly eligibility estimate for infants.
Adjust for multiple births and infant deaths	Average of 3 years of CDC National Vital Statistics data (i.e., 2015-2017 Births: Final Data, 2014-2016 Period Linked Birth – Infant Death Data Files, and 2014 – 2016 Fetal Death Data Files)	Multiply by factor to account for impact of multiple births and infant deaths (so the number of pregnant women/mothers is not exactly equal to the number of infants). - Adjustment factors - Non-Hispanic White-Only: 0.9911 - Non-Hispanic Black-Only: 1.0019 - Non-Hispanic Other: 0.9944 - Hispanic/Latino: 0.9977

Step	Data Source(s)	Methods and Adjustment Factors
For pregnant women: Adjust for length of pregnancy and income during pregnancy	2004, 2008, and 2014 panels of Survey of Income and Program Participation data	Multiply by combined factor to account for (1) 9 months of pregnancy (0.75 factor) and (2) lower likelihood of financial eligibility during pregnancy versus after birth (0.91 factor). Combined adjustment factor: 0.6825
For postpartum women: Adjust for breastfeeding status	CDC NIS breastfeeding rates computed for 2016 birth cohort (NIS survey years 2017 and 2018)	Multiply by factors to estimate average monthly women eligible for WIC as breastfeeding women (0 < 12 months postpartum) or non-breastfeeding women (< 6 months postpartum). Separate State-level breastfeeding adjustments are used for the ACS data. ■ Breastfeeding (used for estimates from PRCS and IDB data): 0.4549 ■ Breastfeeding by race and ethnicity (used for estimates from CPS-ASEC) – Non-Hispanic White-Only: 0.4731 – Non-Hispanic Black-Only: 0.4123 – Non-Hispanic Other: 0.4294 – Hispanic/Latino: 0.4684 ■ Non-breastfeeding (used for estimates from PRCS and IDB data): 0.2308 ■ Non-breastfeeding by race and ethnicity (used for estimates from CPS-ASEC) – Non-Hispanic White-Only: 0.2239 – Non-Hispanic Black-Only: 0.2536 – Non-Hispanic Other: 0.2443 – Hispanic/Latino: 0.2213
Adjust for nutritional risk	CNSTAT panel	Multiply estimates for pregnant and postpartum women by factor to account for some otherwise eligible women who may not have been at nutritional risk. The estimates assume all postpartum women were at nutritional risk. Adjustment factors: Pregnant women: 0.97; Postpartum women: 1.0

Note: CDC NIS breastfeeding rates are based on unpublished internal CDC data. March 2017 CPS-ASEC data referenced in this table is a research file, which applies the revised processing system first implemented for the March 2019 CPS-ASEC data to survey data originally collected and processed using the legacy system (see chapter 2 in volume I for more information). Adjustment factors shown in this table were used to produce estimates of eligible individuals. When applicable, the same adjustment factors were used to produce estimates of the total population; as a result of differences in breastfeeding rates, adjustment factors differed for mothers eligible for WIC and the total population of mothers. The number of decimals used for adjustment factors differs between the originally published and revised 2016 estimates. Consistent with the 2018 estimates, all adjustment factors for the revised 2016 estimates were rounded to 4 decimal places.

ACS = American Community Survey; CDC = Centers for Disease Control and Prevention; CNSTAT = Committee on National Statistics; CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; IDB = International Data Base; NIS = National Immunization Survey; PRCS = Puerto Rico Community Survey

^a An adjustment factor for the total number of children (1.0635) was also calculated but not used for any adjustment. The separate adjustment factors by race and ethnicity were used for the estimates.

Sources: The data sources listed in this table are as follows, in order of mention: for 2017 CPS-ASEC data, see U.S. Census Bureau, 2019a; for 2016 ACS and PRCS data, see IPUMS-USA, n.d.; for 2016 IDB data, see U.S. Census Bureau, n.d.a; for March 2014, 2015, 2016, 2017 CPS-ASEC data, see NBER, n.d., U.S. Census Bureau, 2019a; for July 2016 postcensal population estimate data, see U.S. Census Bureau, 2019b, 2017; for WIC income eligibility criteria, see 7 C.F.R. § 246; for 2015 Federal Poverty Guidelines, see HHS, 2015; for 2016 Federal Poverty Guidelines, see HHS, 2016; for 2014–2017 National Vital Statistics data, see National Center for Health Statistics, n.d.; for 2004, 2008, 2014 Survey of Income and Program Participation panel data, see U.S. Census Bureau, n.d.c; for the Committee on National Statistics panel data, see Ver Ploeg & Betson, 2003.

Table A.2-2018. Estimated Average Monthly Number of Individuals Eligible for WIC by Participant Category

Participant Category	Number Eligible	Percent of Total Eligible	Total Population	Eligibility Rate
Infants	1,725,558	14.5	3,817,508	45.2
Children	7,827,066	65.9	16,063,431	48.7
1-year-old children	1,925,732	16.2	3,924,580	49.1
2-year-old children	1,931,721	16.3	3,974,744	48.6
3-year-old children	2,051,732	17.3	4,050,942	50.6
4-year-old children	1,917,881	16.2	4,113,165	46.6
Women	2,316,773	19.5	6,645,097	34.9
Pregnant women	1,138,061	9.6	2,847,899	40.0
Postpartum women	1,178,712	9.9	3,797,198	31.0
Breastfeeding women	781,683	6.6	2,222,934	35.2
Non-breastfeeding women	397,029	3.3	1,574,264	25.2
Total	11,869,397	100.0	26,526,035	44.7

Note: The total population consists of individuals in the 50 States, the District of Columbia, Puerto Rico, and the other U.S. territories served by WIC in each participant category. The eligibility rate is the ratio of the total number of individuals eligible for WIC to the total population in each participant category.

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020, n.d.a

Table A.2-2017. Estimated Average Monthly Number of Individuals Eligible for WIC by Participant Category

Participant Category	Number Eligible	Percent of Total Eligible	Total Population	Eligibility Rate
Infants	1,882,098	14.7	3,924,906	48.0
Children	8,423,507	65.6	16,155,807	52.1
1-year-old children	2,132,153	16.6	3,989,451	53.4
2-year-old children	2,199,235	17.1	4,066,840	54.1
3-year-old children	2,078,947	16.2	4,057,594	51.2
4-year-old children	2,013,172	15.7	4,041,923	49.8
Women	2,527,575	19.7	6,831,912	37.0
Pregnant women	1,240,634	9.7	2,927,962	42.4
Postpartum women	1,286,942	10.0	3,903,950	33.0
Breastfeeding women	856,033	6.7	2,287,227	37.4
Non-breastfeeding women	430,909	3.4	1,616,723	26.7
Total	12,833,181	100.0	26,912,626	47.7

Note: The total population consists of individuals in the 50 States, the District of Columbia, Puerto Rico, and the other U.S. territories served by WIC in each participant category. The eligibility rate is the ratio of the total number of individuals eligible for WIC to the total population in each participant category.

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020, n.d.a

Table A.2-2016. Estimated Average Monthly Number of Individuals Eligible for WIC by Participant Category

Participant Category	Number Eligible	Percent of Total Eligible	Total Population	Eligibility Rate
Infants	1,890,953	14.7	3,929,773	48.1
Children	8,458,358	65.6	16,191,683	52.2
1-year-old children	2,159,720	16.8	4,073,396	53.0
2-year-old children	2,133,906	16.6	4,071,608	52.4
3-year-old children	2,111,732	16.4	4,019,444	52.5
4-year-old children	2,053,001	15.9	4,027,234	51.0
Women	2,538,926	19.7	6,840,140	37.1
Pregnant women	1,246,284	9.7	2,931,489	42.5
Postpartum women	1,292,642	10.0	3,908,652	33.1
Breastfeeding women	858,632	6.7	2,291,169	37.5
Non-breastfeeding women	434,010	3.4	1,617,483	26.8
Total	12,888,236	100.0	26,961,597	47.8

Note: The total population consists of individuals in the 50 States, the District of Columbia, Puerto Rico, and the other U.S. territories served by WIC in each participant category. The eligibility rate is the ratio of the total number of individuals eligible for WIC to the total population in each participant category.

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, n.d.a

Table A.3a-2018. Four-Year Accumulations of U.S. Census Bureau Estimates and CPS-ASEC Estimates for Infants and Children by Year of Age, Race, and Gender: March 2016–March 2019

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Infants	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,755,015	1,051,522	809,359	1,996,828	7,612,724	3,953,219	1,087,040	849,324	2,082,819	7,972,402	7,708,234	2,138,562	1,658,683	4,079,647	15,585,126
CPS estimate	3,736,905	910,839	713,502	1,963,038	7,324,284	3,937,651	973,280	883,373	2,083,898	7,878,203	7,674,556	1,884,120	1,596,875	4,046,936	15,202,486
Ratio of Census estimate to CPS estimate	1.0048	1.1545	1.1343	1.0172	1.0394	1.0040	1.1169	0.9615	0.9995	1.0120	1.0044	1.1350	1.0387	1.0081	1.0252
1-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,801,647	1,068,289	828,697	2,017,826	7,716,459	4,009,932	1,098,848	869,998	2,100,034	8,078,812	7,811,579	2,167,137	1,698,695	4,117,860	15,795,271
CPS estimate	3,779,403	1,285,523	945,715	2,071,155	8,081,797	3,987,952	1,267,338	929,435	2,067,949	8,252,674	7,767,355	2,552,861	1,875,151	4,139,105	16,334,471
Ratio of Census estimate to CPS estimate	1.0059	0.8310	0.8763	0.9743	0.9548	1.0055	0.8671	0.9361	1.0155	0.9789	1.0057	0.8489	0.9059	0.9949	0.9670
2-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,836,847	1,080,443	842,330	2,031,132	7,790,752	4,048,820	1,110,582	884,514	2,114,488	8,158,404	7,885,667	2,191,025	1,726,844	4,145,620	15,949,156
CPS estimate	3,783,353	1,081,191	872,159	2,036,241	7,772,945	4,035,085	1,088,492	916,556	2,156,653	8,196,787	7,818,438	2,169,684	1,788,715	4,192,895	15,969,731
Ratio of Census estimate to CPS estimate	1.0141	0.9993	0.9658	0.9975	1.0023	1.0034	1.0203	0.9650	0.9804	0.9953	1.0086	1.0098	0.9654	0.9887	0.9987

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
3-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,856,233	1,086,001	851,315	2,035,976	7,829,525	4,066,811	1,115,748	894,250	2,117,355	8,194,164	7,923,044	2,201,749	1,745,565	4,153,331	16,023,689
CPS estimate	3,798,363	1,149,197	883,937	2,037,511	7,869,008	4,033,948	1,052,757	914,925	2,122,173	8,123,803	7,832,311	2,201,954	1,798,862	4,159,684	15,992,811
Ratio of Census estimate to CPS estimate	1.0152	0.9450	0.9631	0.9992	0.9950	1.0081	1.0598	0.9774	0.9977	1.0087	1.0116	0.9999	0.9704	0.9985	1.0019
4-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,869,324	1,089,394	847,575	2,037,128	7,843,421	4,079,008	1,119,739	890,814	2,117,444	8,207,005	7,948,332	2,209,133	1,738,389	4,154,572	16,050,426
CPS estimate	3,814,577	1,090,834	907,630	2,005,411	7,818,453	4,057,705	1,167,228	893,569	2,104,585	8,223,086	7,872,282	2,258,062	1,801,199	4,109,996	16,041,539
Ratio of Census estimate to CPS estimate	1.0144	0.9987	0.9338	1.0158	1.0032	1.0053	0.9593	0.9969	1.0061	0.9980	1.0097	0.9783	0.9651	1.0108	1.0006
All children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	15,364,051	4,324,127	3,369,917	8,122,062	31,180,157	16,204,571	4,444,917	3,539,576	8,449,321	32,638,385	31,568,622	8,769,044	6,909,493	16,571,383	63,818,542
CPS estimate	15,175,695	4,606,746	3,609,441	8,150,319	31,542,202	16,114,690	4,575,815	3,654,485	8,451,361	32,796,350	31,290,385	9,182,561	7,263,926	16,601,680	64,338,553
Ratio of Census estimate to CPS estimate	1.0124	0.9387	0.9336	0.9965	0.9885	1.0056	0.9714	0.9686	0.9998	0.9952	1.0089	0.9550	0.9512	0.9982	0.9919

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Total infants and children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	19,119,066	5,375,649	4,179,276	10,118,890	38,792,881	20,157,790	5,531,957	4,388,900	10,532,140	40,610,787	39,276,856	10,907,606	8,568,176	20,651,030	79,403,668
CPS estimate	18,912,600	5,517,585	4,322,943	10,113,357	38,866,486	20,052,341	5,549,095	4,537,858	10,535,259	40,674,553	38,964,941	11,066,680	8,860,801	20,648,616	79,541,039
Ratio of Census estimate to CPS estimate	1.0109	0.9743	0.9668	1.0005	0.9981	1.0053	0.9969	0.9672	0.9997	0.9984	1.0080	0.9856	0.9670	1.0001	0.9983

Note: To calculate WIC eligibility in the CPS data, the age/race/gender specific ratios were applied to the CPS weights by age/race/gender to adjust for the undercount/overcount of children in the CPS relative to the U.S. Census Bureau estimates. The ratios shown in the total columns (by age/race/gender) are for informational purposes only. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement

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Sources: NBER, n.d.; U.S. Census Bureau, 2019a, 2019b, 2020

Table A.3a-2017. Four-Year Accumulations of U.S. Census Bureau Estimates and CPS-ASEC Estimates for Infants and Children by Year of Age, Race, and Gender: March 2015–March 2018

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Infants	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,798,341	1,064,523	810,594	2,005,312	7,678,770	4,006,069	1,095,170	852,388	2,086,983	8,040,610	7,804,410	2,159,693	1,662,982	4,092,295	15,719,380
CPS estimate	3,774,747	965,192	728,427	1,988,310	7,456,676	3,977,361	989,136	877,484	2,085,655	7,929,637	7,752,109	1,954,328	1,605,911	4,073,965	15,386,313
Ratio of Census estimate to CPS estimate	1.0063	1.1029	1.1128	1.0086	1.0298	1.0072	1.1072	0.9714	1.0006	1.0140	1.0067	1.1051	1.0355	1.0045	1.0216
1-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,833,096	1,076,081	827,679	2,019,505	7,756,361	4,044,097	1,106,213	869,470	2,102,428	8,122,208	7,877,193	2,182,294	1,697,149	4,121,933	15,878,569
CPS estimate	3,816,519	1,228,659	934,123	2,071,165	8,050,465	4,037,939	1,267,871	894,654	2,097,845	8,298,308	7,854,458	2,496,529	1,828,776	4,169,010	16,348,773
Ratio of Census estimate to CPS estimate	1.0043	0.8758	0.8860	0.9751	0.9635	1.0015	0.8725	0.9719	1.0022	0.9788	1.0029	0.8741	0.9280	0.9887	0.9712
2-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,852,451	1,081,780	839,833	2,024,253	7,798,317	4,062,689	1,111,878	882,502	2,105,463	8,162,532	7,915,140	2,193,658	1,722,335	4,129,716	15,960,849
CPS estimate	3,806,455	1,118,423	896,344	2,019,636	7,840,858	4,054,240	1,064,957	880,044	2,132,811	8,132,052	7,860,695	2,183,380	1,776,388	4,152,447	15,972,910
Ratio of Census estimate to CPS estimate	1.0121	0.9672	0.9370	1.0023	0.9946	1.0021	1.0441	1.0028	0.9872	1.0037	1.0069	1.0047	0.9696	0.9945	0.9992

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
3-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,865,614	1,085,176	838,220	2,025,785	7,814,795	4,075,604	1,115,826	880,953	2,105,992	8,178,375	7,941,218	2,201,002	1,719,173	4,131,777	15,993,170
CPS estimate	3,806,925	1,157,633	901,482	2,031,903	7,897,944	4,059,458	1,067,011	926,204	2,099,416	8,152,089	7,866,383	2,224,644	1,827,686	4,131,319	16,050,032
Ratio of Census estimate to CPS estimate	1.0154	0.9374	0.9298	0.9970	0.9895	1.0040	1.0457	0.9511	1.0031	1.0032	1.0095	0.9894	0.9406	1.0001	0.9965
4-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,878,441	1,088,332	830,350	2,041,349	7,838,472	4,086,552	1,120,655	871,756	2,121,109	8,200,072	7,964,993	2,208,987	1,702,106	4,162,458	16,038,544
CPS estimate	3,825,856	1,053,407	841,159	1,989,847	7,710,269	4,072,901	1,163,285	900,770	2,101,318	8,238,274	7,898,757	2,216,692	1,741,929	4,091,165	15,948,543
Ratio of Census estimate to CPS estimate	1.0137	1.0332	0.9871	1.0259	1.0166	1.0034	0.9634	0.9678	1.0094	0.9954	1.0084	0.9965	0.9771	1.0174	1.0056
All children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	15,429,602	4,331,369	3,336,082	8,110,892	31,207,945	16,268,942	4,454,572	3,504,681	8,434,992	32,663,187	31,698,544	8,785,941	6,840,763	16,545,884	63,871,132
CPS estimate	15,255,755	4,558,121	3,573,108	8,112,551	31,499,536	16,224,538	4,563,124	3,601,671	8,431,390	32,820,723	31,480,293	9,121,246	7,174,779	16,543,941	64,320,259
Ratio of Census estimate to CPS estimate	1.0114	0.9503	0.9337	0.9998	0.9907	1.0027	0.9762	0.9731	1.0004	0.9952	1.0069	0.9632	0.9534	1.0001	0.9930

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Total infants and children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	19,227,943	5,395,892	4,146,676	10,116,204	38,886,715	20,275,011	5,549,742	4,357,069	10,521,975	40,703,797	39,502,954	10,945,634	8,503,745	20,638,179	79,590,512
CPS estimate	19,030,503	5,523,314	4,301,535	10,100,861	38,956,212	20,201,899	5,552,260	4,479,155	10,517,045	40,750,359	39,232,402	11,075,574	8,780,689	20,617,906	79,706,572
Ratio of Census estimate to CPS estimate	1.0104	0.9769	0.9640	1.0015	0.9982	1.0036	0.9995	0.9727	1.0005	0.9989	1.0069	0.9883	0.9685	1.0010	0.9985

Note: To calculate WIC eligibility in the CPS data, the age/race/gender specific ratios were applied to the CPS weights by age/race/gender to adjust for the undercount/overcount of children in the CPS relative to the U.S. Census Bureau estimates. The ratios shown in the total columns (by age/race/gender) are for informational purposes only. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement

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Sources: NBER, n.d.; U.S. Census Bureau, 2019a, 2019b, 2020

Table A.3a-2016. Four-Year Accumulations of U.S. Census Bureau Estimates and CPS-ASEC Estimates for Infants and Children by Year of Age, Race, and Gender: March 2014–March 2017

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Infants	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,829,812	1,072,348	809,596	2,007,210	7,718,966	4,040,370	1,102,639	851,801	2,089,590	8,084,400	7,870,182	2,174,987	1,661,397	4,096,800	15,803,366
CPS estimate	3,779,411	980,559	739,827	2,003,583	7,503,381	3,988,603	947,431	838,797	2,067,169	7,842,000	7,768,014	1,927,990	1,578,624	4,070,752	15,345,381
Ratio of Census estimate to CPS estimate	1.0133	1.0936	1.0943	1.0018	1.0287	1.0130	1.1638	1.0155	1.0108	1.0309	1.0132	1.1281	1.0524	1.0064	1.0298
1-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,848,688	1,077,492	825,118	2,012,801	7,764,099	4,058,011	1,107,578	867,384	2,093,706	8,126,679	7,906,699	2,185,070	1,692,502	4,106,507	15,890,778
CPS estimate	3,825,209	1,177,910	930,770	2,069,561	8,003,448	4,044,827	1,323,397	909,496	2,107,977	8,385,697	7,870,036	2,501,306	1,840,266	4,177,538	16,389,146
Ratio of Census estimate to CPS estimate	1.0061	0.9147	0.8865	0.9726	0.9701	1.0033	0.8369	0.9537	0.9932	0.9691	1.0047	0.8736	0.9197	0.9830	0.9696
2-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,861,850	1,081,007	826,588	2,014,235	7,783,680	4,071,524	1,112,021	869,064	2,094,408	8,147,017	7,933,374	2,193,028	1,695,652	4,108,643	15,930,697
CPS estimate	3,815,617	1,117,864	908,078	1,983,169	7,824,728	4,052,140	1,051,116	844,412	2,088,984	8,036,653	7,867,758	2,168,980	1,752,490	4,072,153	15,861,381
Ratio of Census estimate to CPS estimate	1.0121	0.9670	0.9103	1.0157	0.9948	1.0048	1.0579	1.0292	1.0026	1.0137	1.0083	1.0111	0.9676	1.0090	1.0044

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
3-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,874,718	1,084,193	820,753	2,030,220	7,809,884	4,083,164	1,116,833	861,715	2,109,984	8,171,696	7,957,882	2,201,026	1,682,468	4,140,204	15,981,580
CPS estimate	3,809,022	1,129,733	895,204	2,035,670	7,869,629	4,056,150	1,062,345	941,755	2,124,678	8,184,928	7,865,172	2,192,078	1,836,959	4,160,348	16,054,556
Ratio of Census estimate to CPS estimate	1.0172	0.9597	0.9168	0.9973	0.9924	1.0067	1.0513	0.9150	0.9931	0.9984	1.0118	1.0041	0.9159	0.9952	0.9955
4-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,887,290	1,086,150	826,499	2,039,480	7,839,419	4,092,322	1,118,097	863,498	2,115,581	8,189,498	7,979,612	2,204,247	1,689,997	4,155,061	16,028,917
CPS estimate	3,839,529	1,081,380	832,608	1,976,407	7,729,924	4,076,061	1,178,028	915,485	2,092,544	8,262,118	7,915,590	2,259,408	1,748,092	4,068,951	15,992,041
Ratio of Census estimate to CPS estimate	1.0124	1.0044	0.9927	1.0319	1.0142	1.0040	0.9491	0.9432	1.0110	0.9912	1.0081	0.9756	0.9668	1.0212	1.0023
All children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	15,472,546	4,328,842	3,298,958	8,096,736	31,197,082	16,305,021	4,454,529	3,461,661	8,413,679	32,634,890	31,777,567	8,783,371	6,760,619	16,510,415	63,831,972
CPS estimate	15,289,377	4,506,886	3,566,659	8,064,807	31,427,729	16,229,178	4,614,886	3,611,148	8,414,184	32,869,396	31,518,555	9,121,772	7,177,807	16,478,991	64,297,125
Ratio of Census estimate to CPS estimate	1.0120	0.9605	0.9249	1.0040	0.9927	1.0047	0.9653	0.9586	0.9999	0.9929	1.0082	0.9629	0.9419	1.0019	0.9928

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Total infants and children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	19,302,358	5,401,190	4,108,554	10,103,946	38,916,048	20,345,391	5,557,168	4,313,462	10,503,269	40,719,290	39,647,749	10,958,358	8,422,016	20,607,215	79,635,338
CPS estimate	19,068,788	5,487,445	4,306,487	10,068,390	38,931,110	20,217,781	5,562,317	4,449,945	10,481,352	40,711,395	39,286,569	11,049,762	8,756,431	20,549,743	79,642,505
Ratio of Census estimate to CPS estimate	1.0122	0.9843	0.9540	1.0035	0.9996	1.0063	0.9991	0.9693	1.0021	1.0002	1.0092	0.9917	0.9618	1.0028	0.9999

Note: To calculate WIC eligibility in the CPS data, the age/race/gender specific ratios were applied to the CPS weights by age/race/gender to adjust for the undercount/overcount of children in the CPS relative to the U.S. Census Bureau estimates. The ratios shown in the total columns (by age/race/gender) are for informational purposes only. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement

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Sources: NBER, n.d.; U.S. Census Bureau, 2019a, 2019b

Table A.3b-2018. U.S. Census Bureau Estimates and CPS-ASEC Estimates for Infants and Children by Year of Age, Race, and Gender

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Infants	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	922,298	257,444	204,578	495,464	1,879,784	966,163	269,500	213,916	519,001	1,968,580	1,888,461	526,944	418,494	1,014,465	3,848,364
CPS estimate	911,957	223,311	181,989	468,943	1,786,200	957,893	242,577	197,068	504,938	1,902,475	1,869,850	465,888	379,056	973,880	3,688,675
Ratio of Census estimate to CPS estimate	1.0113	1.1528	1.1241	1.0566	1.0524	1.0086	1.1110	1.0855	1.0279	1.0347	1.0100	1.1311	1.1040	1.0417	1.0433
1-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	929,069	261,241	203,310	495,308	1,888,928	978,985	269,515	213,151	516,138	1,977,789	1,908,054	530,756	416,461	1,011,446	3,866,717
CPS estimate	923,509	315,881	233,667	508,052	1,981,109	963,943	297,324	250,468	530,771	2,042,506	1,887,452	613,205	484,135	1,038,824	4,023,616
Ratio of Census estimate to CPS estimate	1.0060	0.8270	0.8701	0.9749	0.9535	1.0156	0.9065	0.8510	0.9724	0.9683	1.0109	0.8655	0.8602	0.9736	0.9610
2-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	948,532	267,868	210,183	507,632	1,934,215	1,000,773	275,597	220,464	528,428	2,025,262	1,949,305	543,465	430,647	1,036,060	3,959,477
CPS estimate	937,504	246,628	188,691	508,352	1,881,174	994,469	290,151	246,833	525,350	2,056,802	1,931,972	536,779	435,524	1,033,701	3,937,976
Ratio of Census estimate to CPS estimate	1.0118	1.0861	1.1139	0.9986	1.0282	1.0063	0.9498	0.8932	1.0059	0.9847	1.0090	1.0125	0.9888	1.0023	1.0055

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
3-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	960,323	270,995	214,827	516,477	1,962,622	1,013,378	278,351	225,097	537,944	2,054,770	1,973,701	549,346	439,924	1,054,421	4,017,392
CPS estimate	951,439	268,893	221,422	521,736	1,963,490	993,883	257,455	239,960	544,166	2,035,465	1,945,322	526,348	461,382	1,065,902	3,998,954
Ratio of Census estimate to CPS estimate	1.0093	1.0078	0.9702	0.9899	0.9996	1.0196	1.0812	0.9381	0.9886	1.0095	1.0146	1.0437	0.9535	0.9892	1.0046
4-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	969,224	274,571	219,108	515,802	1,978,705	1,022,981	281,565	230,470	535,307	2,070,323	1,992,205	556,136	449,578	1,051,109	4,049,028
CPS estimate	957,005	300,151	249,422	522,972	2,029,550	1,013,849	300,326	211,612	530,974	2,056,760	1,970,854	600,477	461,033	1,053,946	4,086,310
Ratio of Census estimate to CPS estimate	1.0128	0.9148	0.8785	0.9863	0.9749	1.0090	0.9375	1.0891	1.0082	1.0066	1.0108	0.9262	0.9752	0.9973	0.9909
All children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,807,148	1,074,675	847,428	2,035,219	7,764,470	4,016,117	1,105,028	889,182	2,117,817	8,128,144	7,823,265	2,179,703	1,736,610	4,153,036	15,892,614
CPS estimate	3,769,456	1,131,553	893,201	2,061,111	7,855,322	3,966,143	1,145,256	948,872	2,131,261	8,191,533	7,735,600	2,276,810	1,842,073	4,192,373	16,046,856
Ratio of Census estimate to CPS estimate	1.0100	0.9497	0.9488	0.9874	0.9884	1.0126	0.9649	0.9371	0.9937	0.9923	1.0113	0.9573	0.9427	0.9906	0.9904

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Total infants and children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	4,729,446	1,332,119	1,052,006	2,530,683	9,644,254	4,982,280	1,374,528	1,103,098	2,636,818	10,096,724	9,711,726	2,706,647	2,155,104	5,167,501	19,740,978
CPS estimate	4,681,414	1,354,865	1,075,190	2,530,054	9,641,522	4,924,036	1,387,833	1,145,940	2,636,199	10,094,008	9,605,450	2,742,697	2,221,130	5,166,253	19,735,530
Ratio of Census estimate to CPS estimate	1.0103	0.9832	0.9784	1.0002	1.0003	1.0118	0.9904	0.9626	1.0002	1.0003	1.0111	0.9869	0.9703	1.0002	1.0003

Note: To calculate WIC eligibility in the CPS data, the age/race/gender specific ratios were applied to the CPS weights by age/race/gender to adjust for the undercount/overcount of children in the CPS relative to the U.S. Census Bureau estimates. The ratios shown in the total columns (by age/race/gender) are for informational purposes only. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement

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Sources: NBER, n.d.; U.S. Census Bureau, 2019b

Table A.3b-2017. U.S. Census Bureau Estimates and CPS-ASEC Estimates for Infants and Children by Year of Age, Race, and Gender

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Infants	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	928,240	260,291	198,810	492,221	1,879,562	978,018	268,581	208,806	512,916	1,968,321	1,906,258	528,872	407,616	1,005,137	3,847,883
CPS estimate	935,569	231,624	176,380	484,016	1,827,589	982,176	236,229	241,236	537,570	1,997,210	1,917,745	467,853	417,615	1,021,586	3,824,799
Ratio of Census estimate to CPS estimate	0.9922	1.1238	1.1272	1.0170	1.0284	0.9958	1.1370	0.8656	0.9541	0.9855	0.9940	1.1304	0.9761	0.9839	1.0060
1-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	947,620	266,784	206,573	504,768	1,925,745	999,629	274,494	216,786	525,444	2,016,353	1,947,249	541,278	423,359	1,030,212	3,942,098
CPS estimate	942,200	323,688	236,449	526,827	2,029,165	997,178	329,269	216,674	498,470	2,041,591	1,939,378	652,958	453,123	1,025,297	4,070,756
Ratio of Census estimate to CPS estimate	1.0058	0.8242	0.8736	0.9581	0.9490	1.0025	0.8336	1.0005	1.0541	0.9876	1.0041	0.8290	0.9343	1.0048	0.9684
2-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	959,396	269,953	212,030	513,584	1,954,963	1,012,385	277,390	222,250	535,010	2,047,035	1,971,781	547,343	434,280	1,048,594	4,001,998
CPS estimate	943,329	277,855	200,387	519,541	1,941,112	1,015,064	286,286	247,275	544,651	2,093,277	1,958,393	564,142	447,662	1,064,192	4,034,389
Ratio of Census estimate to CPS estimate	1.0170	0.9716	1.0581	0.9885	1.0071	0.9974	0.9689	0.8988	0.9823	0.9779	1.0068	0.9702	0.9701	0.9853	0.9920
3-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	968,325	273,525	216,865	512,990	1,971,705	1,022,173	280,586	228,093	532,465	2,063,317	1,990,498	554,111	444,958	1,045,455	4,035,022
CPS estimate	956,066	296,844	225,010	511,673	1,989,592	1,014,765	266,445	214,990	532,643	2,028,843	1,970,830	563,289	439,999	1,044,316	4,018,435
Ratio of Census estimate to CPS estimate	1.0128	0.9214	0.9638	1.0026	0.9910	1.0073	1.0531	1.0609	0.9997	1.0170	1.0100	0.9837	1.0113	1.0011	1.0041

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
4-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	963,351	272,238	211,195	505,694	1,952,478	1,016,276	279,902	221,861	527,444	2,045,483	1,979,627	552,140	433,056	1,033,138	3,997,961
CPS estimate	950,504	254,880	241,845	501,358	1,948,587	1,016,658	269,871	208,481	537,250	2,032,260	1,967,162	524,752	450,326	1,038,607	3,980,847
Ratio of Census estimate to CPS estimate	1.0135	1.0681	0.8733	1.0086	1.0020	0.9996	1.0372	1.0642	0.9817	1.0065	1.0063	1.0522	0.9616	0.9947	1.0043
All children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,838,692	1,082,500	846,663	2,037,036	7,804,891	4,050,463	1,112,372	888,990	2,120,363	8,172,188	7,889,155	2,194,872	1,735,653	4,157,399	15,977,079
CPS estimate	3,792,098	1,153,268	903,691	2,059,398	7,908,456	4,043,665	1,151,872	887,420	2,113,014	8,195,971	7,835,763	2,305,141	1,791,111	4,172,412	16,104,427
Ratio of Census estimate to CPS estimate	1.0123	0.9386	0.9369	0.9891	0.9869	1.0017	0.9657	1.0018	1.0035	0.9971	1.0068	0.9522	0.9690	0.9964	0.9921
Total infants and children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	4,766,932	1,342,791	1,045,473	2,529,257	9,684,453	5,028,481	1,380,953	1,097,796	2,633,279	10,140,509	9,795,413	2,723,744	2,143,269	5,162,536	19,824,962
CPS estimate	4,727,667	1,384,893	1,080,071	2,543,414	9,736,045	5,025,841	1,388,101	1,128,655	2,650,584	10,193,181	9,753,508	2,772,994	2,208,726	5,193,998	19,929,226
Ratio of Census estimate to CPS estimate	1.0083	0.9696	0.9680	0.9944	0.9947	1.0005	0.9949	0.9727	0.9935	0.9948	1.0043	0.9822	0.9704	0.9939	0.9948

Note: To calculate WIC eligibility in the CPS data, the age/race/gender specific ratios were applied to the CPS weights by age/race/gender to adjust for the undercount/overcount of children in the CPS relative to the U.S. Census Bureau estimates. The ratios shown in the total columns (by age/race/gender) are for informational purposes only. This table does not include estimates for Puerto Rico or the other U.S. territories. CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement

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Sources: U.S. Census Bureau, 2019b, 2020

Table A.3b-2016. U.S. Census Bureau Estimates and CPS-ASEC Estimates for Infants and Children by Year of Age, Race, and Gender

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Infants	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	946,808	265,855	202,084	501,645	1,916,392	998,728	273,589	212,457	522,186	2,006,960	1,945,536	539,444	414,541	1,023,831	3,923,352
CPS estimate	940,631	219,267	175,883	507,169	1,842,949	995,613	244,533	224,971	504,171	1,969,289	1,936,244	463,800	400,855	1,011,340	3,812,238
Ratio of Census estimate to CPS estimate	1.0066	1.2125	1.1490	0.9891	1.0399	1.0031	1.1188	0.9444	1.0357	1.0191	1.0048	1.1631	1.0341	1.0124	1.0291
1-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	958,489	268,876	208,422	510,624	1,946,411	1,011,281	276,304	218,563	531,966	2,038,114	1,969,770	545,180	426,985	1,042,590	3,984,525
CPS estimate	954,766	333,249	239,219	517,631	2,044,865	1,007,455	317,936	251,240	523,370	2,100,000	1,962,221	651,185	490,458	1,041,001	4,144,865
Ratio of Census estimate to CPS estimate	1.0039	0.8068	0.8713	0.9865	0.9519	1.0038	0.8691	0.8699	1.0164	0.9705	1.0038	0.8372	0.8706	1.0015	0.9613
2-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	967,402	272,488	214,056	510,004	1,963,950	1,021,216	279,637	225,250	529,458	2,055,561	1,988,618	552,125	439,306	1,039,462	4,019,511
CPS estimate	953,494	302,484	247,364	495,399	1,998,741	1,009,425	270,192	210,085	536,819	2,026,523	1,962,919	572,677	457,450	1,032,219	4,025,264
Ratio of Census estimate to CPS estimate	1.0146	0.9008	0.8653	1.0295	0.9826	1.0117	1.0350	1.0722	0.9863	1.0143	1.0131	0.9641	0.9603	1.0070	0.9986

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
3-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	962,451	271,201	208,935	502,806	1,945,393	1,015,494	278,934	219,490	524,524	2,038,442	1,977,945	550,135	428,425	1,027,330	3,983,835
CPS estimate	939,413	282,684	221,377	510,294	1,953,768	1,012,046	253,631	239,324	536,913	2,041,914	1,951,459	536,315	460,702	1,047,207	3,995,682
Ratio of Census estimate to CPS estimate	1.0245	0.9594	0.9438	0.9853	0.9957	1.0034	1.0998	0.9171	0.9769	0.9983	1.0136	1.0258	0.9299	0.9810	0.9970
4-year-old children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	966,048	271,347	213,032	506,486	1,956,913	1,016,634	278,862	224,032	525,245	2,044,773	1,982,682	550,209	437,064	1,031,731	4,001,686
CPS estimate	949,361	256,515	211,411	494,480	1,911,767	1,002,305	308,183	226,942	526,279	2,063,709	1,951,666	564,697	438,353	1,020,759	3,975,476
Ratio of Census estimate to CPS estimate	1.0176	1.0578	1.0077	1.0243	1.0236	1.0143	0.9049	0.9872	0.9980	0.9908	1.0159	0.9743	0.9971	1.0107	1.0066
All children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	3,854,390	1,083,912	844,445	2,029,920	7,812,667	4,064,625	1,113,737	887,335	2,111,193	8,176,890	7,919,015	2,197,649	1,731,780	4,141,113	15,989,557
CPS estimate	3,797,033	1,174,931	919,371	2,017,804	7,909,141	4,031,231	1,149,943	927,592	2,123,381	8,232,146	7,828,264	2,324,874	1,846,963	4,141,185	16,141,287
Ratio of Census estimate to CPS estimate	1.0151	0.9225	0.9185	1.0060	0.9878	1.0083	0.9685	0.9566	0.9943	0.9933	1.0116	0.9453	0.9376	1.0000	0.9906

Participant Category	Females					Males					Total				
	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Total infants and children	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Census Bureau estimates	4,801,198	1,349,767	1,046,529	2,531,565	9,729,059	5,063,353	1,387,326	1,099,792	2,633,379	10,183,850	9,864,551	2,737,093	2,146,321	5,164,944	19,912,909
CPS estimate	4,737,664	1,394,198	1,095,255	2,524,973	9,752,090	5,026,844	1,394,475	1,152,563	2,627,552	10,201,435	9,764,508	2,788,674	2,247,818	5,152,525	19,953,525
Ratio of Census estimate to CPS estimate	1.0134	0.9681	0.9555	1.0026	0.9976	1.0073	0.9949	0.9542	1.0022	0.9983	1.0102	0.9815	0.9548	1.0024	0.9980

Note: To calculate WIC eligibility in the CPS data, the age/race/gender specific ratios were applied to the CPS weights by age/race/gender to adjust for the undercount/overcount of children in the CPS relative to the U.S. Census Bureau estimates. The ratios shown in the total columns (by age/race/gender) are for informational purposes only. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement

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Sources: U.S. Census Bureau, 2019b, 2019a

Table A.3c-2018. Effects of Applying Population Adjustment Factors to Population Counts for Infants and Children in the 2019 CPS-ASEC by Year of Age, Race, and Gender

Participant Category		Female					Male					Total				
		Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Infants	Population adjustment factor	1.0048	1.1528	1.1241	1.0172	N/A	1.0040	1.1110	1.0000	1.0000	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	916,335	257,433	204,574	477,008	1,855,350	961,724	269,503	197,068	504,938	1,933,232	1,878,059	526,936	401,641	981,946	3,788,582
	Original CPS estimate	911,957	223,311	181,989	468,943	1,786,200	957,893	242,577	197,068	504,938	1,902,475	1,869,850	465,888	379,056	973,880	3,688,675
	Percent relative change	0.5	15.3	12.4	1.7	3.9	0.4	11.1	0.0	0.0	1.6	0.4	13.1	6.0	0.8	2.7
1-year-old children	Population adjustment factor	1.0059	0.8310	0.8763	0.9749	N/A	1.0055	0.9065	0.9361	1.0000	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	928,958	262,497	204,762	495,300	1,891,517	969,245	269,525	234,463	530,771	2,004,003	1,898,203	532,022	439,225	1,026,071	3,895,521
	Original CPS estimate	923,509	315,881	233,667	508,052	1,981,109	963,943	297,324	250,468	530,771	2,042,506	1,887,452	613,205	484,135	1,038,824	4,023,616
	Percent relative change	0.6	-16.9	-12.4	-2.5	-4.5	0.6	-9.4	-6.4	0.0	-1.9	0.6	-13.2	-9.3	-1.2	-3.2
2-year-old children	Population adjustment factor	1.0118	1.0000	1.0000	0.9986	N/A	1.0034	1.0000	0.9650	1.0000	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	948,566	246,628	188,691	507,640	1,891,525	997,850	290,151	238,193	525,350	2,051,544	1,946,416	536,779	426,884	1,032,990	3,943,069
	Original CPS estimate	937,504	246,628	188,691	508,352	1,881,174	994,469	290,151	246,833	525,350	2,056,802	1,931,972	536,779	435,524	1,033,701	3,937,976
	Percent relative change	1.2	0.0	0.0	-0.1	0.6	0.3	0.0	-3.5	0.0	-0.3	0.7	0.0	-2.0	-0.1	0.1
3-year-old children	Population adjustment factor	1.0093	1.0000	0.9702	0.9992	N/A	1.0081	1.0598	0.9774	0.9977	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	960,287	268,893	214,824	521,318	1,965,322	1,001,934	272,851	234,537	542,915	2,052,236	1,962,221	541,744	449,361	1,064,233	4,017,559
	Original CPS estimate	951,439	268,893	221,422	521,736	1,963,490	993,883	257,455	239,960	544,166	2,035,465	1,945,322	526,348	461,382	1,065,902	3,998,954
	Percent relative change	0.9	0.0	-3.0	-0.1	0.1	0.8	6.0	-2.3	-0.2	0.8	0.9	2.9	-2.6	-0.2	0.5

Participant Category		Female					Male					Total				
		Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
4-year-old children	Population adjustment factor	1.0128	0.9987	0.9338	1.0000	N/A	1.0053	0.9593	1.0000	1.0061	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	969,255	299,761	232,910	522,972	2,024,897	1,019,222	288,102	211,612	534,213	2,053,149	1,988,477	587,864	444,521	1,057,185	4,078,046
	Original CPS estimate	957,005	300,151	249,422	522,972	2,029,550	1,013,849	300,326	211,612	530,974	2,056,760	1,970,854	600,477	461,033	1,053,946	4,086,310
	Percent relative change	1.3	-0.1	-6.6	0.0	-0.2	0.5	-4.1	0.0	0.6	-0.2	0.9	-2.1	-3.6	0.3	-0.2
Total children	Population adjustment factor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	3,807,066	1,077,779	841,187	2,047,230	7,773,262	3,988,250	1,120,629	918,805	2,133,249	8,160,933	7,795,316	2,198,408	1,759,992	4,180,479	15,934,195
	Original CPS estimate	3,769,456	1,131,553	893,201	2,061,111	7,855,322	3,966,143	1,145,256	948,872	2,131,261	8,191,533	7,735,600	2,276,810	1,842,073	4,192,373	16,046,856
	Percent relative change	1.0	-4.8	-5.8	-0.7	-1.0	0.6	-2.2	-3.2	0.1	-0.4	0.8	-3.4	-4.5	-0.3	-0.7
Total infants and children	Population adjustment factor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	4,723,401	1,335,212	1,045,760	2,524,239	9,628,612	4,949,975	1,390,132	1,115,873	2,638,186	10,094,165	9,673,375	2,725,344	2,161,633	5,162,425	19,722,777
	Original CPS estimate	4,681,414	1,354,865	1,075,190	2,530,054	9,641,522	4,924,036	1,387,833	1,145,940	2,636,199	10,094,008	9,605,450	2,742,697	2,221,130	5,166,253	19,735,530
	Percent relative change	0.9	-1.5	-2.7	-0.2	-0.1	0.5	0.2	-2.6	0.1	0.0	0.7	-0.6	-2.7	-0.1	-0.1

Note: To calculate WIC eligibility in the CPS data, the age/race/gender specific ratios were applied to the CPS weights by age/race/gender to adjust for the undercount/overcount of children in the CPS estimates relative to the U.S. Census Bureau estimates. The ratios shown in the total columns (by age/race/gender) are for informational purposes only. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement

N/A = not applicable

Sources: NBER, n.d.; U.S. Census Bureau, 2019a, 2019b, 2020

Table A.3c-2017. Effects of Applying Population Adjustment Factors to Population Counts for Infants and Children in the 2018 CPS-ASEC by Year of Age, Race, and Gender

Participant Category		Female					Male					Total				
		Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic / Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic / Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic / Latino	Total
Infants	Population adjustment factor	1.0000	1.1029	1.1128	1.0086	N/A	1.0000	1.1072	0.9714	1.0000	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	935,569	255,458	196,275	488,178	1,875,481	982,176	261,552	234,336	537,570	2,015,634	1,917,745	517,011	430,612	1,025,748	3,891,116
	Original CPS estimate	935,569	231,624	176,380	484,016	1,827,589	982,176	236,229	241,236	537,570	1,997,210	1,917,745	467,853	417,615	1,021,586	3,824,799
	Percent relative change	0.0	10.3	11.3	0.9	2.6	0.0	10.7	-2.9	0.0	0.9	0.0	10.5	3.1	0.4	1.7
1-year-old children	Population adjustment factor	1.0043	0.8758	0.8860	0.9751	N/A	1.0015	0.8725	1.0000	1.0022	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	946,252	283,486	209,494	513,709	1,952,941	998,674	287,288	216,674	499,566	2,002,202	1,944,925	570,774	426,168	1,013,276	3,955,143
	Original CPS estimate	942,200	323,688	236,449	526,827	2,029,165	997,178	329,269	216,674	498,470	2,041,591	1,939,378	652,958	453,123	1,025,297	4,070,756
	Percent relative change	0.4	-12.4	-11.4	-2.5	-3.8	0.2	-12.8	0.0	0.2	-1.9	0.3	-12.6	-5.9	-1.2	-2.8
2-year-old children	Population adjustment factor	1.0121	0.9716	1.0000	1.0000	N/A	1.0000	1.0000	1.0000	0.9872	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	954,743	269,964	200,387	519,541	1,944,635	1,015,064	286,286	247,275	537,680	2,086,305	1,969,807	556,251	447,662	1,057,221	4,030,940
	Original CPS estimate	943,329	277,855	200,387	519,541	1,941,112	1,015,064	286,286	247,275	544,651	2,093,277	1,958,393	564,142	447,662	1,064,192	4,034,389
	Percent relative change	1.2	-2.8	0.0	0.0	0.2	0.0	0.0	0.0	-1.3	-0.3	0.6	-1.4	0.0	-0.7	-0.1

Participant Category		Female					Male					Total				
		Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic / Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic / Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic / Latino	Total
3-year-old children	Population adjustment factor	1.0128	0.9374	0.9638	1.0000	N/A	1.0040	1.0457	1.0000	1.0000	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	968,303	278,262	216,864	511,673	1,975,102	1,018,824	278,622	214,990	532,643	2,045,079	1,987,127	556,884	431,854	1,044,316	4,020,181
	Original CPS estimate	956,066	296,844	225,010	511,673	1,989,592	1,014,765	266,445	214,990	532,643	2,028,843	1,970,830	563,289	439,999	1,044,316	4,018,435
	Percent relative change	1.3	-6.3	-3.6	0.0	-0.7	0.4	4.6	0.0	0.0	0.8	0.8	-1.1	-1.9	0.0	0.0
4-year-old children	Population adjustment factor	1.0135	1.0332	0.9871	1.0086	N/A	1.0000	1.0000	1.0000	1.0000	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	963,336	263,342	238,725	505,669	1,971,073	1,016,658	269,871	208,481	537,250	2,032,260	1,979,994	533,214	447,206	1,042,919	4,003,333
	Original CPS estimate	950,504	254,880	241,845	501,358	1,948,587	1,016,658	269,871	208,481	537,250	2,032,260	1,967,162	524,752	450,326	1,038,607	3,980,847
	Percent relative change	1.4	3.3	-1.3	0.9	1.2	0.0	0.0	0.0	0.0	0.0	0.7	1.6	-0.7	0.4	0.6
Total children	Population adjustment factor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	3,832,633	1,095,055	865,471	2,050,592	7,843,751	4,049,220	1,122,067	887,420	2,107,139	8,165,846	7,881,853	2,217,122	1,752,890	4,157,731	16,009,597
	Original CPS estimate	3,792,098	1,153,268	903,691	2,059,398	7,908,456	4,043,665	1,151,872	887,420	2,113,014	8,195,971	7,835,763	2,305,141	1,791,111	4,172,412	16,104,427
	Percent relative change	1.1	-5.0	-4.2	-0.4	-0.8	0.1	-2.6	0.0	-0.3	-0.4	0.6	-3.8	-2.1	-0.4	-0.6

Participant Category		Female					Male					Total				
		Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic / Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic / Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic / Latino	Total
Total infants and children	Population adjustment factor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	4,768,203	1,350,513	1,061,746	2,538,770	9,719,232	5,031,396	1,383,619	1,121,756	2,644,709	10,181,480	9,799,598	2,734,133	2,183,502	5,183,479	19,900,712
	Original CPS estimate	4,727,667	1,384,893	1,080,071	2,543,414	9,736,045	5,025,841	1,388,101	1,128,655	2,650,584	10,193,181	9,753,508	2,772,994	2,208,726	5,193,998	19,929,226
	Percent relative change	0.9	-2.5	-1.7	-0.2	-0.2	0.1	-0.3	-0.6	-0.2	-0.1	0.5	-1.4	-1.1	-0.2	-0.1

Note: To calculate WIC eligibility in the CPS data, the age/race/gender specific ratios were applied to the CPS weights by age/race/gender to adjust for the undercount/overcount of children in the CPS estimates relative to the U.S. Census Bureau estimates. The ratios shown in the total columns (by age/race/gender) are for informational purposes only. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement

N/A = not applicable

Sources: NBER, n.d.; U.S. Census Bureau, 2019a, 2019b, 2020

Table A.3c-2016. Effects of Applying Population Adjustment Factors to Population Counts for Infants and Children in the 2017 CPS-ASEC by Year of Age, Race, and Gender

Participant Category		Female					Male					Total				
		Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Infants	Population adjustment factor	1.0066	1.0936	1.0943	1.0000	N/A	1.0031	1.1188	1.0000	1.0108	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	946,839	239,790	192,469	507,169	1,886,267	998,700	273,583	224,971	509,616	2,006,871	1,945,539	513,373	417,440	1,016,785	3,893,137
	Original CPS estimate	940,631	219,267	175,883	507,169	1,842,949	995,613	244,533	224,971	504,171	1,969,289	1,936,244	463,800	400,855	1,011,340	3,812,238
	Percent relative change	0.7	9.4	9.4	0.0	2.4	0.3	11.9	0.0	1.1	1.9	0.5	10.7	4.1	0.5	2.1
1-year-old children	Population adjustment factor	1.0039	0.9147	0.8865	0.9865	N/A	1.0033	0.8691	0.9537	1.0000	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	958,490	304,823	212,067	510,643	1,986,023	1,010,779	276,318	239,607	523,370	2,050,075	1,969,269	581,141	451,675	1,034,013	4,036,097
	Original CPS estimate	954,766	333,249	239,219	517,631	2,044,865	1,007,455	317,936	251,240	523,370	2,100,000	1,962,221	651,185	490,458	1,041,001	4,144,865
	Percent relative change	0.4	-8.5	-11.4	-1.4	-2.9	0.3	-13.1	-4.6	0.0	-2.4	0.4	-10.8	-7.9	-0.7	-2.6
2-year-old children	Population adjustment factor	1.0121	0.9670	0.9103	1.0157	N/A	1.0048	1.0350	1.0292	1.0000	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	965,031	292,502	225,176	503,177	1,985,886	1,014,271	279,649	216,220	536,819	2,046,959	1,979,301	572,151	441,396	1,039,996	4,032,845
	Original CPS estimate	953,494	302,484	247,364	495,399	1,998,741	1,009,425	270,192	210,085	536,819	2,026,523	1,962,919	572,677	457,450	1,032,219	4,025,264
	Percent relative change	1.2	-3.3	-9.0	1.6	-0.6	0.5	3.5	2.9	0.0	1.0	0.8	-0.1	-3.5	0.8	0.2

Participant Category		Female					Male					Total				
		Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
3-year-old children	Population adjustment factor	1.0172	0.9597	0.9438	0.9973	N/A	1.0034	1.0513	0.9171	0.9931	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	955,570	271,292	208,936	508,917	1,944,714	1,015,487	266,643	219,484	533,208	2,034,822	1,971,057	537,934	428,420	1,042,124	3,979,536
	Original CPS estimate	939,413	282,684	221,377	510,294	1,953,768	1,012,046	253,631	239,324	536,913	2,041,914	1,951,459	536,315	460,702	1,047,207	3,995,682
	Percent relative change	1.7	-4.0	-5.6	-0.3	-0.5	0.3	5.1	-8.3	-0.7	-0.3	1.0	0.3	-7.0	-0.5	-0.4
4-year-old children	Population adjustment factor	1.0124	1.0044	1.0000	1.0243	N/A	1.0040	0.9491	0.9872	1.0000	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	961,133	257,643	211,411	506,496	1,936,684	1,006,314	292,496	224,037	526,279	2,049,127	1,967,447	550,140	435,449	1,032,775	3,985,810
	Original CPS estimate	949,361	256,515	211,411	494,480	1,911,767	1,002,305	308,183	226,942	526,279	2,063,709	1,951,666	564,697	438,353	1,020,759	3,975,476
	Percent relative change	1.2	0.4	0.0	2.4	1.3	0.4	-5.1	-1.3	0.0	-0.7	0.8	-2.6	-0.7	1.2	0.3
Total children	Population adjustment factor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	3,840,224	1,126,260	857,590	2,029,232	7,853,306	4,046,851	1,115,106	899,349	2,119,676	8,180,983	7,887,075	2,241,366	1,756,939	4,148,908	16,034,289
	Original CPS estimate	3,797,033	1,174,931	919,371	2,017,804	7,909,141	4,031,231	1,149,943	927,592	2,123,381	8,232,146	7,828,264	2,324,874	1,846,963	4,141,185	16,141,287
	Percent relative change	1.1	-4.1	-6.7	0.6	-0.7	0.4	-3.0	-3.0	-0.2	-0.6	0.8	-3.6	-4.9	0.2	-0.7

Participant Category		Female					Male					Total				
		Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total	Non-Hispanic White-Only	Non-Hispanic Black-Only	Non-Hispanic Other	Hispanic/Latino	Total
Total infants and children	Population adjustment factor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Revised CPS estimate	4,787,063	1,366,050	1,050,059	2,536,401	9,739,573	5,045,551	1,388,690	1,124,321	2,629,292	10,187,853	9,832,614	2,754,740	2,174,380	5,165,693	19,927,426
	Original CPS estimate	4,737,664	1,394,198	1,095,255	2,524,973	9,752,090	5,026,844	1,394,475	1,152,563	2,627,552	10,201,435	9,764,508	2,788,674	2,247,818	5,152,525	19,953,525
	Percent relative change	1.0	-2.0	-4.1	0.5	-0.1	0.4	-0.4	-2.5	0.1	-0.1	0.7	-1.2	-3.3	0.3	-0.1

Note: To calculate WIC eligibility in the CPS data, the age/race/gender specific ratios were applied to the CPS weights by age/race/gender to adjust for the undercount/overcount of children in the CPS estimates relative to the U.S. Census Bureau estimates. The ratios shown in the total columns (by age/race/gender) are for informational purposes only. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement

N/A = not applicable

Sources: NBER, n.d.; U.S. Census Bureau, 2019a, 2019b

Table A.4. Breastfeeding Adjustment Factor Calculations for Postpartum Women Eligible for WIC: CY 2005–CY 2018

Adjustments	Breastfeeding Rates Among Postpartum Women Eligible for WIC by Race and Ethnicity													
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Breastfeeding in hospital	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Hispanic White-Only	0.6473	0.6291	0.6358	0.6162	0.6551	0.6329	0.6684	0.6769	0.7165	0.7514	0.7440	0.7884	0.7884	0.7884
Non-Hispanic Black-Only	0.4970	0.4767	0.5369	0.4996	0.5166	0.5313	0.5763	0.6087	0.5757	0.6347	0.6364	0.7019	0.7019	0.7019
Non-Hispanic Other	0.6330	0.6628	0.6781	0.7093	0.6570	0.6744	0.6940	0.6977	0.6893	0.6605	0.7161	0.7385	0.7385	0.7385
Hispanic/Latino	0.8009	0.8038	0.8038	0.8158	0.7956	0.7846	0.7912	0.7778	0.8323	0.8104	0.8184	0.8067	0.8067	0.8067
Breastfeeding at 6 months	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Hispanic White-Only	0.2801	0.2968	0.3055	0.3164	0.3268	0.3289	0.3427	0.3415	0.3807	0.4120	0.4229	0.4808	0.4808	0.4808
Non-Hispanic Black-Only	0.2043	0.2135	0.2400	0.2214	0.2294	0.2383	0.3042	0.3243	0.2971	0.3107	0.3575	0.4308	0.4308	0.4308
Non-Hispanic Other	0.3071	0.3490	0.3408	0.3360	0.3327	0.3522	0.3977	0.4102	0.4123	0.3643	0.4248	0.4370	0.4370	0.4370
Hispanic/Latino	0.3999	0.4415	0.4744	0.4715	0.4387	0.4425	0.4579	0.4576	0.4596	0.4870	0.4304	0.4746	0.4746	0.4746
Breastfeeding at 12 months	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Hispanic White-Only	0.1494	0.1409	0.1368	0.1552	0.1805	0.1808	0.1861	0.1872	0.2092	0.2396	0.2591	0.3074	0.3074	0.3074
Non-Hispanic Black-Only	0.0920	0.0921	0.1206	0.0874	0.1001	0.0806	0.1401	0.1190	0.1258	0.1365	0.1737	0.2330	0.2330	0.2330
Non-Hispanic Other	0.1672	0.2142	0.1835	0.2219	0.1737	0.1898	0.2153	0.2356	0.2632	0.1758	0.2463	0.2579	0.2579	0.2579
Hispanic/Latino	0.2164	0.2341	0.2561	0.2702	0.2410	0.2721	0.2506	0.2552	0.2410	0.2563	0.2338	0.2844	0.2844	0.2844
Other Adjustment Factors														
Multiple births/infant deaths ^a	0.9961	0.9961	0.9961	0.9961	0.9961	0.9961	0.9961	0.9961	0.9961	0.9961	0.9961	–	–	–
Non-Hispanic White-Only	–	–	–	–	–	–	–	–	–	–	–	0.9911	0.9911	0.9911
Non-Hispanic Black-Only	–	–	–	–	–	–	–	–	–	–	–	1.0019	1.0019	1.0019
Non-Hispanic Other	–	–	–	–	–	–	–	–	–	–	–	0.9944	0.9944	0.9944
Hispanic/Latino	–	–	–	–	–	–	–	–	–	–	–	0.9977	0.9977	0.9977
Loss of eligibility at 6 months	0.9400	0.9467	0.9533	0.9600	0.9667	0.9733	0.9800	0.9867	0.9933	1.000	1.000	1.000	1.000	1.000
Adjustment to average breastfeeding	0.8700	0.8700	0.8700	0.8700	0.8700	0.8700	0.8700	0.8700	0.8700	0.8700	0.8700	0.8700	0.8700	0.8700

Adjustments	Breastfeeding Rates Among Postpartum Women Eligible for WIC by Race and Ethnicity													
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Final Adjustment Factors for Estimating Postpartum Eligibility From Estimate of Infant Eligibility														
Breastfeeding adjustment factor	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Hispanic White-Only	0.3026	0.3050	0.3101	0.3160	0.3362	0.3332	0.3495	0.3519	0.3851	0.4160	0.4243	0.4731	0.4731	0.4731
Non-Hispanic Black-Only	0.2221	0.2224	0.2550	0.2309	0.2419	0.2450	0.3003	0.3123	0.2948	0.3174	0.3490	0.4123	0.4123	0.4123
Non-Hispanic Other	0.3160	0.3533	0.3466	0.3613	0.3376	0.3552	0.3876	0.4003	0.4073	0.3579	0.4159	0.4294	0.4294	0.4294
Hispanic/Latino	0.4060	0.4307	0.4521	0.4580	0.4327	0.4408	0.4453	0.4445	0.4550	0.4680	0.4377	0.4684	0.4684	0.4684
Non-breastfeeding adjustment factor	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Hispanic White-Only	0.2983	0.2986	0.2953	0.2972	0.2864	0.2908	0.2801	0.2785	0.2614	0.2469	0.2462	0.2239	0.2239	0.2239
Non-Hispanic Black-Only	0.3475	0.3499	0.3310	0.3432	0.3378	0.3326	0.3085	0.2971	0.3102	0.2944	0.2838	0.2536	0.2536	0.2536
Non-Hispanic Other	0.2955	0.2799	0.2784	0.2726	0.2847	0.2767	0.2626	0.2590	0.2604	0.2771	0.2518	0.2443	0.2443	0.2443
Hispanic/Latino	0.2388	0.2292	0.2220	0.2200	0.2315	0.2331	0.2283	0.2313	0.2190	0.2178	0.2284	0.2213	0.2213	0.2213

CY = calendar year

^a The multiple births and infant deaths adjustment factor was updated and expanded in Farson Gray et al., 2019.

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Sources: National Center for Health Statistics, n.d.; unpublished internal CDC data

Table A.5-2018. Step-by-Step Adjustments Applied to CPS-ASEC Data to Derive the Average Monthly Number of Individuals Eligible for WIC by Participant Category

Step	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non-Breastfeeding Women	Total
Total number of infants/children in CPS-ASEC data	3,688,675	4,023,616	3,937,976	3,998,954	4,086,310	16,046,856	–	–	–	19,735,530
Number after adjustment for CPS undercount/overcount	3,788,582	3,895,521	3,943,069	4,017,559	4,078,046	15,934,195	–	–	–	19,722,777
Number with annual income ≤ 185 percent of the FPG	1,272,760	1,321,789	1,338,091	1,440,680	1,318,955	5,419,515	–	–	–	6,692,275
Number adjunctively income-eligible and with annual income > 185 percent of the FPG ^a	406,189	490,506	478,975	487,848	481,028	1,938,358	–	–	–	2,344,547
Through SNAP	134,196	129,449	141,136	143,570	134,185	548,341	–	–	–	682,537
Through TANF	5,023	4,158	5,685	4,330	4,170	18,344	–	–	–	23,367
Through Medicaid	266,970	356,898	332,153	339,948	342,674	1,371,673	–	–	–	1,638,643
Total number income and adjunctively income-eligible	1,678,949	1,812,294	1,817,066	1,928,528	1,799,984	7,357,873	–	–	–	9,036,822
Number after adjustment for monthly income and certification periods	1,753,036	1,918,968	1,922,705	2,042,391	1,905,579	7,789,642	–	–	–	9,542,678
Total number eligible: Number after adjustment for nutritional risk (infants and children)	1,700,445	1,899,778	1,903,478	2,021,967	1,886,523	7,711,746	–	–	–	9,412,191
Starting point for estimates of women is number of eligible infants	–	–	–	–	–	–	1,700,445	1,700,445	1,700,445	5,101,336
Number after adjustment for length of pregnancy and income of woman during pregnancy	–	–	–	–	–	–	1,160,554	–	–	1,160,554
Number after adjustment for multiple births and infant deaths	–	–	–	–	–	–	1,156,171	1,694,023	1,694,023	4,544,217

Step	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non-Breastfeeding Women	Total
Number after adjustment for breastfeeding	–	–	–	–	–	–	–	770,293	391,251	1,161,544
Total number eligible: Number after adjustment for nutritional risk (pregnant and postpartum women)	–	–	–	–	–	–	1,121,486	770,293	391,251	2,283,030
Total number eligible in the 50 States and the District of Columbia, excluding the U.S. territories served by WIC	1,700,445	1,899,778	1,903,478	2,021,967	1,886,523	7,711,746	1,121,486	770,293	391,251	11,695,221
Total number eligible in all U.S. territories served by WIC ^b	25,113	25,954	28,243	29,765	31,358	115,320	16,575	11,389	5,779	174,176
Total number eligible in the 50 States, the District of Columbia, Puerto Rico, and the other U.S. territories served by WIC	1,725,558	1,925,732	1,931,721	2,051,732	1,917,881	7,827,066	1,138,061	781,683	397,029	11,869,397

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a Adjunctive income eligibility was counted by the first program that qualified the person for WIC, in this order: SNAP, TANF, and Medicaid.

^b See appendix B in volume II for the derivation of WIC eligibility in U.S. territories.

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Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, n.d.a; Kline et al., 2020

Table A.5-2017. Step-by-Step Adjustments Applied to CPS-ASEC Data to Derive the Average Monthly Number of Individuals Eligible for WIC by Participant Category

Step	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non-Breastfeeding Women	Total
Total number of infants/children in CPS-ASEC data	3,824,799	4,070,756	4,034,389	4,018,435	3,980,847	16,104,427	–	–	–	19,929,226
Number after adjustment for CPS undercount/overcount	3,891,116	3,955,143	4,030,940	4,020,181	4,003,333	16,009,597	–	–	–	19,900,712
Number with annual income <= 185 percent of the FPG	1,398,927	1,436,900	1,543,131	1,446,547	1,364,803	5,791,381	–	–	–	7,190,307
Number adjunctively income-eligible and with annual income > 185 percent of the FPG ^a	424,405	564,415	528,106	502,962	523,829	2,119,312	–	–	–	2,543,717
Through SNAP	172,249	114,895	160,461	137,573	129,807	542,736	–	–	–	714,985
Through TANF	2,497	8,487	7,267	4,678	2,468	22,901	–	–	–	25,398
Through Medicaid	249,659	441,033	360,378	360,711	391,554	1,553,676	–	–	–	1,803,335
Total number income and adjunctively income-eligible	1,823,332	2,001,315	2,071,237	1,949,508	1,888,632	7,910,693	–	–	–	9,734,025
Number after adjustment for monthly income and certification periods	1,909,181	2,121,604	2,192,724	2,065,465	2,000,061	8,379,854	–	–	–	10,289,035
Total number eligible: Number after adjustment for nutritional risk (infants and children)	1,851,905	2,100,388	2,170,797	2,044,811	1,980,060	8,296,056	–	–	–	10,147,961
Starting point for estimates of women is number of eligible infants	–	–	–	–	–	–	1,851,905	1,851,905	1,851,905	5,555,715
Number after adjustment for length of pregnancy and income of woman during pregnancy	–	–	–	–	–	–	1,263,925	–	–	1,263,925
Number after adjustment for multiple births and infant deaths	–	–	–	–	–	–	1,258,457	1,843,893	1,843,893	4,946,243

Step	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non-Breastfeeding Women	Total
Number after adjustment for breastfeeding	–	–	–	–	–	–	–	842,338	423,960	1,266,298
Total number eligible: Number after adjustment for nutritional risk (pregnant and postpartum women)	–	–	–	–	–	–	1,220,703	842,338	423,960	2,487,002
Total number eligible in the 50 States and the District of Columbia, excluding the U.S. territories served by WIC	1,851,905	2,100,388	2,170,797	2,044,811	1,980,060	8,296,056	1,220,703	842,338	423,960	12,634,962
Total number eligible in all U.S. territories served by WIC ^b	30,193	31,765	28,438	34,136	33,112	127,452	19,931	13,695	6,948	198,219
Total number eligible in the 50 States, the District of Columbia, Puerto Rico, and the other U.S. territories served by WIC	1,882,098	2,132,153	2,199,235	2,078,947	2,013,172	8,423,507	1,240,634	856,033	430,909	12,833,181

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a Adjunctive income eligibility was counted by the first program that qualified the person for WIC, in this order: SNAP, TANF, and Medicaid.

^b See appendix B in volume II for the derivation of WIC eligibility in U.S. territories.

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Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020, n.d.a; Thorn et al., 2018

Table A.5-2016. Step-by-Step Adjustments Applied to CPS-ASEC Data to Derive the Average Monthly Number of Individuals Eligible for WIC by Participant Category

Step	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non-Breastfeeding Women	Total
Total number of infants/children in CPS-ASEC data	3,812,238	4,144,865	4,025,264	3,995,682	3,975,476	16,141,287	–	–	–	19,953,525
Number after adjustment for CPS undercount/overcount	3,893,137	4,036,097	4,032,845	3,979,536	3,985,810	16,034,289	–	–	–	19,927,426
Number with annual income <= 185 percent of the FPG	1,327,810	1,501,435	1,507,473	1,488,461	1,446,687	5,944,056	–	–	–	7,271,865
Number adjunctively income-eligible and with annual income > 185 percent of the FPG ^a	497,802	526,235	495,221	492,444	476,205	1,990,106	–	–	–	2,487,908
Through SNAP	158,038	147,805	191,331	171,565	144,764	655,465	–	–	–	813,502
Through TANF	3,279	5,730	4,323	4,991	360	15,404	–	–	–	18,684
Through Medicaid	336,485	372,701	299,567	315,888	331,080	1,319,237	–	–	–	1,655,722
Total number income and adjunctively income-eligible	1,825,611	2,027,671	2,002,694	1,980,905	1,922,891	7,934,162	–	–	–	9,759,773
Number after adjustment for monthly income and certification periods	1,918,595	2,147,048	2,119,915	2,098,341	2,035,748	8,401,053	–	–	–	10,319,648
Total number eligible: Number after adjustment for nutritional risk (infants and children)	1,861,037	2,125,578	2,098,716	2,077,358	2,015,390	8,317,042	–	–	–	10,178,079
Starting point for estimates of women is number of eligible infants	–	–	–	–	–	–	1,861,037	1,861,037	1,861,037	5,583,112
Number after adjustment for length of pregnancy and income of woman during pregnancy	–	–	–	–	–	–	1,270,158	–	–	1,270,158
Number after adjustment for multiple births and infant deaths	–	–	–	–	–	–	1,264,470	1,852,703	1,852,703	4,969,876

Step	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non-Breastfeeding Women	Total
Number after adjustment for breastfeeding	–	–	–	–	–	–	–	845,062	427,125	1,272,187
Total number eligible: Number after adjustment for nutritional risk (pregnant and postpartum women)	–	–	–	–	–	–	1,226,536	845,062	427,125	2,498,723
Total number eligible in the 50 States and the District of Columbia, excluding the U.S. territories served by WIC	1,861,037	2,125,578	2,098,716	2,077,358	2,015,390	8,317,042	1,226,536	845,062	427,125	12,676,802
Total number eligible in all U.S. territories served by WIC ^b	29,915	34,142	35,190	34,374	37,611	141,316	19,748	13,570	6,885	211,434
Total number eligible in the 50 States, the District of Columbia, Puerto Rico, and the other U.S. territories served by WIC	1,890,953	2,159,720	2,133,906	2,111,732	2,053,001	8,458,358	1,246,284	858,632	434,010	12,888,236

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a Adjunctive income eligibility was counted by the first program that qualified the person for WIC, in this order: SNAP, TANF, and Medicaid.

^b See appendix B in volume II for the derivation of WIC eligibility in U.S. territories.

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Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a, n.d.a; Thorn et al., 2018

Table A.6a1-2018. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Unadjusted Weights, Counts)

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,224,459	395,653	1,620,112	1,380,104	505,630	1,885,734	1,338,000	478,570	1,816,570
Gender	—	—	—	—	—	—	—	—	—
Male	619,686	217,291	836,977	746,071	229,931	976,001	707,736	236,833	944,569
Female	604,773	178,362	783,135	634,033	275,699	909,732	630,265	241,737	872,002
Race	—	—	—	—	—	—	—	—	—
White	798,210	303,839	1,102,050	840,175	364,639	1,204,814	872,892	321,168	1,194,060
Black	300,166	65,105	365,271	307,535	66,444	373,978	289,377	115,382	404,759
Other	126,083	26,708	152,791	232,395	74,547	306,942	175,731	42,020	217,751
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	497,739	151,246	648,985	522,200	163,389	685,589	512,327	171,703	684,029
Non-Hispanic/Latino	726,721	244,407	971,127	857,905	342,240	1,200,145	825,674	306,867	1,132,541
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	717,399	272,873	990,272	728,364	332,509	1,060,873	738,198	318,108	1,056,307
Single-parent family	413,692	105,180	518,871	555,189	146,520	701,709	521,982	139,318	661,300
No-parent family	93,369	17,600	110,969	96,551	26,600	123,152	77,820	21,144	98,964
Related nonparent caretaker	31,865	17,600	49,465	57,379	26,600	83,980	41,722	21,144	62,866
Unrelated nonparent caretaker	61,504	0	61,504	39,172	0	39,172	36,098	0	36,098
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	65,993	44,657	110,650	68,476	55,528	124,004	63,658	32,986	96,644
Serving in U.S. military in 2018 ^c	32,086	14,235	46,321	32,815	1,561	34,377	22,817	458	23,275
Number of people in household	—	—	—	—	—	—	—	—	—
2	55,488	8,915	64,403	82,396	5,409	87,805	62,594	10,130	72,723
3	232,882	108,664	341,546	281,257	113,880	395,137	240,465	81,269	321,734
4	333,734	113,766	447,500	381,868	147,282	529,150	421,395	165,122	586,517
5	318,466	74,974	393,440	289,006	105,953	394,959	288,494	87,223	375,717
6 or more	283,889	89,334	373,223	345,577	133,105	478,683	325,053	134,826	459,879

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income-Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income-Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income-Eligible >185% FPG ^b	Total
Mean	4.7	4.6	4.7	4.6	4.9	4.7	4.6	4.9	4.7
Number with working parent(s)	765,859	315,324	1,081,183	927,984	433,582	1,361,567	954,176	405,210	1,359,387
Annual family income relative to FPG	–	–	–	–	–	–	–	–	–
No income	95,624	0	95,624	92,710	0	92,710	75,067	0	75,067
Up to 50% FPG	164,308	0	164,308	189,220	0	189,220	222,969	0	222,969
More than 50% up to 100% FPG	327,800	0	327,800	388,059	0	388,059	356,156	0	356,156
More than 100% up to 130% FPG	239,098	0	239,098	238,520	0	238,520	206,783	0	206,783
More than 130% up to 150% FPG	130,339	0	130,339	195,785	0	195,785	160,528	0	160,528
More than 150% up to 185% FPG	267,290	0	267,290	275,810	0	275,810	316,498	0	316,498
More than 185% up to 200% FPG	0	49,967	49,967	0	46,507	46,507	0	70,541	70,541
More than 200% FPG	0	345,686	345,686	0	459,123	459,123	0	408,029	408,029
Receipt of other benefits	–	–	–	–	–	–	–	–	–
No benefit receipt	372,039	0	372,039	289,929	0	289,929	314,072	0	314,072
Medicaid, SNAP, and TANF	36,336	4,339	40,674	68,477	12,979	81,456	56,608	4,881	61,489
SNAP and TANF only	21,947	0	21,947	0	0	0	0	0	0
Medicaid and SNAP only	332,480	70,033	402,513	476,983	78,034	555,017	410,476	83,913	494,389
Medicaid and TANF only	2,100	4,938	7,038	5,416	4,319	9,736	19,368	5,675	25,043
SNAP only	144,189	55,518	199,708	107,914	43,921	151,835	92,260	52,455	144,715
TANF only	0	0	0	0	0	0	0	0	0
Medicaid only	315,368	260,825	576,193	431,385	366,376	797,761	445,217	331,646	776,863

Note: These estimates were tabulated from the unadjusted person weights for the CPS-ASEC data. They are not adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: NBER, n.d.

Table A.6a1-2018 (continued). Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Unadjusted Weights, Counts)

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,431,053	485,516	1,916,569	1,326,657	481,413	1,808,071	5,475,815	1,951,128	7,426,943
Gender	—	—	—	—	—	—	—	—	—
Male	712,604	250,472	963,076	675,469	227,983	903,452	2,841,879	945,219	3,787,098
Female	718,449	235,043	953,492	651,188	253,431	904,619	2,633,936	1,005,910	3,639,845
Race	—	—	—	—	—	—	—	—	—
White	883,796	362,696	1,246,492	830,999	341,209	1,172,208	3,427,862	1,389,713	4,817,575
Black	385,045	71,379	456,424	333,492	81,313	414,805	1,315,448	334,518	1,649,966
Other	162,212	51,440	213,652	162,166	58,891	221,058	732,505	226,898	959,403
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	547,744	146,226	693,970	496,179	153,559	649,738	2,078,449	634,877	2,713,326
Non-Hispanic/Latino	883,309	339,290	1,222,598	830,479	327,854	1,158,333	3,397,366	1,316,252	4,713,618
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	745,551	324,116	1,069,667	668,925	295,037	963,962	2,881,038	1,269,770	4,150,808
Single-parent family	592,191	137,514	729,705	588,858	150,646	739,503	2,258,220	573,998	2,832,218
No-parent family	93,311	23,886	117,197	68,875	35,731	104,605	336,557	107,360	443,918
Related nonparent caretaker	59,641	23,886	83,527	40,906	35,731	76,637	199,649	107,360	307,010
Unrelated nonparent caretaker	33,670	0	33,670	27,969	0	27,969	136,908	0	136,908
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	61,414	51,623	113,037	56,201	45,984	102,185	249,749	186,121	435,871
Serving in U.S. military in 2018 ^c	19,313	0	19,313	21,171	2,133	23,305	96,117	4,153	100,270
Number of people in household	—	—	—	—	—	—	—	—	—
2	93,015	25,420	118,435	84,724	5,918	90,642	322,729	46,876	369,605
3	254,726	67,393	322,119	212,859	59,737	272,596	989,307	322,279	1,311,585
4	368,460	150,811	519,270	409,481	151,201	560,682	1,581,203	614,416	2,195,620
5	331,450	122,661	454,111	276,426	101,448	377,874	1,185,376	417,285	1,602,661
6 or more	383,402	119,232	502,634	343,167	163,109	506,277	1,397,200	550,273	1,947,472

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Mean	4.7	4.8	4.7	4.7	5.2	4.8	4.7	4.9	4.7
Number with working parent(s)	998,821	422,544	1,421,365	939,068	430,044	1,369,111	3,820,049	1,691,380	5,511,429
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	87,136	0	87,136	92,967	0	92,967	347,880	0	347,880
Up to 50% FPG	194,923	0	194,923	166,739	0	166,739	773,851	0	773,851
More than 50% up to 100% FPG	401,338	0	401,338	353,897	0	353,897	1,499,450	0	1,499,450
More than 100% up to 130% FPG	315,349	0	315,349	233,315	0	233,315	993,966	0	993,966
More than 130% up to 150% FPG	145,900	0	145,900	183,118	0	183,118	685,330	0	685,330
More than 150% up to 185% FPG	286,408	0	286,408	296,622	0	296,622	1,175,337	0	1,175,337
More than 185% up to 200% FPG	0	48,432	48,432	0	73,222	73,222	0	238,701	238,701
More than 200% FPG	0	437,084	437,084	0	408,191	408,191	0	1,712,427	1,712,427
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	327,382	0	327,382	331,837	0	331,837	1,263,219	0	1,263,219
Medicaid, SNAP, and TANF	79,410	4,249	83,659	53,387	2,233	55,620	257,882	24,343	282,224
SNAP and TANF only	4,904	0	4,904	3,556	0	3,556	8,459	0	8,459
Medicaid and SNAP only	523,256	108,084	631,339	409,369	72,788	482,157	1,820,083	342,819	2,162,902
Medicaid and TANF only	1,509	4,293	5,802	5,689	4,133	9,821	31,981	18,420	50,401
SNAP only	99,741	30,922	130,663	90,206	59,713	149,920	390,122	187,011	577,133
TANF only	0	0	0	351	0	351	351	0	351
Medicaid only	394,851	337,968	732,819	432,264	342,546	774,809	1,703,717	1,378,536	3,082,252

Note: These estimates were tabulated from the unadjusted person weights for the CPS-ASEC data. They are not adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: NBER, n.d.

Table A.6a1-2017. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Unadjusted Weights, Counts)

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,368,825	417,569	1,786,394	1,495,330	581,922	2,077,252	1,548,871	529,167	2,078,038
Gender	—	—	—	—	—	—	—	—	—
Male	739,252	217,972	957,224	727,277	293,280	1,020,558	808,156	266,534	1,074,691
Female	629,573	199,597	829,170	768,053	288,641	1,056,694	740,715	262,633	1,003,348
Race	—	—	—	—	—	—	—	—	—
White	891,135	319,560	1,210,695	913,806	406,441	1,320,247	933,081	392,187	1,325,268
Black	273,239	51,558	324,797	376,348	110,878	487,227	378,746	82,724	461,470
Other	204,451	46,451	250,902	205,176	64,602	269,779	237,044	54,256	291,300
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	556,763	141,525	698,288	540,535	155,643	696,178	531,207	200,659	731,866
Non-Hispanic/Latino	812,061	276,044	1,088,106	954,795	426,279	1,381,074	1,017,664	328,508	1,346,172
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	790,280	296,334	1,086,614	841,828	394,574	1,236,401	797,398	358,720	1,156,118
Single-parent family	515,707	108,269	623,977	576,058	145,153	721,211	668,732	140,298	809,030
No-parent family	62,837	12,966	75,803	77,445	42,195	119,640	82,741	30,149	112,890
Related nonparent caretaker	18,476	12,966	31,442	42,196	42,195	84,391	51,788	30,149	81,937
Unrelated nonparent caretaker	44,361	0	44,361	35,249	0	35,249	30,953	0	30,953
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	64,830	37,927	102,757	57,619	61,529	119,147	69,705	45,133	114,838
Serving in U.S. military in 2017 ^c	40,345	5,468	45,812	27,451	0	27,451	23,428	845	24,273
Number of people in household	—	—	—	—	—	—	—	—	—
2	67,328	11,407	78,734	87,309	7,309	94,618	80,917	13,698	94,614
3	313,208	115,065	428,273	317,204	165,216	482,420	291,890	112,312	404,203
4	341,164	96,990	438,154	389,130	137,173	526,302	385,055	160,349	545,404
5	317,436	74,385	391,821	328,696	149,113	477,809	378,087	111,152	489,238
6 or more	329,690	119,722	449,412	372,991	123,111	496,102	412,922	131,657	544,579

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Mean	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.6	4.7
Number with working parent(s)	929,943	324,059	1,254,001	969,997	483,793	1,453,790	1,132,842	466,074	1,598,916
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	93,962	0	93,962	99,802	0	99,802	94,189	0	94,189
Up to 50% FPG	238,669	0	238,669	223,474	0	223,474	214,834	0	214,834
More than 50% up to 100% FPG	407,190	0	407,190	432,865	0	432,865	396,468	0	396,468
More than 100% up to 130% FPG	285,146	0	285,146	280,054	0	280,054	338,331	0	338,331
More than 130% up to 150% FPG	126,112	0	126,112	178,183	0	178,183	173,774	0	173,774
More than 150% up to 185% FPG	217,745	0	217,745	280,953	0	280,953	331,275	0	331,275
More than 185% up to 200% FPG	0	56,259	56,259	0	74,584	74,584	0	54,081	54,081
More than 200% FPG	0	361,310	361,310	0	507,338	507,338	0	475,086	475,086
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	370,154	0	370,154	317,881	0	317,881	364,565	0	364,565
Medicaid, SNAP, and TANF	66,789	7,102	73,891	74,060	3,678	77,738	71,152	2,758	73,909
SNAP and TANF only	8,437	2,907	11,344	2,362	0	2,362	322	0	322
Medicaid and SNAP only	332,995	97,960	430,955	550,368	63,050	613,419	534,881	100,681	635,562
Medicaid and TANF only	2,870	2,264	5,134	3,650	8,830	12,480	9,095	7,276	16,371
SNAP only	199,902	59,388	259,291	136,479	54,041	190,520	91,788	57,491	149,279
TANF only	0	0	0	8,137	0	8,137	0	0	0
Medicaid only	387,677	247,946	635,624	402,393	452,322	854,715	477,067	360,962	838,029

Note: These estimates were tabulated from the unadjusted person weights for the CPS-ASEC data. They are not adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: U.S. Census Bureau, 2020

Table A.6a1-2017 (continued). Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Unadjusted Weights, Counts)

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,449,951	502,552	1,952,503	1,355,890	521,380	1,877,270	5,850,043	2,135,021	7,985,064
Gender	—	—	—	—	—	—	—	—	—
Male	701,187	252,948	954,135	671,502	294,144	965,645	2,908,123	1,106,906	4,015,029
Female	748,764	249,604	998,368	684,389	227,236	911,625	2,941,920	1,028,115	3,970,035
Race	—	—	—	—	—	—	—	—	—
White	894,880	375,104	1,269,984	856,200	357,338	1,213,538	3,597,967	1,531,071	5,129,038
Black	348,428	61,116	409,545	305,386	105,921	411,307	1,408,908	360,640	1,769,548
Other	206,643	66,331	272,974	194,304	58,121	252,425	843,167	243,310	1,086,478
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	514,795	166,745	681,540	492,755	186,527	679,282	2,079,292	709,574	2,788,867
Non-Hispanic/Latino	935,156	335,807	1,270,963	863,135	334,853	1,197,988	3,770,750	1,425,447	5,196,197
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	785,158	308,613	1,093,770	724,769	342,320	1,067,089	3,149,153	1,404,227	4,553,380
Single-parent family	568,735	159,525	728,260	564,160	147,659	711,818	2,377,684	592,635	2,970,319
No-parent family	96,059	34,414	130,473	66,961	31,401	98,363	323,206	138,159	461,365
Related nonparent caretaker	58,414	34,414	92,828	36,161	31,401	67,562	188,558	138,159	326,718
Unrelated nonparent caretaker	37,644	0	37,644	30,801	0	30,801	134,648	0	134,648
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	60,543	57,908	118,451	69,111	61,605	130,717	256,978	226,175	483,153
Serving in U.S. military in 2017 ^c	31,597	1,169	32,766	16,101	0	16,101	98,578	2,014	100,592
Number of people in household	—	—	—	—	—	—	—	—	—
2	82,630	14,015	96,645	83,113	15,123	98,237	333,969	50,145	384,114
3	256,250	76,489	332,738	190,832	68,945	259,777	1,056,177	422,962	1,479,139
4	396,238	163,064	559,302	369,243	158,102	527,345	1,539,666	618,688	2,158,353
5	327,694	105,544	433,238	293,851	135,066	428,917	1,328,328	500,875	1,829,203
6 or more	387,139	143,440	530,579	418,851	144,143	562,994	1,591,904	542,351	2,134,255

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Mean	4.7	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7
Number with working parent(s)	1,000,026	441,207	1,441,233	1,027,225	462,795	1,490,020	4,130,091	1,853,868	5,983,959
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	111,129	0	111,129	61,645	0	61,645	366,766	0	366,766
Up to 50% FPG	238,738	0	238,738	196,608	0	196,608	873,654	0	873,654
More than 50% up to 100% FPG	391,943	0	391,943	374,805	0	374,805	1,596,080	0	1,596,080
More than 100% up to 130% FPG	285,497	0	285,497	256,952	0	256,952	1,160,834	0	1,160,834
More than 130% up to 150% FPG	162,519	0	162,519	185,013	0	185,013	699,490	0	699,490
More than 150% up to 185% FPG	260,125	0	260,125	280,867	0	280,867	1,153,219	0	1,153,219
More than 185% up to 200% FPG	0	64,061	64,061	0	65,847	65,847	0	258,573	258,573
More than 200% FPG	0	438,491	438,491	0	455,534	455,534	0	1,876,448	1,876,448
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	338,308	0	338,308	342,136	0	342,136	1,362,889	0	1,362,889
Medicaid, SNAP, and TANF	64,762	8,985	73,747	47,661	8,070	55,731	257,634	23,491	281,126
SNAP and TANF only	4,504	0	4,504	0	0	0	7,188	0	7,188
Medicaid and SNAP only	524,463	80,604	605,067	512,995	77,415	590,410	2,122,708	321,750	2,444,458
Medicaid and TANF only	3,851	4,665	8,516	5,440	2,452	7,892	22,036	23,223	45,259
SNAP only	104,429	47,693	152,121	86,037	43,639	129,676	418,733	202,864	621,596
TANF only	0	0	0	0	0	0	8,137	0	8,137
Medicaid only	409,635	360,605	770,240	361,622	389,804	751,426	1,650,717	1,563,693	3,214,411

Note: These estimates were tabulated from the unadjusted person weights for the CPS-ASEC data. They are not adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: U.S. Census Bureau, 2020

Table A.6a1-2016. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Unadjusted Weights, Counts)

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,291,499	486,347	1,777,846	1,555,463	539,990	2,095,453	1,507,382	493,837	2,001,219
Gender	—	—	—	—	—	—	—	—	—
Male	710,198	256,600	966,798	756,581	306,497	1,063,078	759,379	273,069	1,032,448
Female	581,301	229,747	811,048	798,882	233,494	1,032,375	748,003	220,768	968,771
Race	—	—	—	—	—	—	—	—	—
White	873,499	348,560	1,222,059	933,517	368,922	1,302,438	939,304	349,569	1,288,873
Black	266,709	71,053	337,762	387,507	85,962	473,469	360,238	73,982	434,220
Other	151,291	66,734	218,025	234,440	85,106	319,546	207,840	70,286	278,126
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	452,491	146,720	599,211	519,506	177,323	696,829	516,116	166,920	683,036
Non-Hispanic/Latino	839,008	339,628	1,178,635	1,035,957	362,667	1,398,625	991,266	326,917	1,318,183
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	776,744	341,216	1,117,960	841,227	359,923	1,201,150	854,345	288,576	1,142,922
Single-parent family	467,810	130,790	598,599	634,053	158,735	792,788	569,558	170,476	740,034
No-parent family	46,945	14,342	61,287	80,184	21,332	101,516	83,478	34,785	118,263
Related nonparent caretaker	20,799	14,342	35,141	39,073	21,332	60,405	47,924	34,785	82,709
Unrelated nonparent caretaker	26,146	0	26,146	41,111	0	41,111	35,554	0	35,554
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	72,225	47,971	120,196	63,997	36,925	100,923	64,440	61,340	125,780
Serving in U.S. military in 2016 ^c	28,368	2,793	31,161	19,587	4,934	24,521	16,978	0	16,978
Number of people in household	—	—	—	—	—	—	—	—	—
2	87,394	10,371	97,765	113,750	14,326	128,076	67,310	15,440	82,749
3	262,081	149,305	411,387	299,665	110,056	409,720	286,346	110,711	397,057
4	365,153	116,728	481,881	401,644	141,114	542,758	417,171	136,952	554,124
5	249,230	90,094	339,324	304,024	128,074	432,098	349,433	100,420	449,853
6 or more	327,641	119,849	447,490	436,381	146,420	582,801	387,122	130,313	517,435

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Mean	4.6	4.6	4.6	4.7	4.8	4.7	4.7	4.7	4.7
Number with working parent(s)	835,980	394,884	1,230,864	1,019,485	456,904	1,476,389	1,063,538	410,664	1,474,202
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	74,483	0	74,483	105,166	0	105,166	106,951	0	106,951
Up to 50% FPG	210,320	0	210,320	272,571	0	272,571	228,136	0	228,136
More than 50% up to 100% FPG	323,153	0	323,153	457,065	0	457,065	426,494	0	426,494
More than 100% up to 130% FPG	234,333	0	234,333	294,322	0	294,322	284,269	0	284,269
More than 130% up to 150% FPG	190,841	0	190,841	163,627	0	163,627	200,234	0	200,234
More than 150% up to 185% FPG	258,369	0	258,369	262,712	0	262,712	261,297	0	261,297
More than 185% up to 200% FPG	0	53,636	53,636	0	62,155	62,155	0	61,220	61,220
More than 200% FPG	0	432,711	432,711	0	477,835	477,835	0	432,616	432,616
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	306,489	0	306,489	259,905	0	259,905	327,175	0	327,175
Medicaid, SNAP, and TANF	61,264	8,718	69,983	100,820	13,822	114,642	97,434	10,908	108,342
SNAP and TANF only	14,704	0	14,704	0	0	0	0	0	0
Medicaid and SNAP only	428,174	74,974	503,147	597,660	94,451	692,111	582,998	111,084	694,082
Medicaid and TANF only	2,821	3,249	6,070	11,347	5,776	17,123	4,536	4,351	8,887
SNAP only	164,490	69,790	234,280	147,207	44,809	192,016	102,967	69,480	172,447
TANF only	0	0	0	2,501	0	2,501	2,512	0	2,512
Medicaid only	313,558	329,616	643,173	436,023	381,133	817,156	389,759	298,014	687,773

Note: These estimates were tabulated from the unadjusted person weights for the CPS-ASEC data. They are not adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: U.S. Census Bureau, 2019a

Table A.6a1-2016 (continued). Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Unadjusted Weights, Counts)

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,494,468	495,324	1,989,792	1,445,770	474,945	1,920,715	6,003,083	2,004,097	8,007,179
Gender	—	—	—	—	—	—	—	—	—
Male	752,159	224,782	976,941	768,105	236,031	1,004,136	3,036,225	1,040,378	4,076,603
Female	742,308	270,543	1,012,851	677,665	238,914	916,579	2,966,858	963,718	3,930,576
Race	—	—	—	—	—	—	—	—	—
White	946,899	363,998	1,310,897	957,561	323,969	1,281,530	3,777,281	1,406,458	5,183,738
Black	355,083	78,603	433,686	332,132	104,687	436,818	1,434,959	343,235	1,778,193
Other	192,486	52,723	245,209	156,078	46,289	202,367	790,843	254,405	1,045,248
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	573,259	153,114	726,373	533,376	167,824	701,199	2,142,256	665,181	2,807,437
Non-Hispanic/Latino	921,208	342,211	1,263,419	912,395	307,121	1,219,516	3,860,826	1,338,916	5,199,742
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	796,247	310,729	1,106,976	763,571	285,210	1,048,781	3,255,390	1,244,439	4,499,829
Single-parent family	614,152	161,412	775,564	599,765	166,247	766,012	2,417,528	656,869	3,074,397
No-parent family	84,068	23,184	107,252	82,435	23,488	105,923	330,165	102,788	432,954
Related nonparent caretaker	45,796	23,184	68,980	58,293	23,488	81,781	191,086	102,788	293,875
Unrelated nonparent caretaker	38,272	0	38,272	24,142	0	24,142	139,079	0	139,079
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	82,339	54,133	136,472	71,263	46,296	117,559	282,040	198,695	480,734
Serving in U.S. military in 2016 ^c	15,248	5,931	21,179	23,367	4,951	28,318	75,180	15,816	90,996
Number of people in household	—	—	—	—	—	—	—	—	—
2	102,917	13,687	116,605	81,383	17,732	99,115	365,360	61,185	426,545
3	233,903	110,190	344,093	298,403	75,590	373,993	1,118,317	406,546	1,524,863
4	398,222	139,845	538,068	408,465	145,693	554,158	1,625,502	563,605	2,189,107
5	321,583	127,899	449,482	312,321	108,895	421,216	1,287,360	465,289	1,752,649
6 or more	437,842	103,703	541,545	345,199	127,035	472,234	1,606,543	507,472	2,114,014

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Mean	4.8	4.6	4.8	4.6	4.7	4.6	4.7	4.7	4.7
Number with working parent(s)	1,059,138	412,102	1,471,240	1,020,468	407,576	1,428,044	4,162,629	1,687,246	5,849,875
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	71,828	0	71,828	103,132	0	103,132	387,077	0	387,077
Up to 50% FPG	240,894	0	240,894	213,024	0	213,024	954,625	0	954,625
More than 50% up to 100% FPG	444,296	0	444,296	405,487	0	405,487	1,733,342	0	1,733,342
More than 100% up to 130% FPG	273,251	0	273,251	246,551	0	246,551	1,098,394	0	1,098,394
More than 130% up to 150% FPG	169,560	0	169,560	156,254	0	156,254	689,674	0	689,674
More than 150% up to 185% FPG	294,638	0	294,638	321,323	0	321,323	1,139,970	0	1,139,970
More than 185% up to 200% FPG	0	72,484	72,484	0	52,051	52,051	0	247,910	247,910
More than 200% FPG	0	422,840	422,840	0	422,895	422,895	0	1,756,186	1,756,186
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	329,708	0	329,708	274,929	0	274,929	1,191,718	0	1,191,718
Medicaid, SNAP, and TANF	82,966	8,021	90,987	63,923	13,265	77,188	345,143	46,016	391,159
SNAP and TANF only	0	0	0	1,546	0	1,546	1,546	0	1,546
Medicaid and SNAP only	587,358	94,687	682,045	516,194	85,675	601,870	2,284,210	385,897	2,670,107
Medicaid and TANF only	4,867	5,007	9,875	3,227	365	3,592	23,978	15,499	39,477
SNAP only	125,972	68,780	194,752	128,886	45,835	174,721	505,031	228,904	733,935
TANF only	0	0	0	0	0	0	5,013	0	5,013
Medicaid only	363,597	318,829	682,426	457,064	329,805	786,869	1,646,444	1,327,780	2,974,224

Note: These estimates were tabulated from the unadjusted person weights for the CPS-ASEC data. They are not adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: U.S. Census Bureau, 2019a

Table A.6a2-2018. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Unadjusted Weights, Percentages)

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,224,459	395,653	1,620,112	1,380,104	505,630	1,885,734	1,338,000	478,570	1,816,570
Gender	—	—	—	—	—	—	—	—	—
Male	50.6	54.9	51.7	54.1	45.5	51.8	52.9	49.5	52.0
Female	49.4	45.1	48.3	45.9	54.5	48.2	47.1	50.5	48.0
Race	—	—	—	—	—	—	—	—	—
White	65.2	76.8	68.0	60.9	72.1	63.9	65.2	67.1	65.7
Black	24.5	16.5	22.5	22.3	13.1	19.8	21.6	24.1	22.3
Other	10.3	6.8	9.4	16.8	14.7	16.3	13.1	8.8	12.0
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	40.7	38.2	40.1	37.8	32.3	36.4	38.3	35.9	37.7
Non-Hispanic/Latino	59.4	61.8	59.9	62.2	67.7	63.6	61.7	64.1	62.3
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	58.6	69.0	61.1	52.8	65.8	56.3	55.2	66.5	58.1
Single-parent family	33.8	26.6	32.0	40.2	29.0	37.2	39.0	29.1	36.4
No-parent family	7.6	4.4	6.8	7.0	5.3	6.5	5.8	4.4	5.4
Related nonparent caretaker	2.6	4.4	3.1	4.2	5.3	4.5	3.1	4.4	3.5
Unrelated nonparent caretaker	5.0	0.0	3.8	2.8	0.0	2.1	2.7	0.0	2.0
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	5.4	11.3	6.8	5.0	11.0	6.6	4.8	6.9	5.3
Serving in U.S. military in 2018 ^c	2.6	3.6	2.9	2.4	0.3	1.8	1.7	0.1	1.3
Number of people in household	—	—	—	—	—	—	—	—	—
2	4.5	2.3	4.0	6.0	1.1	4.7	4.7	2.1	4.0
3	19.0	27.5	21.1	20.4	22.5	21.0	18.0	17.0	17.7
4	27.3	28.8	27.6	27.7	29.1	28.1	31.5	34.5	32.3
5	26.0	18.9	24.3	20.9	21.0	20.9	21.6	18.2	20.7
6 or more	23.2	22.6	23.0	25.0	26.3	25.4	24.3	28.2	25.3

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Percent with working parent(s)	62.5	79.7	66.7	67.2	85.8	72.2	71.3	84.7	74.8
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	7.8	0.0	5.9	6.7	0.0	4.9	5.6	0.0	4.1
Up to 50% FPG	13.4	0.0	10.1	13.7	0.0	10.0	16.7	0.0	12.3
More than 50% up to 100% FPG	26.8	0.0	20.2	28.1	0.0	20.6	26.6	0.0	19.6
More than 100% up to 130% FPG	19.5	0.0	14.8	17.3	0.0	12.6	15.5	0.0	11.4
More than 130% up to 150% FPG	10.6	0.0	8.0	14.2	0.0	10.4	12.0	0.0	8.8
More than 150% up to 185% FPG	21.8	0.0	16.5	20.0	0.0	14.6	23.7	0.0	17.4
More than 185% up to 200% FPG	0.0	12.6	3.1	0.0	9.2	2.5	0.0	14.7	3.9
More than 200% FPG	0.0	87.4	21.3	0.0	90.8	24.3	0.0	85.3	22.5
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	30.4	0.0	23.0	21.0	0.0	15.4	23.5	0.0	17.3
SNAP, TANF, and Medicaid	3.0	1.1	2.5	5.0	2.6	4.3	4.2	1.0	3.4
SNAP and TANF only	1.8	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
SNAP and Medicaid only	27.2	17.7	24.8	34.6	15.4	29.4	30.7	17.5	27.2
TANF and Medicaid only	0.2	1.2	0.4	0.4	0.9	0.5	1.4	1.2	1.4
SNAP only	11.8	14.0	12.3	7.8	8.7	8.1	6.9	11.0	8.0
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid only	25.8	65.9	35.6	31.3	72.5	42.3	33.3	69.3	42.8

Note: These estimates were tabulated from the unadjusted person weights for the CPS-ASEC data. They are not adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: NBER, n.d.

Table A.6a2-2018 (continued). Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Unadjusted Weights, Percentages)

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,431,053	485,516	1,916,569	1,326,657	481,413	1,808,071	5,475,815	1,951,128	7,426,943
Gender	—	—	—	—	—	—	—	—	—
Male	49.8	51.6	50.3	50.9	47.4	50.0	51.9	48.4	51.0
Female	50.2	48.4	49.8	49.1	52.6	50.0	48.1	51.6	49.0
Race	—	—	—	—	—	—	—	—	—
White	61.8	74.7	65.0	62.6	70.9	64.8	62.6	71.2	64.9
Black	26.9	14.7	23.8	25.1	16.9	22.9	24.0	17.1	22.2
Other	11.3	10.6	11.1	12.2	12.2	12.2	13.4	11.6	12.9
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	38.3	30.1	36.2	37.4	31.9	35.9	38.0	32.5	36.5
Non-Hispanic/Latino	61.7	69.9	63.8	62.6	68.1	64.1	62.0	67.5	63.5
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	52.1	66.8	55.8	50.4	61.3	53.3	52.6	65.1	55.9
Single-parent family	41.4	28.3	38.1	44.4	31.3	40.9	41.2	29.4	38.1
No-parent family	6.5	4.9	6.1	5.2	7.4	5.8	6.1	5.5	6.0
Related nonparent caretaker	4.2	4.9	4.4	3.1	7.4	4.2	3.6	5.5	4.1
Unrelated nonparent caretaker	2.4	0.0	1.8	2.1	0.0	1.5	2.5	0.0	1.8
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	4.3	10.6	5.9	4.2	9.6	5.7	4.6	9.5	5.9
Serving in U.S. military in 2018 ^c	1.4	0.0	1.0	1.6	0.4	1.3	1.8	0.2	1.4
Number of people in household	—	—	—	—	—	—	—	—	—
2	6.5	5.2	6.2	6.4	1.2	5.0	5.9	2.4	5.0
3	17.8	13.9	16.8	16.0	12.4	15.1	18.1	16.5	17.7
4	25.7	31.1	27.1	30.9	31.4	31.0	28.9	31.5	29.6
5	23.2	25.3	23.7	20.8	21.1	20.9	21.6	21.4	21.6
6 or more	26.8	24.6	26.2	25.9	33.9	28.0	25.5	28.2	26.2

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Percent with working parent(s)	69.8	87.0	74.2	70.8	89.3	75.7	69.8	86.7	74.2
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	6.1	0.0	4.5	7.0	0.0	5.1	6.4	0.0	4.7
Up to 50% FPG	13.6	0.0	10.2	12.6	0.0	9.2	14.1	0.0	10.4
More than 50% up to 100% FPG	28.0	0.0	20.9	26.7	0.0	19.6	27.4	0.0	20.2
More than 100% up to 130% FPG	22.0	0.0	16.5	17.6	0.0	12.9	18.2	0.0	13.4
More than 130% up to 150% FPG	10.2	0.0	7.6	13.8	0.0	10.1	12.5	0.0	9.2
More than 150% up to 185% FPG	20.0	0.0	14.9	22.4	0.0	16.4	21.5	0.0	15.8
More than 185% up to 200% FPG	0.0	10.0	2.5	0.0	15.2	4.1	0.0	12.2	3.2
More than 200% FPG	0.0	90.0	22.8	0.0	84.8	22.6	0.0	87.8	23.1
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	22.9	0.0	17.1	25.0	0.0	18.4	23.1	0.0	17.0
Medicaid, SNAP, and TANF	5.5	0.9	4.4	4.0	0.5	3.1	4.7	1.2	3.8
SNAP and TANF only	0.3	0.0	0.3	0.3	0.0	0.2	0.2	0.0	0.1
Medicaid and SNAP only	36.6	22.3	32.9	30.9	15.1	26.7	33.2	17.6	29.1
Medicaid and TANF only	0.1	0.9	0.3	0.4	0.9	0.5	0.6	0.9	0.7
SNAP only	7.0	6.4	6.8	6.8	12.4	8.3	7.1	9.6	7.8
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid only	27.6	69.6	38.2	32.6	71.2	42.9	31.1	70.7	41.5

Note: These estimates were tabulated from the unadjusted person weights for the CPS-ASEC data. They are not adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: NBER, n.d.

Table A.6a2-2017. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Unadjusted Weights, Percentages)

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,368,825	417,569	1,786,394	1,495,330	581,922	2,077,252	1,548,871	529,167	2,078,038
Gender	—	—	—	—	—	—	—	—	—
Male	54.0	52.2	53.6	48.6	50.4	49.1	52.2	50.4	51.7
Female	46.0	47.8	46.4	51.4	49.6	50.9	47.8	49.6	48.3
Race	—	—	—	—	—	—	—	—	—
White	65.1	76.5	67.8	61.1	69.8	63.6	60.2	74.1	63.8
Black	20.0	12.3	18.2	25.2	19.1	23.5	24.5	15.6	22.2
Other	14.9	11.1	14.0	13.7	11.1	13.0	15.3	10.3	14.0
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	40.7	33.9	39.1	36.1	26.7	33.5	34.3	37.9	35.2
Non-Hispanic/Latino	59.3	66.1	60.9	63.9	73.3	66.5	65.7	62.1	64.8
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	57.7	71.0	60.8	56.3	67.8	59.5	51.5	67.8	55.6
Single-parent family	37.7	25.9	34.9	38.5	24.9	34.7	43.2	26.5	38.9
No-parent family	4.6	3.1	4.2	5.2	7.3	5.8	5.3	5.7	5.4
Related nonparent caretaker	1.4	3.1	1.8	2.8	7.3	4.1	3.3	5.7	3.9
Unrelated nonparent caretaker	3.2	0.0	2.5	2.4	0.0	1.7	2.0	0.0	1.5
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	4.7	9.1	5.8	3.9	10.6	5.7	4.5	8.5	5.5
Serving in U.S. military in 2017 ^c	2.9	1.3	2.6	1.8	0.0	1.3	1.5	0.2	1.2
Number of people in household	—	—	—	—	—	—	—	—	—
2	4.9	2.7	4.4	5.8	1.3	4.6	5.2	2.6	4.6
3	22.9	27.6	24.0	21.2	28.4	23.2	18.8	21.2	19.5
4	24.9	23.2	24.5	26.0	23.6	25.3	24.9	30.3	26.2
5	23.2	17.8	21.9	22.0	25.6	23.0	24.4	21.0	23.5
6 or more	24.1	28.7	25.2	24.9	21.2	23.9	26.7	24.9	26.2

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Percent with working parent(s)	67.9	77.6	70.2	64.9	83.1	70.0	73.1	88.1	76.9
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	6.9	0.0	5.3	6.7	0.0	4.8	6.1	0.0	4.5
Up to 50% FPG	17.4	0.0	13.4	14.9	0.0	10.8	13.9	0.0	10.3
More than 50% up to 100% FPG	29.7	0.0	22.8	28.9	0.0	20.8	25.6	0.0	19.1
More than 100% up to 130% FPG	20.8	0.0	16.0	18.7	0.0	13.5	21.8	0.0	16.3
More than 130% up to 150% FPG	9.2	0.0	7.1	11.9	0.0	8.6	11.2	0.0	8.4
More than 150% up to 185% FPG	15.9	0.0	12.2	18.8	0.0	13.5	21.4	0.0	15.9
More than 185% up to 200% FPG	0.0	13.5	3.1	0.0	12.8	3.6	0.0	10.2	2.6
More than 200% FPG	0.0	86.5	20.2	0.0	87.2	24.4	0.0	89.8	22.9
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	27.0	0.0	20.7	21.3	0.0	15.3	23.5	0.0	17.5
SNAP, TANF, and Medicaid	4.9	1.7	4.1	5.0	0.6	3.7	4.6	0.5	3.6
SNAP and TANF only	0.6	0.7	0.6	0.2	0.0	0.1	0.0	0.0	0.0
SNAP and Medicaid only	24.3	23.5	24.1	36.8	10.8	29.5	34.5	19.0	30.6
TANF and Medicaid only	0.2	0.5	0.3	0.2	1.5	0.6	0.6	1.4	0.8
SNAP only	14.6	14.2	14.5	9.1	9.3	9.2	5.9	10.9	7.2
TANF only	0.0	0.0	0.0	0.5	0.0	0.4	0.0	0.0	0.0
Medicaid only	28.3	59.4	35.6	26.9	77.7	41.1	30.8	68.2	40.3

Note: These estimates were tabulated from the unadjusted person weights for the CPS-ASEC data. They are not adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: U.S. Census Bureau, 2020

Table A.6a2-2017 (continued). Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Unadjusted Weights, Percentages)

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,449,951	502,552	1,952,503	1,355,890	521,380	1,877,270	5,850,043	2,135,021	7,985,064
Gender	—	—	—	—	—	—	—	—	—
Male	48.4	50.3	48.9	49.5	56.4	51.4	49.7	51.8	50.3
Female	51.6	49.7	51.1	50.5	43.6	48.6	50.3	48.2	49.7
Race	—	—	—	—	—	—	—	—	—
White	61.7	74.6	65.0	63.1	68.5	64.6	61.5	71.7	64.2
Black	24.0	12.2	21.0	22.5	20.3	21.9	24.1	16.9	22.2
Other	14.3	13.2	14.0	14.3	11.1	13.4	14.4	11.4	13.6
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	35.5	33.2	34.9	36.3	35.8	36.2	35.5	33.2	34.9
Non-Hispanic/Latino	64.5	66.8	65.1	63.7	64.2	63.8	64.5	66.8	65.1
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	54.2	61.4	56.0	53.5	65.7	56.8	53.8	65.8	57.0
Single-parent family	39.2	31.7	37.3	41.6	28.3	37.9	40.6	27.8	37.2
No-parent family	6.6	6.8	6.7	4.9	6.0	5.2	5.5	6.5	5.8
Related nonparent caretaker	4.0	6.8	4.8	2.7	6.0	3.6	3.2	6.5	4.1
Unrelated nonparent caretaker	2.6	0.0	1.9	2.3	0.0	1.6	2.3	0.0	1.7
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	4.2	11.5	6.1	5.1	11.8	7.0	4.4	10.6	6.1
Serving in U.S. military in 2017 ^c	2.2	0.2	1.7	1.2	0.0	0.9	1.7	0.1	1.3
Number of people in household	—	—	—	—	—	—	—	—	—
2	5.7	2.8	5.0	6.1	2.9	5.2	5.7	2.3	4.8
3	17.7	15.2	17.0	14.1	13.2	13.8	18.1	19.8	18.5
4	27.3	32.4	28.6	27.2	30.3	28.1	26.3	29.0	27.0
5	22.6	21.0	22.2	21.7	25.9	22.8	22.7	23.5	22.9
6 or more	26.7	28.5	27.2	30.9	27.6	30.0	27.2	25.4	26.7

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Percent with working parent(s)	69.0	87.8	73.8	75.8	88.8	79.4	70.6	86.8	74.9
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	7.7	0.0	5.7	4.5	0.0	3.3	6.3	0.0	4.6
Up to 50% FPG	16.5	0.0	12.2	14.5	0.0	10.5	14.9	0.0	10.9
More than 50% up to 100% FPG	27.0	0.0	20.1	27.6	0.0	20.0	27.3	0.0	20.0
More than 100% up to 130% FPG	19.7	0.0	14.6	19.0	0.0	13.7	19.8	0.0	14.5
More than 130% up to 150% FPG	11.2	0.0	8.3	13.6	0.0	9.9	12.0	0.0	8.8
More than 150% up to 185% FPG	17.9	0.0	13.3	20.7	0.0	15.0	19.7	0.0	14.4
More than 185% up to 200% FPG	0.0	12.7	3.3	0.0	12.6	3.5	0.0	12.1	3.2
More than 200% FPG	0.0	87.3	22.5	0.0	87.4	24.3	0.0	87.9	23.5
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	23.3	0.0	17.3	25.2	0.0	18.2	23.3	0.0	17.1
Medicaid, SNAP, and TANF	4.5	1.8	3.8	3.5	1.5	3.0	4.4	1.1	3.5
SNAP and TANF only	0.3	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.1
Medicaid and SNAP only	36.2	16.0	31.0	37.8	14.8	31.5	36.3	15.1	30.6
Medicaid and TANF only	0.3	0.9	0.4	0.4	0.5	0.4	0.4	1.1	0.6
SNAP only	7.2	9.5	7.8	6.3	8.4	6.9	7.2	9.5	7.8
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Medicaid only	28.3	71.8	39.4	26.7	74.8	40.0	28.2	73.2	40.3

Note: These estimates were tabulated from the unadjusted person weights for the CPS-ASEC data. They are not adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: U.S. Census Bureau, 2020

Table A.6a2-2016. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Unadjusted Weights, Percentages)

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,291,499	486,347	1,777,846	1,555,463	539,990	2,095,453	1,507,382	493,837	2,001,219
Gender	—	—	—	—	—	—	—	—	—
Male	55.0	52.8	54.4	48.6	56.8	50.7	50.4	55.3	51.6
Female	45.0	47.2	45.6	51.4	43.2	49.3	49.6	44.7	48.4
Race	—	—	—	—	—	—	—	—	—
White	67.6	71.7	68.7	60.0	68.3	62.2	62.3	70.8	64.4
Black	20.7	14.6	19.0	24.9	15.9	22.6	23.9	15.0	21.7
Other	11.7	13.7	12.3	15.1	15.8	15.3	13.8	14.2	13.9
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	35.0	30.2	33.7	33.4	32.8	33.3	34.2	33.8	34.1
Non-Hispanic/Latino	65.0	69.8	66.3	66.6	67.2	66.7	65.8	66.2	65.9
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	60.1	70.2	62.9	54.1	66.7	57.3	56.7	58.4	57.1
Single-parent family	36.2	26.9	33.7	40.8	29.4	37.8	37.8	34.5	37.0
No-parent family	3.6	2.9	3.4	5.2	4.0	4.8	5.5	7.0	5.9
Related nonparent caretaker	1.6	2.9	2.0	2.5	4.0	2.9	3.2	7.0	4.1
Unrelated nonparent caretaker	2.0	0.0	1.5	2.6	0.0	2.0	2.4	0.0	1.8
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	5.6	9.9	6.8	4.1	6.8	4.8	4.3	12.4	6.3
Serving in U.S. military in 2016 ^c	2.2	0.6	1.8	1.3	0.9	1.2	1.1	0.0	0.8
Number of people in household	—	—	—	—	—	—	—	—	—
2	6.8	2.1	5.5	7.3	2.7	6.1	4.5	3.1	4.1
3	20.3	30.7	23.1	19.3	20.4	19.6	19.0	22.4	19.8
4	28.3	24.0	27.1	25.8	26.1	25.9	27.7	27.7	27.7
5	19.3	18.5	19.1	19.5	23.7	20.6	23.2	20.3	22.5
6 or more	25.4	24.6	25.2	28.1	27.1	27.8	25.7	26.4	25.9

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Percent with working parent(s)	64.7	81.2	69.2	65.5	84.6	70.5	70.6	83.2	73.7
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	5.8	0.0	4.2	6.8	0.0	5.0	7.1	0.0	5.3
Up to 50% FPG	16.3	0.0	11.8	17.5	0.0	13.0	15.1	0.0	11.4
More than 50% up to 100% FPG	25.0	0.0	18.2	29.4	0.0	21.8	28.3	0.0	21.3
More than 100% up to 130% FPG	18.1	0.0	13.2	18.9	0.0	14.0	18.9	0.0	14.2
More than 130% up to 150% FPG	14.8	0.0	10.7	10.5	0.0	7.8	13.3	0.0	10.0
More than 150% up to 185% FPG	20.0	0.0	14.5	16.9	0.0	12.5	17.3	0.0	13.1
More than 185% up to 200% FPG	0.0	11.0	3.0	0.0	11.5	3.0	0.0	12.4	3.1
More than 200% FPG	0.0	89.0	24.3	0.0	88.5	22.8	0.0	87.6	21.6
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	23.7	0.0	17.2	16.7	0.0	12.4	21.7	0.0	16.3
SNAP, TANF, and Medicaid	4.7	1.8	3.9	6.5	2.6	5.5	6.5	2.2	5.4
SNAP and TANF only	1.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
SNAP and Medicaid only	33.2	15.4	28.3	38.4	17.5	33.0	38.7	22.5	34.7
TANF and Medicaid only	0.2	0.7	0.3	0.7	1.1	0.8	0.3	0.9	0.4
SNAP only	12.7	14.4	13.2	9.5	8.3	9.2	6.8	14.1	8.6
TANF only	0.0	0.0	0.0	0.2	0.0	0.1	0.2	0.0	0.1
Medicaid only	24.3	67.8	36.2	28.0	70.6	39.0	25.9	60.3	34.4

Note: These estimates were tabulated from the unadjusted person weights for the CPS-ASEC data. They are not adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: U.S. Census Bureau, 2019a

Table A.6a2-2016 (continued). Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Unadjusted Weights, Percentages)

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,494,468	495,324	1,989,792	1,445,770	474,945	1,920,715	6,003,083	2,004,097	8,007,179
Gender	—	—	—	—	—	—	—	—	—
Male	50.3	45.4	49.1	53.1	49.7	52.3	50.6	51.9	50.9
Female	49.7	54.6	50.9	46.9	50.3	47.7	49.4	48.1	49.1
Race	—	—	—	—	—	—	—	—	—
White	63.4	73.5	65.9	66.2	68.2	66.7	62.9	70.2	64.7
Black	23.8	15.9	21.8	23.0	22.0	22.7	23.9	17.1	22.2
Other	12.9	10.6	12.3	10.8	9.7	10.5	13.2	12.7	13.1
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	38.4	30.9	36.5	36.9	35.3	36.5	35.7	33.2	35.1
Non-Hispanic/Latino	61.6	69.1	63.5	63.1	64.7	63.5	64.3	66.8	64.9
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	53.3	62.7	55.6	52.8	60.1	54.6	54.2	62.1	56.2
Single-parent family	41.1	32.6	39.0	41.5	35.0	39.9	40.3	32.8	38.4
No-parent family	5.6	4.7	5.4	5.7	4.9	5.5	5.5	5.1	5.4
Related nonparent caretaker	3.1	4.7	3.5	4.0	4.9	4.3	3.2	5.1	3.7
Unrelated nonparent caretaker	2.6	0.0	1.9	1.7	0.0	1.3	2.3	0.0	1.7
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	5.5	10.9	6.9	4.9	9.7	6.1	4.7	9.9	6.0
Serving in U.S. military in 2016 ^c	1.0	1.2	1.1	1.6	1.0	1.5	1.3	0.8	1.1
Number of people in household	—	—	—	—	—	—	—	—	—
2	6.9	2.8	5.9	5.6	3.7	5.2	6.1	3.1	5.3
3	15.7	22.2	17.3	20.6	15.9	19.5	18.6	20.3	19.0
4	26.6	28.2	27.0	28.3	30.7	28.9	27.1	28.1	27.3
5	21.5	25.8	22.6	21.6	22.9	21.9	21.4	23.2	21.9
6 or more	29.3	20.9	27.2	23.9	26.7	24.6	26.8	25.3	26.4

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Percent with working parent(s)	70.9	83.2	73.9	70.6	85.8	74.4	69.3	84.2	73.1
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	4.8	0.0	3.6	7.1	0.0	5.4	6.4	0.0	4.8
Up to 50% FPG	16.1	0.0	12.1	14.7	0.0	11.1	15.9	0.0	11.9
More than 50% up to 100% FPG	29.7	0.0	22.3	28.0	0.0	21.1	28.9	0.0	21.6
More than 100% up to 130% FPG	18.3	0.0	13.7	17.1	0.0	12.8	18.3	0.0	13.7
More than 130% up to 150% FPG	11.3	0.0	8.5	10.8	0.0	8.1	11.5	0.0	8.6
More than 150% up to 185% FPG	19.7	0.0	14.8	22.2	0.0	16.7	19.0	0.0	14.2
More than 185% up to 200% FPG	0.0	14.6	3.6	0.0	11.0	2.7	0.0	12.4	3.1
More than 200% FPG	0.0	85.4	21.3	0.0	89.0	22.0	0.0	87.6	21.9
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	22.1	0.0	16.6	19.0	0.0	14.3	19.9	0.0	14.9
Medicaid, SNAP, and TANF	5.6	1.6	4.6	4.4	2.8	4.0	5.7	2.3	4.9
SNAP and TANF only	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
Medicaid and SNAP only	39.3	19.1	34.3	35.7	18.0	31.3	38.1	19.3	33.3
Medicaid and TANF only	0.3	1.0	0.5	0.2	0.1	0.2	0.4	0.8	0.5
SNAP only	8.4	13.9	9.8	8.9	9.7	9.1	8.4	11.4	9.2
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Medicaid only	24.3	64.4	34.3	31.6	69.4	41.0	27.4	66.3	37.1

Note: These estimates were tabulated from the unadjusted person weights for the CPS-ASEC data. They are not adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: U.S. Census Bureau, 2019a

Table A.6b1-2018. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Fully Adjusted Weights, Counts)

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,285,196	415,249	1,700,445	1,381,149	518,629	1,899,778	1,400,653	502,825	1,903,478
Gender	—	—	—	—	—	—	—	—	—
Male	641,945	227,306	869,251	761,428	239,731	1,001,158	737,553	248,070	985,624
Female	643,251	187,943	831,194	619,722	278,898	898,620	663,099	254,755	917,854
Race	—	—	—	—	—	—	—	—	—
White	823,648	316,561	1,140,208	886,032	389,353	1,275,385	928,320	342,801	1,271,121
Black	331,749	71,378	403,127	275,343	59,380	334,724	295,678	117,887	413,565
Other	129,799	27,310	157,110	219,774	69,895	289,669	176,655	42,137	218,792
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	493,711	150,126	643,838	527,457	164,587	692,044	523,144	175,314	698,458
Non-Hispanic/Latino	791,485	265,123	1,056,607	853,692	354,042	1,207,734	877,509	327,512	1,205,021
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	747,766	285,097	1,032,863	739,371	345,092	1,084,464	774,598	335,218	1,109,816
Single-parent family	438,380	110,934	549,314	546,522	146,890	693,412	543,399	145,510	688,909
No-parent family	99,050	19,218	118,268	95,255	26,646	121,902	82,656	22,097	104,752
Related nonparent caretaker	34,560	19,218	53,779	55,206	26,646	81,852	43,740	22,097	65,837
Unrelated nonparent caretaker	64,490	0	64,490	40,049	0	40,049	38,916	0	38,916
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	69,932	47,786	117,718	70,835	57,691	128,526	67,652	35,510	103,162
Serving in U.S. military in 2018 ^c	34,111	15,481	49,593	34,178	1,727	35,905	23,744	510	24,255
Number of people in household	—	—	—	—	—	—	—	—	—
2	59,526	9,430	68,956	81,950	5,985	87,936	64,928	10,394	75,322
3	246,420	116,065	362,484	284,300	118,202	402,501	252,292	85,949	338,240
4	350,309	119,931	470,240	382,721	151,038	533,759	442,386	173,918	616,305
5	332,464	76,874	409,337	285,545	109,995	395,540	302,297	91,574	393,871
6 or more	296,477	92,951	389,428	346,633	133,408	480,042	338,749	140,991	479,740

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Mean	4.7	4.6	4.7	4.6	4.8	4.7	4.6	4.8	4.7
Number with working parent(s)	802,274	330,287	1,132,561	928,686	444,801	1,373,486	999,603	425,529	1,425,132
Annual family income relative to FPG	–	–	–	–	–	–	–	–	–
No income	100,566	0	100,566	93,032	0	93,032	79,287	0	79,287
Up to 50% FPG	174,137	0	174,137	187,043	0	187,043	231,643	0	231,643
More than 50% up to 100% FPG	343,116	0	343,116	382,946	0	382,946	368,222	0	368,222
More than 100% up to 130% FPG	248,756	0	248,756	239,215	0	239,215	216,487	0	216,487
More than 130% up to 150% FPG	137,229	0	137,229	196,829	0	196,829	170,539	0	170,539
More than 150% up to 185% FPG	281,391	0	281,391	282,084	0	282,084	334,475	0	334,475
More than 185% up to 200% FPG	0	52,198	52,198	0	46,175	46,175	0	73,747	73,747
More than 200% FPG	0	363,051	363,051	0	472,454	472,454	0	429,078	429,078
Receipt of other benefits	–	–	–	–	–	–	–	–	–
No benefit receipt	388,946	0	388,946	294,549	0	294,549	330,401	0	330,401
Medicaid, SNAP, and TANF	39,443	4,482	43,925	65,780	12,930	78,710	59,017	4,985	64,002
SNAP and TANF only	23,485	0	23,485	0	0	0	0	0	0
Medicaid and SNAP only	350,689	73,386	424,076	473,681	78,137	551,818	429,594	87,842	517,436
Medicaid and TANF only	2,274	4,941	7,215	5,664	4,505	10,169	19,786	5,901	25,688
SNAP only	149,674	58,854	208,528	106,595	45,195	151,791	95,773	54,481	150,254
TANF only	0	0	0	0	0	0	0	0	0
Medicaid only	330,685	273,586	604,271	434,880	377,861	812,741	466,081	349,616	815,697

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: NBER, n.d.

Table A.6b1-2018 (continued). Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Fully Adjusted Weights, Counts)

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,505,327	516,640	2,021,967	1,378,491	508,032	1,886,523	5,665,619	2,046,126	7,711,746
Gender	—	—	—	—	—	—	—	—	—
Male	755,248	267,563	1,022,811	700,660	241,165	941,825	2,954,888	996,529	3,951,418
Female	750,079	249,076	999,156	677,831	266,868	944,698	2,710,731	1,049,597	3,760,328
Race	—	—	—	—	—	—	—	—	—
White	939,333	390,571	1,329,904	885,019	367,480	1,252,499	3,638,704	1,490,205	5,128,909
Black	403,560	74,823	478,383	333,271	81,862	415,133	1,307,852	333,952	1,641,804
Other	162,434	51,246	213,680	160,200	58,691	218,892	719,063	221,969	941,033
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	558,825	149,164	707,989	508,647	157,360	666,007	2,118,073	646,425	2,764,498
Non-Hispanic/Latino	946,502	367,475	1,313,978	869,843	350,672	1,220,515	3,547,546	1,399,702	4,947,248
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	784,587	344,645	1,129,232	699,339	311,398	1,010,738	2,997,896	1,336,355	4,334,250
Single-parent family	621,907	146,440	768,346	607,043	158,197	765,240	2,318,872	597,037	2,915,908
No-parent family	98,833	25,555	124,388	72,108	38,437	110,545	348,852	112,735	461,587
Related nonparent caretaker	63,072	25,555	88,627	42,574	38,437	81,011	204,592	112,735	317,327
Unrelated nonparent caretaker	35,761	0	35,761	29,534	0	29,534	144,260	0	144,260
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	64,958	55,541	120,500	60,272	49,575	109,848	263,718	198,317	462,035
Serving in U.S. military in 2018 ^c	20,475	0	20,475	22,731	2,377	25,108	101,129	4,614	105,743
Number of people in household	—	—	—	—	—	—	—	—	—
2	97,678	26,479	124,157	87,362	6,402	93,764	331,919	49,261	381,179
3	268,383	71,741	340,124	221,037	62,793	283,830	1,026,011	338,684	1,364,695
4	389,752	163,218	552,971	423,929	159,419	583,348	1,638,789	647,594	2,286,382
5	347,103	129,831	476,934	287,827	106,725	394,552	1,222,772	438,125	1,660,897
6 or more	402,411	125,371	527,782	358,336	172,693	531,029	1,446,129	572,463	2,018,592

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Mean	4.7	4.8	4.7	4.7	5.1	4.8	4.7	4.9	4.7
Number with working parent(s)	1,049,908	449,582	1,499,490	977,003	453,628	1,430,630	3,955,199	1,773,539	5,728,739
Annual family income relative to FPG	–	–	–	–	–	–	–	–	–
No income	91,840	0	91,840	96,547	0	96,547	360,706	0	360,706
Up to 50% FPG	204,832	0	204,832	171,080	0	171,080	794,598	0	794,598
More than 50% up to 100% FPG	420,937	0	420,937	364,512	0	364,512	1,536,617	0	1,536,617
More than 100% up to 130% FPG	331,089	0	331,089	244,963	0	244,963	1,031,754	0	1,031,754
More than 130% up to 150% FPG	153,921	0	153,921	189,397	0	189,397	710,686	0	710,686
More than 150% up to 185% FPG	302,707	0	302,707	311,992	0	311,992	1,231,259	0	1,231,259
More than 185% up to 200% FPG	0	50,974	50,974	0	77,333	77,333	0	248,229	248,229
More than 200% FPG	0	465,666	465,666	0	430,699	430,699	0	1,797,897	1,797,897
Receipt of other benefits	–	–	–	–	–	–	–	–	–
No benefit receipt	345,540	0	345,540	347,806	0	347,806	1,318,296	0	1,318,296
Medicaid, SNAP, and TANF	83,425	4,247	87,672	53,513	2,151	55,664	261,735	24,312	286,048
SNAP and TANF only	4,936	0	4,936	3,633	0	3,633	8,569	0	8,569
Medicaid and SNAP only	550,524	113,514	664,038	423,928	75,595	499,523	1,877,727	355,088	2,232,815
Medicaid and TANF only	1,673	4,764	6,437	5,907	4,587	10,494	33,030	19,758	52,788
SNAP only	105,062	33,446	138,508	93,100	62,749	155,849	400,530	195,871	596,401
TANF only	0	0	0	391	0	391	391	0	391
Medicaid only	414,168	360,669	774,837	450,212	362,951	813,163	1,765,341	1,451,097	3,216,437

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk.

This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: NBER, n.d.

Table A.6b1-2017. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Fully Adjusted Weights, Counts)

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,416,230	435,675	1,851,905	1,502,693	597,694	2,100,388	1,614,395	556,402	2,170,797
Gender	—	—	—	—	—	—	—	—	—
Male	758,312	225,372	983,684	737,800	303,265	1,041,066	842,277	279,078	1,121,356
Female	657,917	210,303	868,221	764,893	294,429	1,059,322	772,118	277,324	1,049,442
Race	—	—	—	—	—	—	—	—	—
White	918,619	333,039	1,251,658	964,023	435,604	1,399,627	990,775	417,722	1,408,497
Black	292,807	55,821	348,629	338,132	99,478	437,610	381,563	83,415	464,978
Other	204,803	46,815	251,619	200,538	62,613	263,151	242,057	55,265	297,322
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	549,881	139,731	689,612	545,579	157,509	703,088	539,235	203,665	742,900
Non-Hispanic/Latino	866,349	295,944	1,162,293	957,114	440,186	1,397,300	1,075,160	352,737	1,427,897
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	814,976	308,690	1,123,665	859,799	412,112	1,271,911	835,014	379,718	1,214,732
Single-parent family	535,855	113,674	649,528	564,998	144,379	709,376	692,451	145,681	838,132
No-parent family	65,399	13,312	78,711	77,897	41,203	119,100	86,930	31,003	117,933
Related nonparent caretaker	19,625	13,312	32,937	40,981	41,203	82,184	53,760	31,003	84,763
Unrelated nonparent caretaker	45,774	0	45,774	36,916	0	36,916	33,170	0	33,170
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	66,754	40,136	106,890	58,961	62,020	120,981	73,846	48,084	121,931
Serving in U.S. military in 2017 ^c	41,857	5,892	47,749	27,873	0	27,873	24,633	938	25,571
Number of people in household	—	—	—	—	—	—	—	—	—
2	71,010	12,015	83,025	86,883	7,574	94,457	84,865	14,120	98,985
3	326,643	121,860	448,503	319,314	169,906	489,220	304,386	117,025	421,411
4	352,219	102,013	454,232	390,847	140,683	531,531	402,212	170,561	572,773
5	326,584	78,014	404,598	329,958	153,742	483,700	393,888	117,574	511,461
6 or more	339,775	121,774	461,549	375,691	125,789	501,480	429,045	137,122	566,167

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Mean	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.6	4.7
Number with working parent(s)	962,326	338,548	1,300,874	977,898	498,860	1,476,758	1,181,244	490,820	1,672,064
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	96,840	0	96,840	103,218	0	103,218	97,797	0	97,797
Up to 50% FPG	249,531	0	249,531	219,851	0	219,851	222,679	0	222,679
More than 50% up to 100% FPG	418,760	0	418,760	431,876	0	431,876	412,537	0	412,537
More than 100% up to 130% FPG	294,323	0	294,323	280,480	0	280,480	352,215	0	352,215
More than 130% up to 150% FPG	130,457	0	130,457	183,056	0	183,056	182,353	0	182,353
More than 150% up to 185% FPG	226,319	0	226,319	284,211	0	284,211	346,814	0	346,814
More than 185% up to 200% FPG	0	58,777	58,777	0	78,478	78,478	0	56,684	56,684
More than 200% FPG	0	376,899	376,899	0	519,216	519,216	0	499,718	499,718
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	382,881	0	382,881	324,847	0	324,847	382,051	0	382,051
Medicaid, SNAP, and TANF	69,256	7,492	76,747	70,030	3,557	73,588	72,697	2,817	75,513
SNAP and TANF only	8,819	2,940	11,759	2,609	0	2,609	359	0	359
Medicaid and SNAP only	347,801	102,525	450,326	546,860	64,616	611,476	555,046	104,978	660,024
Medicaid and TANF only	2,827	2,457	5,284	3,690	8,957	12,647	9,955	7,659	17,614
SNAP only	207,061	62,385	269,445	137,151	53,255	190,406	95,910	60,156	156,065
TANF only	0	0	0	7,255	0	7,255	0	0	0
Medicaid only	397,586	257,877	655,463	410,251	467,309	877,560	498,379	380,793	879,172

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: U.S. Census Bureau, 2020

Table A.6b1-2017 (continued). Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Fully Adjusted Weights, Counts)

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,512,610	532,201	2,044,811	1,427,748	552,312	1,980,060	6,057,447	2,238,609	8,296,056
Gender	—	—	—	—	—	—	—	—	—
Male	741,738	268,841	1,010,579	702,429	310,141	1,012,570	3,024,245	1,161,325	4,185,570
Female	770,872	263,360	1,034,232	725,319	242,171	967,490	3,033,202	1,077,284	4,110,485
Race	—	—	—	—	—	—	—	—	—
White	952,683	403,576	1,356,259	912,848	384,147	1,296,995	3,820,330	1,641,048	5,461,377
Black	351,895	61,657	413,552	317,393	108,982	426,375	1,388,984	353,532	1,742,516
Other	208,032	66,968	275,000	197,507	59,183	256,690	848,134	244,029	1,092,162
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	526,007	170,376	696,383	505,479	191,455	696,933	2,116,299	723,005	2,839,304
Non-Hispanic/Latino	986,603	361,824	1,348,428	922,270	360,857	1,283,127	3,941,147	1,515,604	5,456,752
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	821,807	328,448	1,150,255	766,537	363,705	1,130,241	3,283,156	1,483,983	4,767,140
Single-parent family	591,279	167,495	758,774	590,024	155,489	745,513	2,438,752	613,043	3,051,795
No-parent family	99,523	36,258	135,781	71,188	33,118	104,306	335,538	141,582	477,121
Related nonparent caretaker	59,749	36,258	96,007	38,746	33,118	71,864	193,237	141,582	334,819
Unrelated nonparent caretaker	39,774	0	39,774	32,441	0	32,441	142,301	0	142,301
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	63,690	62,409	126,099	72,825	65,784	138,609	269,322	238,298	507,620
Serving in U.S. military in 2017 ^c	33,317	1,299	34,616	17,165	0	17,165	102,989	2,237	105,225
Number of people in household	—	—	—	—	—	—	—	—	—
2	87,032	14,750	101,783	87,327	15,893	103,221	346,108	52,337	398,445
3	267,075	82,523	349,598	200,758	72,759	273,518	1,091,534	442,213	1,533,747
4	414,197	172,055	586,252	389,487	168,281	557,769	1,596,744	651,581	2,248,324
5	340,725	112,394	453,120	309,621	144,355	453,977	1,374,192	528,066	1,902,257
6 or more	403,580	150,478	554,058	440,554	151,023	591,577	1,648,870	564,412	2,213,283

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Mean	4.7	4.8	4.7	4.8	4.8	4.8	4.7	4.7	4.7
Number with working parent(s)	1,044,882	467,131	1,512,013	1,082,649	490,107	1,572,757	4,286,673	1,946,918	6,233,591
Annual family income relative to FPG	–	–	–	–	–	–	–	–	–
No income	115,301	0	115,301	64,706	0	64,706	381,022	0	381,022
Up to 50% FPG	249,952	0	249,952	205,901	0	205,901	898,384	0	898,384
More than 50% up to 100% FPG	405,613	0	405,613	391,484	0	391,484	1,641,510	0	1,641,510
More than 100% up to 130% FPG	298,428	0	298,428	272,206	0	272,206	1,203,330	0	1,203,330
More than 130% up to 150% FPG	170,752	0	170,752	195,515	0	195,515	731,677	0	731,677
More than 150% up to 185% FPG	272,563	0	272,563	297,936	0	297,936	1,201,525	0	1,201,525
More than 185% up to 200% FPG	0	66,601	66,601	0	70,321	70,321	0	272,084	272,084
More than 200% FPG	0	465,600	465,600	0	481,990	481,990	0	1,966,525	1,966,525
Receipt of other benefits	–	–	–	–	–	–	–	–	–
No benefit receipt	354,458	0	354,458	362,581	0	362,581	1,423,937	0	1,423,937
Medicaid, SNAP, and TANF	66,250	9,721	75,971	49,538	8,496	58,034	258,515	24,591	283,106
SNAP and TANF only	4,974	0	4,974	0	0	0	7,942	0	7,942
Medicaid and SNAP only	545,527	85,381	630,909	538,408	81,612	620,020	2,185,842	336,587	2,522,429
Medicaid and TANF only	4,290	5,034	9,324	5,939	2,616	8,555	23,874	24,266	48,140
SNAP only	109,166	51,209	160,375	90,713	46,257	136,970	432,939	210,877	643,817
TANF only	0	0	0	0	0	0	7,255	0	7,255
Medicaid only	427,944	380,855	808,799	380,570	413,331	793,901	1,717,144	1,642,288	3,359,431

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: U.S. Census Bureau, 2020

Table A.6b1-2016. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Fully Adjusted Weights, Counts)

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,350,267	510,770	1,861,037	1,571,234	554,344	2,125,578	1,576,776	521,941	2,098,716
Gender	—	—	—	—	—	—	—	—	—
Male	743,094	270,027	1,013,121	763,617	316,158	1,079,776	804,484	290,522	1,095,006
Female	607,173	240,743	847,916	807,617	238,185	1,045,802	772,291	231,419	1,003,710
Race	—	—	—	—	—	—	—	—	—
White	907,717	365,621	1,273,338	989,930	393,405	1,383,335	1,004,001	375,966	1,379,967
Black	288,971	76,879	365,849	356,070	79,499	435,570	366,825	76,299	443,125
Other	153,579	68,271	221,850	225,233	81,440	306,673	205,950	69,675	275,625
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	447,606	145,047	592,654	526,794	179,862	706,656	530,947	171,651	702,599
Non-Hispanic/Latino	902,661	365,723	1,268,384	1,044,440	374,481	1,418,921	1,045,828	350,289	1,396,118
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	809,555	358,706	1,168,261	868,141	372,517	1,240,658	900,250	305,806	1,206,056
Single-parent family	490,820	137,006	627,826	622,689	160,507	783,196	588,903	179,585	768,487
No-parent family	49,892	15,058	64,950	80,404	21,319	101,723	87,623	36,550	124,173
Related nonparent caretaker	22,031	15,058	37,089	38,769	21,319	60,088	49,580	36,550	86,130
Unrelated nonparent caretaker	27,861	0	27,861	41,635	0	41,635	38,043	0	38,043
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	76,656	51,009	127,664	66,298	39,100	105,397	69,018	64,043	133,061
Serving in U.S. military in 2016 ^c	29,926	3,005	32,930	20,039	5,047	25,086	17,894	0	17,894
Number of people in household	—	—	—	—	—	—	—	—	—
2	92,746	10,450	103,196	110,801	13,663	124,464	69,811	16,107	85,918
3	275,809	158,170	433,979	303,954	114,493	418,447	298,747	118,041	416,788
4	382,567	121,870	504,437	407,909	146,580	554,489	437,902	144,936	582,838
5	259,427	95,088	354,516	309,046	129,477	438,524	365,448	106,965	472,414
6 or more	339,718	125,192	464,909	439,524	150,130	589,653	404,867	135,892	540,759

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Mean	4.6	4.6	4.6	4.7	4.8	4.7	4.7	4.7	4.7
Number with working parent(s)	873,517	414,831	1,288,348	1,035,602	469,728	1,505,330	1,115,146	434,160	1,549,306
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	77,687	0	77,687	104,357	0	104,357	111,228	0	111,228
Up to 50% FPG	220,284	0	220,284	268,379	0	268,379	236,213	0	236,213
More than 50% up to 100% FPG	336,313	0	336,313	462,545	0	462,545	444,618	0	444,618
More than 100% up to 130% FPG	245,018	0	245,018	298,248	0	298,248	300,045	0	300,045
More than 130% up to 150% FPG	199,939	0	199,939	166,510	0	166,510	210,486	0	210,486
More than 150% up to 185% FPG	271,026	0	271,026	271,195	0	271,195	274,186	0	274,186
More than 185% up to 200% FPG	0	55,249	55,249	0	64,241	64,241	0	64,104	64,104
More than 200% FPG	0	455,521	455,521	0	490,103	490,103	0	457,837	457,837
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	321,614	0	321,614	265,934	0	265,934	342,648	0	342,648
Medicaid, SNAP, and TANF	64,174	9,507	73,681	96,682	13,254	109,936	100,060	11,113	111,173
SNAP and TANF only	15,224	0	15,224	0	0	0	0	0	0
Medicaid and SNAP only	449,769	78,944	528,712	602,040	96,198	698,238	610,748	116,485	727,233
Medicaid and TANF only	2,774	3,301	6,075	11,434	5,852	17,285	5,030	4,415	9,445
SNAP only	172,297	72,060	244,357	148,258	45,774	194,032	106,207	72,551	178,758
TANF only	0	0	0	2,554	0	2,554	2,566	0	2,566
Medicaid only	324,415	346,959	671,373	444,332	393,266	837,598	409,518	317,376	726,894

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

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^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: U.S. Census Bureau, 2019a

Table A.6b1-2016 (continued). Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Fully Adjusted Weights, Counts)

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,556,879	520,479	2,077,358	1,514,605	500,785	2,015,390	6,219,494	2,097,548	8,317,042
Gender	—	—	—	—	—	—	—	—	—
Male	786,208	236,979	1,023,188	794,925	246,297	1,041,223	3,149,235	1,089,957	4,239,192
Female	770,671	283,500	1,054,170	719,680	254,488	974,168	3,070,258	1,007,592	4,077,850
Race	—	—	—	—	—	—	—	—	—
White	1,006,574	391,033	1,397,607	1,024,913	348,686	1,373,600	4,025,418	1,509,090	5,534,508
Black	363,850	79,048	442,898	330,577	104,910	435,487	1,417,322	339,757	1,757,079
Other	186,455	50,398	236,853	159,115	47,189	206,304	776,753	248,702	1,025,455
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	582,638	155,623	738,261	551,265	173,507	724,772	2,191,644	680,643	2,872,287
Non-Hispanic/Latino	974,241	364,856	1,339,097	963,341	327,278	1,290,618	4,027,850	1,416,905	5,444,755
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	832,126	326,632	1,158,758	803,540	301,858	1,105,398	3,404,057	1,306,813	4,710,870
Single-parent family	637,109	170,111	807,220	623,962	174,227	798,190	2,472,663	684,430	3,157,093
No-parent family	87,644	23,737	111,380	87,103	24,699	111,802	342,774	106,305	449,079
Related nonparent caretaker	46,971	23,737	70,707	61,460	24,699	86,160	196,781	106,305	303,086
Unrelated nonparent caretaker	40,673	0	40,673	25,642	0	25,642	145,993	0	145,993
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	86,455	57,786	144,241	75,512	49,500	125,011	297,283	210,428	507,711
Serving in U.S. military in 2016 ^c	15,895	5,930	21,825	24,859	5,152	30,011	78,687	16,128	94,815
Number of people in household	—	—	—	—	—	—	—	—	—
2	108,818	14,079	122,897	85,786	18,194	103,980	375,216	62,043	437,259
3	244,953	117,425	362,378	311,003	79,747	390,750	1,158,657	429,706	1,588,363
4	413,703	146,721	560,424	429,850	154,643	584,493	1,689,364	592,880	2,282,244
5	335,323	134,077	469,400	326,861	115,484	442,345	1,336,678	486,004	1,822,682
6 or more	454,081	108,178	562,259	361,106	132,716	493,823	1,659,579	526,916	2,186,494

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Mean	4.8	4.5	4.8	4.6	4.7	4.6	4.7	4.7	4.7
Number with working parent(s)	1,105,210	431,976	1,537,186	1,070,533	429,854	1,500,387	4,326,492	1,765,717	6,092,209
Annual family income relative to FPG	–	–	–	–	–	–	–	–	–
No income	75,431	0	75,431	107,726	0	107,726	398,742	0	398,742
Up to 50% FPG	250,713	0	250,713	220,972	0	220,972	976,278	0	976,278
More than 50% up to 100% FPG	459,457	0	459,457	423,380	0	423,380	1,790,000	0	1,790,000
More than 100% up to 130% FPG	284,375	0	284,375	258,124	0	258,124	1,140,792	0	1,140,792
More than 130% up to 150% FPG	176,137	0	176,137	165,471	0	165,471	718,603	0	718,603
More than 150% up to 185% FPG	310,766	0	310,766	338,932	0	338,932	1,195,079	0	1,195,079
More than 185% up to 200% FPG	0	77,138	77,138	0	54,300	54,300	0	259,783	259,783
More than 200% FPG	0	443,341	443,341	0	446,485	446,485	0	1,837,766	1,837,766
Receipt of other benefits	–	–	–	–	–	–	–	–	–
No benefit receipt	346,103	0	346,103	290,745	0	290,745	1,245,430	0	1,245,430
Medicaid, SNAP, and TANF	84,249	8,582	92,831	66,900	13,509	80,409	347,892	46,458	394,350
SNAP and TANF only	0	0	0	1,705	0	1,705	1,705	0	1,705
Medicaid and SNAP only	610,807	101,245	712,052	540,726	90,337	631,063	2,364,322	404,264	2,768,586
Medicaid and TANF only	5,139	5,281	10,421	3,311	368	3,678	24,913	15,916	40,829
SNAP only	132,495	72,706	205,201	132,368	47,808	180,176	519,328	238,839	758,167
TANF only	0	0	0	0	0	0	5,120	0	5,120
Medicaid only	378,085	332,665	710,750	478,850	348,764	827,614	1,710,785	1,392,071	3,102,855

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Source: U.S. Census Bureau, 2019a

Table A.6b2-2018. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Fully Adjusted Weights, Percentages)

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,285,196	415,249	1,700,445	1,381,149	518,629	1,899,778	1,400,653	502,825	1,903,478
Gender	—	—	—	—	—	—	—	—	—
Male	49.9	54.7	51.1	55.1	46.2	52.7	52.7	49.3	51.8
Female	50.1	45.3	48.9	44.9	53.8	47.3	47.3	50.7	48.2
Race	—	—	—	—	—	—	—	—	—
White	64.1	76.2	67.1	64.2	75.1	67.1	66.3	68.2	66.8
Black	25.8	17.2	23.7	19.9	11.4	17.6	21.1	23.4	21.7
Other	10.1	6.6	9.2	15.9	13.5	15.2	12.6	8.4	11.5
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	38.4	36.2	37.9	38.2	31.7	36.4	37.4	34.9	36.7
Non-Hispanic/Latino	61.6	63.8	62.1	61.8	68.3	63.6	62.7	65.1	63.3
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	58.2	68.7	60.7	53.5	66.5	57.1	55.3	66.7	58.3
Single-parent family	34.1	26.7	32.3	39.6	28.3	36.5	38.8	28.9	36.2
No-parent family	7.7	4.6	7.0	6.9	5.1	6.4	5.9	4.4	5.5
Related non-parent caretaker	2.7	4.6	3.2	4.0	5.1	4.3	3.1	4.4	3.5
Unrelated non-parent caretaker	5.0	0.0	3.8	2.9	0.0	2.1	2.8	0.0	2.0
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	5.4	11.5	6.9	5.1	11.1	6.8	4.8	7.1	5.4
Serving in U.S. military in 2018 ^c	2.7	3.7	2.9	2.5	0.3	1.9	1.7	0.1	1.3
Number of people in household	—	—	—	—	—	—	—	—	—
2	4.6	2.3	4.1	5.9	1.2	4.6	4.6	2.1	4.0
3	19.2	28.0	21.3	20.6	22.8	21.2	18.0	17.1	17.8
4	27.3	28.9	27.7	27.7	29.1	28.1	31.6	34.6	32.4
5	25.9	18.5	24.1	20.7	21.2	20.8	21.6	18.2	20.7
6 or more	23.1	22.4	22.9	25.1	25.7	25.3	24.2	28.0	25.2

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Percent with working parent(s)	62.4	79.5	66.6	67.2	85.8	72.3	71.4	84.6	74.9
Annual family income relative to FPG ^b	—	—	—	—	—	—	—	—	—
No income	7.8	0.0	5.9	6.7	0.0	4.9	5.7	0.0	4.2
Up to 50% FPG	13.5	0.0	10.2	13.5	0.0	9.8	16.5	0.0	12.2
More than 50% up to 100% FPG	26.7	0.0	20.2	27.7	0.0	20.2	26.3	0.0	19.3
More than 100% up to 130% FPG	19.4	0.0	14.6	17.3	0.0	12.6	15.5	0.0	11.4
More than 130% up to 150% FPG	10.7	0.0	8.1	14.3	0.0	10.4	12.2	0.0	9.0
More than 150% up to 185% FPG	21.9	0.0	16.5	20.4	0.0	14.8	23.9	0.0	17.6
More than 185% up to 200% FPG	0.0	12.6	3.1	0.0	8.9	2.4	0.0	14.7	3.9
More than 200% FPG ^d	0.0	87.4	21.4	0.0	91.1	24.9	0.0	85.3	22.5
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	30.3	0.0	22.9	21.3	0.0	15.5	23.6	0.0	17.4
Medicaid, SNAP, and TANF	3.1	1.1	2.6	4.8	2.5	4.1	4.2	1.0	3.4
SNAP and TANF only	1.8	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid and SNAP only	27.3	17.7	24.9	34.3	15.1	29.0	30.7	17.5	27.2
Medicaid and TANF only	0.2	1.2	0.4	0.4	0.9	0.5	1.4	1.2	1.4
SNAP only	11.6	14.2	12.3	7.7	8.7	8.0	6.8	10.8	7.9
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid only	25.7	65.9	35.5	31.5	72.9	42.8	33.3	69.5	42.9

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

^d Although 24.5 percent of infants eligible for WIC were in households with annual income that exceeded 185 percent of the FPG, among WIC participants, this percentage was much lower (2.7 percent of total participants in 2018; Kline et al., 2020). The table shows the mutually exclusive count of infants and children who were directly income-eligible for WIC (family income ≤ 185 percent of FPG) and those who appeared to be solely adjunctively income-eligible (family income > 185 percent of FPG and receiving SNAP, TANF, or Medicaid) based on annualized income.

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Source: NBER, n.d.

Table A.6b2-2018 (continued). Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Fully Adjusted Weights, Percentages)

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,505,327	516,640	2,021,967	1,378,491	508,032	1,886,523	5,665,619	2,046,126	7,711,746
Gender	—	—	—	—	—	—	—	—	—
Male	50.2	51.8	50.6	50.8	47.5	49.9	52.2	48.7	51.2
Female	49.8	48.2	49.4	49.2	52.5	50.1	47.8	51.3	48.8
Race	—	—	—	—	—	—	—	—	—
White	62.4	75.6	65.8	64.2	72.3	66.4	64.2	72.8	66.5
Black	26.8	14.5	23.7	24.2	16.1	22.0	23.1	16.3	21.3
Other	10.8	9.9	10.6	11.6	11.6	11.6	12.7	10.8	12.2
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	37.1	28.9	35.0	36.9	31.0	35.3	37.4	31.6	35.8
Non-Hispanic/Latino	62.9	71.1	65.0	63.1	69.0	64.7	62.6	68.4	64.2
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	52.1	66.7	55.8	50.7	61.3	53.6	52.9	65.3	56.2
Single-parent family	41.3	28.3	38.0	44.0	31.1	40.6	40.9	29.2	37.8
No-parent family	6.6	4.9	6.2	5.2	7.6	5.9	6.2	5.5	6.0
Related nonparent caretaker	4.2	4.9	4.4	3.1	7.6	4.3	3.6	5.5	4.1
Unrelated nonparent caretaker	2.4	0.0	1.8	2.1	0.0	1.6	2.5	0.0	1.9
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	4.3	10.8	6.0	4.4	9.8	5.8	4.7	9.7	6.0
Serving in U.S. military in 2018 ^c	1.4	0.0	1.0	1.6	0.5	1.3	1.8	0.2	1.4
Number of people in household	—	—	—	—	—	—	—	—	—
2	6.5	5.1	6.1	6.3	1.3	5.0	5.9	2.4	4.9
3	17.8	13.9	16.8	16.0	12.4	15.0	18.1	16.6	17.7
4	25.9	31.6	27.3	30.8	31.4	30.9	28.9	31.7	29.6
5	23.1	25.1	23.6	20.9	21.0	20.9	21.6	21.4	21.5
6 or more	26.7	24.3	26.1	26.0	34.0	28.1	25.5	28.0	26.2

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Percent with working parent(s)	69.7	87.0	74.2	70.9	89.3	75.8	69.8	86.7	74.3
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	6.1	0.0	4.5	7.0	0.0	5.1	6.4	0.0	4.7
Up to 50% FPG	13.6	0.0	10.1	12.4	0.0	9.1	14.0	0.0	10.3
More than 50% up to 100% FPG	28.0	0.0	20.8	26.4	0.0	19.3	27.1	0.0	19.9
More than 100% up to 130% FPG	22.0	0.0	16.4	17.8	0.0	13.0	18.2	0.0	13.4
More than 130% up to 150% FPG	10.2	0.0	7.6	13.7	0.0	10.0	12.5	0.0	9.2
More than 150% up to 185% FPG	20.1	0.0	15.0	22.6	0.0	16.5	21.7	0.0	16.0
More than 185% up to 200% FPG	0.0	9.9	2.5	0.0	15.2	4.1	0.0	12.1	3.2
More than 200% FPG ^d	0.0	90.1	23.0	0.0	84.8	22.8	0.0	87.9	23.3
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	23.0	0.0	17.1	25.2	0.0	18.4	23.3	0.0	17.1
Medicaid, SNAP, and TANF	5.5	0.8	4.3	3.9	0.4	3.0	4.6	1.2	3.7
SNAP and TANF only	0.3	0.0	0.2	0.3	0.0	0.2	0.2	0.0	0.1
Medicaid and SNAP only	36.6	22.0	32.8	30.8	14.9	26.5	33.1	17.4	29.0
Medicaid and TANF only	0.1	0.9	0.3	0.4	0.9	0.6	0.6	1.0	0.7
SNAP only	7.0	6.5	6.9	6.8	12.4	8.3	7.1	9.6	7.7
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid only	27.5	69.8	38.3	32.7	71.4	43.1	31.2	70.9	41.7

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

^d Although 26.5 percent children eligible for WIC were in households with annual income that exceeded 185 percent of the FPG, among WIC participants, this percentage was much lower (2.7 percent of total participants in 2018; Kline et al., 2020). The table shows the mutually exclusive count of children who were directly income-eligible for WIC (family income ≤ 185 percent of FPG) and those who appeared to be solely adjunctively income-eligible (family income > 185 percent of FPG and receiving SNAP, TANF, or Medicaid) based on annualized income.

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Source: NBER, n.d.

Table A.6b2-2017. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Fully Adjusted Weights, Percentages)

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,416,230	435,675	1,851,905	1,502,693	597,694	2,100,388	1,614,395	556,402	2,170,797
Gender	—	—	—	—	—	—	—	—	—
Male	53.5	51.7	53.1	49.1	50.7	49.6	52.2	50.2	51.7
Female	46.5	48.3	46.9	50.9	49.3	50.4	47.8	49.8	48.3
Race	—	—	—	—	—	—	—	—	—
White	64.9	76.4	67.6	64.2	72.9	66.6	61.4	75.1	64.9
Black	20.7	12.8	18.8	22.5	16.6	20.8	23.6	15.0	21.4
Other	14.5	10.7	13.6	13.3	10.5	12.5	15.0	9.9	13.7
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	38.8	32.1	37.2	36.3	26.4	33.5	33.4	36.6	34.2
Non-Hispanic/Latino	61.2	67.9	62.8	63.7	73.6	66.5	66.6	63.4	65.8
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	57.5	70.9	60.7	57.2	69.0	60.6	51.7	68.2	56.0
Single-parent family	37.8	26.1	35.1	37.6	24.2	33.8	42.9	26.2	38.6
No-parent family	4.6	3.1	4.3	5.2	6.9	5.7	5.4	5.6	5.4
Related non-parent caretaker	1.4	3.1	1.8	2.7	6.9	3.9	3.3	5.6	3.9
Unrelated non-parent caretaker	3.2	0.0	2.5	2.5	0.0	1.8	2.1	0.0	1.5
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	4.7	9.2	5.8	3.9	10.4	5.8	4.6	8.6	5.6
Serving in U.S. military in 2017 ^c	3.0	1.4	2.6	1.9	0.0	1.3	1.5	0.2	1.2
Number of people in household	—	—	—	—	—	—	—	—	—
2	5.0	2.8	4.5	5.8	1.3	4.5	5.3	2.5	4.6
3	23.1	28.0	24.2	21.2	28.4	23.3	18.9	21.0	19.4
4	24.9	23.4	24.5	26.0	23.5	25.3	24.9	30.7	26.4
5	23.1	17.9	21.8	22.0	25.7	23.0	24.4	21.1	23.6
6 or more	24.0	28.0	24.9	25.0	21.0	23.9	26.6	24.6	26.1

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Percent with working parent(s)	68.0	77.7	70.2	65.1	83.5	70.3	73.2	88.2	77.0
Annual family income relative to FPG ^b	—	—	—	—	—	—	—	—	—
No income	6.8	0.0	5.2	6.9	0.0	4.9	6.1	0.0	4.5
Up to 50% FPG	17.6	0.0	13.5	14.6	0.0	10.5	13.8	0.0	10.3
More than 50% up to 100% FPG	29.6	0.0	22.6	28.7	0.0	20.6	25.6	0.0	19.0
More than 100% up to 130% FPG	20.8	0.0	15.9	18.7	0.0	13.4	21.8	0.0	16.2
More than 130% up to 150% FPG	9.2	0.0	7.0	12.2	0.0	8.7	11.3	0.0	8.4
More than 150% up to 185% FPG	16.0	0.0	12.2	18.9	0.0	13.5	21.5	0.0	16.0
More than 185% up to 200% FPG	0.0	13.5	3.2	0.0	13.1	3.7	0.0	10.2	2.6
More than 200% FPG ^d	0.0	86.5	20.4	0.0	86.9	24.7	0.0	89.8	23.0
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	27.0	0.0	20.7	21.6	0.0	15.5	23.7	0.0	17.6
Medicaid, SNAP, and TANF	4.9	1.7	4.1	4.7	0.6	3.5	4.5	0.5	3.5
SNAP and TANF only	0.6	0.7	0.6	0.2	0.0	0.1	0.0	0.0	0.0
Medicaid and SNAP only	24.6	23.5	24.3	36.4	10.8	29.1	34.4	18.9	30.4
Medicaid and TANF only	0.2	0.6	0.3	0.2	1.5	0.6	0.6	1.4	0.8
SNAP only	14.6	14.3	14.6	9.1	8.9	9.1	5.9	10.8	7.2
TANF only	0.0	0.0	0.0	0.5	0.0	0.3	0.0	0.0	0.0
Medicaid only	28.1	59.2	35.4	27.3	78.2	41.8	30.9	68.4	40.5

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

^d Although 20.4 percent of infants eligible for WIC were in households with annual income that exceeded 200 percent of the FPG, among WIC participants, this percentage was much lower (1.2 percent of total participants in 2016; Thorn et al., 2018). The table shows the mutually exclusive count of infants and children who were directly income-eligible for WIC (family income ≤ 185 percent of FPG) and those who appeared to be solely adjunctively income-eligible (family income > 185 percent of FPG and receiving SNAP, TANF, or Medicaid) based on annualized income.

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Source: U.S. Census Bureau, 2020

Table A.6b2-2017 (continued). Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Fully Adjusted Weights, Percentages)

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,512,610	532,201	2,044,811	1,427,748	552,312	1,980,060	6,057,447	2,238,609	8,296,056
Gender	—	—	—	—	—	—	—	—	—
Male	49.0	50.5	49.4	49.2	56.2	51.1	49.9	51.9	50.5
Female	51.0	49.5	50.6	50.8	43.8	48.9	50.1	48.1	49.5
Race	—	—	—	—	—	—	—	—	—
White	63.0	75.8	66.3	63.9	69.6	65.5	63.1	73.3	65.8
Black	23.3	11.6	20.2	22.2	19.7	21.5	22.9	15.8	21.0
Other	13.8	12.6	13.4	13.8	10.7	13.0	14.0	10.9	13.2
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	34.8	32.0	34.1	35.4	34.7	35.2	34.9	32.3	34.2
Non-Hispanic/Latino	65.2	68.0	65.9	64.6	65.3	64.8	65.1	67.7	65.8
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	54.3	61.7	56.3	53.7	65.9	57.1	54.2	66.3	57.5
Single-parent family	39.1	31.5	37.1	41.3	28.2	37.7	40.3	27.4	36.8
No-parent family	6.6	6.8	6.6	5.0	6.0	5.3	5.5	6.3	5.8
Related nonparent caretaker	4.0	6.8	4.7	2.7	6.0	3.6	3.2	6.3	4.0
Unrelated nonparent caretaker	2.6	0.0	1.9	2.3	0.0	1.6	2.3	0.0	1.7
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	4.2	11.7	6.2	5.1	11.9	7.0	4.4	10.6	6.1
Serving in U.S. military in 2017 ^c	2.2	0.2	1.7	1.2	0.0	0.9	1.7	0.1	1.3
Number of people in household	—	—	—	—	—	—	—	—	—
2	5.8	2.8	5.0	6.1	2.9	5.2	5.7	2.3	4.8
3	17.7	15.5	17.1	14.1	13.2	13.8	18.0	19.8	18.5
4	27.4	32.3	28.7	27.3	30.5	28.2	26.4	29.1	27.1
5	22.5	21.1	22.2	21.7	26.1	22.9	22.7	23.6	22.9
6 or more	26.7	28.3	27.1	30.9	27.3	29.9	27.2	25.2	26.7

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Percent with working parent(s)	69.1	87.8	73.9	75.8	88.7	79.4	70.8	87.0	75.1
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	7.6	0.0	5.6	4.5	0.0	3.3	6.3	0.0	4.6
Up to 50% FPG	16.5	0.0	12.2	14.4	0.0	10.4	14.8	0.0	10.8
More than 50% up to 100% FPG	26.8	0.0	19.8	27.4	0.0	19.8	27.1	0.0	19.8
More than 100% up to 130% FPG	19.7	0.0	14.6	19.1	0.0	13.7	19.9	0.0	14.5
More than 130% up to 150% FPG	11.3	0.0	8.4	13.7	0.0	9.9	12.1	0.0	8.8
More than 150% up to 185% FPG	18.0	0.0	13.3	20.9	0.0	15.0	19.8	0.0	14.5
More than 185% up to 200% FPG	0.0	12.5	3.3	0.0	12.7	3.6	0.0	12.2	3.3
More than 200% FPG ^d	0.0	87.5	22.8	0.0	87.3	24.3	0.0	87.8	23.7
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	23.4	0.0	17.3	25.4	0.0	18.3	23.5	0.0	17.2
Medicaid, SNAP, and TANF	4.4	1.8	3.7	3.5	1.5	2.9	4.3	1.1	3.4
SNAP and TANF only	0.3	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.1
Medicaid and SNAP only	36.1	16.0	30.9	37.7	14.8	31.3	36.1	15.0	30.4
Medicaid and TANF only	0.3	0.9	0.5	0.4	0.5	0.4	0.4	1.1	0.6
SNAP only	7.2	9.6	7.8	6.4	8.4	6.9	7.1	9.4	7.8
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Medicaid only	28.3	71.6	39.6	26.7	74.8	40.1	28.3	73.4	40.5

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

^d Although 23.7 percent of children eligible for WIC were in households with annual income that exceeded 200 percent of the FPG, among WIC participants, this percentage was much lower (1.2 percent of total participants in 2016; Thorn et al., 2018). The table shows the mutually exclusive count children who were directly income-eligible for WIC (family income ≤ 185 percent of FPG) and those who appeared to be solely adjunctively income-eligible (family income > 185 percent of FPG and receiving SNAP, TANF, or Medicaid) based on annualized income.

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Source: U.S. Census Bureau, 2020

Table A.6b2-2016. Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Fully Adjusted Weights, Percentages)

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,350,267	510,770	1,861,037	1,571,234	554,344	2,125,578	1,576,776	521,941	2,098,716
Gender	—	—	—	—	—	—	—	—	—
Male	55.0	52.9	54.4	48.6	57.0	50.8	51.0	55.7	52.2
Female	45.0	47.1	45.6	51.4	43.0	49.2	49.0	44.3	47.8
Race	—	—	—	—	—	—	—	—	—
White	67.2	71.6	68.4	63.0	71.0	65.1	63.7	72.0	65.8
Black	21.4	15.1	19.7	22.7	14.3	20.5	23.3	14.6	21.1
Other	11.4	13.4	11.9	14.3	14.7	14.4	13.1	13.3	13.1
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	33.1	28.4	31.8	33.5	32.4	33.2	33.7	32.9	33.5
Non-Hispanic/Latino	66.9	71.6	68.2	66.5	67.6	66.8	66.3	67.1	66.5
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	60.0	70.2	62.8	55.3	67.2	58.4	57.1	58.6	57.5
Single-parent family	36.4	26.8	33.7	39.6	29.0	36.8	37.3	34.4	36.6
No-parent family	3.7	2.9	3.5	5.1	3.8	4.8	5.6	7.0	5.9
Related non-parent caretaker	1.6	2.9	2.0	2.5	3.8	2.8	3.1	7.0	4.1
Unrelated non-parent caretaker	2.1	0.0	1.5	2.7	0.0	2.0	2.4	0.0	1.8
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	5.7	10.0	6.9	4.2	7.1	5.0	4.4	12.3	6.3
Serving in U.S. military in 2016 ^c	2.2	0.6	1.8	1.3	0.9	1.2	1.1	0.0	0.9
Number of people in household	—	—	—	—	—	—	—	—	—
2	6.9	2.0	5.5	7.1	2.5	5.9	4.4	3.1	4.1
3	20.4	31.0	23.3	19.3	20.7	19.7	18.9	22.6	19.9
4	28.3	23.9	27.1	26.0	26.4	26.1	27.8	27.8	27.8
5	19.2	18.6	19.0	19.7	23.4	20.6	23.2	20.5	22.5
6 or more	25.2	24.5	25.0	28.0	27.1	27.7	25.7	26.0	25.8

Characteristics	Infants Eligible for WIC			1-Year-Old Children Eligible for WIC			2-Year-Old Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Percent with working parent(s)	64.7	81.2	69.2	65.9	84.7	70.8	70.7	83.2	73.8
Annual family income relative to FPG ^b	—	—	—	—	—	—	—	—	—
No income	5.8	0.0	4.2	6.6	0.0	4.9	7.1	0.0	5.3
Up to 50% FPG	16.3	0.0	11.8	17.1	0.0	12.6	15.0	0.0	11.3
More than 50% up to 100% FPG	24.9	0.0	18.1	29.4	0.0	21.8	28.2	0.0	21.2
More than 100% up to 130% FPG	18.1	0.0	13.2	19.0	0.0	14.0	19.0	0.0	14.3
More than 130% up to 150% FPG	14.8	0.0	10.7	10.6	0.0	7.8	13.3	0.0	10.0
More than 150% up to 185% FPG	20.1	0.0	14.6	17.3	0.0	12.8	17.4	0.0	13.1
More than 185% up to 200% FPG	0.0	10.8	3.0	0.0	11.6	3.0	0.0	12.3	3.1
More than 200% FPG ^d	0.0	89.2	24.5	0.0	88.4	23.1	0.0	87.7	21.8
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	23.8	0.0	17.3	16.9	0.0	12.5	21.7	0.0	16.3
Medicaid, SNAP, and TANF	4.8	1.9	4.0	6.2	2.4	5.2	6.3	2.1	5.3
SNAP and TANF only	1.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid and SNAP only	33.3	15.5	28.4	38.3	17.4	32.8	38.7	22.3	34.7
Medicaid and TANF only	0.2	0.6	0.3	0.7	1.1	0.8	0.3	0.8	0.5
SNAP only	12.8	14.1	13.1	9.4	8.3	9.1	6.7	13.9	8.5
TANF only	0.0	0.0	0.0	0.2	0.0	0.1	0.2	0.0	0.1
Medicaid only	24.0	67.9	36.1	28.3	70.9	39.4	26.0	60.8	34.6

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

^d Although 24.5 percent of infants eligible for WIC were in households with annual income that exceeded 200 percent of the FPG, among WIC participants, this percentage was much lower (1.2 percent of total participants in 2016; Thorn et al., 2018). The table shows the mutually exclusive count of infants and children who were directly income-eligible for WIC (family income ≤ 185 percent of FPG) and those who appeared to be solely adjunctively income-eligible (family income > 185 percent of FPG and receiving SNAP, TANF, or Medicaid) based on annualized income.

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Source: U.S. Census Bureau, 2019a

Table A.6b2-2016 (continued). Estimated Average Monthly Numbers of Infants and Children by Year of Age, Eligible for WIC by Demographic and Income Characteristics and Adjunctive Income Eligibility (Fully Adjusted Weights, Percentages)

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Total	1,556,879	520,479	2,077,358	1,514,605	500,785	2,015,390	6,219,494	2,097,548	8,317,042
Gender	—	—	—	—	—	—	—	—	—
Male	50.5	45.5	49.3	52.5	49.2	51.7	50.6	52.0	51.0
Female	49.5	54.5	50.7	47.5	50.8	48.3	49.4	48.0	49.0
Race	—	—	—	—	—	—	—	—	—
White	64.7	75.1	67.3	67.7	69.6	68.2	64.7	71.9	66.5
Black	23.4	15.2	21.3	21.8	20.9	21.6	22.8	16.2	21.1
Other	12.0	9.7	11.4	10.5	9.4	10.2	12.5	11.9	12.3
Ethnicity	—	—	—	—	—	—	—	—	—
Hispanic/Latino	37.4	29.9	35.5	36.4	34.6	36.0	35.2	32.4	34.5
Non-Hispanic/Latino	62.6	70.1	64.5	63.6	65.4	64.0	64.8	67.6	65.5
Living arrangement	—	—	—	—	—	—	—	—	—
Two-parent family	53.4	62.8	55.8	53.1	60.3	54.8	54.7	62.3	56.6
Single-parent family	40.9	32.7	38.9	41.2	34.8	39.6	39.8	32.6	38.0
No-parent family	5.6	4.6	5.4	5.8	4.9	5.5	5.5	5.1	5.4
Related nonparent caretaker	3.0	4.6	3.4	4.1	4.9	4.3	3.2	5.1	3.6
Unrelated nonparent caretaker	2.6	0.0	2.0	1.7	0.0	1.3	2.3	0.0	1.8
Military status of household members	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	5.6	11.1	6.9	5.0	9.9	6.2	4.8	10.0	6.1
Serving in U.S. military in 2016 ^c	1.0	1.1	1.1	1.6	1.0	1.5	1.3	0.8	1.1
Number of people in household	—	—	—	—	—	—	—	—	—
2	7.0	2.7	5.9	5.7	3.6	5.2	6.0	3.0	5.3
3	15.7	22.6	17.4	20.5	15.9	19.4	18.6	20.5	19.1
4	26.6	28.2	27.0	28.4	30.9	29.0	27.2	28.3	27.4
5	21.5	25.8	22.6	21.6	23.1	21.9	21.5	23.2	21.9
6 or more	29.2	20.8	27.1	23.8	26.5	24.5	26.7	25.1	26.3

Characteristics	3-Year-Old Children Eligible for WIC			4-Year-Old Children Eligible for WIC			Children Eligible for WIC		
	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total	Family Income ≤ 185% FPG ^a	Adjunctively Income- Eligible >185% FPG ^b	Total
Percent with working parent(s)	71.0	83.0	74.0	70.7	85.8	74.4	69.6	84.2	73.3
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—
No income	4.8	0.0	3.6	7.1	0.0	5.3	6.4	0.0	4.8
Up to 50% FPG	16.1	0.0	12.1	14.6	0.0	11.0	15.7	0.0	11.7
More than 50% up to 100% FPG	29.5	0.0	22.1	28.0	0.0	21.0	28.8	0.0	21.5
More than 100% up to 130% FPG	18.3	0.0	13.7	17.0	0.0	12.8	18.3	0.0	13.7
More than 130% up to 150% FPG	11.3	0.0	8.5	10.9	0.0	8.2	11.6	0.0	8.6
More than 150% up to 185% FPG	20.0	0.0	15.0	22.4	0.0	16.8	19.2	0.0	14.4
More than 185% up to 200% FPG	0.0	14.8	3.7	0.0	10.8	2.7	0.0	12.4	3.1
More than 200% FPG ^d	0.0	85.2	21.3	0.0	89.2	22.2	0.0	87.6	22.1
Receipt of other benefits	—	—	—	—	—	—	—	—	—
No benefit receipt	22.2	0.0	16.7	19.2	0.0	14.4	20.0	0.0	15.0
Medicaid, SNAP, and TANF	5.4	1.6	4.5	4.4	2.7	4.0	5.6	2.2	4.7
SNAP and TANF only	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
Medicaid and SNAP only	39.2	19.5	34.3	35.7	18.0	31.3	38.0	19.3	33.3
Medicaid and TANF only	0.3	1.0	0.5	0.2	0.1	0.2	0.4	0.8	0.5
SNAP only	8.5	14.0	9.9	8.7	9.5	8.9	8.4	11.4	9.1
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Medicaid only	24.3	63.9	34.2	31.6	69.6	41.1	27.5	66.4	37.3

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The WIC economic unit is defined as all individuals in the CPS-ASEC household who are related by blood, marriage, or adoption, plus the unmarried partner of any family member as well as that partner's dependents. Infants and children in economic units with annual income less than or equal to 185 percent of the FPG for the unit's size are income-eligible for WIC.

^b Adjunctively income-eligible infants and children were in economic units that reported participating in Medicaid, SNAP, or TANF during the prior year and had annual income exceeding 185 percent of the FPG for the unit's size.

^c The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

^d Although 22.1 percent of children eligible for WIC were in households with annual income that exceeded 200 percent of the FPG, among WIC participants, this percentage was much lower (1.2 percent of total participants in 2016; Thorn et al., 2018). The table shows the mutually exclusive count of children who were directly income-eligible for WIC (family income ≤ 185 percent of FPG) and those who appeared to be solely adjunctively income-eligible (family income > 185 percent of FPG and receiving SNAP, TANF, or Medicaid) based on annualized income.

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Source: U.S. Census Bureau, 2019a

Table A.7. Changes in the Total Population, Total WIC Eligibility, and WIC Eligibility Rates by Participant Category: CY 2016–CY 2018

Participant Category	2016	2017	2018	Percent Change 2016–2018
Total Population				
Infants	3,929,773	3,924,906	3,817,508	-2.9*
Children	16,191,683	16,155,807	16,063,431	-0.8*
1-year-old children	4,073,396	3,989,451	3,924,580	-3.7*
2-year-old children	4,071,608	4,066,840	3,974,744	-2.4*
3-year-old children	4,019,444	4,057,594	4,050,942	0.8
4-year-old children	4,027,234	4,041,923	4,113,165	2.1*
Pregnant women	2,931,489	2,927,962	2,847,899	-2.9*
Postpartum women	3,908,652	3,903,950	3,797,198	-2.9*
Breastfeeding women	2,291,169	2,287,227	2,222,934	-3.0*
Non-breastfeeding women	1,617,483	1,616,723	1,574,264	-2.7*
Total	26,961,597	26,912,626	26,526,035	-1.6*
Total Eligible				
Infants	1,890,953	1,882,098	1,725,558	-8.7*
Children	8,458,358	8,423,507	7,827,066	-7.5*
1-year-old children	2,159,720	2,132,153	1,925,732	-10.8*
2-year-old children	2,133,906	2,199,235	1,931,721	-9.5*
3-year-old children	2,111,732	2,078,947	2,051,732	-2.8
4-year-old children	2,053,001	2,013,172	1,917,881	-6.6*
Pregnant women	1,246,284	1,240,634	1,138,061	-8.7*
Postpartum women	1,292,642	1,286,942	1,178,712	-8.8*
Breastfeeding women	858,632	856,033	781,683	-9.0*
Non-breastfeeding women	434,010	430,909	397,029	-8.5*
Total	12,888,236	12,833,181	11,869,397	-7.9*
Eligibility Rate				
Infants	48.1	48.0	45.2	-6.1*
Children	52.2	52.1	48.7	-6.7*
1-year-old children	53.0	53.4	49.1	-7.5*
2-year-old children	52.4	54.1	48.6	-7.3*
3-year-old children	52.5	51.2	50.6	-3.6
4-year-old children	51.0	49.8	46.6	-8.5*
Pregnant women	42.5	42.4	40.0	-6.0
Postpartum women	33.1	33.0	31.0	-6.1*
Breastfeeding women	37.5	37.4	35.2	-6.2*
Non-breastfeeding women	26.8	26.7	25.2	-6.0*
Total	47.8	47.7	44.7	-6.4*

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; CY = calendar year

* indicates a statistically significant difference between the 2016 and 2018 estimates of individuals eligible for WIC or WIC eligibility rate at the 95-percent confidence level. The statistical significance testing was conducted on the 2016–2018 change in WIC eligibility based on the CPS-ASEC data, which included data only for States. It did not include data for Puerto Rico or the other U.S. territories served by WIC.

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020, n.d.a

Table A.8. Stepwise Comparison of Changes in Average Monthly Numbers of Infants and Children Eligible for WIC as Estimated in the March CPS-ASEC: CY 2016–CY 2018

Step	Infants	Children	Total
2016			
Total number of infants/children in the March CPS	3,812,238	16,141,287	19,953,525
Number (non-U.S. territory) after adjustment for CPS undercount/overcount	3,893,137	16,034,289	19,927,426
Number with annual income < 185% FPG	1,327,810	5,944,056	7,271,865
Number with adjunctive income eligibility	497,802	1,990,106	2,487,908
Through SNAP	158,038	655,465	813,502
Through TANF	3,279	15,404	18,684
Through Medicaid	336,485	1,319,237	1,655,722
Number before monthly income adjustment	1,825,611	7,934,162	9,759,773
Number after monthly income adjustment	1,918,595	8,401,053	10,319,648
Total eligibility: Number after adjustment for nutritional risk (infants and children)	1,861,037	8,317,042	10,178,079
2017			
Total number of infants/children in the March CPS	3,824,799	16,104,427	19,929,226
Number (non-U.S. territory) after adjustment for CPS undercount/overcount	3,891,116	16,009,597	19,900,712
Number with annual income < 185% FPG	1,398,927	5,791,381	7,190,307
Number with adjunctive income eligibility	424,405	2,119,312	2,543,717
Through SNAP	172,249	542,736	714,985
Through TANF	2,497	22,901	25,398
Through Medicaid	249,659	1,553,676	1,803,335
Number before monthly income adjustment	1,823,332	7,910,693	9,734,025
Number after monthly income adjustment	1,909,181	8,379,854	10,289,035
Total eligibility: Number after adjustment for nutritional risk (infants and children)	1,851,905	8,296,056	10,147,961
2018			
Total number of infants/children in the March CPS	3,688,675	16,046,856	19,735,530
Number (non-U.S. territory) after adjustment for CPS undercount/overcount	3,788,582	15,934,195	19,722,777
Number with annual income < 185% FPG	1,272,760	5,419,515	6,692,275
Number with adjunctive income eligibility	406,189	1,938,358	2,344,547
Through SNAP	134,196	548,341	682,537
Through TANF	5,023	18,344	23,367
Through Medicaid	266,970	1,371,673	1,638,643
Number before monthly income adjustment	1,678,949	7,357,873	9,036,822
Number after monthly income adjustment	1,753,036	7,789,642	9,542,678
Total eligibility: Number after adjustment for nutritional risk (infants and children)	1,700,445	7,711,746	9,412,191

Step	Infants	Children	Total
Percent Change 2016–2018			
Total number of infants/children in the March CPS	-3.2	-0.6	-1.1
Number (non-U.S. territory) after adjustment for CPS undercount/overcount	-2.7	-0.6	-1.0
Number with annual income < 185% FPG	-4.1	-8.8	-8.0
Number with adjunctive income eligibility	-18.4	-2.6	-5.8
Through SNAP	-15.1	-16.3	-16.1
Through TANF	53.2	19.1	25.1
Through Medicaid	-20.7	4.0	-1.0
Number before monthly income adjustment	-8.0	-7.3	-7.4
Number after monthly income adjustment	-8.6	-7.3	-7.5
Total eligibility: Number after adjustment for nutritional risk (infants and children)	-8.6	-7.3	-7.5

Note: This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; CY = calendar year; FPG = Federal Poverty Guidelines; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

Sources: NBER, n.d.; IPUMS-USA, n.d.; U.S. Census Bureau, 2019a, 2020, n.d.a; Thorn et al., 2018; Kline et al., 2020

Table A.9-2018. Standard Error and Coefficient of Variation for Estimates by Participant Category

Participant Category	Estimate		Standard Error		Coefficient of Variation (Percent)	
	Total Population	Eligible for WIC	Total Population	Eligible for WIC	Total Population	Eligible for WIC
Infants	3,788,582	1,700,445	40,983	56,039	1.1	3.3
Children	15,934,195	7,711,746	34,376	111,228	0.2	1.4
1-year-old children	3,895,521	1,899,778	33,957	50,193	0.9	2.6
2-year-old children	3,943,069	1,903,478	43,961	57,389	1.1	3.0
3-year-old children	4,017,559	2,021,967	44,565	55,066	1.1	2.7
4-year-old children	4,078,046	1,886,523	40,342	50,293	1.0	2.7
Pregnant women	2,826,271	1,121,486	30,713	36,970	1.1	3.3
Postpartum breastfeeding women	2,206,029	770,293	22,275	25,124	1.0	3.3
Postpartum non-breastfeeding women	1,562,332	391,251	19,056	13,110	1.2	3.4
Total	26,317,409	11,695,221	78,753	180,551	0.3	1.5

Note: The coefficient of variation is defined as the ratio of the standard error to the eligibility estimate. This table does not include estimates for Puerto Rico or the other U.S. territories.

Source: NBER, n.d.

Table A.9-2017. Standard Error and Coefficient of Variation for Estimates by Participant Category

Participant Category	Estimate		Standard Error		Coefficient of Variation (Percent)	
	Total Population	Eligible for WIC	Total Population	Eligible for WIC	Total Population	Eligible for WIC
Infants	3,891,116	1,851,905	48,589	59,281	1.2	3.2
Children	16,009,597	8,296,056	42,046	115,655	0.3	1.4
1-year-old children	3,955,143	2,100,388	42,018	56,505	1.1	2.7
2-year-old children	4,030,940	2,170,797	41,484	51,047	1.0	2.4
3-year-old children	4,020,181	2,044,811	37,677	53,506	0.9	2.6
4-year-old children	4,003,333	1,980,060	41,123	54,729	1.0	2.8
Pregnant women	2,902,695	1,220,703	36,387	39,088	1.3	3.2
Postpartum breastfeeding women	2,267,477	842,338	26,904	26,847	1.2	3.2
Postpartum non-breastfeeding women	1,602,782	423,960	21,975	13,693	1.4	3.2
Total	26,673,666	12,634,962	91,790	178,407	0.3	1.4

Note: The coefficient of variation is defined as the ratio of the standard error to the eligibility estimate. This table does not include estimates for Puerto Rico or the other U.S. territories.

Source: U.S. Census Bureau, 2020

Table A.9-2016. Standard Error and Coefficient of Variation for Estimates by Participant Category

Participant Category	Estimate		Standard Error		Coefficient of Variation (Percent)	
	Total Population	Eligible for WIC	Total Population	Eligible for WIC	Total Population	Eligible for WIC
Infants	3,893,137	1,861,037	41,991	63,283	1.1	3.4
Children	16,034,289	8,317,042	35,928	104,615	0.2	1.3
1-year-old children	4,036,097	2,125,578	36,072	50,589	0.9	2.4
2-year-old children	4,032,845	2,098,716	41,230	51,790	1.0	2.5
3-year-old children	3,979,536	2,077,358	39,552	50,834	1.0	2.4
4-year-old children	3,985,810	2,015,390	38,505	53,845	1.0	2.7
Pregnant women	2,904,091	1,226,536	31,452	41,736	1.1	3.4
Postpartum breastfeeding women	2,269,755	845,062	23,143	28,519	1.0	3.4
Postpartum non-breastfeeding women	1,602,366	427,125	19,135	14,690	1.2	3.4
Total	26,703,638	12,676,802	79,855	195,131	0.3	1.5

Note: The coefficient of variation is defined as the ratio of the standard error to the eligibility estimate. This table does not include estimates for Puerto Rico or the other U.S. territories.

Source: U.S. Census Bureau, 2019a

Appendix B. Detailed Tables for Regional- and State-Level WIC Estimates: CY 2016–CY 2018

The tables in this appendix present detailed estimates of individuals eligible for WIC and coverage rates by FNS region and State for 2016, 2017, and 2018. Because of changes to the underlying data used to produce estimates of WIC eligibility, the 2016 and 2017 estimates were updated for the 2018 report (see chapter 2 in volume I for more information).

A list of the seven FNS regions and the States included in each region in 2018 follows.² Note that the District of Columbia and U.S. territories are included in references to States unless otherwise indicated.

FNS Regions and the States Within Each Region in CY 2016–CY 2018

- | | | |
|--|--|--|
| <p>▶ Northeast</p> <ul style="list-style-type: none">▪ Connecticut▪ Maine▪ Massachusetts▪ New Hampshire▪ New York▪ Rhode Island▪ Vermont | <p>▶ Southeast</p> <ul style="list-style-type: none">▪ Alabama▪ Florida▪ Georgia▪ Kentucky▪ Mississippi▪ North Carolina▪ South Carolina▪ Tennessee | <p>▶ Mountain Plains</p> <ul style="list-style-type: none">▪ Colorado▪ Iowa▪ Kansas▪ Missouri▪ Montana▪ Nebraska▪ North Dakota▪ South Dakota▪ Utah▪ Wyoming |
| <p>▶ Mid-Atlantic</p> <ul style="list-style-type: none">▪ Delaware▪ District of Columbia▪ Maryland▪ New Jersey▪ Pennsylvania▪ Puerto Rico▪ U.S. Virgin Islands▪ Virginia▪ West Virginia | <p>▶ Midwest</p> <ul style="list-style-type: none">▪ Illinois▪ Indiana▪ Michigan▪ Minnesota▪ Ohio▪ Wisconsin | <p>▶ Western</p> <ul style="list-style-type: none">▪ Alaska▪ American Samoa▪ Arizona▪ California▪ Guam▪ Hawaii▪ Idaho▪ Nevada▪ Northern Mariana Islands▪ Oregon▪ Washington |
| | <p>▶ Southwest</p> <ul style="list-style-type: none">▪ Arkansas▪ Louisiana▪ New Mexico▪ Oklahoma▪ Texas | |

² On October 1, 2019, the FNS regions were realigned. This report presents the FNS regions in effect during the period covered by this report. The FNS regions will be updated in future reports.

A description of each table follows. Each table title references the year of estimates the table pertains to after the table number (e.g., Table B.1-2018). If a table covers several years, the years covered are added at the end of the table title (e.g., Table B.9. WIC Coverage Rates by State: CY 2005–CY 2018).

Table B.1. WIC Eligibility, Participants, and Coverage Rates by State and FNS Region

This table shows the estimated number of individuals eligible for WIC, the number of individuals participating in WIC, and the resulting coverage rates by State and FNS region.

Table B.2. WIC Eligibility, Participants, and Coverage Rates by FNS Region and States in Each Region

This table shows the estimated number of individuals eligible for WIC, the number of individuals participating in WIC, and the resulting coverage rates by FNS region and the States within each region.

Table B.3. WIC Eligibility, Participants, and Coverage Rates by FNS Region and Participant Category

This table shows the estimated number of individuals eligible for WIC, the number of individuals participating in WIC, and the resulting coverage rates by FNS region and participant category.

Table B.4. WIC Eligibility Standard Errors by State and FNS Region

This table shows the estimated number of individuals eligible for WIC and the associated standard errors and coefficients of variation by State and FNS region.

Table B.5. WIC Eligibility Standard Errors by FNS Region and States in Each Region

This table shows the estimated number of individuals eligible for WIC and the associated standard errors and coefficients of variation by FNS region and the States within each region.

Table B.6. Standard Errors for WIC Eligibility by FNS Region and Participant Category

This table shows the estimated number of individuals eligible for WIC and the associated standard errors and coefficients of variation by FNS region and participant category.

Table B.7. Adjustments for Calculating the Average Monthly Number of Individuals Eligible for WIC in Puerto Rico and the Other U.S. Territories by Participant Category

Analogous to table A.5 of the national estimates, this table shows the step-by-step adjustments made to calculate the final numbers of infants, children, and pregnant and postpartum women who were eligible for WIC in Puerto Rico (table B.7a) and the other U.S. territories (table B.7b) based on the PRCS data for Puerto Rico (IPUMS-USA, n.d.) and the U.S. Census Bureau population estimates for the other territories (U.S. Census Bureau, n.d.a).

Table B.8. Regional Estimates of the Average Monthly Numbers of Infants and Children Eligible for WIC by Demographic and Income Characteristics

This table shows the estimated numbers of infants and children eligible for WIC by demographic and income characteristics in the CPS-ASEC data by FNS region (NBER, n.d.; Census Bureau, 2019b, 2020). It is similar to table A.6a but shows the data by region and does not show results for children by year of age. Note that this table does not include infants and children from Puerto Rico or the other U.S. territories. This table shows these characteristics using weights that have been fully adjusted, including adjustments for the undercount/overcount in the CPS (population adjustment), monthly income and certification periods (annual-to-monthly adjustment), and nutritional risk.

Table B.9. WIC Coverage Rates by State: CY 2005–CY 2018

This table shows WIC coverage rates by State and year.

Table B.10. WIC Coverage Rates by State and Participant Category With Margins of Error for 95-Percent Confidence Intervals

This table shows the coverage rates by State and participant category and the associated margins of error (MOEs). The MOE is a measure of the estimate's variability. The larger the MOE in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 95-percent confidence interval.

Table B.11. State-Level WIC Coverage Rates by Race and Ethnicity With Margins of Error for 95-Percent Confidence Intervals

This table shows the State-level coverage rates by race and ethnicity and the associated MOEs.

Table B.1-2018. WIC Eligibility, Participants, and Coverage Rates by State and FNS Region

State	Number Eligible	Number Participating	Coverage Rate
Alabama	203,381	119,661	58.8
Alaska	29,424	16,869	57.3
Arizona	284,729	147,692	51.9*
Arkansas	138,625	72,510	52.3*
California	1,482,197	994,115	67.1*
Colorado	167,581	84,506	50.4*
Connecticut	93,566	46,883	50.1*
Delaware	33,928	16,765	49.4*
District of Columbia	27,426	12,244	44.6*
Florida	781,368	448,406	57.4
Georgia	430,444	212,250	49.3*
Hawaii	45,189	25,944	57.4
Idaho	70,029	32,976	47.1*
Illinois	411,665	195,488	47.5*
Indiana	239,752	142,468	59.4
Iowa	98,988	59,661	60.3
Kansas	107,020	50,143	46.9*
Kentucky	170,291	99,475	58.4
Louisiana	222,096	110,002	49.5*
Maine	28,753	18,121	63.0
Maryland	192,784	126,848	65.8*
Massachusetts	166,327	107,051	64.4*
Michigan	329,917	211,012	64.0*
Minnesota	157,624	104,495	66.3*
Mississippi	136,420	84,017	61.6*
Missouri	209,772	112,604	53.7*
Montana	36,190	16,546	45.7*
Nebraska	64,664	35,178	54.4

State	Number Eligible	Number Participating	Coverage Rate
Nevada	115,873	61,169	52.8*
New Hampshire	27,851	12,271	44.1*
New Jersey	243,675	138,860	57.0
New Mexico	101,065	44,363	43.9*
New York	671,162	408,567	60.9*
North Carolina	384,041	217,264	56.6
North Dakota	23,321	12,114	51.9
Ohio	386,317	204,672	53.0*
Oklahoma	163,898	96,458	58.9
Oregon	134,122	84,854	63.3*
Pennsylvania	387,235	214,483	55.4
Puerto Rico	140,830	108,873	77.3
Rhode Island	32,462	18,642	57.4
South Carolina	190,293	90,032	47.3*
South Dakota	29,795	17,538	58.9
Tennessee	270,443	124,695	46.1*
Texas	1,322,816	724,458	54.8
Utah	105,301	47,575	45.2*
Vermont	15,235	11,441	75.1*
Virginia	237,013	112,149	47.3*
Washington	254,347	142,205	55.9
West Virginia	63,336	34,388	54.3
Wisconsin	159,457	91,379	57.3
Wyoming	16,010	8,751	54.7
FNS Region			
Northeast	1,035,358	622,975	60.2*
Mid-Atlantic	1,333,478	767,495	57.6
Southeast	2,566,679	1,395,800	54.4*
Midwest	1,684,733	949,513	56.4
Southwest	1,948,500	1,047,791	53.8*
Mountain Plains	858,643	444,616	51.8*
Western	2,442,006	1,520,720	62.3*
Total	11,869,397	6,748,911	56.9

Note: State and regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC and/or receiving WIC. Estimates for U.S. territories other than Puerto Rico are included in regional totals but not shown separately because of small sample sizes. Estimates for Puerto Rico are shown separately and included in the Mid-Atlantic regional totals. As a result, the Mid-Atlantic regional coverage rate was excluded from significance testing. When Puerto Rico was excluded from the Mid-Atlantic region, the regional coverage rate was 55.3 percent, which is not statistically different from the national coverage rate at a 95-percent confidence level.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; FNS = Food and Nutrition Service

* indicates a statistically significant difference between the State or regional coverage rate and the national coverage rate at the 95-percent confidence level. The statistical significance testing was conducted based on the CPS-ASEC data, which included data only for States. It did not include data for Puerto Rico or the other U.S. territories served by WIC; therefore, no statistical testing was done to compare the provided coverage rate for Puerto Rico to that of the national coverage rate.

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, n.d.a; unpublished internal WIC administrative data

Table B.1-2017. WIC Eligibility, Participants, and Coverage Rates by State and FNS Region

State	Number Eligible	Number Participating	Coverage Rate
Alabama	212,351	122,657	57.8
Alaska	41,094	17,862	43.5*
Arizona	305,319	152,280	49.9*
Arkansas	141,428	76,048	53.8
California	1,603,841	1,057,320	65.9*
Colorado	189,734	84,911	44.8*
Connecticut	90,207	47,771	53.0
Delaware	35,929	17,186	47.8*
District of Columbia	27,314	13,277	48.6*
Florida	831,475	462,817	55.7
Georgia	458,409	232,429	50.7*
Hawaii	56,295	26,328	46.8*
Idaho	75,886	35,771	47.1*
Illinois	455,947	208,451	45.7*
Indiana	264,921	144,140	54.4
Iowa	108,537	61,745	56.9
Kansas	115,438	53,126	46.0*
Kentucky	193,588	107,041	55.3
Louisiana	232,108	118,470	51.0*
Maine	33,258	19,048	57.3
Maryland	188,487	131,490	69.8*
Massachusetts	183,658	111,809	60.9*
Michigan	371,136	221,742	59.7*
Minnesota	168,267	110,004	65.4*
Mississippi	142,146	84,724	59.6*
Missouri	228,363	118,363	51.8*
Montana	42,227	17,123	40.6*
Nebraska	68,406	37,108	54.2
Nevada	125,009	65,665	52.5
New Hampshire	30,454	12,878	42.3*
New Jersey	258,395	146,735	56.8
New Mexico	108,043	49,392	45.7*
New York	728,338	430,658	59.1*
North Carolina	406,031	228,903	56.4
North Dakota	21,920	12,656	57.7
Ohio	421,354	218,513	51.9
Oklahoma	192,786	104,199	54.0
Oregon	151,872	88,657	58.4
Pennsylvania	417,496	225,052	53.9
Puerto Rico	165,111	133,910	81.1
Rhode Island	30,502	19,315	63.3*
South Carolina	209,944	98,059	46.7*

State	Number Eligible	Number Participating	Coverage Rate
South Dakota	34,290	18,165	53.0
Tennessee	280,684	134,149	47.8*
Texas	1,411,512	806,672	57.1
Utah	123,365	52,742	42.8*
Vermont	19,651	11,482	58.4
Virginia	258,400	119,876	46.4*
Washington	278,081	153,762	55.3
West Virginia	67,716	37,640	55.6
Wisconsin	172,879	95,164	55.0
Wyoming	20,473	9,905	48.4
FNS Region			
Northeast	1,116,067	652,961	58.5*
Mid-Atlantic	1,426,005	828,615	58.1
Southeast	2,734,628	1,470,778	53.8*
Midwest	1,854,505	998,015	53.8*
Southwest	2,085,876	1,154,780	55.4
Mountain Plains	952,754	465,845	48.9*
Western	2,663,346	1,613,084	60.6*
Total	12,833,181	7,184,078	56.0

Note: State and regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC and/or receiving WIC. Estimates for U.S. territories other than Puerto Rico are included in regional totals but not shown separately because of small sample size sizes. Estimates for Puerto Rico are shown separately and included in the Mid-Atlantic regional totals. As a result, the Mid-Atlantic regional coverage rate was excluded from significance testing. When Puerto Rico was excluded from the Mid-Atlantic region, the regional coverage rate was 55.1 percent, which is not statistically different from the national coverage rate at a 95-percent confidence level.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; FNS = Food and Nutrition Service

* indicates a statistically significant difference between the State or regional coverage rate and the national coverage rate at the 95-percent confidence level. The statistical significance testing was conducted based on the CPS-ASEC data, which included data only for States. It did not include data for Puerto Rico or the other U.S. territories served by WIC; therefore, no statistical testing was done to compare the provided coverage rate for Puerto Rico to that of the national coverage rate.

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020, n.d.a; unpublished internal WIC administrative data

Table B.1-2016. WIC Eligibility, Participants, and Coverage Rates by State and FNS Region

State	Number Eligible	Number Participating	Coverage Rate
Alabama	212,078	128,074	60.4
Alaska	39,461	18,961	48.1*
Arizona	296,177	160,911	54.3*
Arkansas	149,691	79,436	53.1*
California	1,626,278	1,151,406	70.8*
Colorado	181,535	85,912	47.3*
Connecticut	92,245	48,688	52.8*
Delaware	31,470	17,722	56.3
District of Columbia	25,125	14,285	56.9
Florida	822,980	477,553	58.0
Georgia	481,810	250,204	51.9*
Hawaii	51,394	29,662	57.7
Idaho	80,255	38,451	47.9*
Illinois	455,275	221,821	48.7*
Indiana	261,059	146,401	56.1
Iowa	118,996	61,293	51.5*
Kansas	102,236	57,836	56.6
Kentucky	190,889	110,610	57.9
Louisiana	225,923	125,356	55.5*
Maine	35,143	20,485	58.3
Maryland	188,108	138,117	73.4*
Massachusetts	190,475	114,368	60.0
Michigan	381,049	231,991	60.9
Minnesota	174,446	114,907	65.9*
Mississippi	151,009	83,973	55.6*
Missouri	225,072	125,399	55.7
Montana	43,397	18,216	42.0*
Nebraska	66,650	38,210	57.3
Nevada	117,108	69,550	59.4
New Hampshire	26,547	13,841	52.1
New Jersey	266,026	153,406	57.7
New Mexico	106,499	51,355	48.2*
New York	748,063	453,753	60.7
North Carolina	408,420	237,905	58.3
North Dakota	23,343	12,966	55.5
Ohio	416,544	231,315	55.5*
Oklahoma	183,629	110,155	60.0
Oregon	149,666	91,694	61.3
Pennsylvania	415,988	233,531	56.1
Puerto Rico	177,934	151,371	85.1
Rhode Island	30,004	20,202	67.3
South Carolina	210,706	105,084	49.9*

State	Number Eligible	Number Participating	Coverage Rate
South Dakota	35,189	18,962	53.9
Tennessee	302,500	142,264	47.0*
Texas	1,380,234	851,340	61.7*
Utah	129,716	56,073	43.2*
Vermont	20,210	12,353	61.1
Virginia	250,321	129,875	51.9*
Washington	278,014	166,628	59.9
West Virginia	72,656	40,054	55.1
Wisconsin	187,219	98,949	52.9*
Wyoming	17,975	10,705	59.6
FNS Region			
Northeast	1,142,687	683,690	59.8
Mid-Atlantic	1,434,838	882,447	61.5
Southeast	2,780,391	1,535,667	55.2*
Midwest	1,875,593	1,045,383	55.7*
Southwest	2,045,975	1,217,641	59.5
Mountain Plains	944,109	485,571	51.4*
Western	2,664,644	1,743,582	65.4*
Total	12,888,236	7,593,981	58.9

Note: State and regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC and/or receiving WIC. Estimates for U.S. territories other than Puerto Rico are included in regional totals but not shown separately because of small sample sizes. Estimates for Puerto Rico are shown separately and included in the Mid-Atlantic regional totals. As a result, the Mid-Atlantic regional coverage rate was excluded from significance testing. When Puerto Rico was excluded from the Mid-Atlantic region, the regional coverage rate was 58.2 percent, which is not statistically different from the national coverage rate at a 95-percent confidence level.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; FNS = Food and Nutrition Service

* indicates a statistically significant difference between the State or regional coverage rate and the national coverage rate at the 95-percent confidence level. The statistical significance testing was conducted based on the CPS-ASEC data, which included data only for States. It did not include data for Puerto Rico or the other U.S. territories served by WIC; therefore, no statistical testing was done to compare the provided coverage rate for Puerto Rico to that of the national coverage rate.

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a, n.d.a; unpublished internal WIC administrative data

Table B.2-2018. WIC Eligibility, Participants, and Coverage Rates by FNS Region and States in Each Region

FNS Region and State	Number Eligible	Number Participating	Coverage Rate
Northeast	1,035,358	622,975	60.2*
Connecticut	93,566	46,883	50.1*
Maine	28,753	18,121	63.0
Massachusetts	166,327	107,051	64.4*
New Hampshire	27,851	12,271	44.1*
New York	671,162	408,567	60.9*
Rhode Island	32,462	18,642	57.4
Vermont	15,235	11,441	75.1*
Mid-Atlantic	1,333,478	767,495	57.6
Delaware	33,928	16,765	49.4*
District of Columbia	27,426	12,244	44.6*
Maryland	192,784	126,848	65.8*
New Jersey	243,675	138,860	57.0
Pennsylvania	387,235	214,483	55.4
Puerto Rico	140,830	108,873	77.3
Virginia	237,013	112,149	47.3*
West Virginia	63,336	34,388	54.3
Southeast	2,566,679	1,395,800	54.4*
Alabama	203,381	119,661	58.8
Florida	781,368	448,406	57.4
Georgia	430,444	212,250	49.3*
Kentucky	170,291	99,475	58.4
Mississippi	136,420	84,017	61.6*
North Carolina	384,041	217,264	56.6
South Carolina	190,293	90,032	47.3*
Tennessee	270,443	124,695	46.1*
Midwest	1,684,733	949,513	56.4
Illinois	411,665	195,488	47.5*
Indiana	239,752	142,468	59.4
Michigan	329,917	211,012	64.0*
Minnesota	157,624	104,495	66.3*
Ohio	386,317	204,672	53.0*
Wisconsin	159,457	91,379	57.3
Southwest	1,948,500	1,047,791	53.8*
Arkansas	138,625	72,510	52.3*
Louisiana	222,096	110,002	49.5*
New Mexico	101,065	44,363	43.9*
Oklahoma	163,898	96,458	58.9
Texas	1,322,816	724,458	54.8

FNS Region and State	Number Eligible	Number Participating	Coverage Rate
Mountain Plains	858,643	444,616	51.8*
Colorado	167,581	84,506	50.4*
Iowa	98,988	59,661	60.3
Kansas	107,020	50,143	46.9*
Missouri	209,772	112,604	53.7*
Montana	36,190	16,546	45.7*
Nebraska	64,664	35,178	54.4
North Dakota	23,321	12,114	51.9
South Dakota	29,795	17,538	58.9
Utah	105,301	47,575	45.2*
Wyoming	16,010	8,751	54.7
Western	2,442,006	1,520,720	62.3*
Alaska	29,424	16,869	57.3
Arizona	284,729	147,692	51.9*
California	1,482,197	994,115	67.1*
Hawaii	45,189	25,944	57.4
Idaho	70,029	32,976	47.1*
Nevada	115,873	61,169	52.8*
Oregon	134,122	84,854	63.3*
Washington	254,347	142,205	55.9
Total	11,869,397	6,748,911	56.9

Note: On October 1, 2019, the FNS regions were realigned. This table presents the FNS regions in effect in 2018. State and regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC and/or receiving WIC. Estimates for the U.S. territories other than Puerto Rico are included in regional totals but not shown separately because of small sample sizes. Estimates for Puerto Rico are shown separately and included in the Mid-Atlantic regional totals. As a result, the Mid-Atlantic regional coverage rate was excluded from significance testing. When Puerto Rico was excluded from the Mid-Atlantic region, the regional coverage rate was 55.3 percent, which is not statistically different from the national coverage rate at a 95-percent confidence level.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; FNS = Food and Nutrition Service

* indicates a statistically significant difference between the State or regional coverage rate and the national coverage rate at the 95-percent confidence level. The statistical significance testing was conducted based on the CPS-ASEC data, which included data only for States. It did not include data for Puerto Rico or the other U.S. territories served by WIC; therefore, no statistical testing was done to compare the provided coverage rate for Puerto Rico to that of the national coverage rate.

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, n.d.a; unpublished internal WIC administrative data

Table B.2-2017. WIC Eligibility, Participants, and Coverage Rates by FNS Region and States in Each Region

FNS Region and State	Number Eligible	Number Participating	Coverage Rate
Northeast	1,116,067	652,961	58.5*
Connecticut	90,207	47,771	53.0
Maine	33,258	19,048	57.3
Massachusetts	183,658	111,809	60.9*
New Hampshire	30,454	12,878	42.3*
New York	728,338	430,658	59.1*
Rhode Island	30,502	19,315	63.3*
Vermont	19,651	11,482	58.4
Mid-Atlantic	1,426,005	828,615	58.1
Delaware	35,929	17,186	47.8*
District of Columbia	27,314	13,277	48.6*
Maryland	188,487	131,490	69.8*
New Jersey	258,395	146,735	56.8
Pennsylvania	417,496	225,052	53.9
Puerto Rico	165,111	133,910	81.1
Virginia	258,400	119,876	46.4*
West Virginia	67,716	37,640	55.6
Southeast	2,734,628	1,470,778	53.8*
Alabama	212,351	122,657	57.8
Florida	831,475	462,817	55.7
Georgia	458,409	232,429	50.7*
Kentucky	193,588	107,041	55.3
Mississippi	142,146	84,724	59.6*
North Carolina	406,031	228,903	56.4
South Carolina	209,944	98,059	46.7*
Tennessee	280,684	134,149	47.8*
Midwest	1,854,505	998,015	53.8*
Illinois	455,947	208,451	45.7*
Indiana	264,921	144,140	54.4
Michigan	371,136	221,742	59.7*
Minnesota	168,267	110,004	65.4*
Ohio	421,354	218,513	51.9*
Wisconsin	172,879	95,164	55.0
Southwest	2,085,876	1,154,780	55.4
Arkansas	141,428	76,048	53.8
Louisiana	232,108	118,470	51.0*
New Mexico	108,043	49,392	45.7*
Oklahoma	192,786	104,199	54.0
Texas	1,411,512	806,672	57.1

FNS Region and State	Number Eligible	Number Participating	Coverage Rate
Mountain Plains	952,754	465,845	48.9*
Colorado	189,734	84,911	44.8*
Iowa	108,537	61,745	56.9
Kansas	115,438	53,126	46.0*
Missouri	228,363	118,363	51.8*
Montana	42,227	17,123	40.6*
Nebraska	68,406	37,108	54.2
North Dakota	21,920	12,656	57.7
South Dakota	34,290	18,165	53.0
Utah	123,365	52,742	42.8*
Wyoming	20,473	9,905	48.4
Western	2,663,346	1,613,084	60.6*
Alaska	41,094	17,862	43.5*
Arizona	305,319	152,280	49.9*
California	1,603,841	1,057,320	65.9*
Hawaii	56,295	26,328	46.8*
Idaho	75,886	35,771	47.1*
Nevada	125,009	65,665	52.5
Oregon	151,872	88,657	58.4
Washington	278,081	153,762	55.3
Total	12,833,181	7,184,078	56.0

Note: On October 1, 2019, the FNS regions were realigned. This table presents the FNS regions in effect in 2017. State and regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC and/or receiving WIC. Estimates for the U.S. territories other than Puerto Rico are included in regional totals but not shown separately because of small sample sizes. Estimates for Puerto Rico are shown separately and included in the Mid-Atlantic regional totals. As a result, the Mid-Atlantic regional coverage rate was excluded from significance testing. When Puerto Rico was excluded from the Mid-Atlantic region, the regional coverage rate was 55.1 percent, which is not statistically different from the national coverage rate at a 95-percent confidence level.

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* indicates a statistically significant difference between the State or regional coverage rate and the national coverage rate at the 95-percent confidence level. The statistical significance testing was conducted based on the CPS-ASEC data, which included data only for States. It did not include data for Puerto Rico or the other U.S. territories served by WIC; therefore, no statistical testing was done to compare the provided coverage rate for Puerto Rico to that of the national coverage rate.

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020, n.d.a; unpublished internal WIC administrative data

Table B.2-2016. WIC Eligibility, Participants, and Coverage Rates by FNS Region and States in Each Region

FNS Region and State	Number Eligible	Number Participating	Coverage Rate
Northeast	1,142,687	683,690	59.8
Connecticut	92,245	48,688	52.8*
Maine	35,143	20,485	58.3
Massachusetts	190,475	114,368	60.0
New Hampshire	26,547	13,841	52.1
New York	748,063	453,753	60.7
Rhode Island	30,004	20,202	67.3
Vermont	20,210	12,353	61.1
Mid-Atlantic	1,434,838	882,447	61.5
Delaware	31,470	17,722	56.3
District of Columbia	25,125	14,285	56.9
Maryland	188,108	138,117	73.4*
New Jersey	266,026	153,406	57.7
Pennsylvania	415,988	233,531	56.1
Puerto Rico	177,934	151,371	85.1
Virginia	250,321	129,875	51.9*
West Virginia	72,656	40,054	55.1
Southeast	2,780,391	1,535,667	55.2
Alabama	212,078	128,074	60.4
Florida	822,980	477,553	58.0
Georgia	481,810	250,204	51.9*
Kentucky	190,889	110,610	57.9
Mississippi	151,009	83,973	55.6*
North Carolina	408,420	237,905	58.3
South Carolina	210,706	105,084	49.9
Tennessee	302,500	142,264	47.0*
Midwest	1,875,593	1,045,383	55.7*
Illinois	455,275	221,821	48.7*
Indiana	261,059	146,401	56.1
Michigan	381,049	231,991	60.9
Minnesota	174,446	114,907	65.9*
Ohio	416,544	231,315	55.5*
Wisconsin	187,219	98,949	52.9*
Southwest	2,045,975	1,217,641	59.5
Arkansas	149,691	79,436	53.1*
Louisiana	225,923	125,356	55.5*
New Mexico	106,499	51,355	48.2*
Oklahoma	183,629	110,155	60.0
Texas	1,380,234	851,340	61.7*

FNS Region and State	Number Eligible	Number Participating	Coverage Rate
Mountain Plains	944,109	485,571	51.4*
Colorado	181,535	85,912	47.3*
Iowa	118,996	61,293	51.5*
Kansas	102,236	57,836	56.6
Missouri	225,072	125,399	55.7
Montana	43,397	18,216	42.0*
Nebraska	66,650	38,210	57.3
North Dakota	23,343	12,966	55.5
South Dakota	35,189	18,962	53.9
Utah	129,716	56,073	43.2
Wyoming	17,975	10,705	59.6
Western	2,664,644	1,743,582	65.4*
Alaska	39,461	18,961	48.1*
Arizona	296,177	160,911	54.3*
California	1,626,278	1,151,406	70.8*
Hawaii	51,394	29,662	57.7
Idaho	80,255	38,451	47.9*
Nevada	117,108	69,550	59.4
Oregon	149,666	91,694	61.3
Washington	278,014	166,628	59.9
Total	12,888,236	7,593,981	58.9

Note: On October 1, 2019, the FNS regions were realigned. This table presents the FNS regions in effect in 2016. State and regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC and/or receiving WIC. Estimates for the U.S. territories other than Puerto Rico are included in regional totals but not shown separately because of small sample sizes. Estimates for Puerto Rico are shown separately and included in the Mid-Atlantic regional totals. As a result, the Mid-Atlantic regional coverage rate was excluded from significance testing. When Puerto Rico was excluded from the Mid-Atlantic region, the regional coverage rate was 58.2 percent, which is not statistically different from the national coverage rate at a 95-percent confidence level.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; FNS = Food and Nutrition Service

* indicates a statistically significant difference between the State or regional coverage rate and the national coverage rate at the 95-percent confidence level. The statistical significance testing was conducted based on the CPS-ASEC data, which included data only for States. It did not include data for Puerto Rico or the other U.S. territories served by WIC; therefore, no statistical testing was done to compare the provided coverage rate for Puerto Rico to that of the national coverage rate.

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a, n.d.a; unpublished internal WIC administrative data

Table B.3-2018. WIC Eligibility, Participants, and Coverage Rates by FNS Region and Participant Category

FNS Region	Infants	Children	Pregnant Women	Postpartum Women	Total
Number Eligible					
Northeast	149,462	682,180	98,548	105,168	1,035,358
Mid-Atlantic	192,181	882,159	126,789	132,349	1,333,478
Southeast	371,393	1,704,501	245,061	245,724	2,566,679
Midwest	243,318	1,118,345	160,366	162,705	1,684,733
Southwest	289,989	1,274,908	191,390	192,213	1,948,500
Mountain Plains	122,813	568,933	80,861	86,036	858,643
Western	356,402	1,596,040	235,047	254,518	2,442,006
Total	1,725,558	7,827,066	1,138,061	1,178,712	11,869,397
Number Participating					
Northeast	145,655	333,666	52,961	90,693	622,975
Mid-Atlantic	187,630	404,051	69,864	105,950	767,495
Southeast	375,906	674,368	138,866	206,660	1,395,800
Midwest	258,903	473,229	84,551	132,830	949,513
Southwest	276,107	495,878	95,988	179,819	1,047,791
Mountain Plains	111,360	227,691	39,443	66,122	444,616
Western	331,748	851,566	124,700	212,706	1,520,720
Total	1,687,310	3,460,449	606,373	994,780	6,748,911
Coverage Rate					
Northeast	97.5	48.9*	53.7	86.2	60.2*
Mid-Atlantic	97.6	45.8	55.1	80.1	57.6
Southeast	100.0	39.6*	56.7	84.1	54.4*
Midwest	100.0*	42.3*	52.7	81.6	56.4
Southwest	95.2	38.9*	50.2	93.6*	53.8*
Mountain Plains	90.7	40.0*	48.8*	76.9*	51.8*
Western	93.1	53.4*	53.1	83.6	62.3*
Total	97.8	44.2	53.3	84.4	56.9

Note: The estimated coverage rate exceeded 100 percent for infants in the Southeast and Midwest regions. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates. Regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC and/or receiving WIC. Estimates for Puerto Rico are included in the Mid-Atlantic regional totals. As a result, the Mid-Atlantic regional coverage rates were excluded from significance testing. When Puerto Rico was excluded from the Mid-Atlantic region, the regional coverage rates were not statistically different from the national coverage rates at a 95-percent confidence level.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; FNS = Food and Nutrition Service

* indicates a statistically significant difference between the regional coverage rate and the national coverage rate at the 95-percent confidence level

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, n.d.a; unpublished internal WIC administrative data

Table B.3-2017. WIC Eligibility, Participants, and Coverage Rates by FNS Region and Participant Category

FNS Region	Infants	Children	Pregnant Women	Postpartum Women	Total
Number Eligible					
Northeast	164,311	727,643	108,281	115,831	1,116,067
Mid-Atlantic	203,513	948,458	134,176	139,857	1,426,005
Southeast	395,329	1,816,838	260,693	261,768	2,734,628
Midwest	263,392	1,241,556	173,446	176,111	1,854,505
Southwest	317,685	1,347,724	209,575	210,892	2,085,876
Mountain Plains	138,275	626,586	91,012	96,881	952,754
Western	399,593	1,714,703	263,450	285,601	2,663,346
Total	1,882,098	8,423,507	1,240,634	1,286,942	12,833,181
Number Participating					
Northeast	151,551	350,419	57,132	93,859	652,961
Mid-Atlantic	198,603	442,318	77,066	110,627	828,615
Southeast	381,247	722,830	144,636	222,066	1,470,778
Midwest	269,866	497,899	92,546	137,704	998,015
Southwest	296,378	556,276	108,789	193,338	1,154,780
Mountain Plains	116,081	238,193	42,343	69,229	465,845
Western	353,889	894,257	135,620	229,318	1,613,084
Total	1,767,615	3,702,190	658,131	1,056,141	7,184,078
Coverage Rate					
Northeast	92.2	48.2*	52.8	81.0	58.5*
Mid-Atlantic	97.6	46.6	57.4	79.1	58.1
Southeast	96.4	39.8*	55.5	84.8	53.8*
Midwest	100.0*	40.1*	53.4	78.2	53.8*
Southwest	93.3	41.3*	51.9	91.7*	55.4
Mountain Plains	84.0*	38.0*	46.5*	71.5*	48.9*
Western	88.6	52.2*	51.5	80.3	60.6*
Total	93.9	44.0	53.0	82.1	56.0

Note: The estimated coverage rate exceeded 100 percent for infants in the Midwest region. However, the lower bound of the 95-percent confidence interval for this rate is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates. Regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC and/or receiving WIC. Estimates for Puerto Rico are included in the Mid-Atlantic regional totals. As a result, the Mid-Atlantic regional coverage rates were excluded from significance testing. When Puerto Rico was excluded from the Mid-Atlantic region, the regional coverage rates were not statistically different from the national coverage rates at a 95-percent confidence level.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; FNS = Food and Nutrition Service

* indicates a statistically significant difference between the regional coverage rate and the national coverage rate at the 95-percent confidence level

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020, n.d.a; unpublished internal WIC administrative data

Table B.3-2016. WIC Eligibility, Participants, and Coverage Rates by FNS Region and Participant Category

FNS Region	Infants	Children	Pregnant Women	Postpartum Women	Total
Number Eligible					
Northeast	168,789	743,581	111,229	119,088	1,142,687
Mid-Atlantic	207,019	949,003	136,473	142,343	1,434,838
Southeast	414,782	1,817,411	273,476	274,722	2,780,391
Midwest	276,666	1,231,593	182,217	185,116	1,875,593
Southwest	304,613	1,338,406	200,904	202,053	2,045,975
Mountain Plains	142,990	606,779	94,068	100,271	944,109
Western	376,093	1,771,586	247,916	269,048	2,664,644
Total	1,890,953	8,458,358	1,246,284	1,292,642	12,888,236
Number Participating					
Northeast	157,503	368,421	61,040	96,725	683,690
Mid-Atlantic	211,689	470,990	83,364	116,403	882,447
Southeast	390,961	763,961	149,600	231,146	1,535,667
Midwest	282,019	522,341	99,854	141,169	1,045,383
Southwest	312,523	585,269	117,807	202,043	1,217,641
Mountain Plains	122,204	246,375	44,907	72,086	485,571
Western	376,836	968,950	151,176	246,620	1,743,582
Total	1,853,735	3,926,307	707,748	1,106,191	7,593,981
Coverage Rate					
Northeast	93.3	49.5*	54.9	81.2	59.8
Mid-Atlantic	100.0	49.6	61.1	81.8	61.5
Southeast	94.3	42.0*	54.7	84.1	55.2*
Midwest	100.0	42.4*	54.8	76.3*	55.7*
Southwest	100.0	43.7*	58.6	100.0*	59.5
Mountain Plains	85.5*	40.6*	47.7*	71.9*	51.4*
Western	100.0	54.7*	61.0*	91.7	65.4*
Total	98.0	46.4	56.8	85.6	58.9

Note: The estimated coverage rate exceeded 100 percent for infants in the Mid-Atlantic, Midwest, Southwest, and Western regions. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates. Regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC and/or receiving WIC. Estimates for Puerto Rico are included in the Mid-Atlantic regional totals. As a result, the Mid-Atlantic regional coverage rates were excluded from significance testing. When Puerto Rico was excluded from the Mid-Atlantic region, the regional coverage rates were not statistically different from the national coverage rates at a 95-percent confidence level.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; FNS = Food and Nutrition Service

* indicates a statistically significant difference between the regional coverage rate and the national coverage rate at the 95-percent confidence level

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a, n.d.a; unpublished internal WIC administrative data

Table B.4-2018. Standard Errors and Coefficients of Variation for Estimated Number of Individuals Eligible for WIC by State and FNS Region

State	Number Eligible	Standard Error	Coefficient of Variation (Percent)
Alabama	203,381	6,163	3.0
Alaska	29,424	1,970	6.7
Arizona	284,729	7,158	2.5
Arkansas	138,625	4,531	3.3
California	1,482,197	26,708	1.8
Colorado	167,581	5,273	3.1
Connecticut	93,566	3,699	4.0
Delaware	33,928	2,634	7.8
District of Columbia	27,426	2,330	8.5
Florida	781,368	16,149	2.1
Georgia	430,444	10,401	2.4
Hawaii	45,189	2,718	6.0
Idaho	70,029	3,585	5.1
Illinois	411,665	10,264	2.5
Indiana	239,752	7,293	3.0
Iowa	98,988	4,346	4.4
Kansas	107,020	4,356	4.1
Kentucky	170,291	4,821	2.8
Louisiana	222,096	6,361	2.9
Maine	28,753	1,966	6.8
Maryland	192,784	7,219	3.7
Massachusetts	166,327	5,640	3.4
Michigan	329,917	8,983	2.7
Minnesota	157,624	6,719	4.3
Mississippi	136,420	4,185	3.1
Missouri	209,772	6,427	3.1
Montana	36,190	2,535	7.0
Nebraska	64,664	3,273	5.1
Nevada	115,873	4,037	3.5
New Hampshire	27,851	2,257	8.1
New Jersey	243,675	8,051	3.3
New Mexico	101,065	3,889	3.8
New York	671,162	15,338	2.3
North Carolina	384,041	9,460	2.5
North Dakota	23,321	2,176	9.3
Ohio	386,317	9,568	2.5
Oklahoma	163,898	4,985	3.0
Oregon	134,122	4,633	3.5
Pennsylvania	387,235	10,321	2.7
Rhode Island	32,462	2,293	7.1
South Carolina	190,293	4,813	2.5

State	Number Eligible	Standard Error	Coefficient of Variation (Percent)
South Dakota	29,795	2,955	9.9
Tennessee	270,443	6,955	2.6
Texas	1,322,816	24,416	1.8
Utah	105,301	4,858	4.6
Vermont	15,235	1,486	9.8
Virginia	237,013	7,255	3.1
Washington	254,347	6,940	2.7
West Virginia	63,336	2,610	4.1
Wisconsin	159,457	6,015	3.8
Wyoming	16,010	1,214	7.6
FNS Region			
Northeast	1,035,358	21,250	2.1
Mid-Atlantic	1,185,398	22,095	1.9
Southeast	2,566,679	42,517	1.7
Midwest	1,684,733	30,954	1.8
Southwest	1,948,500	34,037	1.7
Mountain Plains	858,643	18,121	2.1
Western	2,415,910	41,326	1.7
Total	11,695,221	180,551	1.5

Note: The coefficient of variation is defined as the ratio of the standard error to the eligibility estimate. State and regional eligibility estimates include individuals in Indian Tribal Organizations who were eligible for WIC. Estimates for Puerto Rico or the other U.S. territories are not included in regional totals or standard errors.

FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; NBER, n.d.

Table B.4-2017. Standard Errors and Coefficients of Variation for Estimated Number of Individuals Eligible for WIC by State and FNS Region

State	Number Eligible	Standard Error	Coefficient of Variation (Percent)
Alabama	212,351	5,720	2.7
Alaska	41,094	3,380	8.2
Arizona	305,319	7,456	2.4
Arkansas	141,428	4,969	3.5
California	1,603,841	28,182	1.8
Colorado	189,734	6,281	3.3
Connecticut	90,207	4,378	4.9
Delaware	35,929	2,601	7.2
District of Columbia	27,314	1,989	7.3
Florida	831,475	15,640	1.9
Georgia	458,409	10,405	2.3
Hawaii	56,295	3,771	6.7
Idaho	75,886	3,995	5.3
Illinois	455,947	10,959	2.4
Indiana	264,921	7,460	2.8
Iowa	108,537	4,407	4.1
Kansas	115,438	4,545	3.9
Kentucky	193,588	6,304	3.3
Louisiana	232,108	6,878	3.0
Maine	33,258	2,215	6.7
Maryland	188,487	6,307	3.3
Massachusetts	183,658	7,170	3.9
Michigan	371,136	9,513	2.6
Minnesota	168,267	7,081	4.2
Mississippi	142,146	4,728	3.3
Missouri	228,363	6,830	3.0
Montana	42,227	2,740	6.5
Nebraska	68,406	3,712	5.4
Nevada	125,009	4,799	3.8
New Hampshire	30,454	2,981	9.8
New Jersey	258,395	7,299	2.8
New Mexico	108,043	4,551	4.2
New York	728,338	14,763	2.0
North Carolina	406,031	9,403	2.3
North Dakota	21,920	2,217	10.1
Ohio	421,354	9,082	2.2
Oklahoma	192,786	5,668	2.9
Oregon	151,872	5,533	3.6
Pennsylvania	417,496	11,550	2.8
Rhode Island	30,502	1,933	6.3
South Carolina	209,944	5,766	2.7

State	Number Eligible	Standard Error	Coefficient of Variation (Percent)
South Dakota	34,290	2,231	6.5
Tennessee	280,684	6,977	2.5
Texas	1,411,512	23,609	1.7
Utah	123,365	5,478	4.4
Vermont	19,651	1,820	9.3
Virginia	258,400	8,157	3.2
Washington	278,081	8,273	3.0
West Virginia	67,716	3,264	4.8
Wisconsin	172,879	6,719	3.9
Wyoming	20,473	2,304	11.3
FNS Region			
Northeast	1,116,067	20,689	1.9
Mid-Atlantic	1,253,737	23,599	1.9
Southeast	2,734,628	42,106	1.5
Midwest	1,854,505	30,486	1.6
Southwest	2,085,876	32,719	1.6
Mountain Plains	952,754	18,843	2.0
Western	2,637,396	42,797	1.6
Total	12,634,962	178,407	1.4

Note: The coefficient of variation is defined as the ratio of the standard error to the eligibility estimate. State and regional eligibility estimates include individuals in Indian Tribal Organizations who were eligible for WIC. Estimates for Puerto Rico or the other U.S. territories are not included in regional totals or standard errors.

FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020

Table B.4-2016. Standard Errors and Coefficients of Variation for Estimated Number of Individuals Eligible for WIC by State and FNS Region

State	Number Eligible	Standard Error	Coefficient of Variation (Percent)
Alabama	212,078	6,963	3.3
Alaska	39,461	3,029	7.7
Arizona	296,177	7,388	2.5
Arkansas	149,691	4,699	3.1
California	1,626,278	28,790	1.8
Colorado	181,535	6,062	3.3
Connecticut	92,245	3,776	4.1
Delaware	31,470	2,575	8.2
District of Columbia	25,125	1,740	6.9
Florida	822,980	15,767	1.9
Georgia	481,810	11,301	2.3
Hawaii	51,394	2,523	4.9
Idaho	80,255	3,444	4.3
Illinois	455,275	10,297	2.3
Indiana	261,059	7,383	2.8
Iowa	118,996	5,940	5.0
Kansas	102,236	4,284	4.2
Kentucky	190,889	6,021	3.2
Louisiana	225,923	6,013	2.7
Maine	35,143	3,041	8.7
Maryland	188,108	7,063	3.8
Massachusetts	190,475	5,911	3.1
Michigan	381,049	8,900	2.3
Minnesota	174,446	6,177	3.5
Mississippi	151,009	4,298	2.8
Missouri	225,072	7,208	3.2
Montana	43,397	2,873	6.6
Nebraska	66,650	3,412	5.1
Nevada	117,108	4,912	4.2
New Hampshire	26,547	2,331	8.8
New Jersey	266,026	7,686	2.9
New Mexico	106,499	3,575	3.4
New York	748,063	15,077	2.0
North Carolina	408,420	9,283	2.3
North Dakota	23,343	2,968	12.7
Ohio	416,544	9,871	2.4
Oklahoma	183,629	5,525	3.0
Oregon	149,666	5,086	3.4
Pennsylvania	415,988	10,361	2.5
Rhode Island	30,004	2,272	7.6
South Carolina	210,706	5,495	2.6

State	Number Eligible	Standard Error	Coefficient of Variation (Percent)
South Dakota	35,189	2,943	8.4
Tennessee	302,500	7,804	2.6
Texas	1,380,234	24,780	1.8
Utah	129,716	6,071	4.7
Vermont	20,210	2,275	11.3
Virginia	250,321	7,957	3.2
Washington	278,014	7,491	2.7
West Virginia	72,656	3,473	4.8
Wisconsin	187,219	6,321	3.4
Wyoming	17,975	2,188	12.2
FNS Region			
Northeast	1,142,687	20,720	1.8
Mid-Atlantic	1,249,694	23,358	1.9
Southeast	2,780,391	46,900	1.7
Midwest	1,875,593	32,311	1.7
Southwest	2,045,975	34,793	1.7
Mountain Plains	944,109	19,453	2.1
Western	2,638,353	43,502	1.6
Total	12,676,802	195,131	1.5

Note: The coefficient of variation is defined as the ratio of the standard error to the eligibility estimate. State and regional eligibility estimates include individuals in Indian Tribal Organizations who were eligible for WIC. Estimates for Puerto Rico or the other U.S. territories are not included in regional totals or standard errors.

FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a

Table B.5-2018. WIC Eligibility Standard Errors by FNS Region and States in Each Region

FNS Region and State	Number Eligible	Standard Error	Coefficient of Variation (Percent)
Northeast	1,035,358	21,250	2.1
Connecticut	93,566	3,699	4.0
Maine	28,753	1,966	6.8
Massachusetts	166,327	5,640	3.4
New Hampshire	27,851	2,257	8.1
New York	671,162	15,338	2.3
Rhode Island	32,462	2,293	7.1
Vermont	15,235	1,486	9.8
Mid-Atlantic	1,185,398	22,095	1.9
Delaware	33,928	2,634	7.8
District of Columbia	27,426	2,330	8.5
Maryland	192,784	7,219	3.7
New Jersey	243,675	8,051	3.3
Pennsylvania	387,235	10,321	2.7
Virginia	237,013	7,255	3.1
West Virginia	63,336	2,610	4.1
Southeast	2,566,679	42,517	1.7
Alabama	203,381	6,163	3.0
Florida	781,368	16,149	2.1
Georgia	430,444	10,401	2.4
Kentucky	170,291	4,821	2.8
Mississippi	136,420	4,185	3.1
North Carolina	384,041	9,460	2.5
South Carolina	190,293	4,813	2.5
Tennessee	270,443	6,955	2.6
Midwest	1,684,733	30,954	1.8
Illinois	411,665	10,264	2.5
Indiana	239,752	7,293	3.0
Michigan	329,917	8,983	2.7
Minnesota	157,624	6,719	4.3
Ohio	386,317	9,568	2.5
Wisconsin	159,457	6,015	3.8
Southwest	1,948,500	34,037	1.7
Arkansas	138,625	4,531	3.3
Louisiana	222,096	6,361	2.9
New Mexico	101,065	3,889	3.8
Oklahoma	163,898	4,985	3.0
Texas	1,322,816	24,416	1.8

FNS Region and State	Number Eligible	Standard Error	Coefficient of Variation (Percent)
Mountain Plains	858,643	18,121	2.1
Colorado	167,581	5,273	3.1
Iowa	98,988	4,346	4.4
Kansas	107,020	4,356	4.1
Missouri	209,772	6,427	3.1
Montana	36,190	2,535	7.0
Nebraska	64,664	3,273	5.1
North Dakota	23,321	2,176	9.3
South Dakota	29,795	2,955	9.9
Utah	105,301	4,858	4.6
Wyoming	16,010	1,214	7.6
Western	2,415,910	41,326	1.7
Alaska	29,424	1,970	6.7
Arizona	284,729	7,158	2.5
California	1,482,197	26,708	1.8
Hawaii	45,189	2,718	6.0
Idaho	70,029	3,585	5.1
Nevada	115,873	4,037	3.5
Oregon	134,122	4,633	3.5
Washington	254,347	6,940	2.7
Total	11,695,221	180,551	1.5

Note: On October 1, 2019, the FNS regions were realigned. This table presents the FNS regions in effect in 2018. State and regional eligibility estimates include individuals in Indian Tribal Organizations who were eligible for WIC. Estimates for Puerto Rico or the other U.S. territories are not included in regional totals or standard errors. The coefficient of variation is defined as the ratio of the standard error to the eligibility estimate.

FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; NBER, n.d.

Table B.5-2017. WIC Eligibility Standard Errors by FNS Region and States in Each Region

FNS Region and State	Number Eligible	Standard Error	Coefficient of Variation (Percent)
Northeast	1,116,067	20,689	1.9
Connecticut	90,207	4,378	4.9
Maine	33,258	2,215	6.7
Massachusetts	183,658	7,170	3.9
New Hampshire	30,454	2,981	9.8
New York	728,338	14,763	2.0
Rhode Island	30,502	1,933	6.3
Vermont	19,651	1,820	9.3
Mid-Atlantic	1,253,737	23,599	1.9
Delaware	35,929	2,601	7.2
District of Columbia	27,314	1,989	7.3
Maryland	188,487	6,307	3.3
New Jersey	258,395	7,299	2.8
Pennsylvania	417,496	11,550	2.8
Virginia	258,400	8,157	3.2
West Virginia	67,716	3,264	4.8
Southeast	2,734,628	42,106	1.5
Alabama	212,351	5,720	2.7
Florida	831,475	15,640	1.9
Georgia	458,409	10,405	2.3
Kentucky	193,588	6,304	3.3
Mississippi	142,146	4,728	3.3
North Carolina	406,031	9,403	2.3
South Carolina	209,944	5,766	2.7
Tennessee	280,684	6,977	2.5
Midwest	1,854,505	30,486	1.6
Illinois	455,947	10,959	2.4
Indiana	264,921	7,460	2.8
Michigan	371,136	9,513	2.6
Minnesota	168,267	7,081	4.2
Ohio	421,354	9,082	2.2
Wisconsin	172,879	6,719	3.9
Southwest	2,085,876	32,719	1.6
Arkansas	141,428	4,969	3.5
Louisiana	232,108	6,878	3.0
New Mexico	108,043	4,551	4.2
Oklahoma	192,786	5,668	2.9
Texas	1,411,512	23,609	1.7

FNS Region and State	Number Eligible	Standard Error	Coefficient of Variation (Percent)
Mountain Plains	952,754	18,843	2.0
Colorado	189,734	6,281	3.3
Iowa	108,537	4,407	4.1
Kansas	115,438	4,545	3.9
Missouri	228,363	6,830	3.0
Montana	42,227	2,740	6.5
Nebraska	68,406	3,712	5.4
North Dakota	21,920	2,217	10.1
South Dakota	34,290	2,231	6.5
Utah	123,365	5,478	4.4
Wyoming	20,473	2,304	11.3
Western	2,637,396	42,797	1.6
Alaska	41,094	3,380	8.2
Arizona	305,319	7,456	2.4
California	1,603,841	28,182	1.8
Hawaii	56,295	3,771	6.7
Idaho	75,886	3,995	5.3
Nevada	125,009	4,799	3.8
Oregon	151,872	5,533	3.6
Washington	278,081	8,273	3.0
Total	12,634,962	178,407	1.4

Note: On October 1, 2019, the FNS regions were realigned. This table presents the FNS regions in effect in 2017. State and regional eligibility estimates include individuals in Indian Tribal Organizations who were eligible for WIC. Estimates for Puerto Rico or the other U.S. territories are not included in regional totals or standard errors. The coefficient of variation is defined as the ratio of the standard error to the eligibility estimate.

FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020

Table B.5-2016. WIC Eligibility Standard Errors by FNS Region and States in Each Region

FNS Region and State	Number Eligible	Standard Error	Coefficient of Variation (Percent)
Northeast	1,142,687	20,720	1.8
Connecticut	92,245	3,776	4.1
Maine	35,143	3,041	8.7
Massachusetts	190,475	5,911	3.1
New Hampshire	26,547	2,331	8.8
New York	748,063	15,077	2.0
Rhode Island	30,004	2,272	7.6
Vermont	20,210	2,275	11.3
Mid-Atlantic	1,249,694	23,358	1.9
Delaware	31,470	2,575	8.2
District of Columbia	25,125	1,740	6.9
Maryland	188,108	7,063	3.8
New Jersey	266,026	7,686	2.9
Pennsylvania	415,988	10,361	2.5
Virginia	250,321	7,957	3.2
West Virginia	72,656	3,473	4.8
Southeast	2,780,391	46,900	1.7
Alabama	212,078	6,963	3.3
Florida	822,980	15,767	1.9
Georgia	481,810	11,301	2.3
Kentucky	190,889	6,021	3.2
Mississippi	151,009	4,298	2.8
North Carolina	408,420	9,283	2.3
South Carolina	210,706	5,495	2.6
Tennessee	302,500	7,804	2.6
Midwest	1,875,593	32,311	1.7
Illinois	455,275	10,297	2.3
Indiana	261,059	7,383	2.8
Michigan	381,049	8,900	2.3
Minnesota	174,446	6,177	3.5
Ohio	416,544	9,871	2.4
Wisconsin	187,219	6,321	3.4
Southwest	2,045,975	34,793	1.7
Arkansas	149,691	4,699	3.1
Louisiana	225,923	6,013	2.7
New Mexico	106,499	3,575	3.4
Oklahoma	183,629	5,525	3.0
Texas	1,380,234	24,780	1.8

FNS Region and State	Number Eligible	Standard Error	Coefficient of Variation (Percent)
Mountain Plains	944,109	19,453	2.1
Colorado	181,535	6,062	3.3
Iowa	118,996	5,940	5.0
Kansas	102,236	4,284	4.2
Missouri	225,072	7,208	3.2
Montana	43,397	2,873	6.6
Nebraska	66,650	3,412	5.1
North Dakota	23,343	2,968	12.7
South Dakota	35,189	2,943	8.4
Utah	129,716	6,071	4.7
Wyoming	17,975	2,188	12.2
Western	2,638,353	43,502	1.6
Alaska	39,461	3,029	7.7
Arizona	296,177	7,388	2.5
California	1,626,278	28,790	1.8
Hawaii	51,394	2,523	4.9
Idaho	80,255	3,444	4.3
Nevada	117,108	4,912	4.2
Oregon	149,666	5,086	3.4
Washington	278,014	7,491	2.7
Total	12,676,802	195,131	1.5

Note: On October 1, 2019, the FNS regions were realigned. This table presents the FNS regions in effect in 2016. State and regional eligibility estimates include individuals in Indian Tribal Organizations who were eligible for WIC. Estimates for Puerto Rico or the other U.S. territories are not included in regional totals or standard errors. The coefficient of variation is defined as the ratio of the standard error to the eligibility estimate.

FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a

Table B.6-2018. Standard Errors and Coefficients of Variation for Estimated Number of Individuals Eligible for WIC by FNS Region and Participant Category

FNS Region	Infants	Children	Pregnant Women	Postpartum Women	Total
Number Eligible					
Northeast	149,462	682,180	98,548	105,168	1,035,358
Mid-Atlantic	171,100	783,501	112,868	117,930	1,185,398
Southeast	371,393	1,704,501	245,061	245,724	2,566,679
Midwest	243,318	1,118,345	160,366	162,705	1,684,733
Southwest	289,989	1,274,908	191,390	192,213	1,948,500
Mountain Plains	122,813	568,933	80,861	86,036	858,643
Western	352,370	1,579,379	232,393	251,769	2,415,910
Total	1,700,445	7,711,746	1,121,486	1,161,544	11,695,221
Standard Error					
Northeast	7,019	12,469	4,631	4,911	21,250
Mid-Atlantic	7,878	14,266	5,201	5,417	22,095
Southeast	14,034	27,201	9,264	9,292	42,517
Midwest	10,334	19,132	6,818	6,895	30,954
Southwest	11,606	21,841	7,665	7,696	34,037
Mountain Plains	5,588	12,033	3,681	3,913	18,121
Western	13,483	25,641	8,895	9,575	41,326
Total	56,039	111,228	36,970	38,174	180,551
Coefficient of Variation (Percent)					
Northeast	4.7	1.8	4.7	4.7	2.1
Mid-Atlantic	4.6	1.8	4.6	4.6	1.9
Southeast	3.8	1.6	3.8	3.8	1.7
Midwest	4.2	1.7	4.3	4.2	1.8
Southwest	4.0	1.7	4.0	4.0	1.7
Mountain Plains	4.6	2.1	4.6	4.5	2.1
Western	3.8	1.6	3.8	3.8	1.7
Total	3.3	1.4	3.3	3.3	1.5

Note: The coefficient of variation is defined as the ratio of the standard error to the eligibility estimate. Estimates for Puerto Rico and the other U.S. territories are not included in regional totals or standard errors.
Sources: IPUMS-USA, n.d.; NBER, n.d.; Kline et al., 2020; unpublished internal WIC administrative data

Table B.6-2017. Standard Errors and Coefficients of Variation for Estimated Number of Individuals Eligible for WIC by FNS Region and Participant Category

FNS Region	Infants	Children	Pregnant Women	Postpartum Women	Total
Number Eligible					
Northeast	164,311	727,643	108,281	115,831	1,116,067
Mid-Atlantic	177,365	837,491	116,909	121,972	1,253,737
Southeast	395,329	1,816,838	260,693	261,768	2,734,628
Midwest	263,392	1,241,556	173,446	176,111	1,854,505
Southwest	317,685	1,347,724	209,575	210,892	2,085,876
Mountain Plains	138,275	626,586	91,012	96,881	952,754
Western	395,548	1,698,219	260,787	282,842	2,637,396
Total	1,851,905	8,296,056	1,220,703	1,266,298	12,634,962
Standard Error					
Northeast	6,879	13,318	4,533	4,855	20,689
Mid-Atlantic	7,975	16,073	5,259	5,496	23,599
Southeast	14,312	27,919	9,440	9,500	42,106
Midwest	10,438	19,924	6,876	6,980	30,486
Southwest	11,674	21,934	7,703	7,747	32,719
Mountain Plains	5,923	12,651	3,899	4,125	18,843
Western	15,632	26,327	10,307	11,114	42,797
Total	59,281	115,655	39,088	40,482	178,407
Coefficient of Variation (Percent)					
Northeast	4.2	1.8	4.2	4.2	1.9
Mid-Atlantic	4.5	1.9	4.5	4.5	1.9
Southeast	3.6	1.5	3.6	3.6	1.5
Midwest	4.0	1.6	4.0	4.0	1.6
Southwest	3.7	1.6	3.7	3.7	1.6
Mountain Plains	4.3	2.0	4.3	4.3	2.0
Western	4.0	1.6	4.0	3.9	1.6
Total	3.2	1.4	3.2	3.2	1.4

Note: The coefficient of variation is defined as the ratio of the standard error to the eligibility estimate. Estimates for Puerto Rico and the other U.S. territories are not included in regional totals or standard errors.

FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020; Thorn et al., 2018; unpublished internal WIC administrative data

Table B.6-2016. Standard Errors and Coefficients of Variation for Estimated Number of Individuals Eligible for WIC by FNS Region and Participant Category

FNS Region	Infants	Children	Pregnant Women	Postpartum Women	Total
Number Eligible					
Northeast	168,789	743,581	111,229	119,088	1,142,687
Mid-Atlantic	181,093	824,643	119,351	124,608	1,249,694
Southeast	414,782	1,817,411	273,476	274,722	2,780,391
Midwest	276,666	1,231,593	182,217	185,116	1,875,593
Southwest	304,613	1,338,406	200,904	202,053	2,045,975
Mountain Plains	142,990	606,779	94,068	100,271	944,109
Western	372,105	1,754,630	245,290	266,328	2,638,353
Total	1,861,037	8,317,042	1,226,536	1,272,187	12,676,802
Standard Error					
Northeast	7,484	12,722	4,935	5,274	20,720
Mid-Atlantic	7,643	14,167	5,041	5,254	23,358
Southeast	15,751	26,059	10,390	10,440	46,900
Midwest	11,017	19,179	7,262	7,374	32,311
Southwest	11,770	20,336	7,767	7,813	34,793
Mountain Plains	6,552	12,341	4,313	4,587	19,453
Western	13,849	25,274	9,134	9,866	43,502
Total	63,283	104,615	41,736	43,158	195,131
Coefficient of Variation (Percent)					
Northeast	4.4	1.7	4.4	4.4	1.8
Mid-Atlantic	4.2	1.7	4.2	4.2	1.9
Southeast	3.8	1.4	3.8	3.8	1.7
Midwest	4.0	1.6	4.0	4.0	1.7
Southwest	3.9	1.5	3.9	3.9	1.7
Mountain Plains	4.6	2.0	4.6	4.6	2.1
Western	3.7	1.4	3.7	3.7	1.6
Total	3.4	1.3	3.4	3.4	1.5

Note: The coefficient of variation is defined as the ratio of the standard error to the eligibility estimate. Estimates for Puerto Rico and the other U.S. territories are not included in regional totals or standard errors.

FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a; Thorn et al., 2018; unpublished internal WIC administrative data

Table B.7a-2018. Adjustments for Calculating the Average Monthly Number of Individuals Eligible for WIC in Puerto Rico by Participant Category

Puerto Rico	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non-Breastfeeding Women	Total
Total number of infants/children in the PRCS	21,245	24,150	25,992	25,073	29,336	104,551	–	–	–	125,796
Number after adjustment for PRCS undercount/ overcount	22,637	22,735	25,337	27,054	28,858	103,983	–	–	–	126,620
Number with annual income <= 185 percent of the FPG	17,884	17,808	19,968	20,527	23,647	81,949	–	–	–	99,834
Number adjunctively income-eligible and with annual income > 185 percent of the FPG ^a	1,563	1,683	1,677	2,564	1,004	6,928	–	–	–	8,491
Through SNAP	1,245	548	1,118	1,462	221	3,349	–	–	–	4,594
Through TANF	0	0	0	0	0	0	–	–	–	0
Through Medicaid	319	1,135	559	1,102	783	3,579	–	–	–	3,897
Total number income and adjunctively income-eligible	19,448	19,491	21,644	23,091	24,652	88,877	–	–	–	108,325
Number after adjustment for monthly income and certification periods	20,601	20,818	23,118	24,663	26,330	94,930	–	–	–	115,531
Total number eligible: Number after adjustment for nutritional risk (infants and children)	19,983	20,610	22,887	24,416	26,067	93,981	–	–	–	113,963
Starting point for estimates of women is number of eligible infants	–	–	–	–	–	–	19,983	19,983	19,983	59,948
Number after adjustment for length of pregnancy and income of woman during pregnancy	–	–	–	–	–	–	13,638	–	–	13,638
Number after adjustment for multiple births and infant deaths	–	–	–	–	–	–	13,606	19,935	19,935	53,476
Number after adjustment for breastfeeding	–	–	–	–	–	–	–	9,069	4,601	13,670
Total number eligible: Number after adjustment for nutritional risk (pregnant and postpartum women)	–	–	–	–	–	–	13,198	9,069	4,601	26,867
Total number eligible in Puerto Rico	19,983	20,610	22,887	24,416	26,067	93,981	13,198	9,069	4,601	140,830

FPG = Federal Poverty Guidelines; PRCS = Puerto Rico Community Survey; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a Adjunctive income eligibility was counted by the first program that qualified the person for WIC, in this order: SNAP, TANF, Medicaid.

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Source: IPUMS-USA, n.d.

Table B.7a-2017. Adjustments for Calculating the Average Monthly Number of Individuals Eligible for WIC in Puerto Rico by Participant Category

Puerto Rico	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non-Breastfeeding Women	Total
Total number of infants/children in the PRCS	24,140	29,833	26,102	34,228	32,398	122,561	–	–	–	146,701
Number after adjustment for PRCS undercount/ overcount	27,380	27,885	29,487	31,065	32,152	120,589	–	–	–	147,969
Number with annual income <= 185 percent of the FPG	24,011	23,768	20,558	27,137	25,683	97,147	–	–	–	121,158
Number adjunctively income-eligible and with annual income > 185 percent of the FPG ^a	362	1,280	1,352	211	627	3,471	–	–	–	3,832
Through SNAP	362	1,280	836	0	149	2,264	–	–	–	2,626
Through TANF	0	0	0	0	0	0	–	–	–	0
Through Medicaid	0	0	516	211	478	1,206	–	–	–	1,206
Total number income and adjunctively income-eligible	24,373	25,048	21,911	27,349	26,311	100,618	–	–	–	124,991
Number after adjustment for monthly income and certification periods	25,818	26,754	23,403	29,211	28,102	107,470	–	–	–	133,288
Total number eligible: Number after adjustment for nutritional risk (infants and children)	25,044	26,486	23,169	28,919	27,821	106,395	–	–	–	131,439
Starting point for estimates of women is number of eligible infants	–	–	–	–	–	–	25,044	25,044	25,044	75,131
Number after adjustment for length of pregnancy and income of woman during pregnancy	–	–	–	–	–	–	17,092	–	–	17,092
Number after adjustment for multiple births and infant deaths	–	–	–	–	–	–	17,052	24,984	24,984	67,020
Number after adjustment for breastfeeding	–	–	–	–	–	–	–	11,365	5,766	17,132
Total number eligible: Number after adjustment for nutritional risk (pregnant and postpartum women)	–	–	–	–	–	–	16,540	11,365	5,766	33,672
Total number eligible in Puerto Rico	25,044	26,486	23,169	28,919	27,821	106,395	16,540	11,365	5,766	165,111

FPG = Federal Poverty Guidelines; PRCS = Puerto Rico Community Survey; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a Adjunctive income eligibility was counted by the first program that qualified the person for WIC, in this order: SNAP, TANF, Medicaid.

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Source: IPUMS-USA, n.d.

Table B.7a-2016. Adjustments for Calculating the Average Monthly Number of Individuals Eligible for WIC in Puerto Rico by Participant Category

Puerto Rico	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non-Breastfeeding Women	Total
Total number of infants/children in the PRCS	25,382	32,179	33,863	29,724	38,601	134,367	–	–	–	159,749
Number after adjustment for PRCS undercount/ overcount	30,121	30,802	32,332	33,380	34,876	131,390	–	–	–	161,511
Number with annual income <= 185 percent of the FPG	23,360	25,954	27,442	26,472	28,017	107,885	–	–	–	131,245
Number adjunctively income-eligible and with annual income > 185 percent of the FPG ^a	812	1,227	782	903	2,404	5,316	–	–	–	6,128
Through SNAP	496	751	186	199	850	1,987	–	–	–	2,483
Through TANF	0	0	0	76	0	76	–	–	–	76
Through Medicaid	316	476	596	628	1,554	3,253	–	–	–	3,569
Total number income and adjunctively income-eligible	24,172	27,181	28,224	27,375	30,421	113,201	–	–	–	137,373
Number after adjustment for monthly income and certification periods	25,605	29,032	30,146	29,240	32,493	120,910	–	–	–	146,515
Total number eligible: Number after adjustment for nutritional risk (infants and children)	24,837	28,741	29,844	28,947	32,168	119,701	–	–	–	144,538
Starting point for estimates of women is number of eligible infants	–	–	–	–	–	–	24,837	24,837	24,837	74,511
Number after adjustment for length of pregnancy and income of woman during pregnancy	–	–	–	–	–	–	16,951	–	–	16,951
Number after adjustment for multiple births and infant deaths	–	–	–	–	–	–	16,912	24,780	24,780	66,472
Number after adjustment for breastfeeding	–	–	–	–	–	–	–	11,272	5,719	16,991
Total number eligible: Number after adjustment for nutritional risk (pregnant and postpartum women)	–	–	–	–	–	–	16,405	11,272	5,719	33,396
Total number eligible in Puerto Rico	24,837	28,741	29,844	28,947	32,168	119,701	16,405	11,272	5,719	177,934

FPG = Federal Poverty Guidelines; PRCS = Puerto Rico Community Survey; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a Adjunctive income eligibility was counted by the first program that qualified the person for WIC, in this order: SNAP, TANF, Medicaid.

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Source: IPUMS-USA, n.d.

Table B.7b-2018. Adjustments for Calculating the Average Monthly Number of Individuals Eligible for WIC in the U.S. Territories Other Than Puerto Rico by Participant Category

Other U.S. Territories	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non-Breastfeeding Women	Total
Total number of infants/children in the other U.S. territories	6,289	6,324	6,338	6,330	6,261	25,253	–	–	–	31,542
Number after the other territories' full-eligibility factor	4,993	5,054	5,065	5,059	5,003	20,181	–	–	–	25,174
Number after monthly income adjustment	5,289	5,398	5,410	5,403	5,344	21,555	–	–	–	26,844
Total number eligible: Number after adjustment for nutritional risk (infants and children)	5,130	5,344	5,356	5,349	5,291	21,340	–	–	–	26,470
Starting point for estimates of women is number of eligible infants	–	–	–	–	–	–	5,130	5,130	5,130	15,390
Number after adjustment for length of pregnancy and income of woman during pregnancy	–	–	–	–	–	–	3,501	–	–	3,501
Number after adjustment for multiple births and infant deaths	–	–	–	–	–	–	3,482	5,102	5,102	13,686
Number after adjustment for breastfeeding	–	–	–	–	–	–	–	2,321	1,178	3,498
Total number eligible: Number after adjustment for nutritional risk (pregnant and postpartum women)	–	–	–	–	–	–	3,378	2,321	1,178	6,876
Total number eligible in U.S. Territories other than Puerto Rico	5,130	5,344	5,356	5,349	5,291	21,340	3,378	2,321	1,178	33,346
Total eligibility for Puerto Rico and other U.S. territories	25,113	25,954	28,243	29,765	31,358	115,320	16,575	11,389	5,779	174,176

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Source: U.S. Census Bureau, n.d.a

Table B.7b-2017. Adjustments for Calculating the Average Monthly Number of Individuals Eligible for WIC in the U.S. Territories Other Than Puerto Rico by Participant Category

Other U.S. Territories	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non-Breastfeeding Women	Total
Total number of infants/children in the other U.S. territories	6,411	6,423	6,412	6,348	6,438	25,621	–	–	–	32,032
Number after the other territories' full-eligibility factor	5,012	4,992	4,983	4,934	5,004	19,913	–	–	–	24,925
Number after monthly income adjustment	5,309	5,332	5,323	5,270	5,344	21,269	–	–	–	26,578
Total number eligible: Number after adjustment for nutritional risk (infants and children)	5,150	5,279	5,270	5,217	5,291	21,056	–	–	–	26,206
Starting point for estimates of women is number of eligible infants	–	–	–	–	–	–	5,150	5,150	5,150	15,449
Number after adjustment for length of pregnancy and income of woman during pregnancy	–	–	–	–	–	–	3,515	–	–	3,515
Number after adjustment for multiple births and infant deaths	–	–	–	–	–	–	3,495	5,121	5,121	13,738
Number after adjustment for breastfeeding	–	–	–	–	–	–	–	2,330	1,182	3,512
Total number eligible: Number after adjustment for nutritional risk (pregnant and postpartum women)	–	–	–	–	–	–	3,390	2,330	1,182	6,902
Total number eligible in U.S. Territories other than Puerto Rico	5,150	5,279	5,270	5,217	5,291	21,056	3,390	2,330	1,182	33,108
Total eligibility for Puerto Rico and other U.S. territories	30,193	31,765	28,438	34,136	33,112	127,452	19,931	13,695	6,948	198,219

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Source: U.S. Census Bureau, n.d.a

Table B.7b-2016. Adjustments for Calculating the Average Monthly Number of Individuals Eligible for WIC in the U.S. Territories Other Than Puerto Rico by Participant Category

Other U.S. Territories	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non-Breastfeeding Women	Total
Total number of infants/children in the other U.S. territories	6,515	6,497	6,431	6,528	6,548	26,004	–	–	–	32,519
Number after the other territories' full-eligibility factor	4,942	5,107	5,055	5,132	5,147	20,442	–	–	–	25,384
Number after monthly income adjustment	5,235	5,455	5,400	5,481	5,498	21,834	–	–	–	27,069
Total number eligible: Number after adjustment for nutritional risk (infants and children)	5,078	5,401	5,346	5,426	5,443	21,615	–	–	–	26,694
Starting point for estimates of women is number of eligible infants	–	–	–	–	–	–	5,078	5,078	5,078	15,235
Number after adjustment for length of pregnancy and income of woman during pregnancy	–	–	–	–	–	–	3,466	–	–	3,466
Number after adjustment for multiple births and infant deaths	–	–	–	–	–	–	3,447	5,050	5,050	13,547
Number after adjustment for breastfeeding	–	–	–	–	–	–	–	2,297	1,166	3,463
Total number eligible: Number after adjustment for nutritional risk (pregnant and postpartum women)	–	–	–	–	–	–	3,343	2,297	1,166	6,806
Total number eligible in U.S. Territories other than Puerto Rico	5,078	5,401	5,346	5,426	5,443	21,615	3,343	2,297	1,166	33,500
Total eligibility for Puerto Rico and other U.S. territories	29,915	34,142	35,190	34,374	37,611	141,316	19,748	13,570	6,885	211,434

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Source: U.S. Census Bureau, n.d.a

Table B.8-2018. Regional Estimates of the Average Monthly Numbers of Infants and Children Eligible for WIC by Demographic and Income Characteristics (Fully Adjusted Weights, Percentages)

Characteristics	Northeast			Mid-Atlantic			Southeast			Midwest		
	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children
Total	151,921	655,886	807,807	157,484	746,728	904,211	402,372	1,691,677	2,094,049	264,920	1,097,105	1,362,025
Gender	–	–	–	–	–	–	–	–	–	–	–	–
Male	53.0	50.5	51.0	56.2	51.6	52.4	47.6	51.8	51.0	59.7	47.5	49.9
Female	47.0	49.5	49.0	43.8	48.4	47.6	52.4	48.2	49.0	40.3	52.5	50.1
Race	–	–	–	–	–	–	–	–	–	–	–	–
White	67.5	63.1	63.9	59.1	66.5	65.2	57.8	53.8	54.6	58.2	60.3	59.9
Black	23.2	23.5	23.5	34.3	26.0	27.4	35.2	36.0	35.8	32.7	27.8	28.7
Other	9.2	13.4	12.6	6.6	7.5	7.3	6.9	10.2	9.6	9.2	11.9	11.4
Ethnicity	–	–	–	–	–	–	–	–	–	–	–	–
Hispanic/Latino	37.0	36.6	36.7	24.2	23.7	23.8	30.2	22.2	23.7	16.5	18.4	18.0
Non-Hispanic/Latino	63.0	63.4	63.3	75.8	76.3	76.2	69.8	77.8	76.3	83.5	81.6	82.0
Living arrangement	–	–	–	–	–	–	–	–	–	–	–	–
Two-parent family	65.4	60.1	61.1	52.2	54.2	53.8	62.2	49.8	52.2	53.0	50.0	50.6
Single parent family	32.4	33.9	33.6	39.3	37.5	37.8	32.3	43.5	41.4	41.9	42.2	42.1
No parent family	2.2	6.0	5.3	8.5	8.4	8.4	5.6	6.7	6.5	5.0	7.8	7.3
Related nonparent caretaker	0.0	4.4	3.6	0.6	5.8	4.9	4.2	4.9	4.8	3.2	5.9	5.4
Unrelated nonparent caretaker	2.2	1.6	1.7	7.9	2.5	3.5	1.4	1.8	1.7	1.8	1.9	1.9
Military status of household members	–	–	–	–	–	–	–	–	–	–	–	–
Ever served in U.S. military	11.2	4.7	5.9	5.2	10.9	9.9	9.5	6.0	6.7	7.9	4.1	4.8
Serving in U.S. military in 2018 ^a	4.9	0.6	1.4	2.7	0.9	1.3	5.7	1.9	2.6	1.1	0.5	0.6
Number of people in household	–	–	–	–	–	–	–	–	–	–	–	–
2	3.3	4.3	4.1	9.7	5.7	6.4	1.2	6.0	5.1	2.6	5.2	4.7
3	20.5	18.4	18.7	27.7	17.7	19.5	29.0	20.5	22.1	20.3	17.8	18.3
4	27.9	31.4	30.8	31.7	30.8	30.9	25.3	31.4	30.2	28.3	27.3	27.5
5	25.2	21.9	22.6	9.8	19.7	18.0	24.8	20.4	21.2	27.7	23.8	24.6
6 or more	23.1	24.0	23.8	21.2	26.1	25.2	19.6	21.7	21.3	21.0	25.9	25.0

Characteristics	Northeast			Mid-Atlantic			Southeast			Midwest		
	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children
Percent with working parent(s)	65.6	78.3	75.9	56.5	69.1	66.9	68.0	73.1	72.1	70.7	77.6	76.3
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—	—	—	—
No income	3.9	2.5	2.8	7.9	4.1	4.8	4.9	5.1	5.1	1.8	4.0	3.6
Up to 50% FPG	7.7	10.0	9.6	18.4	10.9	12.2	13.3	12.2	12.4	3.7	6.7	6.1
More than 50% up to 100% FPG	19.0	19.0	19.0	17.3	17.0	17.1	16.2	20.7	19.8	30.6	22.9	24.4
More than 100% up to 130% FPG	16.1	17.4	17.2	13.2	11.8	12.0	14.9	11.6	12.2	17.6	14.6	15.2
More than 130% up to 150% FPG	16.2	11.4	12.3	4.9	7.0	6.7	9.9	9.7	9.7	12.5	9.1	9.7
More than 150% up to 185% FPG	16.1	10.3	11.4	22.4	18.6	19.3	14.8	14.5	14.5	18.4	17.7	17.9
More than 185% up to 200% FPG	4.9	4.7	4.8	2.1	3.3	3.1	4.5	3.1	3.4	3.3	3.9	3.8
More than 200% FPG	16.1	24.7	23.1	13.6	27.2	24.8	21.5	23.0	22.8	12.1	21.1	19.4
Receipt of other benefits	—	—	—	—	—	—	—	—	—	—	—	—
No benefit receipt	14.8	11.1	11.8	30.9	15.2	18.0	19.6	19.6	19.6	25.7	15.8	17.7
Medicaid, SNAP and TANF	3.9	3.4	3.5	1.0	2.8	2.5	2.0	3.4	3.2	6.6	3.8	4.4
SNAP and TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.1	4.2	0.0	0.8
Medicaid and SNAP only	25.4	29.4	28.7	21.8	28.2	27.1	25.2	29.1	28.3	27.7	31.6	30.8
Medicaid and TANF only	1.8	0.2	0.5	0.0	2.1	1.7	0.0	0.9	0.8	0.9	0.8	0.8
SNAP only	10.5	6.4	7.2	20.7	9.1	11.2	17.0	9.4	10.8	10.3	8.6	9.0
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid only	43.6	49.5	48.4	25.6	42.6	39.6	35.7	37.7	37.3	24.7	39.3	36.5

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; PRCS = Puerto Rico Community Survey; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Sources: IPUMS-USA, n.d.; NBER, n.d.

Table B.8-2018 (continued). Regional Estimates of the Average Monthly Numbers of Infants and Children Eligible for WIC by Demographic and Income Characteristics (Fully Adjusted Weights, Percentages)

Characteristics	Southwest			Mountain Plains			Western			Total		
	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children
Total	275,782	1,296,132	1,571,914	107,759	521,414	629,173	340,209	1,702,803	2,043,012	1,700,445	7,711,746	9,412,191
Gender	–	–	–	–	–	–	–	–	–	–	–	–
Male	52.6	53.2	53.1	39.1	50.9	48.8	48.0	51.8	51.2	51.1	51.2	51.2
Female	47.4	46.8	46.9	60.9	49.1	51.2	52.0	48.2	48.8	48.9	48.8	48.8
Race	–	–	–	–	–	–	–	–	–	–	–	–
White	72.4	74.1	73.8	83.2	77.5	78.5	78.9	75.3	75.9	67.1	66.5	66.6
Black	20.8	15.2	16.1	4.0	10.4	9.3	7.0	7.6	7.5	23.7	21.3	21.7
Other	6.8	10.7	10.1	12.7	12.1	12.2	14.1	17.1	16.6	9.2	12.2	11.7
Ethnicity	–	–	–	–	–	–	–	–	–	–	–	–
Hispanic/Latino	48.0	52.2	51.5	30.7	30.2	30.3	64.2	55.0	56.5	37.9	35.8	36.2
Non-Hispanic/Latino	52.0	47.8	48.5	69.3	69.8	69.7	35.8	45.0	43.5	62.1	64.2	63.8
Living arrangement	–	–	–	–	–	–	–	–	–	–	–	–
Two-parent family	53.7	54.6	54.5	65.4	59.8	60.7	71.2	66.0	66.9	60.7	56.2	57.0
Single-parent family	35.8	40.2	39.5	28.6	36.9	35.5	19.9	29.4	27.8	32.3	37.8	36.8
No-parent family	10.5	5.1	6.1	5.9	3.3	3.8	8.9	4.6	5.3	7.0	6.0	6.2
Related nonparent caretaker	3.7	4.1	4.0	4.9	1.2	1.8	3.6	2.2	2.4	3.2	4.1	3.9
Unrelated nonparent caretaker	6.8	1.0	2.0	1.1	2.1	1.9	5.4	2.4	2.9	3.8	1.9	2.2
Military status of household members	–	–	–	–	–	–	–	–	–	–	–	–
Ever served in U.S. military	5.0	5.7	5.6	9.8	10.5	10.3	2.7	4.4	4.1	6.9	6.0	6.2
Serving in U.S. military in 2018 ^a	2.3	1.6	1.8	2.1	0.5	0.8	1.0	1.9	1.8	2.9	1.4	1.7
Number of people in household	–	–	–	–	–	–	–	–	–	–	–	–
2	7.5	5.4	5.8	1.9	5.6	4.9	4.1	3.0	3.2	4.1	4.9	4.8
3	19.3	17.6	17.9	18.7	15.7	16.2	12.8	15.3	14.9	21.3	17.7	18.4
4	29.3	30.5	30.3	29.6	28.7	28.9	26.0	27.9	27.6	27.7	29.6	29.3
5	27.6	21.2	22.3	20.7	22.3	22.1	24.6	21.9	22.3	24.1	21.5	22.0
6 or more	16.2	25.3	23.7	29.0	27.6	27.9	32.5	31.9	32.0	22.9	26.2	25.6

Characteristics	Southwest			Mountain Plains			Western			Total		
	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children
Percent with working parent(s)	59.8	74.5	72.0	75.0	77.0	76.7	69.8	73.1	72.5	66.6	74.3	72.9
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—	—	—	—
No income	10.7	6.6	7.3	5.9	3.5	4.0	6.3	4.7	4.9	5.9	4.7	4.9
Up to 50% FPG	11.2	10.0	10.2	4.2	10.3	9.3	10.3	10.8	10.7	10.2	10.3	10.3
More than 50% up to 100% FPG	17.7	21.9	21.1	21.6	19.1	19.5	20.2	17.7	18.1	20.2	19.9	20.0
More than 100% up to 130% FPG	15.9	12.5	13.1	9.1	13.3	12.6	12.7	14.2	13.9	14.6	13.4	13.6
More than 130% up to 150% FPG	4.2	9.6	8.7	4.3	12.3	10.9	4.5	7.8	7.2	8.1	9.2	9.0
More than 150% up to 185% FPG	14.5	15.4	15.2	22.9	17.8	18.7	14.3	17.2	16.8	16.5	16.0	16.1
More than 185% up to 200% FPG	1.8	2.9	2.7	4.0	2.0	2.4	1.6	2.8	2.6	3.1	3.2	3.2
More than 200% FPG	24.0	21.2	21.7	27.9	21.7	22.8	30.0	24.9	25.8	21.4	23.3	23.0
Receipt of other benefits	—	—	—	—	—	—	—	—	—	—	—	—
No benefit receipt	21.0	17.6	18.2	24.4	22.9	23.2	25.4	16.4	17.9	22.9	17.1	18.1
Medicaid, SNAP and TANF	0.0	1.8	1.5	0.7	3.2	2.8	3.0	6.1	5.6	2.6	3.7	3.5
SNAP and TANF only	1.2	0.0	0.2	1.2	0.0	0.2	1.8	0.5	0.7	1.4	0.1	0.3
Medicaid and SNAP only	27.5	36.0	34.5	21.8	26.5	25.7	22.6	22.7	22.7	24.9	29.0	28.2
Medicaid and TANF only	0.0	0.3	0.2	0.0	0.0	0.0	0.6	0.5	0.5	0.4	0.7	0.6
SNAP only	11.6	8.5	9.1	9.5	7.5	7.8	6.5	4.9	5.2	12.3	7.7	8.6
TANF only	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid only	38.7	35.8	36.3	42.5	39.8	40.3	40.0	48.9	47.4	35.5	41.7	40.6

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; PRCS = Puerto Rico Community Survey; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Sources: IPUMS-USA, n.d.; NBER, n.d.

Table B.8-2017. Regional Estimates of the Average Monthly Numbers of Infants and Children Eligible for WIC by Demographic and Income Characteristics (Fully Adjusted Weights, Percentages)

Characteristics	Northeast			Mid-Atlantic			Southeast			Midwest		
	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children
Total	128,971	743,460	872,432	194,987	859,416	1,054,403	349,372	1,790,597	2,139,969	275,485	1,230,923	1,506,408
Gender	—	—	—	—	—	—	—	—	—	—	—	—
Male	61.3	45.7	48.0	51.7	52.5	52.4	49.1	52.3	51.8	47.5	48.9	48.6
Female	38.7	54.3	52.0	48.3	47.5	47.6	50.9	47.7	48.2	52.5	51.1	51.4
Race	—	—	—	—	—	—	—	—	—	—	—	—
White	54.2	65.9	64.2	59.3	57.2	57.6	63.0	57.1	58.1	69.0	63.6	64.6
Black	30.2	19.5	21.1	28.2	26.7	27.0	31.6	35.3	34.7	18.4	23.9	22.9
Other	15.6	14.7	14.8	12.5	16.1	15.4	5.4	7.6	7.3	12.6	12.5	12.5
Ethnicity	—	—	—	—	—	—	—	—	—	—	—	—
Hispanic/Latino	33.0	31.5	31.7	32.8	24.9	26.4	24.2	20.1	20.8	17.8	15.0	15.5
Non-Hispanic/Latino	67.0	68.5	68.3	67.2	75.1	73.6	75.8	79.9	79.2	82.2	85.0	84.5
Living arrangement	—	—	—	—	—	—	—	—	—	—	—	—
Two-parent family	56.1	59.2	58.7	47.2	56.7	54.9	59.3	50.5	51.9	53.9	55.3	55.0
Single parent family	41.8	35.4	36.4	49.8	36.9	39.3	34.3	41.2	40.1	41.3	39.9	40.1
No parent family	2.1	5.4	4.9	3.0	6.5	5.8	6.4	8.3	8.0	4.8	4.8	4.8
Related nonparent caretaker	2.1	4.1	3.8	0.6	3.3	2.8	2.4	6.3	5.7	1.6	2.7	2.5
Unrelated nonparent caretaker	0.0	1.3	1.1	2.4	3.1	3.0	4.0	1.9	2.3	3.2	2.1	2.3
Military status of household members	—	—	—	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	0.4	4.3	3.7	4.8	6.0	5.7	8.0	7.6	7.7	3.2	8.0	7.2
Serving in U.S. military in 2017 ^a	5.3	1.9	2.4	0.0	0.4	0.3	5.6	2.3	2.8	0.8	0.0	0.2
Number of people in household	—	—	—	—	—	—	—	—	—	—	—	—
2	16.4	5.6	7.2	3.7	5.2	4.9	4.3	4.8	4.7	5.2	5.1	5.1
3	22.9	20.3	20.7	23.7	11.2	13.5	33.6	22.1	24.0	21.9	21.5	21.5
4	27.1	31.9	31.2	30.9	28.4	28.9	18.7	29.4	27.7	24.2	26.0	25.7
5	24.2	24.7	24.6	14.6	26.3	24.1	22.8	23.0	23.0	18.8	22.0	21.4
6 or more	9.3	17.4	16.2	27.2	29.0	28.7	20.7	20.6	20.6	30.0	25.4	26.2

Characteristics	Northeast			Mid-Atlantic			Southeast			Midwest		
	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children
Percent with working parent(s)	67.4	75.2	74.1	56.2	74.0	70.7	75.7	70.8	71.6	68.2	75.4	74.1
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—	—	—	—
No income	0.4	2.0	1.8	8.2	6.2	6.6	7.5	6.0	6.2	6.0	5.2	5.4
Up to 50% FPG	16.9	13.2	13.7	5.8	10.5	9.6	10.1	12.7	12.2	24.1	11.9	14.1
More than 50% up to 100% FPG	29.0	21.9	22.9	17.8	17.8	17.8	25.9	19.3	20.4	15.8	17.8	17.4
More than 100% up to 130% FPG	6.4	12.9	12.0	21.5	13.5	15.0	15.3	14.9	14.9	16.3	15.8	15.9
More than 130% up to 150% FPG	9.6	9.5	9.5	4.4	7.4	6.8	5.5	9.6	8.9	6.9	8.0	7.8
More than 150% up to 185% FPG	11.7	11.0	11.1	15.2	15.2	15.2	9.0	10.9	10.6	13.9	16.9	16.3
More than 185% up to 200% FPG	3.5	5.5	5.2	5.1	1.8	2.4	3.9	3.9	3.9	0.7	2.9	2.5
More than 200% FPG	22.4	24.0	23.8	22.1	27.6	26.6	22.9	22.8	22.8	16.3	21.6	20.6
Receipt of other benefits	—	—	—	—	—	—	—	—	—	—	—	—
No benefit receipt	18.7	14.8	15.4	14.9	16.0	15.8	20.0	16.5	17.0	19.7	15.2	16.0
Medicaid, SNAP and TANF	3.1	4.1	4.0	5.0	2.5	3.0	3.4	2.6	2.7	5.2	3.9	4.2
SNAP and TANF only	1.6	0.0	0.2	0.0	0.1	0.1	0.0	0.3	0.2	0.0	0.2	0.2
Medicaid and SNAP only	20.1	26.7	25.7	28.4	31.9	31.3	35.4	32.6	33.0	24.4	35.7	33.6
Medicaid and TANF only	0.0	1.8	1.5	0.0	0.0	0.0	0.0	0.3	0.2	0.9	0.7	0.7
SNAP only	21.6	8.5	10.5	13.5	5.0	6.5	11.6	10.3	10.5	19.0	8.8	10.6
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0
Medicaid only	35.0	44.0	42.7	38.2	44.5	43.3	29.6	37.2	35.9	30.7	35.5	34.6

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; PRCS = Puerto Rico Community Survey; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020

Table B.8-2017 (continued). Regional Estimates of the Average Monthly Numbers of Infants and Children Eligible for WIC by Demographic and Income Characteristics (Fully Adjusted Weights, Percentages)

Characteristics	Southwest			Mountain Plains			Western			Total		
	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children
Total	346,079	1,430,624	1,776,702	186,237	592,302	778,539	370,773	1,648,734	2,019,508	1,851,905	8,296,056	10,147,961
Gender	—	—	—	—	—	—	—	—	—	—	—	—
Male	56.0	48.9	50.3	58.8	53.1	54.4	53.5	51.1	51.5	53.1	50.5	50.9
Female	44.0	51.1	49.7	41.2	46.9	45.6	46.5	48.9	48.5	46.9	49.5	49.1
Race	—	—	—	—	—	—	—	—	—	—	—	—
White	68.3	68.3	68.3	74.6	80.5	79.1	75.7	74.1	74.4	67.6	65.8	66.2
Black	19.3	18.4	18.5	5.2	8.3	7.5	4.7	7.9	7.3	18.8	21.0	20.6
Other	12.4	13.3	13.2	20.2	11.3	13.4	19.7	18.0	18.3	13.6	13.2	13.2
Ethnicity	—	—	—	—	—	—	—	—	—	—	—	—
Hispanic/Latino	53.8	51.6	52.0	37.8	28.9	31.0	52.0	56.8	55.9	37.2	34.2	34.8
Non-Hispanic/Latino	46.2	48.4	48.0	62.2	71.1	69.0	48.0	43.2	44.1	62.8	65.8	65.2
Living arrangement	—	—	—	—	—	—	—	—	—	—	—	—
Two-parent family	63.3	55.4	56.9	69.8	64.6	65.9	68.6	65.5	66.1	60.7	57.5	58.0
Single-parent family	32.9	39.9	38.6	27.0	31.3	30.3	27.2	29.4	29.0	35.1	36.8	36.5
No-parent family	3.8	4.7	4.5	3.2	4.0	3.8	4.1	5.1	4.9	4.3	5.8	5.5
Related nonparent caretaker	2.0	4.2	3.8	1.2	2.2	2.0	1.9	3.4	3.1	1.8	4.0	3.6
Unrelated nonparent caretaker	1.7	0.5	0.7	2.0	1.8	1.9	2.3	1.7	1.8	2.5	1.7	1.9
Military status of household members	—	—	—	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	7.1	6.5	6.6	9.3	5.4	6.3	4.9	3.9	4.1	5.8	6.1	6.1
Serving in U.S. military in 2017 ^a	2.7	1.6	1.8	2.0	1.5	1.6	1.6	1.0	1.1	2.6	1.3	1.5
Number of people in household	—	—	—	—	—	—	—	—	—	—	—	—
2	1.9	5.3	4.6	3.2	3.1	3.1	3.4	4.2	4.1	4.5	4.8	4.7
3	19.2	18.0	18.2	23.5	18.5	19.7	22.9	15.8	17.1	24.2	18.5	19.5
4	26.3	27.8	27.5	24.7	22.5	23.0	24.2	23.6	23.7	24.5	27.1	26.6
5	26.5	22.5	23.3	26.1	28.5	27.9	19.8	19.3	19.4	21.8	22.9	22.7
6 or more	26.0	26.4	26.3	22.5	27.5	26.3	29.6	37.1	35.7	24.9	26.7	26.4

Characteristics	Southwest			Mountain Plains			Western			Total		
	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children
Percent with working parent(s)	68.9	77.3	75.7	79.8	81.8	81.3	71.5	75.9	75.1	70.2	75.1	74.2
Annual family income relative to FPG	–	–	–	–	–	–	–	–	–	–	–	–
No income	4.7	3.2	3.5	2.3	4.2	3.8	4.6	4.3	4.4	5.2	4.6	4.7
Up to 50% FPG	15.8	10.7	11.7	13.0	8.9	9.9	9.7	8.0	8.3	13.5	10.8	11.3
More than 50% up to 100% FPG	27.8	23.1	24.0	20.1	19.1	19.3	21.3	19.3	19.7	22.6	19.8	20.3
More than 100% up to 130% FPG	12.9	13.7	13.5	18.1	13.9	14.9	18.2	15.3	15.8	15.9	14.5	14.8
More than 130% up to 150% FPG	7.7	10.8	10.2	6.3	8.7	8.1	8.9	7.4	7.7	7.0	8.8	8.5
More than 150% up to 185% FPG	9.1	14.2	13.2	21.5	20.1	20.5	10.9	16.0	15.0	12.2	14.5	14.1
More than 185% up to 200% FPG	2.8	2.4	2.5	2.3	4.2	3.7	4.0	3.1	3.3	3.2	3.3	3.3
More than 200% FPG	19.2	21.9	21.4	16.3	20.9	19.8	22.5	26.6	25.9	20.4	23.7	23.1
Receipt of other benefits	–	–	–	–	–	–	–	–	–	–	–	–
No benefit receipt	21.3	22.5	22.2	26.4	22.2	23.2	22.2	14.6	16.0	20.7	17.2	17.8
Medicaid, SNAP and TANF	1.7	1.7	1.7	3.2	3.1	3.2	6.7	5.6	5.8	4.1	3.4	3.5
SNAP and TANF only	0.0	0.0	0.0	0.4	0.0	0.1	2.4	0.0	0.4	0.6	0.1	0.2
Medicaid and SNAP only	27.6	30.1	29.6	22.1	27.3	26.1	11.1	26.3	23.5	24.3	30.4	29.3
Medicaid and TANF only	0.0	0.4	0.3	0.3	0.5	0.5	0.6	0.7	0.7	0.3	0.6	0.5
SNAP only	14.5	7.8	9.1	15.5	8.8	10.4	11.7	5.0	6.2	14.6	7.8	9.0
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Medicaid only	34.9	37.4	36.9	32.1	38.0	36.6	45.2	47.7	47.3	35.4	40.5	39.6

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; PRCS = Puerto Rico Community Survey; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020

Table B.8-2016. Regional Estimates of the Average Monthly Numbers of Infants and Children Eligible for WIC by Demographic and Income Characteristics (Fully Adjusted Weights, Percentages)

Characteristics	Northeast			Mid-Atlantic			Southeast			Midwest		
	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children
Total	158,364	681,605	839,969	187,994	824,835	1,012,829	370,760	1,898,534	2,269,293	314,465	1,286,975	1,601,440
Gender	—	—	—	—	—	—	—	—	—	—	—	—
Male	56.1	51.5	52.4	55.3	50.0	51.0	58.6	52.5	53.5	47.6	54.8	53.4
Female	43.9	48.5	47.6	44.7	50.0	49.0	41.4	47.5	46.5	52.4	45.2	46.6
Race	—	—	—	—	—	—	—	—	—	—	—	—
White	68.4	62.2	63.3	70.9	60.6	62.5	65.5	55.2	56.8	67.3	67.1	67.1
Black	17.3	25.1	23.6	16.9	27.3	25.4	27.0	36.7	35.1	22.0	20.9	21.1
Other	14.3	12.8	13.1	12.2	12.1	12.1	7.5	8.2	8.1	10.7	12.0	11.8
Ethnicity	—	—	—	—	—	—	—	—	—	—	—	—
Hispanic/Latino	26.8	30.1	29.5	27.5	25.0	25.5	19.6	21.5	21.2	17.6	20.0	19.5
Non-Hispanic/Latino	73.2	69.9	70.5	72.5	75.0	74.5	80.4	78.5	78.8	82.4	80.0	80.5
Living arrangement	—	—	—	—	—	—	—	—	—	—	—	—
Two-parent family	61.6	63.7	63.3	65.5	54.5	56.5	61.0	50.4	52.1	58.1	53.0	54.0
Single parent family	36.9	31.4	32.4	32.4	40.4	38.9	33.5	43.9	42.2	37.8	41.8	41.0
No parent family	1.6	4.9	4.3	2.1	5.1	4.5	5.5	5.8	5.7	4.1	5.2	4.9
Related nonparent caretaker	0.7	2.6	2.2	0.0	1.5	1.2	4.3	3.9	4.0	1.6	3.2	2.9
Unrelated nonparent caretaker	0.9	2.3	2.0	2.1	3.6	3.3	1.2	1.9	1.8	2.5	1.9	2.0
Military status of household members	—	—	—	—	—	—	—	—	—	—	—	—
Ever served in U.S. military	11.6	5.7	6.9	6.1	4.2	4.5	10.1	6.8	7.4	4.8	6.7	6.4
Serving in U.S. military in 2016 ^a	1.9	1.7	1.8	1.8	0.6	0.8	1.3	1.3	1.3	0.0	0.6	0.5
Number of people in household	—	—	—	—	—	—	—	—	—	—	—	—
2	2.7	3.2	3.1	9.9	5.8	6.6	2.6	6.2	5.6	8.6	7.1	7.4
3	31.5	20.4	22.5	24.7	20.8	21.5	24.9	22.0	22.5	21.9	18.8	19.4
4	33.9	32.3	32.6	30.7	24.9	26.0	29.7	28.5	28.7	25.4	28.1	27.6
5	18.7	26.2	24.8	18.1	22.3	21.6	14.2	19.4	18.5	22.7	19.4	20.0
6 or more	13.2	18.0	17.1	16.6	26.2	24.4	28.7	23.9	24.7	21.4	26.6	25.6

Characteristics	Northeast			Mid-Atlantic			Southeast			Midwest		
	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children
Percent with working parent(s)	74.9	76.0	75.8	61.8	71.0	69.3	74.2	71.8	72.2	75.9	71.0	72.0
Annual family income relative to FPG	—	—	—	—	—	—	—	—	—	—	—	—
No income	8.3	4.4	5.1	4.7	6.3	6.0	5.6	7.6	7.3	4.1	5.0	4.9
Up to 50% FPG	9.8	10.4	10.3	10.9	16.4	15.4	14.3	13.1	13.3	9.5	11.8	11.4
More than 50% up to 100% FPG	13.4	16.7	16.0	10.7	17.0	15.9	16.8	21.6	20.8	21.3	20.1	20.4
More than 100% up to 130% FPG	11.5	14.8	14.1	19.9	12.2	13.7	7.8	16.3	14.9	13.3	12.7	12.8
More than 130% up to 150% FPG	10.3	8.7	9.0	10.3	7.3	7.8	9.6	7.7	8.0	10.8	10.4	10.5
More than 150% up to 185% FPG	17.7	14.4	15.1	15.5	12.8	13.3	16.5	13.1	13.6	9.7	15.0	13.9
More than 185% up to 200% FPG	0.5	2.9	2.4	1.6	2.2	2.1	0.4	2.7	2.3	7.2	3.8	4.4
More than 200% FPG	28.6	27.7	27.9	26.5	25.8	25.9	28.9	17.9	19.7	24.2	21.2	21.8
Receipt of other benefits	—	—	—	—	—	—	—	—	—	—	—	—
No benefit receipt	27.7	10.4	13.7	13.2	13.3	13.3	17.0	16.5	16.6	12.6	14.0	13.7
Medicaid, SNAP and TANF	1.8	7.0	6.0	6.5	3.3	3.9	3.7	4.5	4.3	4.5	3.2	3.4
SNAP and TANF only	0.0	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.0	1.2	0.0	0.2
Medicaid and SNAP only	26.4	25.1	25.3	16.0	33.2	30.0	29.5	34.5	33.7	31.5	39.1	37.6
Medicaid and TANF only	0.0	0.5	0.4	0.3	0.4	0.4	0.0	0.5	0.4	0.9	0.0	0.2
SNAP only	5.8	9.7	8.9	20.1	9.5	11.5	8.7	11.8	11.3	14.5	8.3	9.5
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0
Medicaid only	38.2	47.3	45.6	43.7	40.0	40.7	41.1	31.8	33.4	34.8	35.4	35.3

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; PRCS = Puerto Rico Community Survey; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a

Table B.8-2016 (continued). Regional Estimates of the Average Monthly Numbers of Infants and Children Eligible for WIC by Demographic and Income Characteristics (Fully Adjusted Weights, Percentages)

Characteristics	Southwest			Mountain Plains			Western			Total		
	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children
Total	326,314	1,315,006	1,641,320	157,376	614,204	771,580	345,764	1,695,883	2,041,648	1,861,037	8,317,042	10,178,079
Gender	–	–	–	–	–	–	–	–	–	–	–	–
Male	52.4	48.0	48.9	62.4	51.5	53.7	53.3	48.7	49.5	54.4	51.0	51.6
Female	47.6	52.0	51.1	37.6	48.5	46.3	46.7	51.3	50.5	45.6	49.0	48.4
Race	–	–	–	–	–	–	–	–	–	–	–	–
White	59.7	70.8	68.6	75.2	76.3	76.1	76.5	76.7	76.7	68.4	66.5	66.9
Black	29.0	17.1	19.5	10.8	9.6	9.8	7.5	6.6	6.7	19.7	21.1	20.9
Other	11.4	12.0	11.9	14.0	14.1	14.1	16.1	16.7	16.6	11.9	12.3	12.3
Ethnicity	–	–	–	–	–	–	–	–	–	–	–	–
Hispanic/Latino	41.0	49.8	48.1	30.3	21.8	23.5	54.7	59.4	58.6	31.8	34.5	34.0
Non-Hispanic/Latino	59.0	50.2	51.9	69.7	78.2	76.5	45.3	40.6	41.4	68.2	65.5	66.0
Living arrangement	–	–	–	–	–	–	–	–	–	–	–	–
Two-parent family	55.7	55.0	55.2	68.8	60.7	62.4	71.9	64.4	65.7	62.8	56.6	57.8
Single-parent family	42.1	39.6	40.1	27.7	34.8	33.4	24.5	29.7	28.8	33.7	38.0	37.2
No-parent family	2.2	5.3	4.7	3.5	4.5	4.3	3.6	5.9	5.5	3.5	5.4	5.1
Related nonparent caretaker	1.7	4.9	4.2	1.2	3.1	2.7	2.3	4.4	4.0	2.0	3.6	3.3
Unrelated nonparent caretaker	0.6	0.5	0.5	2.4	1.3	1.6	1.3	1.5	1.5	1.5	1.8	1.7
Military status of household members	–	–	–	–	–	–	–	–	–	–	–	–
Ever served in U.S. military	5.4	7.3	6.9	8.5	7.7	7.8	4.2	4.4	4.4	6.9	6.1	6.2
Serving in U.S. military in 2016 ^a	1.3	1.4	1.4	0.9	1.0	0.9	4.7	1.2	1.8	1.8	1.1	1.3
Number of people in household	–	–	–	–	–	–	–	–	–	–	–	–
2	8.4	5.9	6.4	5.7	5.6	5.6	2.2	2.8	2.7	5.5	5.3	5.3
3	22.1	17.9	18.8	16.5	20.8	19.9	22.7	15.0	16.3	23.3	19.1	19.9
4	28.0	27.0	27.2	22.2	25.6	24.9	22.2	26.0	25.3	27.1	27.4	27.4
5	18.1	26.0	24.4	26.2	23.7	24.2	19.3	21.0	20.7	19.0	21.9	21.4
6 or more	23.4	23.2	23.2	29.4	24.3	25.3	33.7	35.2	35.0	25.0	26.3	26.1

Characteristics	Southwest			Mountain Plains			Western			Total		
	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children	WIC-Eligible Infants	WIC-Eligible Children	WIC-Eligible Infants and Children
Percent with working parent(s)	66.6	75.8	74.0	70.9	74.0	73.4	60.9	74.3	72.1	69.2	73.3	72.5
Annual family income relative to FPG	–	–	–	–	–	–	–	–	–	–	–	–
No income	3.4	2.4	2.6	3.0	4.5	4.2	1.8	2.8	2.7	4.2	4.8	4.7
Up to 50% FPG	7.9	12.3	11.4	16.4	13.7	14.2	14.4	7.3	8.5	11.8	11.7	11.8
More than 50% up to 100% FPG	18.2	24.7	23.4	25.1	19.2	20.4	19.4	24.9	24.0	18.1	21.5	20.9
More than 100% up to 130% FPG	19.3	12.5	13.9	8.6	11.8	11.2	12.1	13.6	13.3	13.2	13.7	13.6
More than 130% up to 150% FPG	11.9	8.3	9.0	10.8	8.9	9.3	11.3	9.2	9.5	10.7	8.6	9.0
More than 150% up to 185% FPG	15.2	14.8	14.9	14.5	15.7	15.5	14.4	15.3	15.1	14.6	14.4	14.4
More than 185% up to 200% FPG	2.8	2.8	2.8	2.8	3.5	3.4	3.9	3.9	3.9	3.0	3.1	3.1
More than 200% FPG	21.2	22.2	22.0	18.8	22.7	21.9	22.7	23.1	23.0	24.5	22.1	22.5
Receipt of other benefits	–	–	–	–	–	–	–	–	–	–	–	–
No benefit receipt	16.7	15.2	15.5	22.0	18.8	19.5	17.7	15.0	15.5	17.3	15.0	15.4
Medicaid, SNAP and TANF	1.5	2.4	2.3	1.5	4.4	3.8	6.8	7.9	7.7	4.0	4.7	4.6
SNAP and TANF only	0.0	0.0	0.0	1.9	0.0	0.4	2.3	0.0	0.4	0.8	0.0	0.2
Medicaid and SNAP only	32.9	36.8	36.0	34.5	31.1	31.8	25.1	28.9	28.3	28.4	33.3	32.4
Medicaid and TANF only	0.7	0.7	0.7	0.2	0.6	0.5	0.0	0.7	0.6	0.3	0.5	0.5
SNAP only	15.4	9.8	10.9	16.6	7.5	9.3	12.5	6.3	7.4	13.1	9.1	9.9
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Medicaid only	32.8	35.0	34.6	23.2	37.7	34.7	35.6	41.1	40.2	36.1	37.3	37.1

Note: These estimates were tabulated from the fully adjusted person weights for the CPS-ASEC data. They were adjusted to account for the undercount/overcount of infants and children in the CPS relative to U.S. Census Bureau estimates, monthly income, or nutritional risk. This table does not include estimates for Puerto Rico or the other U.S. territories.

CPS = Current Population Survey; CPS-ASEC = CPS Annual Social and Economic Supplement; FPG = Federal Poverty Guidelines; PRCs = Puerto Rico Community Survey; SNAP = Supplemental Nutrition Assistance Program; TANF = Temporary Assistance for Needy Families

^a The military status of household members who were currently serving in the U.S. military was included on the CPS-ASEC only if they resided in civilian housing on or off a military base.

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Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a

Table B.9. WIC Coverage Rates by State: CY 2005–CY 2018

State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total	56.5	58.1	60.6	62.4	62.9	61.6	63.5	63.2	59.3	54.8	52.7	58.9	56.0	56.9
Alabama	50.9	54.7	56.4	59.8	59.3	62.6	62.1	63.2	61.3	53.5	54.1	60.4	57.8	58.8
Alaska	66.0	64.5	68.6	69.0	61.6	69.1	60.6	60.7	64.1	44.3	49.1	48.1	43.5	57.3
Arizona	49.2	49.6	53.1	54.0	58.0	56.0	61.3	57.8	54.9	51.1	50.8	54.3	49.9	51.9
Arkansas	50.4	49.9	50.7	52.5	56.8	57.1	60.0	61.7	56.0	48.0	48.1	53.1	53.8	52.3
California	69.3	73.2	75.8	75.9	77.7	78.0	82.5	80.1	74.1	71.0	65.0	70.8	65.9	67.1
Colorado	40.0	42.5	41.5	47.9	50.3	53.8	50.0	48.5	47.2	41.0	40.8	47.3	44.8	50.4
Connecticut	51.6	52.9	55.7	56.2	59.2	50.7	51.2	52.9	49.5	43.1	47.0	52.8	53.0	50.1
Delaware	54.4	60.5	56.6	68.9	64.5	59.7	66.0	58.8	58.2	51.7	51.6	56.3	47.8	49.4
District of Columbia	70.2	65.9	74.0	75.1	79.5	69.3	67.0	63.0	54.9	47.2	50.8	56.9	48.6	44.6
Florida	47.9	50.2	58.7	61.7	61.8	60.9	61.0	56.9	54.0	51.4	51.2	58.0	55.7	57.4
Georgia	54.9	54.8	57.7	59.6	59.6	56.5	59.6	59.6	54.9	48.8	48.7	51.9	50.7	49.3
Hawaii	64.9	61.6	63.7	66.7	60.3	62.5	64.8	59.1	57.3	51.6	56.2	57.7	46.8	57.4
Idaho	40.7	44.9	46.7	48.5	51.5	48.2	47.5	53.7	48.7	47.6	45.4	47.9	47.1	47.1
Illinois	50.7	52.8	53.4	54.0	53.4	52.2	52.4	54.5	52.0	48.1	43.5	48.7	45.7	47.5
Indiana	46.6	49.8	52.4	54.5	55.2	54.8	55.8	55.6	52.9	48.4	48.7	56.1	54.4	59.4
Iowa	53.5	54.3	58.6	64.2	61.7	61.0	59.1	62.0	52.4	47.2	44.1	51.5	56.9	60.3
Kansas	51.4	56.6	56.0	61.1	60.6	56.3	56.5	56.8	51.9	46.2	46.7	56.6	46.0	46.9
Kentucky	59.1	66.3	65.3	64.9	65.2	63.7	67.0	69.8	64.5	53.4	53.5	57.9	55.3	58.4
Louisiana	51.2	46.6	52.8	53.2	57.8	57.6	61.3	59.0	56.9	50.8	51.2	55.5	51.0	49.5
Maine	48.5	48.1	55.4	56.7	50.4	54.6	56.0	53.5	49.8	51.3	50.9	58.3	57.3	63.0
Maryland	59.8	65.9	71.6	73.5	71.2	70.0	72.8	71.8	66.9	63.5	59.8	73.4	69.8	65.8
Massachusetts	65.5	67.4	71.3	67.1	66.7	63.1	61.0	68.2	57.8	56.8	53.8	60.0	60.9	64.4
Michigan	57.1	57.3	59.7	57.5	57.3	57.7	61.0	63.3	59.8	56.3	55.3	60.9	59.7	64.0
Minnesota	69.4	76.3	81.9	80.2	73.1	73.5	69.1	73.7	69.6	63.4	56.7	65.9	65.4	66.3
Mississippi	53.7	54.0	60.3	62.3	57.2	51.7	56.5	56.0	54.2	52.3	47.2	55.6	59.6	61.6
Missouri	49.4	49.7	52.7	54.5	54.0	52.2	57.1	57.6	55.2	51.5	46.9	55.7	51.8	53.7
Montana	51.0	52.5	48.7	49.2	45.1	46.1	41.8	45.7	40.7	39.1	39.3	42.0	40.6	45.7
Nebraska	51.4	54.2	57.1	57.8	54.3	51.8	54.3	57.0	49.1	51.5	43.1	57.3	54.2	54.4
Nevada	43.6	50.8	49.5	55.4	56.5	57.4	59.4	57.7	61.2	53.6	51.1	59.4	52.5	52.8

State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
New Hampshire	44.3	43.6	51.6	53.2	61.6	51.2	53.9	45.2	41.1	42.7	41.3	52.1	42.3	44.1
New Jersey	54.3	57.9	57.9	59.9	58.8	60.4	60.3	58.7	56.1	52.4	50.7	57.7	56.8	57.0
New Mexico	47.0	48.1	50.4	51.1	51.9	49.0	51.3	52.1	47.0	45.7	42.4	48.2	45.7	43.9
New York	63.3	63.5	64.5	66.2	66.1	63.2	66.0	65.4	61.7	54.7	53.5	60.7	59.1	60.9
North Carolina	51.1	52.0	53.5	56.8	56.3	55.2	56.2	58.5	55.1	51.1	51.5	58.3	56.4	56.6
North Dakota	62.7	65.6	62.1	56.5	62.4	53.2	48.4	75.4	47.4	39.7	47.1	55.5	57.7	51.9
Ohio	55.7	59.4	61.5	65.2	61.9	57.2	58.9	59.4	54.0	50.2	47.7	55.5	51.9	53.0
Oklahoma	55.5	55.5	55.8	60.0	62.9	59.3	60.6	60.7	52.3	53.1	48.8	60.0	54.0	58.9
Oregon	62.6	63.2	67.4	65.0	65.8	65.6	63.6	65.0	63.1	53.0	53.5	61.3	58.4	63.3
Pennsylvania	54.4	54.8	57.0	56.9	58.2	55.8	58.0	55.8	55.2	51.9	49.9	56.1	53.9	55.4
Puerto Rico	70.5	73.1	76.1	78.0	77.7	78.7	84.6	86.7	85.5	83.1	85.0	85.1	81.1	77.3
Rhode Island	62.5	63.3	69.3	77.6	64.5	71.1	66.1	69.5	61.3	53.6	55.2	67.3	63.3	57.4
South Carolina	52.2	52.9	55.7	57.6	56.7	54.8	56.5	58.7	51.9	47.8	49.2	49.9	46.7	47.3
South Dakota	49.6	65.9	59.9	63.3	51.8	56.5	63.0	60.8	49.3	45.0	48.6	53.9	53.0	58.9
Tennessee	53.3	51.7	54.3	54.3	55.4	52.2	54.3	56.8	50.3	45.8	43.3	47.0	47.8	46.1
Texas	57.3	57.1	58.2	61.2	65.9	66.4	66.5	64.3	62.1	58.9	55.4	61.7	57.1	54.8
Utah	43.9	39.3	43.0	46.2	48.4	45.4	47.2	45.5	43.3	40.2	37.1	43.2	42.8	45.2
Vermont	64.0	71.3	73.9	82.1	80.1	66.8	84.7	69.4	60.3	64.6	64.5	61.1	58.4	75.1
Virginia	52.4	58.5	59.3	61.4	59.4	54.5	59.7	59.1	55.4	47.7	45.1	51.9	46.4	47.3
Washington	56.4	57.9	60.6	65.9	64.4	60.7	64.4	64.4	62.2	56.9	53.5	59.9	55.3	55.9
West Virginia	57.8	55.9	58.9	66.4	62.9	65.3	66.0	73.6	54.8	51.9	48.7	55.1	55.6	54.3
Wisconsin	54.2	56.9	61.3	61.4	60.8	54.6	53.2	59.7	55.4	47.2	48.5	52.9	55.0	57.3
Wyoming	53.6	56.8	54.2	55.4	51.1	52.1	53.5	52.6	52.3	44.1	45.2	59.6	48.4	54.7

Note: Coverage rate estimates for 2016–2018 differ methodologically from earlier estimates because of changes to the underlying data sources. Comparisons between the 2016–2018 estimates and prior estimates should be interpreted with caution. See chapter 2 in volume I for more information.

CY = calendar year

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020, n.d.a; unpublished internal WIC administrative data

Table B.10-2018. WIC Coverage Rates by State and Participant Category With Margins of Error for 95-Percent Confidence Intervals

State	Infants		1-Year-Old Children		2-Year-Old Children		3-Year-Old Children		4-Year-Old Children		All Children		Pregnant Women		Postpartum Women		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
Alabama	100.0	15.2	71.4	11.8	48.8	8.3	36.5	5.2	25.7	3.2	44.7	2.4	63.0	9.4	78.0	11.7	58.8	3.5
Alaska	100.0	34.9	54.9	19.5	50.8	14.3	54.7	21.2	23.0	7.4	45.2	7.2	61.3	21.4	81.1	28.5	57.3	7.5
Arizona	91.1	11.5	55.9	6.0	43.7	5.1	38.7	4.4	22.2	2.6	40.7	2.0	41.6	5.3	79.4	10.0	51.9	2.6
Arkansas	98.2	16.4	57.2	8.9	37.2	6.0	30.2	4.8	20.6	3.4	36.4	2.8	56.4	9.4	78.4	13.1	52.3	3.4
California	95.6	7.6	74.2	5.1	61.4	4.4	55.8	4.1	44.2	3.1	58.8	2.1	56.6	4.5	87.4	6.9	67.1	2.4
Colorado	82.2	12.2	61.9	11.1	40.3	6.7	35.5	5.3	22.7	4.1	40.4	2.7	44.8	6.6	74.4	10.9	50.4	3.1
Connecticut	89.1	16.8	63.2	13.3	42.4	9.8	31.6	5.8	22.1	3.9	39.0	3.4	57.0	10.7	57.6	10.8	50.1	3.9
Delaware	100.0	34.9	57.5	20.9	35.9	12.1	30.3	11.6	18.4	6.5	35.1	5.1	53.9	18.8	74.3	25.9	49.4	7.5
District of Columbia	89.6	48.1	60.4	28.3	32.1	17.2	22.7	10.0	12.6	4.5	30.1	5.3	36.5	19.6	77.5	41.6	44.6	7.4
Florida	99.1	9.4	67.2	5.7	47.2	4.0	38.7	3.3	23.3	2.0	43.9	1.7	55.6	5.3	88.3	8.3	57.4	2.3
Georgia	96.3	11.2	49.8	5.2	37.1	3.7	33.4	3.5	17.6	2.0	34.5	1.6	53.4	6.2	76.6	8.9	49.3	2.3
Hawaii	100.0	28.4	64.3	18.2	47.2	12.1	44.6	13.7	16.7	4.5	44.4	5.9	57.4	15.8	80.9	22.4	57.4	6.8
Idaho	85.1	20.7	46.1	9.7	46.7	9.1	34.2	8.0	17.9	4.5	36.5	3.6	46.3	11.3	71.7	17.4	47.1	4.7
Illinois	93.5	10.5	42.3	4.9	38.9	5.0	31.6	3.3	23.8	2.5	34.1	1.6	43.1	4.8	73.9	8.3	47.5	2.3
Indiana	100.0	15.4	62.6	9.1	53.9	6.4	40.8	5.7	26.6	3.3	46.4	2.7	48.1	7.4	92.2	14.1	59.4	3.5
Iowa	100.0	18.8	68.5	15.1	52.5	9.7	44.8	9.8	19.8	3.7	45.5	4.2	56.5	9.4	100.0	17.4	60.3	5.2
Kansas	75.6	15.3	55.0	11.6	44.3	9.2	33.8	5.8	20.1	3.5	38.0	3.3	44.7	9.1	61.8	12.5	46.9	3.7
Kentucky	100.0	15.8	55.9	7.6	49.3	8.0	36.8	5.3	29.5	4.0	42.9	2.6	63.2	9.0	83.5	11.9	58.4	3.2
Louisiana	95.9	13.7	54.4	7.9	36.9	5.6	26.8	3.7	18.7	2.5	33.7	1.9	52.0	7.4	79.2	11.3	49.5	2.8
Maine	100.0	30.1	59.1	24.9	67.5	22.3	47.4	18.7	31.3	9.4	50.3	7.8	61.0	16.4	87.5	23.5	63.0	8.4
Maryland	100.0	17.9	74.5	11.9	55.9	8.9	45.6	6.7	30.8	4.8	51.5	3.5	67.1	10.9	92.3	14.9	65.8	4.8
Massachusetts	100.0	18.1	77.2	12.5	60.8	10.5	48.6	6.7	30.6	4.5	54.0	3.3	58.2	10.5	88.4	15.9	64.4	4.3

State	Infants		1-Year-Old Children		2-Year-Old Children		3-Year-Old Children		4-Year-Old Children		All Children		Pregnant Women		Postpartum Women		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
Michigan	†	–	71.3	7.1	56.4	7.1	47.7	5.6	26.2	3.0	50.2	2.7	66.8	8.6	83.3	10.7	64.0	3.4
Minnesota	100.0	19.9	68.3	10.0	59.5	9.1	52.2	10.7	38.4	7.3	54.7	4.9	57.1	10.6	94.0	17.4	66.3	5.5
Mississippi	100.0	16.9	62.9	9.2	48.9	8.8	44.4	7.6	27.9	4.9	45.8	2.9	55.4	8.4	92.8	14.1	61.6	3.7
Missouri	100.0	15.8	52.6	6.3	41.6	6.1	30.8	4.5	22.1	3.1	36.7	2.2	60.4	8.8	87.2	12.6	53.7	3.2
Montana	91.3	29.4	43.1	13.3	39.2	10.6	40.4	11.9	18.2	5.8	34.6	5.4	49.8	16.0	69.0	22.2	45.7	6.3
Nebraska	81.0	17.4	72.5	15.5	50.3	12.7	38.8	8.2	31.4	7.1	46.9	5.1	40.0	8.6	70.9	15.1	54.4	5.4
Nevada	88.3	13.4	61.2	10.5	50.0	9.8	34.6	5.9	24.9	4.3	42.3	3.1	39.5	6.0	79.1	12.0	52.8	3.6
New Hampshire	64.7	22.4	55.6	19.1	43.7	13.2	30.7	11.3	28.0	12.0	39.1	6.2	35.7	12.4	51.7	17.9	44.1	7.0
New Jersey	89.0	14.4	58.8	7.2	49.4	7.3	46.7	6.7	32.0	4.3	46.9	3.0	47.4	7.6	79.1	12.7	57.0	3.7
New Mexico	75.6	17.4	46.2	8.0	38.7	8.1	30.4	5.9	19.1	3.9	33.9	2.3	40.2	9.3	67.5	15.5	43.9	3.3
New York	99.7	10.5	68.0	6.5	52.1	5.0	44.7	3.9	29.5	2.5	48.8	1.9	53.1	5.6	92.3	9.6	60.9	2.7
North Carolina	100.0	11.5	57.8	6.8	47.7	4.8	38.8	4.4	25.2	2.9	42.2	2.2	56.1	6.3	90.4	10.2	56.6	2.7
North Dakota	80.0	34.6	67.7	31.4	38.9	14.7	40.7	18.4	31.0	14.3	44.6	9.7	39.7	17.1	66.7	28.9	51.9	9.5
Ohio	†	–	49.3	5.3	36.9	3.6	31.2	3.5	23.5	2.3	35.0	1.7	54.3	6.2	75.8	8.7	53.0	2.6
Oklahoma	100.0	18.6	46.2	6.3	54.9	8.5	42.8	6.1	29.0	4.1	43.3	2.8	70.0	11.6	84.5	14.0	58.9	3.5
Oregon	100.0	19.5	62.8	9.8	65.8	9.5	48.1	7.7	30.4	5.7	52.2	3.0	61.5	11.6	90.9	17.0	63.3	4.3
Pennsylvania	100.0	14.6	61.8	7.4	50.1	5.7	37.3	4.3	21.7	2.3	42.2	2.2	54.9	7.6	81.4	11.1	55.4	2.9
Rhode Island	83.4	30.5	64.3	26.2	58.7	20.3	46.6	16.2	33.4	12.7	51.3	8.8	43.7	16.0	64.8	23.6	57.4	8.0
South Carolina	100.0	15.8	53.4	7.7	34.6	5.1	26.6	3.8	11.4	1.5	30.6	1.8	54.4	8.4	80.5	12.4	47.3	2.3
South Dakota	97.4	44.1	57.1	19.4	39.6	14.9	48.5	18.2	51.0	17.1	48.7	8.5	53.1	24.1	75.5	34.1	58.9	11.4
Tennessee	100.0	13.2	43.1	5.3	32.6	3.8	25.9	2.7	16.0	1.8	29.2	1.6	58.9	7.7	78.0	10.2	46.1	2.3
Texas	94.3	7.9	60.8	4.2	42.5	3.4	37.0	2.8	18.7	1.4	39.8	1.4	47.6	4.0	100.0	8.4	54.8	2.0
Utah	72.8	14.5	46.7	8.2	40.7	6.7	35.2	6.7	22.5	4.0	36.9	3.5	37.4	7.5	64.3	12.7	45.2	4.1
Vermont	94.6	44.9	100.0	48.4	88.8	34.7	47.8	18.5	49.5	25.4	70.3	12.6	60.7	28.8	88.6	42.1	75.1	14.4
Virginia	85.2	12.8	40.0	5.7	45.8	7.0	34.5	4.5	21.2	3.0	35.3	1.9	44.8	6.7	66.1	9.9	47.3	2.8
Washington	79.4	11.2	57.4	8.3	54.7	7.1	46.6	5.6	37.7	4.3	49.3	2.9	48.9	6.9	69.7	9.7	55.9	3.0

State	Infants		1-Year-Old Children		2-Year-Old Children		3-Year-Old Children		4-Year-Old Children		All Children		Pregnant Women		Postpartum Women		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
West Virginia	100.0	27.0	50.7	11.0	46.2	10.7	32.2	5.7	23.3	4.3	37.6	3.1	61.3	14.3	99.4	23.2	54.3	4.4
Wisconsin	100.0	19.6	78.5	12.4	47.8	7.4	39.9	7.6	24.2	3.8	46.1	3.4	48.9	9.6	83.5	16.3	57.3	4.2
Wyoming	96.3	36.4	61.5	28.8	52.2	18.3	44.4	20.6	15.9	5.9	42.5	8.9	50.9	19.2	84.2	32.0	54.7	8.1
Total	97.9	6.3	61.0	3.2	48.0	2.8	40.1	2.1	26.4	1.4	43.8	1.2	53.1	3.4	84.5	5.4	56.6	1.7

Note: The estimated coverage rate exceeded 100 percent for infants in Alabama, Alaska, Delaware, Hawaii, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, North Carolina, Oklahoma, Oregon, Pennsylvania, South Carolina, Tennessee, and West Virginia; and postpartum women in Iowa and Texas. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates. The MOE is a measure of the estimate's variability. The larger the MOE in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 95-percent confidence interval. MOEs for the Total row are for the 50 States and the District of Columbia. MOEs for a 95-percent confidence interval can be interpreted to mean there is a 95-percent chance that the true value—that is, the true coverage rate—falls within the estimated bounds determined by the MOE. For example, although the best estimate of New York's coverage rate was 60.9 percent in 2018, the true rate may have been higher or lower. The chances are 95 in 100 that the true coverage rate was within 2.7 percentage points higher or 2.7 percentage points lower than 60.9 percent, or between 58.2 percent and 63.6 percent.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; MOE = margin of error

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent

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Sources: IPUMS-USA, n.d.; NBER, n.d.; Kline et al., 2020; unpublished internal WIC administrative data

Table B.10-2017. WIC Coverage Rates by State and Participant Category With Margins of Error for 95-Percent Confidence Intervals

State	Infants		1-Year-Old Children		2-Year-Old Children		3-Year-Old Children		4-Year-Old Children		All Children		Pregnant Women		Postpartum Women		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
Alabama	100.0	16.5	55.2	7.4	42.6	6.4	37.7	5.3	28.2	3.9	41.3	2.3	70.1	10.7	84.7	12.9	57.8	3.0
Alaska	67.6	23.3	45.4	13.9	36.2	17.5	35.2	12.3	24.3	8.8	35.9	6.3	42.6	14.7	55.8	19.3	43.5	7.0
Arizona	86.6	10.5	57.4	7.1	40.4	4.8	37.4	4.3	21.2	2.5	39.2	1.9	40.2	4.9	75.3	9.1	49.9	2.4
Arkansas	100.0	17.4	57.2	9.1	37.3	6.7	29.6	4.4	21.1	3.7	36.5	2.7	62.6	10.4	84.6	14.0	53.8	3.7
California	94.0	7.8	70.5	4.7	56.3	3.7	56.9	3.8	45.7	3.2	57.4	1.9	56.7	4.7	86.9	7.2	65.9	2.3
Colorado	74.1	10.3	52.0	7.2	34.2	4.4	33.0	4.1	21.0	3.2	35.1	2.3	41.5	5.8	67.1	9.3	44.8	2.9
Connecticut	100.0	26.2	62.8	13.1	38.3	7.8	33.8	7.0	23.1	4.2	38.8	3.5	69.0	16.8	66.1	16.1	53.0	5.0
Delaware	83.5	29.2	54.7	22.2	41.0	12.1	33.0	13.9	17.0	5.6	36.7	5.5	47.3	16.6	60.0	21.0	47.8	6.8
District of Columbia	99.9	43.0	55.7	23.7	31.4	15.0	32.1	17.4	12.2	4.2	32.2	4.8	41.1	17.7	88.0	37.9	48.6	6.9
Florida	95.9	8.8	62.1	5.5	44.2	3.5	39.5	3.3	22.8	2.0	42.5	1.6	55.5	5.1	85.4	7.8	55.7	2.1
Georgia	82.4	9.1	52.8	5.5	41.9	4.2	37.5	3.7	22.8	2.3	39.1	1.9	41.5	4.6	90.8	10.0	50.7	2.3
Hawaii	77.8	24.2	52.3	14.7	40.8	9.8	32.1	9.2	27.3	6.4	37.2	3.7	42.2	13.1	64.8	20.3	46.8	6.1
Idaho	72.2	15.7	63.9	15.6	40.0	8.4	37.3	7.9	17.4	3.9	39.6	4.0	39.6	8.6	61.5	13.3	47.1	4.9
Illinois	95.1	10.4	41.8	4.7	33.2	3.4	29.8	2.8	21.5	2.5	31.8	1.5	47.0	5.2	74.5	8.1	45.7	2.2
Indiana	95.6	14.1	58.9	6.7	49.2	5.7	37.5	4.7	17.5	2.2	41.6	2.1	48.8	7.2	86.5	12.8	54.4	3.0
Iowa	100.0	19.1	60.4	10.6	48.2	8.1	39.6	7.3	23.2	4.0	43.7	3.8	54.0	10.2	95.0	18.0	56.9	4.5
Kansas	75.2	12.4	54.5	10.8	39.2	6.5	37.6	6.4	17.6	3.0	37.1	2.9	44.9	7.4	61.5	10.2	46.0	3.6
Kentucky	97.6	17.3	57.9	7.7	42.5	5.4	40.3	5.9	28.4	4.0	42.3	2.5	59.4	10.5	73.8	13.1	55.3	3.5
Louisiana	100.0	17.4	48.0	7.8	36.3	4.6	29.8	3.6	20.6	2.5	34.2	2.0	56.7	9.6	84.5	14.4	51.0	3.0
Maine	83.2	29.7	66.5	25.8	50.8	14.6	56.4	14.7	31.2	8.2	50.9	6.6	46.2	16.5	65.8	23.5	57.3	7.5
Maryland	†	–	73.4	11.0	54.7	8.6	57.1	9.3	29.2	3.9	53.7	3.9	76.9	12.3	100.0	16.2	69.8	4.6
Massachusetts	89.2	14.0	72.2	12.4	55.5	8.9	49.7	6.9	31.2	5.4	52.6	4.2	53.5	8.4	78.5	12.3	60.9	4.7

State	Infants		1-Year-Old Children		2-Year-Old Children		3-Year-Old Children		4-Year-Old Children		All Children		Pregnant Women		Postpartum Women		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
Michigan	100.0	14.1	63.4	7.4	47.3	5.1	51.0	5.7	21.0	2.4	46.3	2.4	66.0	8.4	79.1	10.0	59.7	3.0
Minnesota	100.0	20.7	69.9	12.8	56.6	10.7	57.0	10.3	33.5	5.6	54.1	5.2	57.6	11.5	91.7	18.3	65.4	5.4
Mississippi	†	–	58.3	9.5	41.5	5.9	35.5	5.7	25.6	4.4	40.6	2.4	65.3	11.9	100.0	18.8	59.6	3.9
Missouri	98.3	13.7	57.1	8.4	37.4	5.2	33.0	4.4	20.0	2.7	36.9	2.3	56.6	7.9	78.3	10.9	51.8	3.0
Montana	70.9	20.4	50.3	15.7	31.6	9.1	33.5	8.8	16.5	4.0	32.3	3.8	38.8	11.2	53.9	15.6	40.6	5.2
Nebraska	90.9	22.5	54.4	11.4	44.0	12.6	45.5	11.7	29.9	6.5	43.7	4.7	44.7	11.0	80.7	19.8	54.2	5.8
Nevada	84.5	15.7	56.3	10.1	45.0	8.1	36.6	6.3	33.6	5.1	42.8	3.4	39.2	7.3	74.7	13.9	52.5	4.0
New Hampshire	55.4	21.6	62.1	26.7	52.7	22.4	33.7	13.3	18.3	7.0	40.1	8.1	31.8	12.4	44.2	17.2	42.3	8.1
New Jersey	93.1	13.2	57.9	7.3	44.8	6.1	45.0	5.7	33.0	4.3	45.6	2.6	52.3	7.4	84.0	11.9	56.8	3.1
New Mexico	73.6	16.3	51.4	10.5	34.2	6.8	39.8	7.7	19.0	4.5	36.2	3.7	41.2	9.1	66.8	14.8	45.7	3.8
New York	92.6	9.1	68.7	5.3	48.8	4.0	46.6	3.7	29.1	2.4	48.4	1.8	51.5	5.1	85.3	8.4	59.1	2.3
North Carolina	96.7	11.7	58.8	6.9	48.4	5.0	40.3	4.9	23.7	2.7	43.0	2.3	56.5	6.8	86.4	10.4	56.4	2.6
North Dakota	84.7	34.9	95.0	52.4	39.8	12.4	56.8	27.7	27.4	11.8	50.8	10.8	44.2	18.2	69.7	28.7	57.7	11.4
Ohio	†	–	46.7	5.0	34.5	3.7	33.0	3.1	24.7	2.5	34.9	1.6	53.8	5.3	71.5	7.1	51.9	2.2
Oklahoma	95.7	12.6	57.0	10.7	43.9	6.1	38.1	6.6	25.6	3.7	41.1	2.7	61.9	8.2	72.5	9.6	54.0	3.1
Oregon	84.7	14.7	69.1	13.2	51.6	7.9	47.2	8.6	36.3	5.2	50.7	3.5	51.0	8.8	75.9	13.1	58.4	4.2
Pennsylvania	100.0	12.5	59.5	5.8	43.8	5.1	37.3	4.3	23.3	2.7	41.1	2.4	55.3	6.8	74.3	9.1	53.9	2.9
Rhode Island	100.0	36.4	56.6	20.2	56.1	16.4	46.8	15.9	37.9	13.0	50.3	7.7	62.0	20.3	87.6	28.7	63.3	7.9
South Carolina	95.1	13.4	53.0	7.6	32.0	4.1	27.6	4.0	10.9	1.5	31.3	1.6	53.0	7.5	77.8	11.0	46.7	2.5
South Dakota	85.1	33.4	63.7	21.6	64.7	25.8	33.5	9.9	23.1	10.6	44.4	7.2	42.9	16.9	68.2	26.8	53.0	6.8
Tennessee	97.8	12.8	44.2	5.9	31.7	4.2	33.2	4.0	15.6	2.2	31.5	1.9	60.1	7.9	75.6	9.9	47.8	2.3
Texas	92.0	7.1	65.8	4.7	44.1	3.1	41.1	3.0	20.2	1.4	43.4	1.5	49.7	3.8	97.7	7.5	57.1	1.9
Utah	67.0	12.3	46.0	7.5	34.5	6.3	31.8	5.7	25.7	4.5	35.2	3.1	36.1	6.6	59.7	10.8	42.8	3.7
Vermont	100.0	65.3	56.7	23.4	44.2	16.3	49.3	17.7	36.5	17.7	46.8	8.3	64.4	41.1	95.3	60.9	58.4	10.6
Virginia	87.8	13.5	41.7	6.1	36.5	4.6	35.6	4.5	19.8	2.5	33.6	2.1	49.0	7.5	68.3	10.5	46.4	2.9
Washington	75.0	9.3	61.4	7.3	48.8	6.3	49.9	5.5	38.3	5.1	49.7	2.8	47.2	5.8	66.5	8.2	55.3	3.2

State	Infants		1-Year-Old Children		2-Year-Old Children		3-Year-Old Children		4-Year-Old Children		All Children		Pregnant Women		Postpartum Women		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
West Virginia	93.7	18.5	61.9	14.3	42.9	12.3	42.5	10.6	26.6	4.9	42.9	4.8	52.6	10.4	81.9	16.1	55.6	5.3
Wisconsin	90.0	16.9	64.7	10.7	45.9	6.8	40.9	7.0	27.8	4.7	45.5	3.5	45.5	8.5	75.5	14.1	55.0	4.2
Wyoming	86.6	41.7	64.9	27.0	36.2	13.1	27.3	8.8	26.0	8.9	37.1	6.7	47.9	23.0	75.3	36.3	48.4	10.7
Total	94.0	5.9	59.9	3.2	44.5	2.1	41.7	2.1	26.6	1.4	43.4	1.2	52.9	3.3	82.2	5.1	55.6	1.5

Note: The estimated coverage rates exceeded 100 percent for infants in Alabama, Arkansas, Connecticut, Iowa, Maryland, Michigan, Minnesota, Pennsylvania, Rhode Island, and Vermont; and postpartum women in Maryland and Mississippi. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates. The MOE is a measure of the estimate's variability. The larger the MOE in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 95-percent confidence interval. MOEs for the Total row are for the 50 States and the District of Columbia. MOEs for a 95-percent confidence interval can be interpreted to mean there is a 95-percent chance that the true value—that is, the true coverage rate—falls within the estimated bounds determined by the MOE. For example, although the best estimate of New York's coverage rate was 59.1 percent in 2017, the true rate may have been higher or lower. The chances are 95 in 100 that the true coverage rate was within 2.3 percentage points higher or 2.3 percentage points lower than 59.1 percent, or between 56.8 percent and 61.4 percent.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; MOE = margin of error

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent

– denotes blank cells

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020; Thorn et al., 2018; unpublished internal WIC administrative data

Table B.10-2016. WIC Coverage Rates by State and Participant Category With Margins of Error for 95-Percent Confidence Intervals

State	Infants		1-Year-Old Children		2-Year-Old Children		3-Year-Old Children		4-Year-Old Children		All Children		Pregnant Women		Postpartum Women		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
Alabama	100.0	17.8	62.5	9.6	49.1	7.5	39.6	4.7	29.4	4.3	45.2	2.5	70.6	12.0	81.7	13.9	60.4	3.9
Alaska	67.4	22.3	58.5	15.9	40.9	15.6	37.8	15.5	30.2	11.6	42.2	5.9	44.4	14.7	54.4	18.3	48.1	7.2
Arizona	98.9	13.2	57.9	7.2	44.2	4.8	39.1	4.6	23.0	2.7	41.5	2.1	47.4	6.3	86.4	11.6	54.3	2.7
Arkansas	100.0	15.9	57.4	11.0	34.5	5.2	32.6	5.3	21.0	3.5	36.6	2.4	60.8	9.6	81.2	12.8	53.1	3.3
California	100.0	8.5	72.1	4.4	62.1	3.8	58.0	3.6	46.6	3.2	59.7	1.9	67.1	5.3	99.3	7.9	70.8	2.5
Colorado	79.8	13.1	57.9	8.5	39.4	6.3	31.5	4.5	19.9	3.1	36.4	2.7	45.9	7.5	71.7	11.7	47.3	3.1
Connecticut	100.0	22.4	63.3	16.3	36.6	6.9	37.8	7.8	24.4	4.4	40.1	3.4	65.1	14.4	62.6	13.8	52.8	4.2
Delaware	100.0	39.2	61.5	28.1	42.6	14.2	47.6	21.2	17.0	5.7	42.0	6.4	60.2	22.2	72.8	26.9	56.3	9.0
District of Columbia	100.0	52.6	64.8	27.0	44.4	16.7	27.5	9.7	13.7	4.5	36.5	4.9	55.1	23.5	100.0	47.8	56.9	7.7
Florida	95.9	8.9	65.6	5.0	50.5	4.1	39.6	2.9	24.3	2.1	45.3	1.5	56.6	5.2	85.0	7.8	58.0	2.2
Georgia	77.0	8.7	56.8	5.6	46.2	4.6	40.6	4.0	23.6	2.6	42.0	1.9	37.1	4.2	93.9	10.6	51.9	2.4
Hawaii	96.1	21.3	53.1	14.5	48.3	11.7	41.2	10.6	39.5	11.0	45.7	5.4	54.1	12.0	83.9	18.5	57.7	5.6
Idaho	73.9	15.9	58.5	13.1	44.9	8.6	35.3	6.8	18.4	3.4	39.8	3.1	42.8	9.2	63.3	13.6	47.9	4.0
Illinois	96.2	10.6	45.9	4.4	36.8	3.7	33.4	3.5	22.6	2.3	34.8	1.5	51.3	5.6	72.2	7.9	48.7	2.2
Indiana	98.3	12.9	62.6	7.3	54.9	6.5	37.7	4.7	17.0	1.7	43.2	2.5	50.6	6.6	85.8	11.3	56.1	3.1
Iowa	75.4	15.1	67.4	14.0	48.4	9.6	36.4	8.0	23.3	4.6	44.1	4.4	39.4	7.9	67.3	13.5	51.5	5.0
Kansas	100.0	17.2	64.7	12.5	58.1	11.1	39.6	8.6	17.5	3.1	43.1	3.9	60.7	10.1	82.4	13.6	56.6	4.6
Kentucky	100.0	15.9	59.6	8.4	46.3	6.9	39.1	5.2	30.6	4.4	44.1	2.9	62.9	9.6	78.1	12.0	57.9	3.6
Louisiana	100.0	13.6	55.8	7.0	38.1	6.0	33.1	5.2	22.2	2.8	37.6	1.9	61.3	7.6	90.0	11.2	55.5	2.9
Maine	100.0	49.5	58.8	17.5	55.3	19.2	38.7	10.8	31.3	10.3	45.6	6.4	60.1	27.5	84.9	39.0	58.3	9.9
Maryland	†	–	71.1	10.0	67.5	10.5	54.6	8.1	30.9	4.3	56.2	4.0	81.4	14.5	100.0	19.7	73.4	5.4
Massachusetts	93.3	14.5	70.1	9.3	56.2	8.8	50.6	6.5	25.7	3.8	50.1	3.3	57.3	8.9	81.5	12.7	60.0	3.7

State	Infants		1-Year-Old Children		2-Year-Old Children		3-Year-Old Children		4-Year-Old Children		All Children		Pregnant Women		Postpartum Women		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
Michigan	100.0	12.0	67.6	7.9	53.2	5.0	53.6	5.3	22.5	2.7	50.0	2.3	61.7	7.4	71.1	8.5	60.9	2.8
Minnesota	96.7	15.6	68.8	11.1	59.3	11.1	58.1	8.2	38.2	5.6	56.6	4.2	55.7	9.0	85.8	13.8	65.9	4.6
Mississippi	100.0	14.7	54.0	7.9	39.8	6.5	41.6	6.5	23.7	4.3	40.3	2.5	53.3	7.7	82.9	11.9	55.6	3.1
Missouri	100.0	14.2	60.4	8.6	45.3	6.3	34.3	4.0	22.9	3.2	41.0	2.5	58.0	8.1	79.8	11.2	55.7	3.5
Montana	75.8	25.6	39.0	10.8	33.4	8.2	29.3	8.8	24.1	6.8	32.3	4.7	43.3	14.6	58.7	19.8	42.0	5.4
Nebraska	99.1	23.8	61.1	14.7	43.7	9.5	42.6	9.7	33.0	7.8	45.4	4.8	51.7	12.4	85.8	20.7	57.3	5.8
Nevada	100.0	22.5	58.7	10.6	45.2	7.4	40.0	5.9	37.2	6.1	45.4	3.3	53.0	11.1	96.8	20.3	59.4	4.9
New Hampshire	87.0	32.1	52.7	19.4	51.9	16.0	40.2	15.0	23.7	8.0	42.8	7.6	49.2	18.2	67.9	25.2	52.1	9.0
New Jersey	87.1	11.4	68.1	8.1	48.3	5.3	42.8	5.4	34.6	4.4	48.5	2.6	50.1	6.6	78.2	10.2	57.7	3.3
New Mexico	83.7	16.5	52.4	9.0	39.9	7.4	33.1	6.2	20.3	4.2	36.8	2.6	47.2	9.3	76.0	15.0	48.2	3.2
New York	92.2	8.7	71.8	5.9	51.8	5.0	48.1	4.1	30.1	2.5	50.5	1.9	53.2	5.0	84.0	7.9	60.7	2.4
North Carolina	98.6	11.4	57.5	5.7	51.6	4.6	43.8	4.3	25.3	2.4	45.0	1.8	57.6	6.7	87.2	10.1	58.3	2.6
North Dakota	82.5	39.9	84.9	30.7	65.5	24.3	33.6	18.7	24.1	8.4	47.9	11.0	44.6	21.5	68.9	33.5	55.5	13.8
Ohio	†	–	49.0	4.5	39.1	4.2	34.7	3.9	26.1	2.8	37.5	1.7	58.4	6.8	76.2	8.9	55.5	2.6
Oklahoma	100.0	16.2	53.0	6.9	55.6	8.0	40.8	5.5	28.8	3.9	44.7	2.8	71.4	10.6	86.0	12.7	60.0	3.5
Oregon	90.7	14.8	60.9	9.9	55.0	8.6	53.7	9.0	38.2	6.0	52.1	3.3	57.2	9.4	79.7	13.0	61.3	4.1
Pennsylvania	100.0	13.1	63.7	6.8	45.9	5.9	40.4	4.4	22.2	2.5	42.7	2.1	59.1	7.3	73.3	9.0	56.1	2.7
Rhode Island	100.0	42.2	70.2	27.6	57.8	23.4	60.9	25.4	28.8	9.4	53.8	9.7	66.8	24.2	89.0	32.2	67.3	10.0
South Carolina	100.0	14.7	56.0	8.0	31.8	4.4	31.1	4.6	12.7	1.7	33.8	1.9	57.6	8.4	81.7	12.0	49.9	2.5
South Dakota	77.0	24.9	64.7	18.4	50.8	15.6	45.1	15.1	28.1	8.1	48.2	7.4	39.1	12.6	64.5	20.9	53.9	8.8
Tennessee	89.3	11.4	45.0	5.5	34.5	3.6	33.6	3.7	15.6	2.0	32.5	1.6	55.6	7.1	69.5	8.9	47.0	2.4
Texas	100.0	8.4	69.3	4.7	47.2	3.3	43.6	3.3	21.2	1.5	45.9	1.5	57.2	4.7	100.0	8.8	61.7	2.2
Utah	62.6	12.4	48.1	9.4	41.5	7.0	34.3	5.6	22.4	3.7	37.0	3.4	34.7	6.9	56.2	11.1	43.2	4.0
Vermont	63.9	28.6	82.1	40.8	72.2	31.1	61.8	24.1	47.4	21.5	65.9	12.2	39.2	17.5	58.2	26.0	61.1	13.5
Virginia	92.7	13.7	51.0	6.8	44.2	6.4	36.2	4.6	23.6	3.2	38.9	2.2	52.1	7.7	72.4	10.7	51.9	3.2
Washington	85.5	11.6	63.4	8.3	51.4	5.8	52.9	6.4	39.0	5.0	51.8	2.5	56.8	7.7	77.4	10.5	59.9	3.2

State	Infants		1-Year-Old Children		2-Year-Old Children		3-Year-Old Children		4-Year-Old Children		All Children		Pregnant Women		Postpartum Women		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
West Virginia	90.7	19.7	58.8	13.7	48.2	11.3	40.4	8.6	26.3	6.0	43.0	3.9	53.2	11.6	78.9	17.1	55.1	5.2
Wisconsin	87.6	13.3	66.0	10.7	40.9	6.0	42.1	6.8	23.9	4.2	43.1	3.2	45.4	6.9	73.9	11.2	52.9	3.5
Wyoming	100.0	49.4	68.7	27.5	53.9	25.9	45.5	20.8	23.4	9.5	45.9	9.9	53.9	26.0	90.9	43.6	59.6	14.2
Total	98.0	6.5	62.7	2.9	48.8	2.4	43.5	2.1	27.7	1.5	45.9	1.1	56.5	3.8	85.5	5.7	58.5	1.8

Note: The estimated coverage rates exceeded 100 percent for infants in Alabama, Arkansas, California, Connecticut, Delaware, District of Columbia, Kansas, Kentucky, Louisiana, Maine, Michigan, Mississippi, Missouri, Nevada, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Texas, and Wyoming; and postpartum women in the District of Columbia, Maryland, and Texas. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates. The MOE is a measure of the estimate's variability. The larger the MOE in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 95-percent confidence interval. MOEs for the Total row are for the 50 States and the District of Columbia. MOEs for a 95-percent confidence interval can be interpreted to mean there is a 95-percent chance that the true value—that is, the true coverage rate—falls within the estimated bounds determined by the MOE. For example, although the best estimate of New York's coverage rate was 60.7 percent in 2016, the true rate may have been higher or lower. The chances are 95 in 100 that the true coverage rate was within 2.4 percentage points higher or 2.4 percentage points lower than 60.7 percent, or between 58.3 percent and 63.1 percent.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; MOE = margin of error

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent

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Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a; Thorn et al., 2018; unpublished internal WIC administrative data

Table B.11-2018. State-Level WIC Coverage Rates by Race and Ethnicity With Margins of Error for 95-Percent Confidence Intervals

State	Non-Hispanic White-Only		Non-Hispanic Black-Only and Other ^a		Hispanic/Latino		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
Alabama	53.7	4.8*	60.6	5.5	70.8	12.0	58.8	3.5
Alaska	36.0	8.0*	71.4	12.6*	100.0	85.5	57.3	7.5
Arizona	46.9	5.1	74.0	9.4*	48.4	3.3*	51.9	2.6*
Arkansas	55.8	5.1*	47.4	5.7*	51.8	7.6*	52.3	3.4*
California	41.6	3.1*	68.2	5.0*	72.1	3.4*	67.1	2.4*
Colorado	44.4	5.4	57.1	9.7	53.2	4.7*	50.4	3.1*
Connecticut	34.5	6.4*	55.5	8.9	56.8	5.6*	50.1	3.9*
Delaware	43.2	13.3	49.0	14.3	57.7	10.7	49.4	7.5*
District of Columbia	23.4	22.9*	39.9	7.3*	74.8	37.0	44.6	7.4*
Florida	45.5	3.7*	59.9	4.3	64.2	4.2	57.4	2.3
Georgia	46.3	4.0	51.1	3.8*	49.2	4.5*	49.3	2.3*
Hawaii	35.1	13.3*	67.5	9.1*	48.1	13.6*	57.4	6.8
Idaho	43.2	5.5*	74.8	26.8	50.6	7.7*	47.1	4.7*
Illinois	42.8	3.7*	47.3	4.5*	52.0	3.9*	47.5	2.3*
Indiana	57.7	4.6*	67.4	6.9*	53.9	7.2*	59.4	3.5
Iowa	52.5	6.1	77.2	17.4*	71.5	14.1	60.3	5.2
Kansas	42.8	5.0*	45.9	7.4*	54.5	7.7*	46.9	3.7*
Kentucky	60.5	4.7*	55.1	7.9	50.0	9.0*	58.4	3.2
Louisiana	47.7	5.4	51.2	4.0*	46.9	8.3*	49.5	2.8*
Maine	55.9	8.2	100.0	47.3	†	–	63.0	8.4
Maryland	45.2	6.2	68.0	6.7*	80.1	10.2*	65.8	4.8*
Massachusetts	54.5	7.0	61.0	8.2	75.5	7.9*	64.4	4.3*
Michigan	59.8	4.9*	65.6	6.3*	78.2	12.7*	64.0	3.4*
Minnesota	53.9	6.7	76.1	9.7*	79.5	17.4*	66.3	5.5*
Mississippi	58.5	7.4*	61.0	4.9	96.9	23.7*	61.6	3.7*
Missouri	53.2	4.7	54.7	5.9	53.4	9.2*	53.7	3.2*
Montana	39.7	6.9*	66.8	18.6	44.1	30.2	45.7	6.3*
Nebraska	44.2	6.7	72.7	18.5	59.6	10.0	54.4	5.4
Nevada	54.9	10.6	55.6	7.9	50.5	5.1*	52.8	3.6*
New Hampshire	43.6	7.5	41.7	19.2	48.1	27.3	44.1	7.0*

State	Non-Hispanic White-Only		Non-Hispanic Black-Only and Other ^a		Hispanic/Latino		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
New Jersey	47.0	5.5	52.9	6.2*	64.6	5.7	57.0	3.7
New Mexico	30.3	5.2*	49.1	6.5*	46.4	4.5*	43.9	3.3*
New York	50.4	3.8	73.9	6.0*	59.6	3.7	60.9	2.7*
North Carolina	57.8	5.0*	54.7	4.4	57.9	5.2	56.6	2.7
North Dakota	36.0	9.5*	84.3	28.6	56.2	46.6	51.9	9.5
Ohio	49.6	4.0	57.3	4.3	56.5	8.0	53.0	2.6*
Oklahoma	54.4	5.4*	65.1	7.4	57.9	6.8	58.9	3.5
Oregon	62.8	6.3*	59.5	11.0	65.4	7.4	63.3	4.3*
Pennsylvania	50.6	4.1	61.1	6.0	58.3	6.3	55.4	2.9
Rhode Island	45.1	11.8	69.4	24.1	61.8	13.6	57.4	8.0
South Carolina	46.4	4.7	46.3	3.8*	54.8	9.9	47.3	2.3*
South Dakota	42.5	9.4	79.8	24.7	65.1	47.0	58.9	11.4
Tennessee	50.5	4.2	38.9	3.5*	48.3	5.3*	46.1	2.3*
Texas	38.6	3.2*	51.4	3.9*	60.0	2.8	54.8	2.0
Utah	36.9	4.1*	39.4	8.5*	67.1	16.3	45.2	4.1*
Vermont	73.0	15.8*	74.8	55.4	†	–	75.1	14.4*
Virginia	42.4	4.2*	47.6	4.4*	54.5	7.5*	47.3	2.8*
Washington	47.4	4.4	64.5	9.5	61.1	5.1	55.9	3.0
West Virginia	52.5	5.1	59.4	16.5	†	–	54.3	4.4
Wisconsin	47.1	5.2	74.3	10.9*	59.6	10.8	57.3	4.2
Wyoming	53.7	11.7	66.4	33.8	52.6	12.9	54.7	8.1
Total	49.1	2.9	58.6	3.1	62.2	2.6	56.6	1.7

Note: The estimated coverage rate exceeded 100 percent for non-Hispanic Black-only individuals and non-Hispanic individuals who did not self-identify as Black only or White only in Maine and Hispanic/Latino individuals in Alaska. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates. Coverage rate estimates for Puerto Rico and the other U.S. territories are included in the totals but are not shown separately. The MOE is a measure of the estimate's variability. The larger the MOE in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 95-percent confidence interval. MOEs for the Total row are for the 50 States and the District of Columbia. MOEs for a 95-percent confidence interval can be interpreted to mean there is a 95-percent chance that the true value—that is, the true coverage rate—falls within the estimated bounds determined by the MOE. For example, although the best estimate generated for this study was that New York's coverage rate for Hispanic/Latino was 59.6 percent in 2018, the true rate may have been higher or lower. The chances are 95 in 100 that the true coverage rate was within 3.7 percentage points higher or lower than 59.6 percent, or between 55.9 percent and 63.3 percent.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; MOE = margin of error

* indicates a statistically significant difference at the 95-percent confidence level between the coverage rate for a participant category's race/ethnicity and the national coverage rate for that category

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent or an unreliable coverage rate with the lower bound of a 95-percent confidence interval below 0 percent and the upper bound above 100 percent

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^a The "Non-Hispanic Black-Only" and "Non-Hispanic Other" categories were combined because of sample size concerns.

Sources: IPUMS-USA, n.d.; NBER, n.d.; Kline et al., 2020; unpublished internal WIC administrative data

Table B.11-2017. State-Level WIC Coverage Rates by Race and Ethnicity With Margins of Error for 95-Percent Confidence Intervals

State	Non-Hispanic White-Only		Non-Hispanic Black-Only and Other ^a		Hispanic/Latino		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
Alabama	49.9	4.9	60.5	5.0	85.2	17.7*	57.8	3.0
Alaska	32.6	8.3*	52.4	10.8	44.5	28.1	43.5	7.0*
Arizona	44.0	4.4	53.9	6.3	51.1	3.3*	49.9	2.4*
Arkansas	56.9	5.5*	49.0	5.9*	53.4	9.8*	53.8	3.7
California	40.8	3.2*	61.9	4.3*	72.4	3.3*	65.9	2.3*
Colorado	36.1	4.1*	43.0	7.2*	53.0	4.8*	44.8	2.9*
Connecticut	37.1	6.6*	55.7	11.1	62.7	7.9	53.0	5.0
Delaware	40.5	12.7	49.5	9.2	54.6	12.9	47.8	6.8*
District of Columbia	18.4	14.6*	47.0	7.3*	62.2	24.4	48.6	6.9*
Florida	45.2	3.4	59.6	3.9	60.6	3.3	55.7	2.1
Georgia	48.8	4.2	52.4	3.6*	49.5	4.1*	50.7	2.3*
Hawaii	43.5	17.7	49.1	6.9*	41.4	8.8*	46.8	6.1*
Idaho	44.1	5.6	55.6	23.1	52.0	9.4*	47.1	4.9*
Illinois	38.7	3.3*	44.1	3.6*	54.9	4.1*	45.7	2.2*
Indiana	49.6	4.1	59.3	6.2	66.7	9.6	54.4	3.0
Iowa	53.0	5.7*	53.6	8.7	78.6	17.0	56.9	4.5
Kansas	42.3	5.2*	44.2	8.3*	53.5	8.2*	46.0	3.6*
Kentucky	59.0	4.7*	44.4	6.3*	53.6	9.0*	55.3	3.5
Louisiana	48.9	6.2	51.7	3.8*	55.6	9.9	51.0	3.0*
Maine	60.5	9.5*	52.6	14.8	32.3	16.9*	57.3	7.5
Maryland	54.9	8.4	73.2	6.9*	75.6	8.4*	69.8	4.6*
Massachusetts	55.1	6.9*	57.0	8.2	69.4	6.6	60.9	4.7*
Michigan	53.5	4.0*	67.3	5.2*	69.3	8.3	59.7	3.0*
Minnesota	52.4	5.7	77.1	10.8*	81.6	15.7*	65.4	5.4*
Mississippi	57.8	7.4*	60.0	4.7	65.6	22.5	59.6	3.9*
Missouri	52.9	4.4*	49.1	5.2*	53.8	11.5	51.8	3.0*
Montana	37.7	6.8*	52.2	8.9	31.8	17.6*	40.6	5.2*
Nebraska	45.9	7.5	52.0	10.5	70.5	11.6	54.2	5.8
Nevada	57.6	9.2*	46.7	6.0*	53.4	5.3*	52.5	4.0

State	Non-Hispanic White-Only		Non-Hispanic Black-Only and Other ^a		Hispanic/Latino		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
New Hampshire	41.2	8.5	44.4	25.3	47.0	27.9	42.3	8.1*
New Jersey	42.2	4.6*	53.3	5.8	68.1	5.9	56.8	3.1
New Mexico	35.5	7.7*	36.5	8.5*	50.9	5.0	45.7	3.8*
New York	49.0	3.6	67.2	4.9*	61.3	4.1	59.1	2.3*
North Carolina	52.4	4.4*	53.9	4.0	65.9	5.4	56.4	2.6
North Dakota	44.1	11.7	78.7	18.9*	69.1	82.2	57.7	11.4
Ohio	49.1	3.5	58.7	4.4	46.0	6.6*	51.9	2.2*
Oklahoma	49.7	5.2	56.6	4.8	58.4	5.8	54.0	3.1
Oregon	58.5	6.4*	46.3	8.8*	63.3	6.6	58.4	4.2
Pennsylvania	47.7	3.7	59.3	5.7	62.5	8.2	53.9	2.9
Rhode Island	61.6	15.1	71.1	21.0	61.3	12.6	63.3	7.9*
South Carolina	43.0	4.3*	49.6	3.9*	47.6	7.9*	46.7	2.5*
South Dakota	40.6	7.8	78.5	20.4*	38.1	13.8*	53.0	6.8
Tennessee	48.3	3.5	45.4	3.9*	51.3	7.9*	47.8	2.3*
Texas	40.0	3.0*	53.5	3.9	63.1	2.8	57.1	1.9
Utah	37.5	4.2*	34.4	9.7*	57.0	9.2	42.8	3.7*
Vermont	58.2	11.4*	66.3	34.0	41.4	35.3	58.4	10.6
Virginia	42.6	4.3*	46.0	4.2*	53.5	6.8*	46.4	2.9*
Washington	44.3	4.1	55.5	6.8	72.1	6.5*	55.3	3.2
West Virginia	55.3	6.1*	53.4	21.8	75.6	46.6	55.6	5.3
Wisconsin	44.5	4.9	67.3	10.0*	64.9	11.3	55.0	4.2
Wyoming	43.7	12.2	47.7	23.3	67.6	25.0	48.4	10.7
Total	47.5	2.6	56.3	2.8	63.5	2.5	55.6	1.5

Note: The MOE is a measure of the estimate's variability. The larger the MOE in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 95-percent confidence interval. MOEs for the Total row are for the 50 States and the District of Columbia. MOEs for a 95-percent confidence interval can be interpreted to mean there is a 95-percent chance that the true value—that is, the true coverage rate—falls within the estimated bounds determined by the MOE. For example, although the best estimate generated for this study was that New York's coverage rate for Hispanic/Latino was 61.3 percent in 2017, the true rate may have been higher or lower. The chances are 95 in 100 that the true coverage rate was within 4.1 percentage points higher or lower than 61.3 percent, or between 57.2 percent and 65.4 percent. Coverage rate estimates for Puerto Rico and the other U.S. territories are included in the totals but are not shown separately.

MOE = margin of error

* indicates a statistically significant difference at the 95-percent confidence level between the coverage rate for a participant category's race/ethnicity and the national coverage rate for that category

^a The "Non-Hispanic Black-Only" and "Non-Hispanic Other" categories were combined because of sample size concerns.

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020; Thorn et al., 2018; unpublished internal WIC administrative data

Table B.11-2016. State-Level WIC Coverage Rates by Race and Ethnicity With Margins of Error for 95-Percent Confidence Intervals

State	Non-Hispanic White-Only		Non-Hispanic Black-Only and Other ^a		Hispanic/Latino		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
Alabama	55.2	5.2*	62.8	5.9	71.1	16.0	60.4	3.9
Alaska	37.1	12.2	60.6	10.9	37.0	18.9*	48.1	7.2*
Arizona	45.2	4.1	65.4	7.7	55.2	3.7*	54.3	2.7*
Arkansas	51.7	4.5*	50.4	5.1*	64.6	10.0	53.1	3.3*
California	39.3	2.9*	63.7	4.6	80.7	3.6*	70.8	2.5*
Colorado	38.2	4.0*	42.4	6.5*	57.4	5.4*	47.3	3.1*
Connecticut	37.3	6.4*	51.1	9.6	65.4	8.1	52.8	4.2*
Delaware	47.9	17.0	57.5	12.6	65.3	19.6	56.3	9.0
District of Columbia	34.9	35.8	53.6	8.0	73.9	31.8	56.9	7.7
Florida	43.2	2.9*	62.3	4.3	68.0	3.6	58.0	2.2
Georgia	44.9	3.6	54.0	3.8*	59.1	5.1*	51.9	2.4*
Hawaii	48.1	15.0	68.3	9.6*	39.3	7.6*	57.7	5.6
Idaho	43.0	4.8*	59.2	23.6	57.6	10.3*	47.9	4.0*
Illinois	42.9	3.2*	47.9	3.9*	55.2	3.8*	48.7	2.2*
Indiana	51.8	4.3*	60.9	6.6	65.6	6.9	56.1	3.1
Iowa	45.3	5.8	62.0	12.8	65.8	16.1	51.5	5.0*
Kansas	50.1	5.9	54.9	10.8	69.8	8.0	56.6	4.6
Kentucky	59.8	4.4*	54.0	7.0	51.7	11.8*	57.9	3.6
Louisiana	50.6	5.3	58.0	4.5	60.9	9.7*	55.5	2.9*
Maine	57.0	10.9	61.4	21.2	82.1	79.5	58.3	9.9
Maryland	53.0	7.2	76.4	8.1*	87.1	10.4*	73.4	5.4*
Massachusetts	48.0	5.3	58.0	7.0	76.2	7.0	60.0	3.7
Michigan	55.3	3.9*	66.9	5.6*	70.4	8.2	60.9	2.8
Minnesota	49.7	4.8	81.4	10.6*	91.4	19.8*	65.9	4.6*
Mississippi	53.3	6.0*	55.0	4.2*	81.3	18.8	55.6	3.1*
Missouri	54.3	4.2*	57.7	7.0	59.3	9.3*	55.7	3.5
Montana	35.0	5.4*	68.7	15.1	47.8	28.0	42.0	5.4*
Nebraska	39.5	5.4*	78.2	19.9*	86.5	15.5*	57.3	5.8
Nevada	61.6	13.2*	50.5	7.0*	63.3	6.4*	59.4	4.9
New Hampshire	48.5	9.7	44.9	23.1	100.0	78.8	52.1	9.0

State	Non-Hispanic White-Only		Non-Hispanic Black-Only and Other ^a		Hispanic/Latino		Total	
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
New Jersey	39.8	3.8*	55.0	5.9	71.9	5.5	57.7	3.3
New Mexico	36.6	8.2*	43.6	5.7*	52.3	4.1*	48.2	3.2*
New York	46.7	3.3	68.8	5.1*	67.7	4.3	60.7	2.4
North Carolina	50.2	3.8	55.9	4.1	76.2	5.8*	58.3	2.6
North Dakota	41.6	14.8	83.8	23.2*	54.6	41.7	55.5	13.8
Ohio	51.9	3.5*	61.0	4.9	58.6	8.2*	55.5	2.6*
Oklahoma	53.4	5.5*	62.5	6.2	69.3	8.3	60.0	3.5
Oregon	57.6	5.7*	53.8	9.8	71.0	6.5	61.3	4.1
Pennsylvania	47.3	3.3	66.5	6.7*	67.4	6.7	56.1	2.7
Rhode Island	56.6	16.4	62.7	17.7	80.1	17.1	67.3	10.0
South Carolina	43.4	4.2*	53.4	4.5*	59.6	8.4*	49.9	2.5*
South Dakota	42.8	9.6	74.0	13.7*	41.2	18.0*	53.9	8.8
Tennessee	47.1	3.5	43.0	3.9*	57.5	6.9*	47.0	2.4*
Texas	39.5	2.6*	55.2	4.0*	70.9	3.3	61.7	2.2*
Utah	36.3	4.4*	38.2	9.4*	60.7	9.5*	43.2	4.0*
Vermont	59.6	13.6	100.0	72.4	25.0	28.1*	61.1	13.5
Virginia	46.1	4.6	51.1	4.8*	64.3	7.3	51.9	3.2*
Washington	46.8	3.9	69.9	7.5*	73.8	5.1	59.9	3.2
West Virginia	57.4	5.7*	42.4	12.3*	52.6	30.2	55.1	5.2
Wisconsin	41.4	3.9*	63.4	8.5	69.7	10.8	52.9	3.5*
Wyoming	55.4	15.2	46.9	32.6	88.5	53.9	59.6	14.2
Total	47.3	2.2	59.5	3.3	70.4	2.9	58.5	1.8

Note: The estimated coverage rate exceeded 100 percent for non-Hispanic Black-only individuals and non-Hispanic individuals who did not self-identify as Black only or White only in Vermont and Hispanic/Latino individuals in New Hampshire. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates. Coverage rate estimates for Puerto Rico and the other U.S. territories are included in the totals but are not shown separately. The MOE is a measure of the estimate's variability. The larger the MOE in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 95-percent confidence interval. MOEs for the Total row are for the 50 States and the District of Columbia. MOEs for a 95-percent confidence interval can be interpreted to mean there is a 95-percent chance that the true value—that is, the true coverage rate—falls within the estimated bounds determined by the MOE. For example, although the best estimate generated for this study was that New York's coverage rate for Hispanic/Latino was 67.7 percent in 2016, the true rate may have been higher or lower. The chances are 95 in 100 that the true coverage rate was within 4.3 percentage points higher or lower than 67.7 percent, or between 63.4 percent and 72.0 percent.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; MOE = margin of error

* indicates a statistically significant difference at the 95-percent confidence level between the coverage rate for a participant category's race/ethnicity and the national coverage rate for that category

^a The "Non-Hispanic Black-Only" and "Non-Hispanic Other" categories were combined because of sample size concerns.

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a; Thorn et al., 2018; unpublished internal WIC administrative data

Appendix C. Coverage Rate Maps: CY 2016–CY 2018

This appendix provides maps of WIC coverage rates at the regional and State levels in 2016, 2017, and 2018. Because of changes to the underlying data used to produce estimates of WIC eligibility, the 2016 and 2017 estimates were updated for the 2018 report (see chapter 2 in volume I for more information).

Coverage rates are the percentages of women, infants, and children eligible for WIC who receive WIC benefits. This appendix includes maps that show coverage rates for all eligible individuals and for each of the four participant categories—infants, children, pregnant women, and postpartum women. This appendix also includes maps that show State-level coverage rates for three race and ethnicity categories: non-Hispanic White-only, non-Hispanic Black-only and non-Hispanic other, and Hispanic/Latino. A list of the maps by number and participant or race and ethnicity category follows. Each figure displays 3 years (2016, 2017, and 2018) of estimates.

FNS Regional-Level Coverage Rates

- ▶ C.1. Total
- ▶ C.2. Infants
- ▶ C.3. Children
- ▶ C.4. Pregnant women
- ▶ C.5. Postpartum women

Estimates for Puerto Rico and other U.S. territories are included in the national totals but are not shown separately because of small sample sizes. Estimates for Puerto Rico are displayed in figure C.1 only.

State-Level Coverage Rates by Participant Category

- ▶ C.6. Total
- ▶ C.7. Infants
- ▶ C.8. Children
- ▶ C.9. Pregnant women
- ▶ C.10. Postpartum women

Estimates for Puerto Rico and other U.S. territories are included in the national totals but are not shown separately because of small sample sizes.

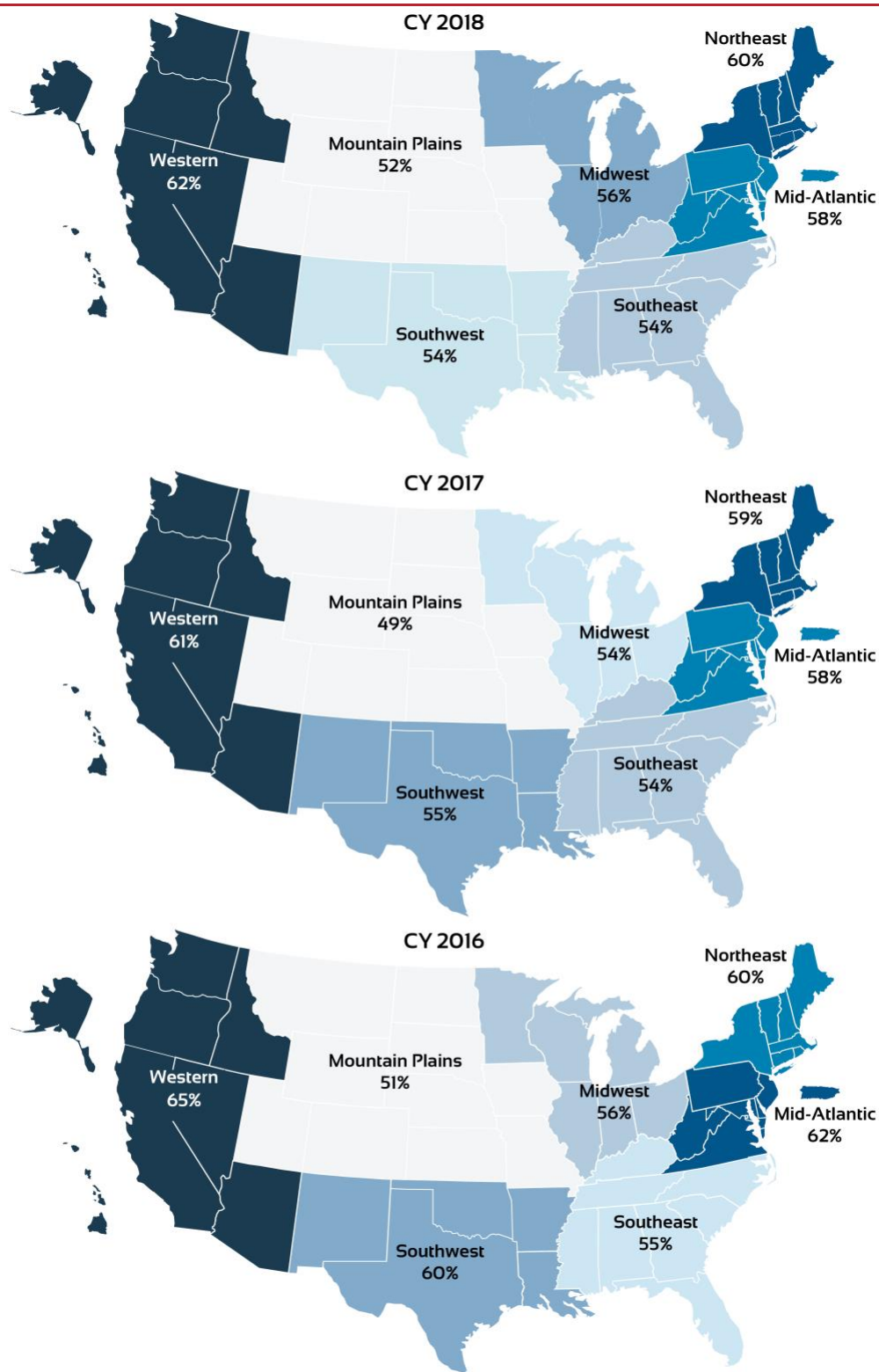
State-Level Coverage Rates by Race and Ethnicity

- ▶ C.11. Non-Hispanic White-only
- ▶ C.12. Non-Hispanic Black-only and non-Hispanic other
- ▶ C.13. Hispanic/Latino

Estimates for U.S. territories other than Puerto Rico are not included in national totals because the International Data Base data did not include information on race and ethnicity. Estimates for Puerto Rico are included in the national totals but are not shown separately because of small sample sizes.

Figure C.1. WIC Coverage Rate for Total Eligible Individuals by FNS Region

National Rate for All Eligible Individuals: 56.9 Percent in CY 2018 | 56.0 Percent in CY 2017 | 58.9 Percent in CY 2016

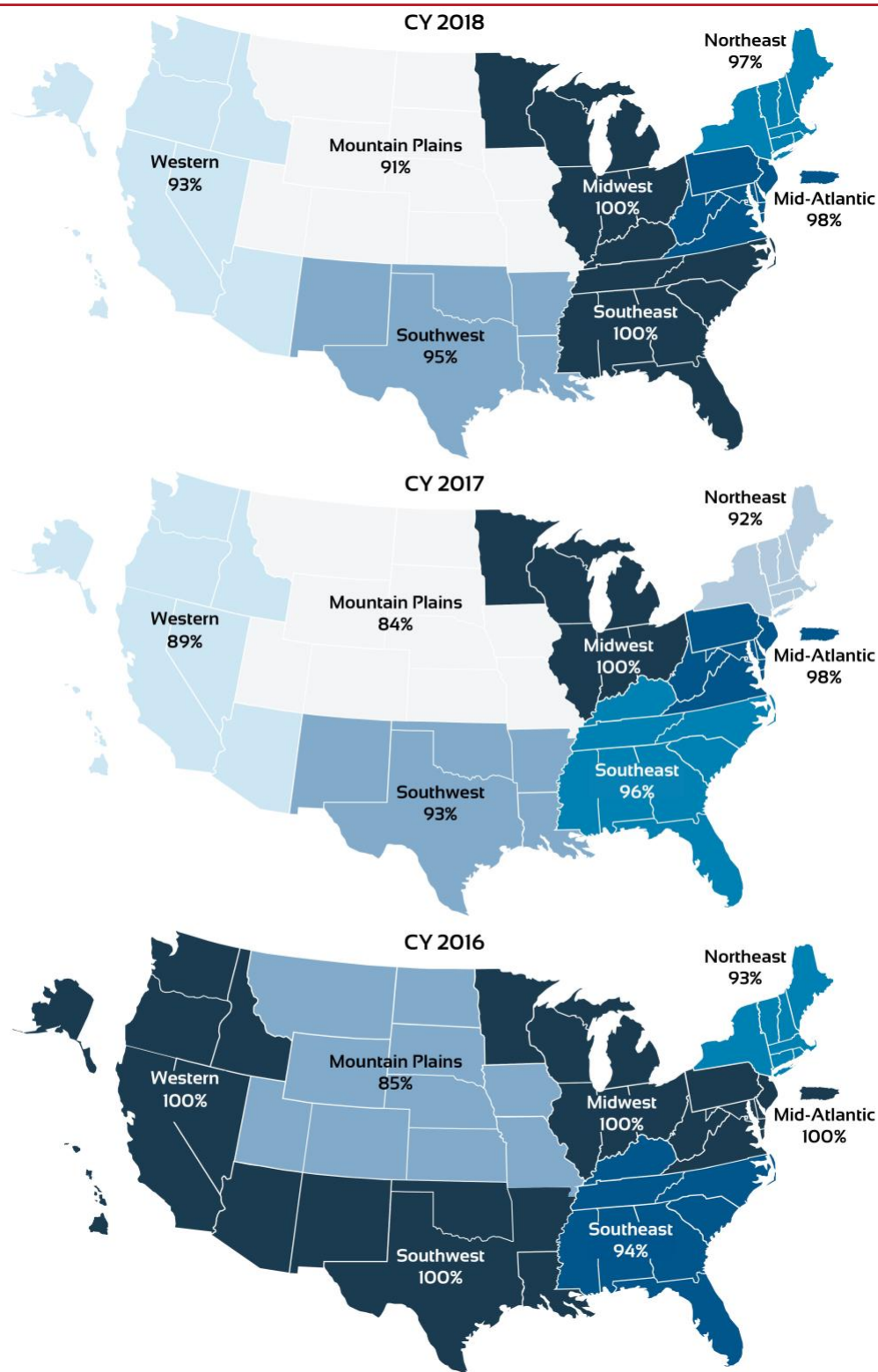


CY = calendar year; FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020; unpublished internal WIC administrative data

Figure C.2. WIC Coverage Rate for Infants by FNS Region

National Rate for Infants: 97.8 Percent in CY 2018 | 93.9 Percent in CY 2017 | 98.0 Percent in CY 2016



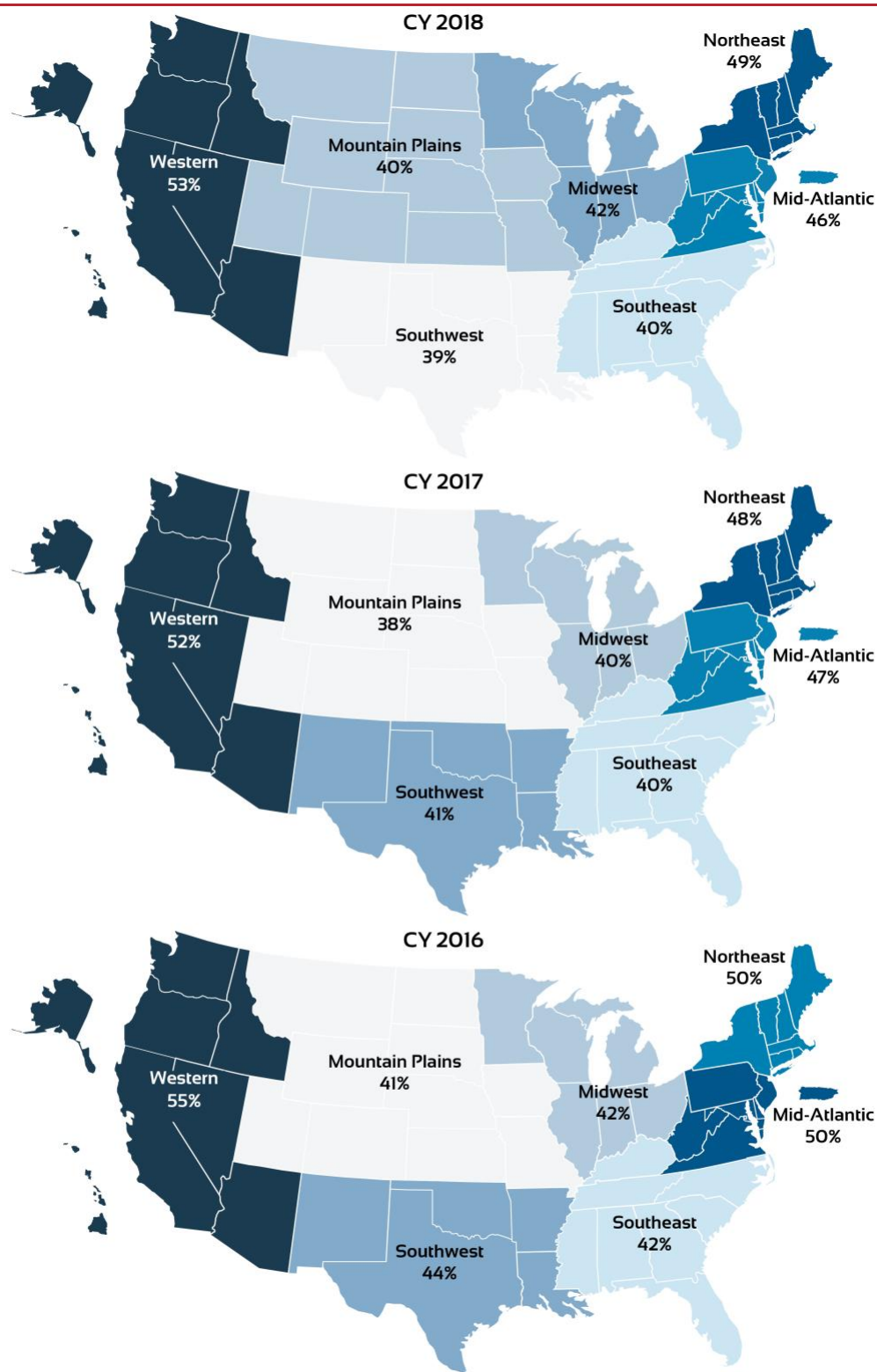
Note: The estimated coverage rate exceeded 100 percent for infants in Mid-Atlantic, Midwest, Southwest, and Western regions in 2016; in Midwest region in 2017; and in Midwest and Southeast regions in 2018. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; CY = calendar year; FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020; unpublished internal WIC administrative data

Figure C.3. WIC Coverage Rate for Children by FNS Region

National Rate for Children: 44.2 Percent in CY 2018 | 44.0 Percent in CY 2017 | 46.4 Percent in CY 2016

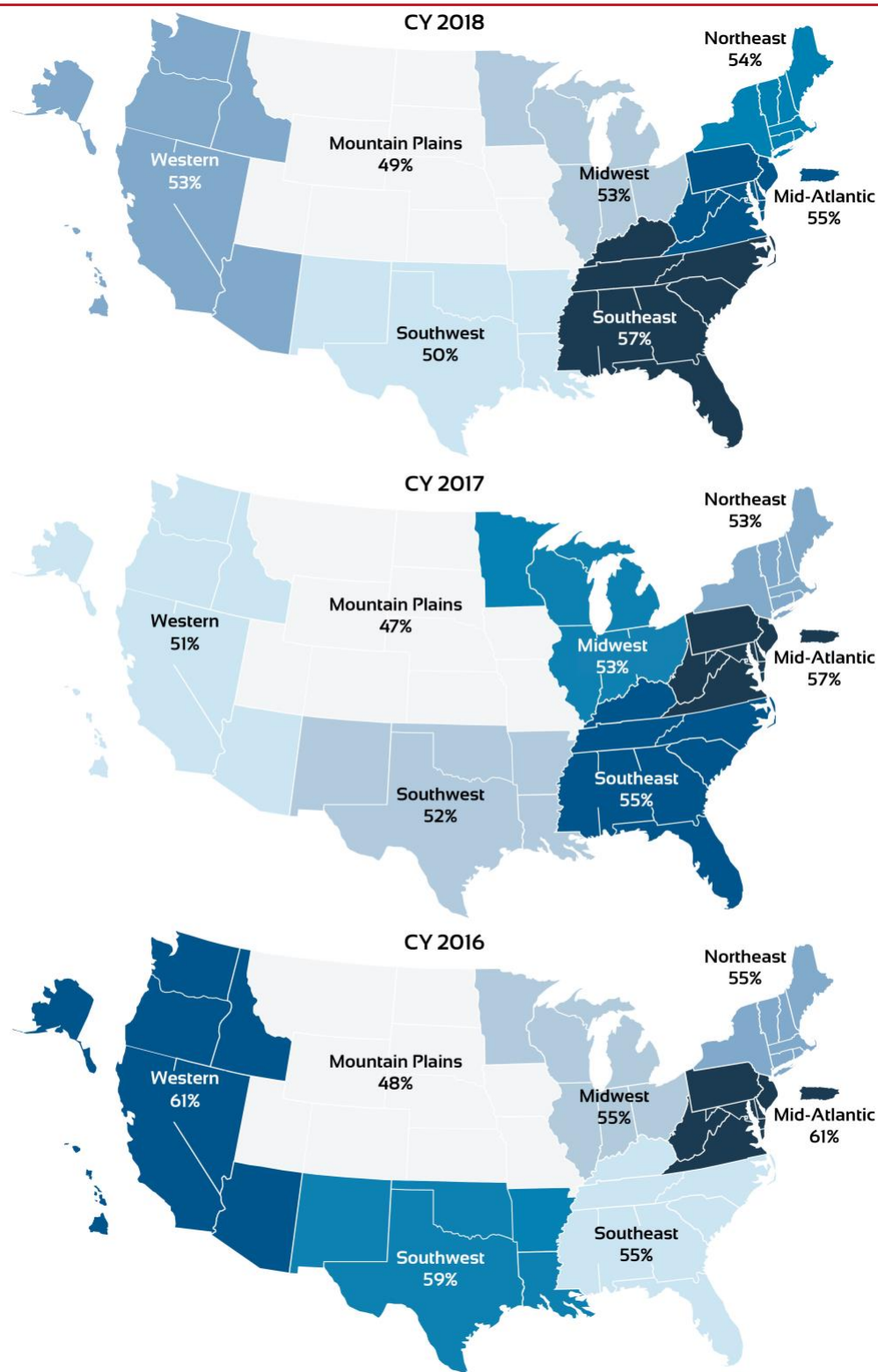


CY = calendar year; FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020; unpublished internal WIC administrative data

Figure C.4. WIC Coverage Rate for Pregnant Women by FNS Region

National Rate for Pregnant Women: 53.3 Percent in CY 2018 | 53.0 Percent in CY 2017 | 56.8 Percent in CY 2016

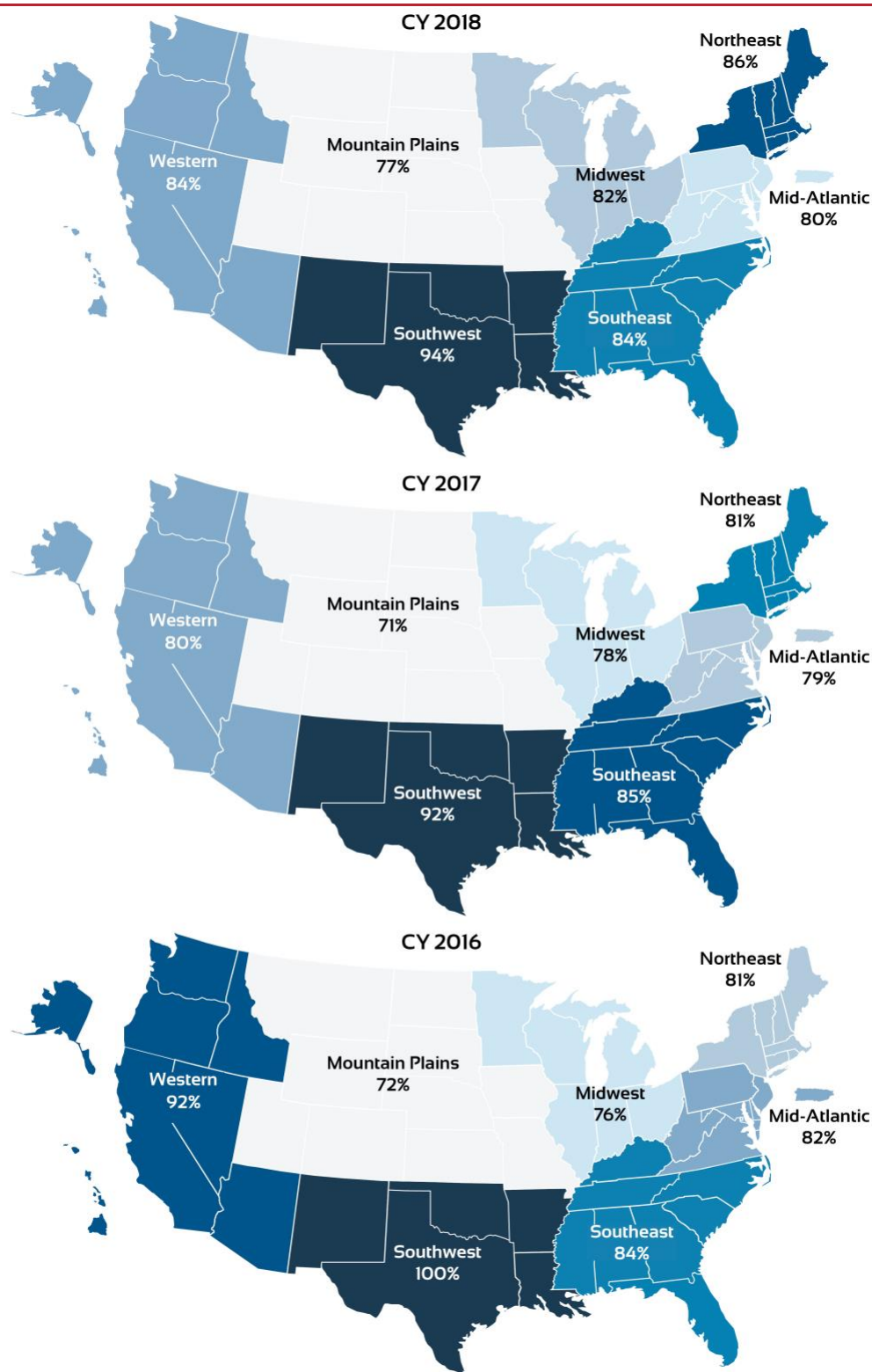


CY = calendar year; FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020; unpublished internal WIC administrative data

Figure C.5. WIC Coverage Rate for Postpartum Women by FNS Region

National Rate for Postpartum Women: 84.4 Percent in CY 2018 | 82.1 Percent in CY 2017 | 85.6 Percent in CY 2016

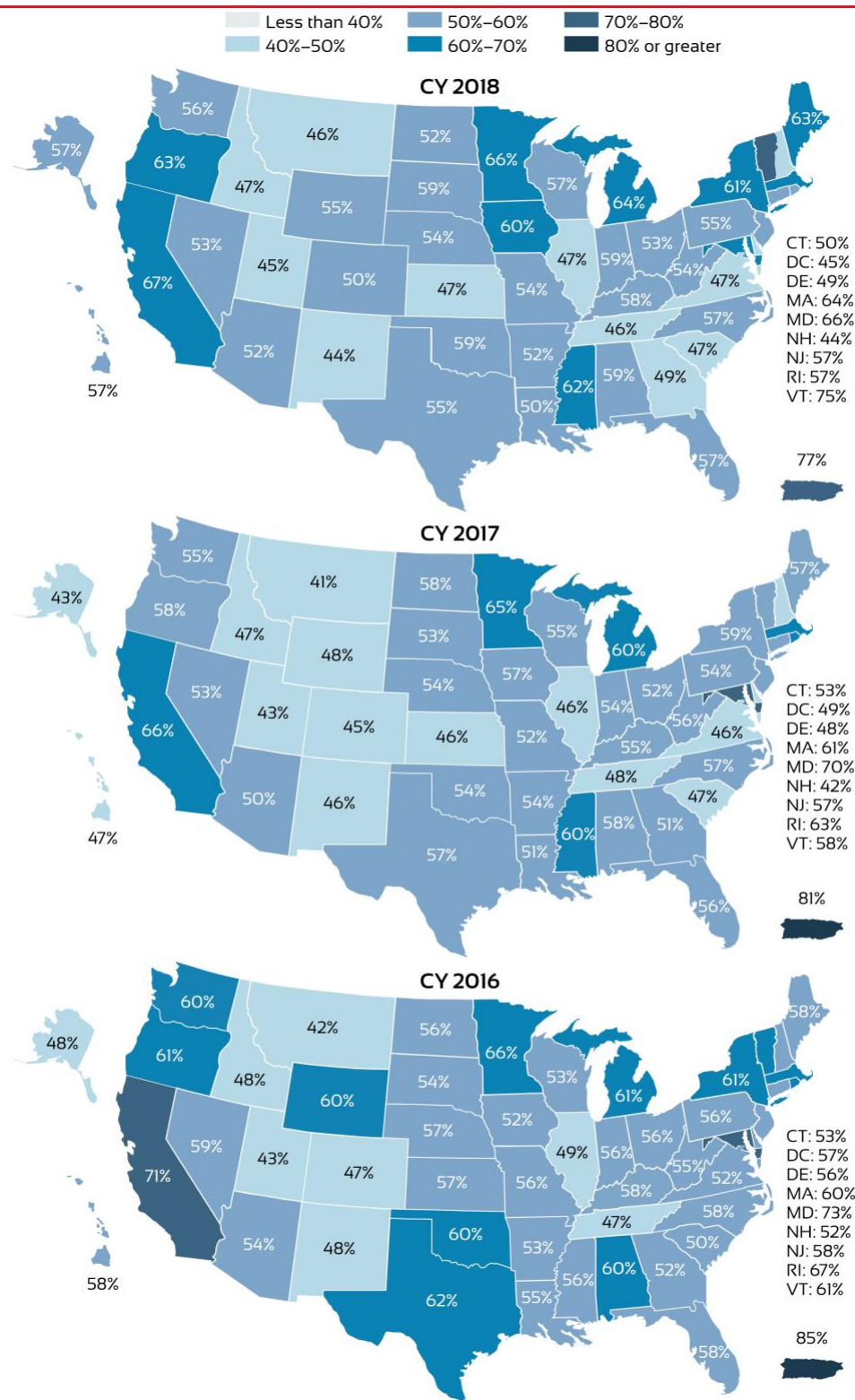


CY = calendar year; FNS = Food and Nutrition Service

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020; unpublished internal WIC administrative data

Figure C.6. WIC Coverage Rate for Total Eligible Individuals by State

National Rate for All Eligible Individuals: 56.9 Percent in CY 2018 | 56.0 Percent in CY 2017 | 58.9 Percent in CY 2016

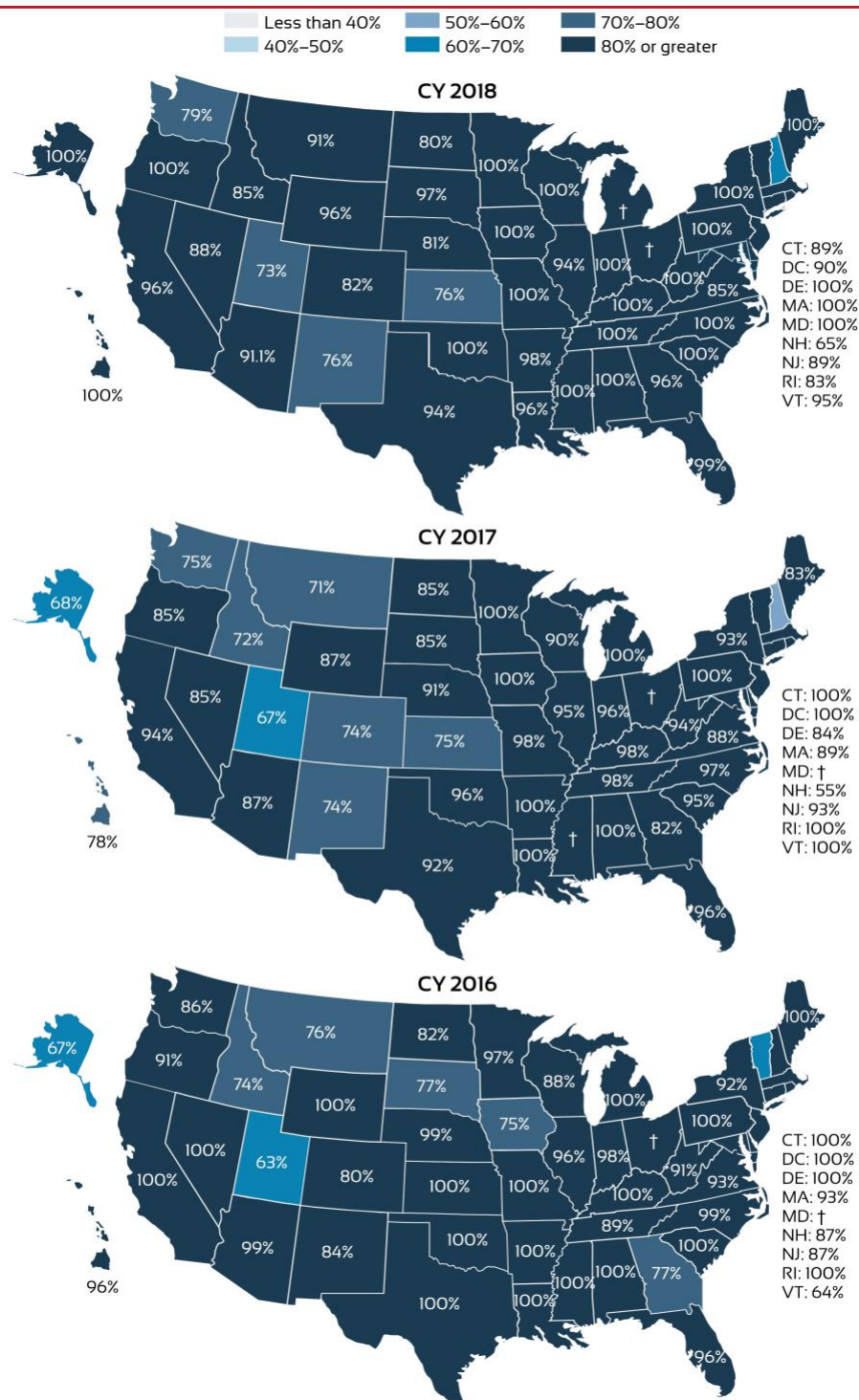


CY = calendar year

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020; unpublished internal WIC administrative data

Figure C.7. WIC Coverage Rate for Infants by State

National Rate for Infants: 97.8 Percent in CY 2018 | 93.9 Percent in CY 2017 | 98.0 Percent in CY 2016



Note: The estimated coverage rate exceeded 100 percent for infants in Alabama, Arkansas, California, Connecticut, Delaware, District of Columbia, Kansas, Kentucky, Louisiana, Maine, Michigan, Mississippi, Missouri, Nevada, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Texas, and Wyoming in 2016; in Alabama, Arkansas, Connecticut, District of Columbia, Iowa, Louisiana, Michigan, Minnesota, Pennsylvania, Rhode Island, and Vermont in 2017; and in Alabama, Alaska, Delaware, Hawaii, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, North Carolina, Oklahoma, Oregon, Pennsylvania, South Carolina, Tennessee, and West Virginia in 2018. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates.

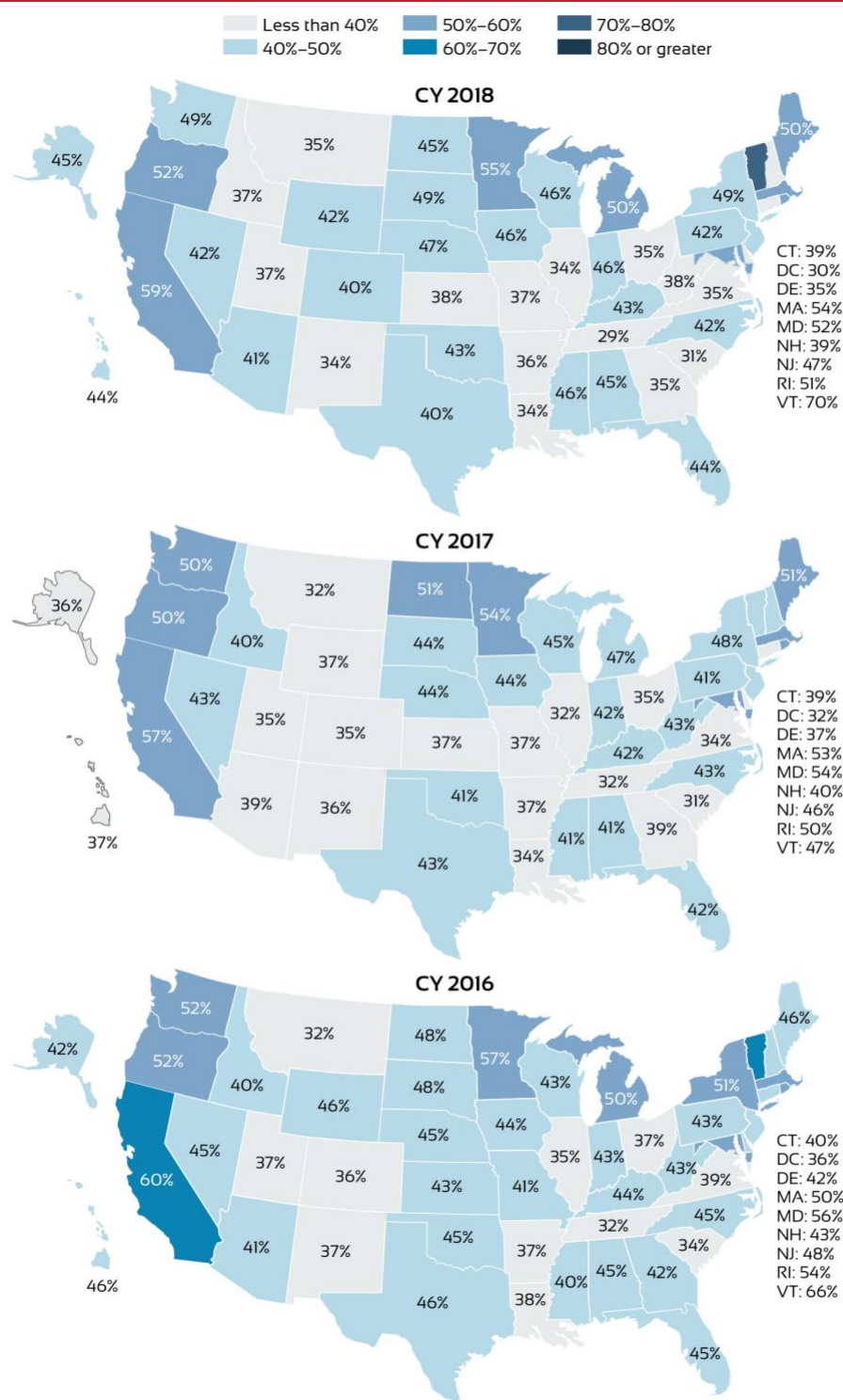
CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; CY = calendar year

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020; unpublished internal WIC administrative data

Figure C.8. WIC Coverage Rate for Children by State

National Rate for Children: 44.2 Percent in CY 2018 | 44.0 Percent in CY 2017 | 46.4 Percent in CY 2016



CY = calendar year

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020; unpublished internal WIC administrative data

National Rate for Pregnant Women: 53.3 Percent in CY 2018 | 53.0 Percent in CY 2017 | 56.8 Percent in CY 2016

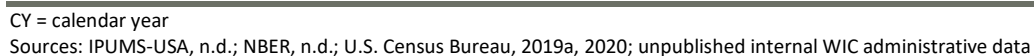
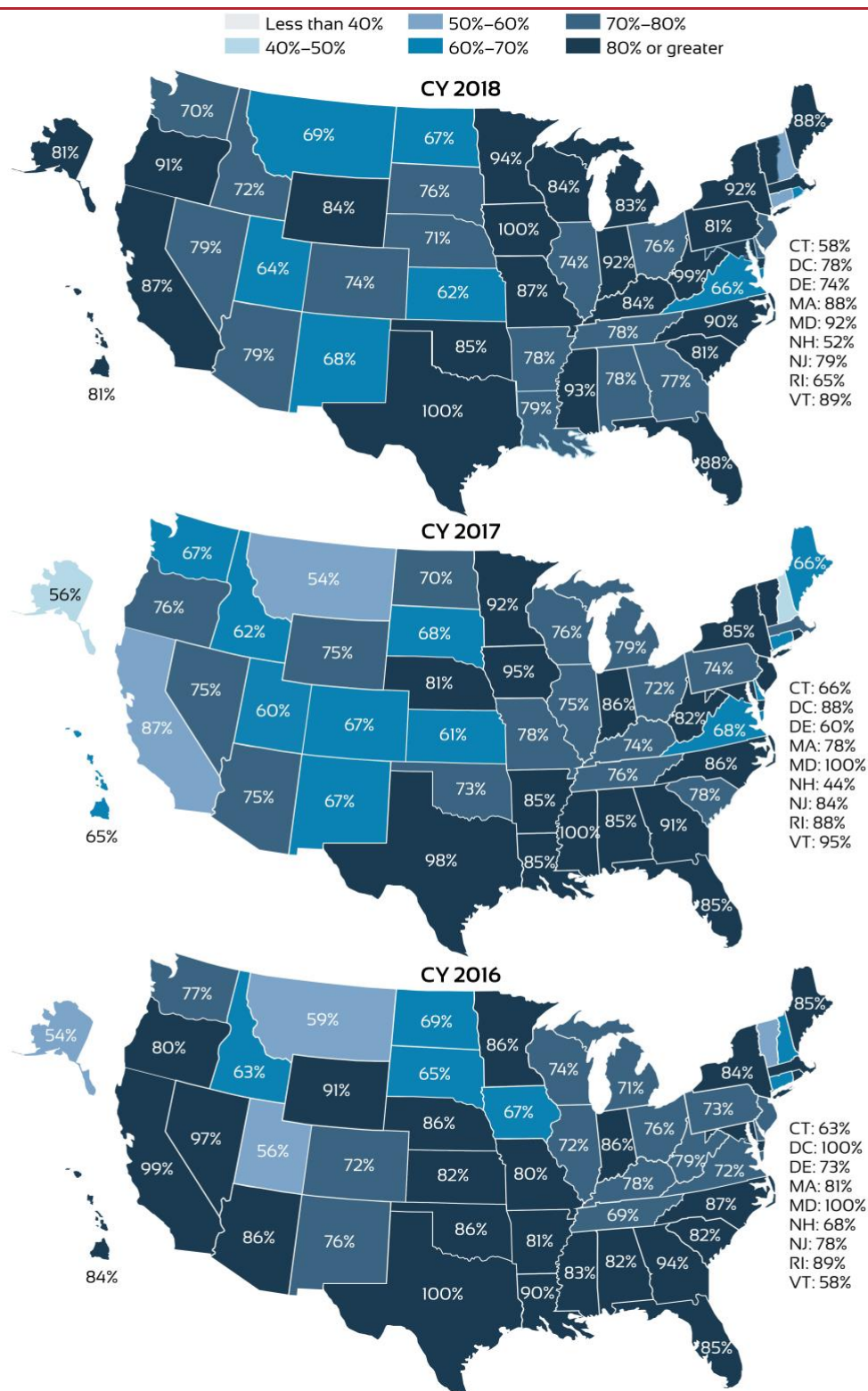


Figure C.10. WIC Coverage Rate for Postpartum Women by State

National Rate for Postpartum Women: 84.4 Percent in CY 2018 | 82.1 Percent in CY 2017 | 85.6 Percent in CY 2016



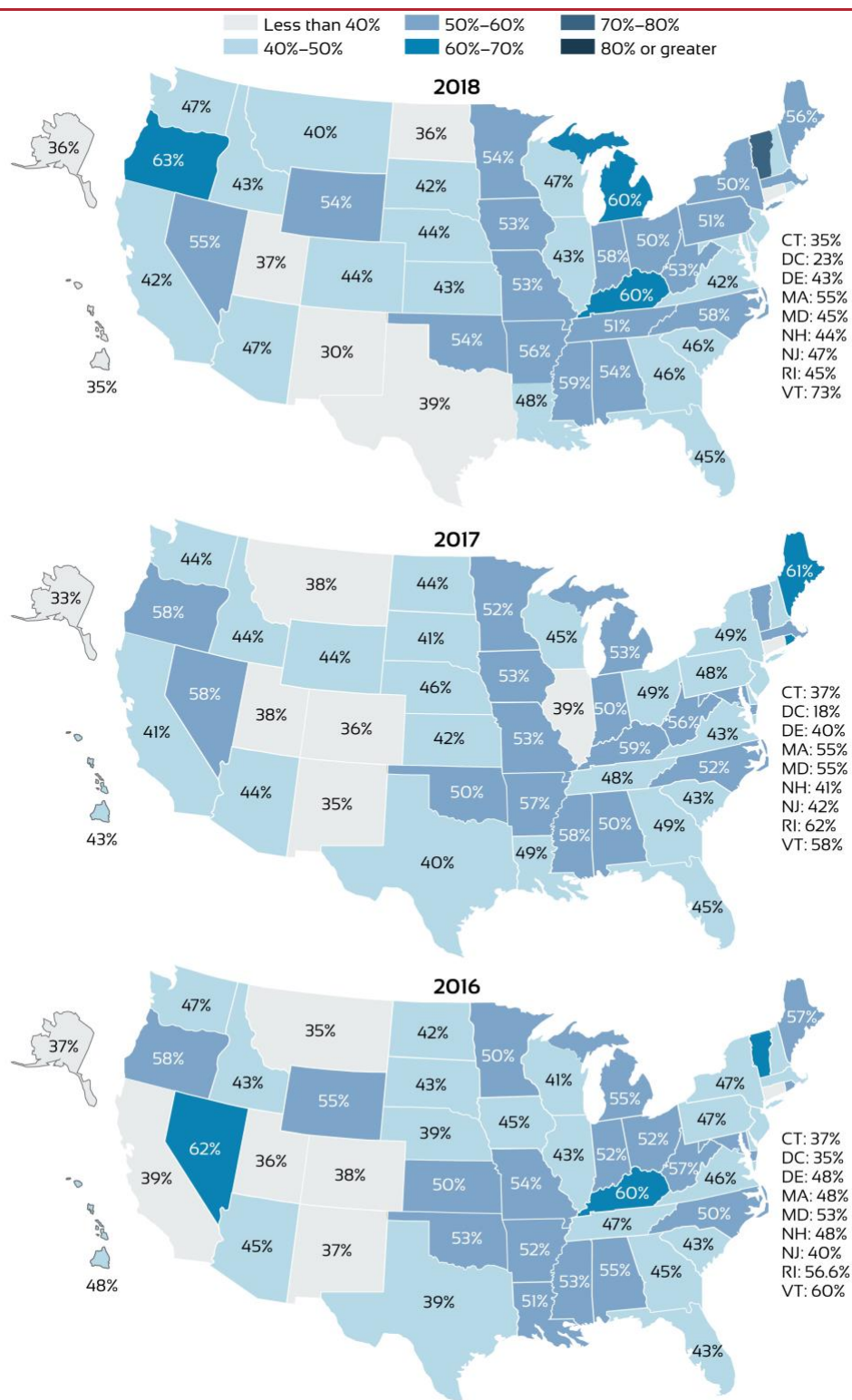
Note: The estimated coverage rate exceeded 100 percent for postpartum women in the District of Columbia, Maryland, and Texas in 2016; in Maryland and Mississippi in 2017; and in Iowa and Texas in 2018. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; CY = calendar year

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020; unpublished internal WIC administrative data

Figure C.11. WIC Coverage Rate for Non-Hispanic White-Only Individuals by State

National Rate for Non-Hispanic White-Only Individuals: 49.1 Percent in CY 2018 | 47.5 Percent in CY 2017 | 47.3 Percent in CY 2016

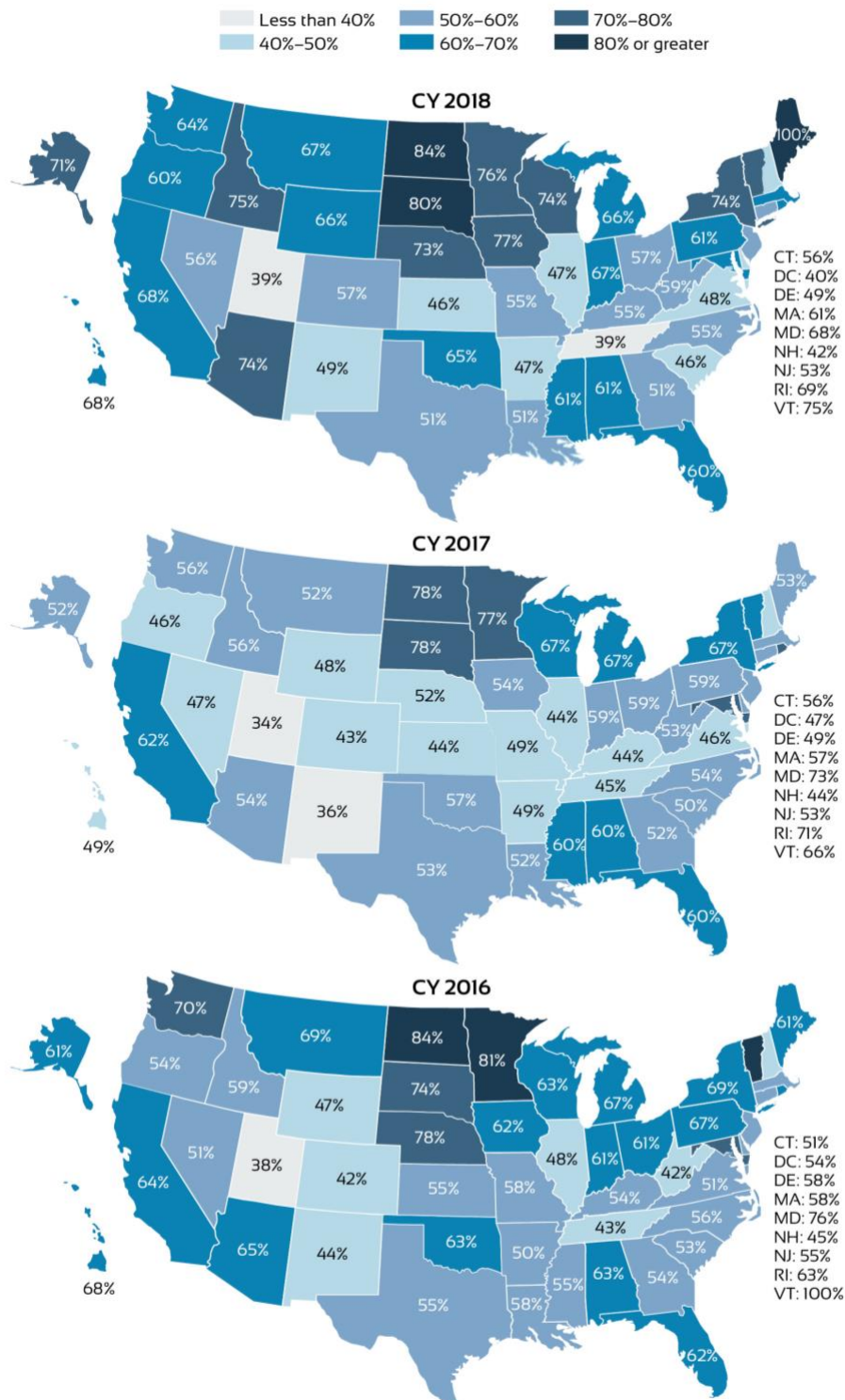


CY = calendar year

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020; Thorn et al., 2018; Kline et al., 2020; unpublished internal WIC administrative data

Figure C.12. WIC Coverage Rate for Non-Hispanic Black-Only Individuals and Non-Hispanic Individuals Who Did Not Self-Identify as Black Only or White Only by State

National Rate: 58.6 Percent in CY 2018 | 56.3 Percent in CY 2017 | 59.5 Percent in CY 2016



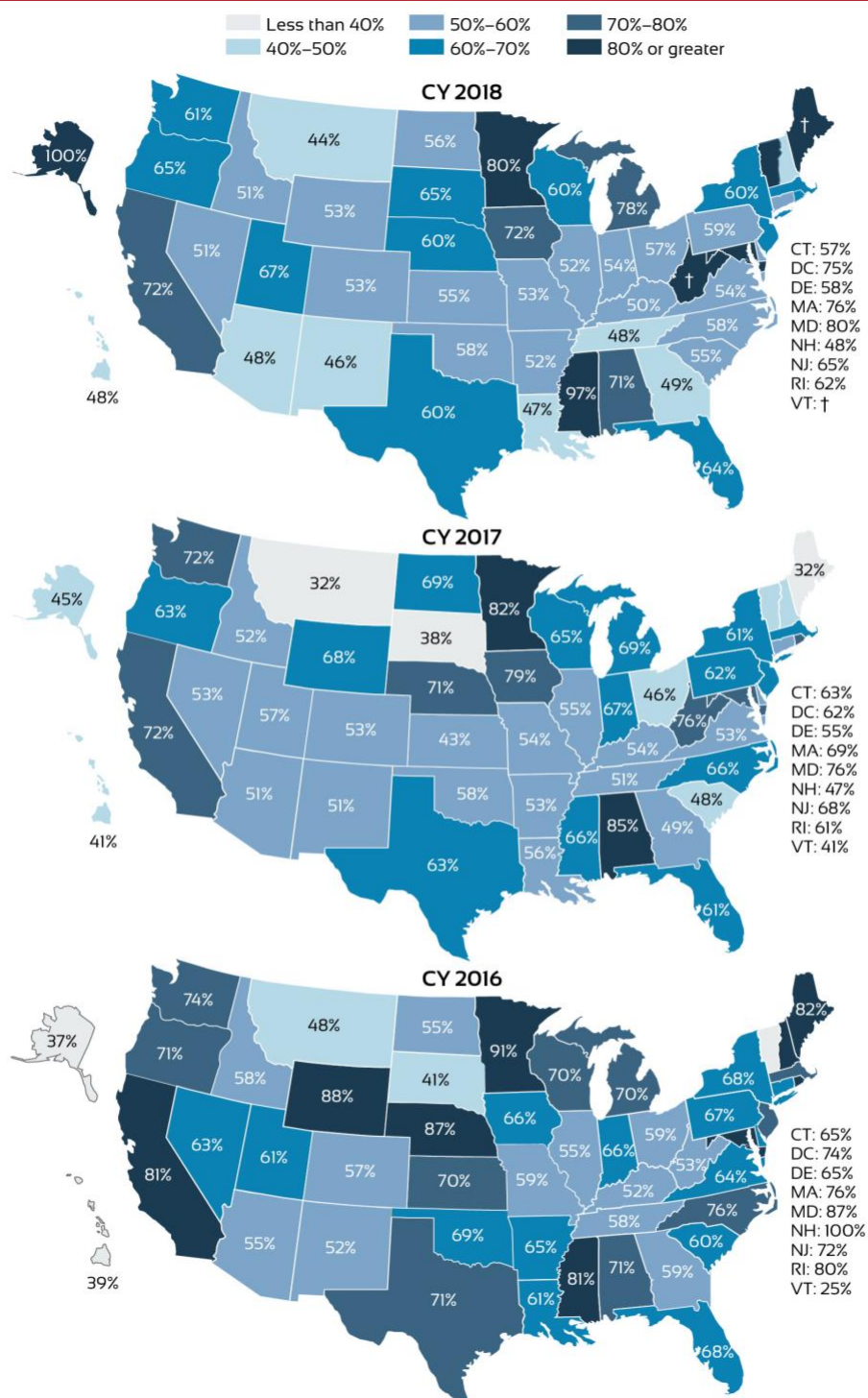
Note: The estimated coverage rate exceeded 100 percent for non-Hispanic Black-only individuals and non-Hispanic individuals who did not self-identify as Black only or White only in Vermont in 2016 and in Maine in 2018. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; CY = calendar year

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020; Thorn et al., 2018; Kline et al., 2020; unpublished internal WIC administrative data

Figure C.13. WIC Coverage Rate for Hispanic/Latino Individuals by State

National Rate for Hispanic/Latino Individuals: 62.7 Percent in CY 2018 | 64.1 Percent in CY 2017 | 71.0 Percent in CY 2016



Note: The estimated coverage rate exceeded 100 percent for Hispanic/Latino in New Hampshire in 2016 and in Alaska in 2018. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; CY = calendar year

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent or an unreliable coverage rate with the lower bound of a 95-percent confidence interval below 0 percent and the upper bound above 100 percent

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020; Thorn et al., 2018; Kline et al., 2020; unpublished internal WIC administrative data

Appendix D. Method for Calculating the Annual-to-Monthly Adjustment Factors Applied to Children for CY 2016–CY 2018

The Healthy, Hunger-Free Kids Act of 2010 (Pub. L. 111–296) gave States the option of adopting a 12-month certification period for children eligible for WIC rather than recertifying children every 6 months. Whether and when a State has adopted this option affects WIC eligibility for children. This consideration was accounted for in the 2016, 2017, and 2018 estimates presented in this report and in the estimates for prior years when the policy was in effect.

Procedures for the CY 2016–CY 2018 Estimates

To incorporate the impact of 12-month certification on children’s WIC eligibility, State-specific annual-to-monthly factors were created—which varied by whether and when the State had adopted the 12-month certification option—and then a type of weighted average was created across the State-level estimates. Separate factors were created for race and ethnicity, both for each State and for the 50 States and the District of Columbia: one for non-Hispanic White-only children and one for children who were either non-White or Hispanic/Latino.

For States with a 6-month certification length, annual-to-monthly adjustment factors were 1.0682 for non-Hispanic White-only children and 1.0159 for children who were either non-White or Hispanic/Latino. In contrast, for States with a 12-month certification, the annual-to-monthly factors were 1.1200 for non-Hispanic White-only children and 1.0338 for children who were either non-White or Hispanic/Latino. However, depending on when a State adopted the longer certification period, a prorated adjustment factor was calculated. The State-specific factors used for the 2016–2018 estimates are shown in table D.2.

Implementation of the 12-month certification option affected eligibility in a nonretroactive manner. When a State adopts the longer certification period, the certification period shifts from 6 months to 12 months only for those children who first became eligible after the extension’s adoption. Twelve-month certification affected WIC eligibility in a calendar year only if it was adopted before July of that year. If the policy was adopted after that date, any child covered by the new policy would have been certified eligible for the remainder of the year regardless of whether 6-month or 12-month certification was in place at the time he/she became eligible.

The fact that the new policy is not applied retroactively also means that even if the policy was adopted before July of the estimate year, not all months of the year may have been affected by the longer certification period. Eligibility in all months of the year would have been affected only if the policy was adopted by February of the prior year. Although adoption of the policy as late as July of the prior year would increase eligibility in each month of the following year (versus what eligibility would be if certification was only for 6 months), the increase would not be as great as if 12-month certification had been in place in February of the prior year.

Therefore, if a State adopted 12-month certification in February of the prior year or earlier, adjustment factors assuming 12-month certification length for all States were used (1.1200 for non-Hispanic White-only children, 1.0338 for children who were either non-White or Hispanic/Latino). If a State did not adopt 12-month certification before July of the estimate year, adjustment factors assuming 6-month certification length for all States were used (1.0682 for non-Hispanic White-only children, 1.0159 for children who were either non-White or Hispanic/Latino). Any State that adopted 12-month certification between March of the prior year and June of the estimate year used adjustment factors that varied linearly between the 12- and 6-month bounds as described in table D.1.

Table D.1. Annual-to-Monthly Adjustment Factors Based on Month of Adoption of 12-Month Certification

Implementation Month		2016 Estimates		2017 Estimates		2018 Estimates	
		Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other
2015	February or earlier	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
	March	1.1169	1.0328	1.1200	1.0338	1.1200	1.0338
	April	1.1139	1.0317	1.1200	1.0338	1.1200	1.0338
	May	1.1108	1.0307	1.1200	1.0338	1.1200	1.0338
	June	1.1078	1.0296	1.1200	1.0338	1.1200	1.0338
	July	1.1047	1.0285	1.1200	1.0338	1.1200	1.0338
	August	1.1017	1.0275	1.1200	1.0338	1.1200	1.0338
	September	1.0987	1.0264	1.1200	1.0338	1.1200	1.0338
	October	1.0956	1.0254	1.1200	1.0338	1.1200	1.0338
	November	1.0926	1.0243	1.1200	1.0338	1.1200	1.0338
	December	1.0895	1.0233	1.1200	1.0338	1.1200	1.0338
2016	January	1.0865	1.0222	1.1200	1.0338	1.1200	1.0338
	February	1.0834	1.0212	1.1200	1.0338	1.1200	1.0338
	March	1.0804	1.0201	1.1169	1.0328	1.1200	1.0338
	April	1.0773	1.0191	1.1139	1.0317	1.1200	1.0338
	May	1.0743	1.0180	1.1108	1.0307	1.1200	1.0338
	June	1.0713	1.0169	1.1078	1.0296	1.1200	1.0338
	July	1.0682	1.0159	1.1047	1.0285	1.1200	1.0338
	August	1.0682	1.0159	1.1017	1.0275	1.1200	1.0338
	September	1.0682	1.0159	1.0987	1.0264	1.1200	1.0338
	October	1.0682	1.0159	1.0956	1.0254	1.1200	1.0338
	November	1.0682	1.0159	1.0926	1.0243	1.1200	1.0338
	December	1.0682	1.0159	1.0895	1.0233	1.1200	1.0338
2017	January	1.0682	1.0159	1.0865	1.0222	1.1200	1.0338
	February	1.0682	1.0159	1.0834	1.0212	1.1200	1.0338
	March	1.0682	1.0159	1.0804	1.0201	1.1169	1.0328
	April	1.0682	1.0159	1.0773	1.0191	1.1139	1.0317
	May	1.0682	1.0159	1.0743	1.0180	1.1108	1.0307
	June	1.0682	1.0159	1.0713	1.0169	1.1078	1.0296
	July	1.0682	1.0159	1.0682	1.0159	1.1047	1.0285
	August	1.0682	1.0159	1.0682	1.0159	1.1017	1.0275
	September	1.0682	1.0159	1.0682	1.0159	1.0987	1.0264
	October	1.0682	1.0159	1.0682	1.0159	1.0956	1.0254
	November	1.0682	1.0159	1.0682	1.0159	1.0926	1.0243
	December	1.0682	1.0159	1.0682	1.0159	1.0895	1.0233
2018	January	1.0682	1.0159	1.0682	1.0159	1.0865	1.0222
	February	1.0682	1.0159	1.0682	1.0159	1.0834	1.0212
	March	1.0682	1.0159	1.0682	1.0159	1.0804	1.0201
	April	1.0682	1.0159	1.0682	1.0159	1.0773	1.0191
	May	1.0682	1.0159	1.0682	1.0159	1.0743	1.0180
	June	1.0682	1.0159	1.0682	1.0159	1.0713	1.0169
	July or later	1.0682	1.0159	1.0682	1.0159	1.0682	1.0159

A summary of the assignment of various adjustment factors by State as shown in table D.2 follows:

1. 38 States had adopted the 12-month certification policy before March 2015. The national 12-month factors were used for these States in the 2016, 2017, and 2018 estimates.
2. Two States adopted the 12-month certification policy between March 2015 and February 2016. The policy affected eligibility in only some months of 2016, but not in 2017 or 2018. For the 2016 estimates, these States used adjustment factors based on the implementation month. For the 2017 and 2018 estimates, these States used the national 12-month adjustment factors.
3. One State adopted the 12-month certification policy between March 2016 and June 2016. The policy affected eligibility in only some months of 2016 and 2017, but not in 2018. For the 2016 and 2017 estimates, this State used adjustment factors based on the implementation month. For the 2018 estimates, this State used the national 12-month adjustment factors.
4. One State adopted the 12-month certification policy between July 2016 and February 2017. The policy affected eligibility in only some months of 2017, but not in 2016 or 2018. For the 2016 estimates, this State used the national 6-month adjustment factors. For the 2017 estimates, this State used adjustment factors based on the implementation month. For the 2018 estimates, this State used the national 12-month adjustment factors.
5. One State adopted the 12-month certification policy between March 2017 and June 2017. The policy affected eligibility in some months of 2017 and 2018, but not in 2016. For the 2016 estimates, this State used the national 6-month adjustment factors. For the 2017 and 2018 estimates, this State used adjustment factors based on the implementation month.
6. One State adopted the 12-month certification policy between July 2017 and June 2018. The policy affected eligibility in some months of 2018, but not in 2016 or 2017. For the 2016 and 2017 estimates, this State used the national 6-month adjustment factors. For the 2018 estimates, this State used adjustment factors based on the implementation month.
7. Seven States adopted the 12-month certification policy in July 2018 or later or have not adopted the 12-month certification policy. The policy did not affect eligibility in 2016, 2017, or 2018. For all three years of estimates, these States used the national 6-month adjustment factors.

Table D.2. State-Level Annual-to-Monthly Adjustment Factors Used for the CY 2016–CY 2018 Estimates of Children Eligible for WIC

State	Implementation Date (as of February 4, 2020)	Annual-to-Monthly Factors Used for 2016 Estimates		Annual-to-Monthly Factors Used for 2017 Estimates		Annual-to-Monthly Factors Used for 2018 Estimates	
		Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other
Alabama	October 1, 2017	1.0682	1.0159	1.0682	1.0159	1.0956	1.0254
Alaska	January 19, 2014	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Arizona	December 14, 2014	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Arkansas	N/A	1.0682	1.0159	1.0682	1.0159	1.0682	1.0159
California	March 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Colorado	September 1, 2013	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Connecticut	October 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Delaware	January 14, 2013	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
District of Columbia	March 1, 2014	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Florida	October 1, 2011	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Georgia	October 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Hawaii	May 26, 2017	1.0682	1.0159	1.0743	1.0180	1.1108	1.0307
Idaho	January 5, 2015	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Illinois	July 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Indiana	January 20, 2014	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Iowa	July 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Kansas	June 1, 2014	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Kentucky	October 1, 2019	1.0682	1.0159	1.0682	1.0159	1.0682	1.0159
Louisiana	January 14, 2019	1.0682	1.0159	1.0682	1.0159	1.0682	1.0159
Maine	January 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Maryland	October 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Massachusetts	January 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Michigan	April 1, 2013	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Minnesota	November 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Mississippi	March 1, 2014	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Missouri	December 1, 2013	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Montana	October 1, 2011	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Nebraska	May 1, 2020	1.0682	1.0159	1.0682	1.0159	1.0682	1.0159
Nevada	July 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
New Hampshire	July 1, 2014	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
New Jersey	September 1, 2018	1.0682	1.0159	1.0682	1.0159	1.0682	1.0159
New Mexico	October 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
New York	January 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
North Carolina	October 1, 2011	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
North Dakota	January 1, 2011	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Ohio	May 31, 2020	1.0682	1.0159	1.0682	1.0159	1.0682	1.0159
Oklahoma	October 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Oregon	October 1, 2016	1.0682	1.0159	1.0956	1.0254	1.1200	1.0338

State	Implementation Date (as of February 4, 2020)	Annual-to-Monthly Factors Used for 2016 Estimates		Annual-to-Monthly Factors Used for 2017 Estimates		Annual-to-Monthly Factors Used for 2018 Estimates	
		Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other
Pennsylvania	September 1, 2013	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Rhode Island	January 1, 2015	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
South Carolina	October 1, 2015	1.0956	1.0254	1.1200	1.0338	1.1200	1.0338
South Dakota	April 1, 2011	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Tennessee	October 1, 2013	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Texas	March 1, 2012	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Utah	October 1, 2013	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Vermont	October 1, 2015	1.0956	1.0254	1.1200	1.0338	1.1200	1.0338
Virginia	January 1, 2013	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Washington	November 1, 2011	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
West Virginia	N/A	1.0682	1.0159	1.0682	1.0159	1.0682	1.0159
Wisconsin	October 1, 2013	1.1200	1.0338	1.1200	1.0338	1.1200	1.0338
Wyoming	March 1, 2016	1.0804	1.0201	1.1169	1.0328	1.1200	1.0338

After calculating appropriate factors for each State, it was also necessary to estimate a national-level factor. As described in volume I of this report, the State-level eligibility estimates were not calculated directly from the CPS-ASEC data. Instead, the national estimates were calculated using CPS-ASEC data that was apportioned to States based on State shares calculated using ACS data. Whereas the State-specific factors described earlier in this section were applied to each State when processing the ACS data, a national-level factor was required when processing the CPS-ASEC data. To do this, a weighted average of the State-specific factors was developed that weighted each State's factor by its share of eligible individuals before applying any annual-to-monthly adjustment factor. For the 2018 estimates, this resulted in a national annual-to-monthly adjustment factor of 1.1112 for non-Hispanic White-only children and 1.0321 for children who were either non-White or Hispanic/Latino (see table D.3-2016). For the 2017 estimates, this resulted in a national annual-to-monthly adjustment factor of 1.1111 for non-Hispanic White-only children and 1.0321 for children who were either non-White or Hispanic/Latino (see table D.3-2017). For the 2016 estimates, this resulted in a national annual-to-monthly adjustment factor of 1.1092 for non-Hispanic White-only children and 1.0316 for children who were either non-White or Hispanic/Latino (see table D.3-2018).

The 12-month certification policy option was also considered for the purposes of estimating children's WIC eligibility in Puerto Rico and the other U.S. territories. Estimates for Puerto Rico and other U.S. territories were adjusted using a single factor for all children with 12-month certifications (1.0681).³ A single factor for all children was applied rather than separate factors for race and ethnicity because data on individuals living in Puerto Rico and other U.S. territories are not available in the Survey of Income and Program Participation (SIPP).

³ Consistent with prior estimates of WIC eligibility in the U.S. territories, all territories were assigned a uniform adjustment factor corresponding to the 12-month certification period adoption status of most territories. As a result, estimates for the U.S. Virgin Islands use the 12-month certification adjustment factor despite this territory administering 6-month certifications for children.

Table D.3-2018. Calculation of the National-Level Annual-to-Monthly Adjustment Factor Used for the National CY 2018 Estimates of Children Eligible for WIC

State	State-Specific Annual-to-Monthly Factor		State Share of National Estimate of Children Eligible for WIC		State-Specific Factor Weighted by Share	
	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other
Alabama	1.0956	1.0254	0.0208	0.0149	0.0228	0.0152
Alaska	1.1200	1.0338	0.0034	0.0023	0.0038	0.0024
Arizona	1.1200	1.0338	0.0172	0.0283	0.0193	0.0293
Arkansas	1.0682	1.0159	0.0178	0.0087	0.0190	0.0089
California	1.1200	1.0338	0.0504	0.1646	0.0565	0.1702
Colorado	1.1200	1.0338	0.0157	0.0133	0.0176	0.0138
Connecticut	1.1200	1.0338	0.0067	0.0085	0.0075	0.0088
Delaware	1.1200	1.0338	0.0026	0.0031	0.0029	0.0032
District of Columbia	1.1200	1.0338	0.0002	0.0034	0.0002	0.0035
Florida	1.1200	1.0338	0.0551	0.0728	0.0617	0.0753
Georgia	1.1200	1.0338	0.0306	0.0402	0.0342	0.0416
Hawaii	1.1108	1.0307	0.0015	0.0054	0.0017	0.0056
Idaho	1.1200	1.0338	0.0115	0.0033	0.0129	0.0034
Illinois	1.1200	1.0338	0.0320	0.0371	0.0358	0.0383
Indiana	1.1200	1.0338	0.0325	0.0132	0.0364	0.0137
Iowa	1.1200	1.0338	0.0157	0.0055	0.0176	0.0056
Kansas	1.1200	1.0338	0.0135	0.0064	0.0151	0.0066
Kentucky	1.0682	1.0159	0.0306	0.0070	0.0327	0.0071
Louisiana	1.0682	1.0159	0.0189	0.0189	0.0202	0.0192
Maine	1.1200	1.0338	0.0062	0.0005	0.0069	0.0005
Maryland	1.1200	1.0338	0.0110	0.0191	0.0124	0.0198
Massachusetts	1.1200	1.0338	0.0148	0.0141	0.0166	0.0146
Michigan	1.1200	1.0338	0.0423	0.0214	0.0474	0.0222
Minnesota	1.1200	1.0338	0.0179	0.0113	0.0200	0.0117
Mississippi	1.1200	1.0338	0.0114	0.0111	0.0127	0.0115
Missouri	1.1200	1.0338	0.0326	0.0104	0.0365	0.0108
Montana	1.1200	1.0338	0.0068	0.0015	0.0076	0.0015
Nebraska	1.0682	1.0159	0.0082	0.0039	0.0087	0.0039
Nevada	1.1200	1.0338	0.0057	0.0118	0.0064	0.0122
New Hampshire	1.1200	1.0338	0.0051	0.0007	0.0058	0.0007
New Jersey	1.0682	1.0159	0.0149	0.0235	0.0159	0.0239
New Mexico	1.1200	1.0338	0.0043	0.0111	0.0048	0.0115
New York	1.1200	1.0338	0.0528	0.0599	0.0592	0.0619
North Carolina	1.1200	1.0338	0.0323	0.0336	0.0362	0.0347
North Dakota	1.1200	1.0338	0.0032	0.0013	0.0036	0.0013
Ohio	1.0682	1.0159	0.0551	0.0227	0.0589	0.0230
Oklahoma	1.1200	1.0338	0.0174	0.0130	0.0195	0.0135

State	State-Specific Annual-to-Monthly Factor		State Share of National Estimate of Children Eligible for WIC		State-Specific Factor Weighted by Share	
	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other
Oregon	1.1200	1.0338	0.0182	0.0087	0.0204	0.0089
Pennsylvania	1.1200	1.0338	0.0482	0.0267	0.0539	0.0276
Rhode Island	1.1200	1.0338	0.0025	0.0026	0.0028	0.0027
South Carolina	1.1200	1.0338	0.0172	0.0163	0.0192	0.0169
South Dakota	1.1200	1.0338	0.0037	0.0020	0.0042	0.0021
Tennessee	1.1200	1.0338	0.0345	0.0179	0.0386	0.0185
Texas	1.1200	1.0338	0.0544	0.1422	0.0610	0.1470
Utah	1.1200	1.0338	0.0156	0.0051	0.0175	0.0053
Vermont	1.1200	1.0338	0.0032	0.0002	0.0036	0.0002
Virginia	1.1200	1.0338	0.0199	0.0191	0.0223	0.0197
Washington	1.1200	1.0338	0.0261	0.0188	0.0292	0.0195
West Virginia	1.0682	1.0159	0.0147	0.0014	0.0157	0.0014
Wisconsin	1.1200	1.0338	0.0208	0.0102	0.0233	0.0106
Wyoming	1.1200	1.0338	0.0025	0.0008	0.0028	0.0009
U.S. Total	–	–	–	–	1.1112	1.0321

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Table D.3-2017. Calculation of the National-Level Annual-to-Monthly Adjustment Factor Used for the National CY 2017 Estimates of Children Eligible for WIC

State	State-Specific Annual-to-Monthly Factor		State Share of National Estimate of Children Eligible for WIC		State-Specific Factor Weighted by Share	
	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other
Alabama	1.0682	1.0159	0.0217	0.0155	0.0232	0.0157
Alaska	1.1200	1.0338	0.0037	0.0029	0.0041	0.0030
Arizona	1.1200	1.0338	0.0175	0.0285	0.0195	0.0295
Arkansas	1.0682	1.0159	0.0183	0.0080	0.0196	0.0081
California	1.1200	1.0338	0.0508	0.1707	0.0569	0.1765
Colorado	1.1200	1.0338	0.0175	0.0140	0.0196	0.0145
Connecticut	1.1200	1.0338	0.0062	0.0084	0.0070	0.0087
Delaware	1.1200	1.0338	0.0026	0.0028	0.0029	0.0029
District of Columbia	1.1200	1.0338	0.0004	0.0032	0.0005	0.0033
Florida	1.1200	1.0338	0.0565	0.0735	0.0632	0.0760
Georgia	1.1200	1.0338	0.0309	0.0402	0.0346	0.0416
Hawaii	1.0743	1.0180	0.0010	0.0063	0.0011	0.0064
Idaho	1.1200	1.0338	0.0106	0.0032	0.0118	0.0033
Illinois	1.1200	1.0338	0.0378	0.0382	0.0423	0.0395
Indiana	1.1200	1.0338	0.0367	0.0127	0.0411	0.0132
Iowa	1.1200	1.0338	0.0160	0.0052	0.0179	0.0054
Kansas	1.1200	1.0338	0.0133	0.0068	0.0149	0.0070
Kentucky	1.0682	1.0159	0.0320	0.0071	0.0342	0.0072
Louisiana	1.0682	1.0159	0.0179	0.0199	0.0191	0.0202
Maine	1.1200	1.0338	0.0056	0.0008	0.0062	0.0008
Maryland	1.1200	1.0338	0.0095	0.0190	0.0106	0.0196
Massachusetts	1.1200	1.0338	0.0132	0.0152	0.0148	0.0157
Michigan	1.1200	1.0338	0.0479	0.0215	0.0536	0.0222
Minnesota	1.1200	1.0338	0.0189	0.0104	0.0212	0.0108
Mississippi	1.1200	1.0338	0.0107	0.0125	0.0120	0.0130
Missouri	1.1200	1.0338	0.0311	0.0111	0.0348	0.0115
Montana	1.1200	1.0338	0.0061	0.0019	0.0068	0.0019
Nebraska	1.0682	1.0159	0.0081	0.0044	0.0087	0.0044
Nevada	1.1200	1.0338	0.0060	0.0117	0.0067	0.0120
New Hampshire	1.1200	1.0338	0.0049	0.0007	0.0055	0.0007
New Jersey	1.0682	1.0159	0.0163	0.0246	0.0174	0.0250
New Mexico	1.1200	1.0338	0.0040	0.0109	0.0045	0.0113
New York	1.1200	1.0338	0.0502	0.0619	0.0562	0.0640
North Carolina	1.1200	1.0338	0.0333	0.0322	0.0373	0.0333
North Dakota	1.1200	1.0338	0.0026	0.0011	0.0029	0.0011
Ohio	1.0682	1.0159	0.0557	0.0228	0.0595	0.0232
Oklahoma	1.1200	1.0338	0.0186	0.0137	0.0208	0.0142

State	State-Specific Annual-to-Monthly Factor		State Share of National Estimate of Children Eligible for WIC		State-Specific Factor Weighted by Share	
	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other
Oregon	1.0956	1.0254	0.0182	0.0089	0.0200	0.0091
Pennsylvania	1.1200	1.0338	0.0507	0.0253	0.0568	0.0262
Rhode Island	1.1200	1.0338	0.0027	0.0024	0.0030	0.0025
South Carolina	1.1200	1.0338	0.0196	0.0157	0.0220	0.0163
South Dakota	1.1200	1.0338	0.0039	0.0020	0.0043	0.0020
Tennessee	1.1200	1.0338	0.0341	0.0165	0.0382	0.0170
Texas	1.1200	1.0338	0.0554	0.1430	0.0620	0.1478
Utah	1.1200	1.0338	0.0152	0.0066	0.0170	0.0068
Vermont	1.1200	1.0338	0.0041	0.0004	0.0046	0.0004
Virginia	1.1200	1.0338	0.0210	0.0206	0.0236	0.0213
Washington	1.1200	1.0338	0.0274	0.0179	0.0307	0.0185
West Virginia	1.0682	1.0159	0.0134	0.0011	0.0143	0.0012
Wisconsin	1.1200	1.0338	0.0193	0.0107	0.0216	0.0110
Wyoming	1.1169	1.0328	0.0030	0.0010	0.0033	0.0010
U.S. Total	–	–	–	–	1.1111	1.0321

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Table D.3-2016. Calculation of the National-Level Annual-to-Monthly Adjustment Factor Used for the National CY 2016 Estimates of Children Eligible for WIC

State	State-Specific Annual-to-Monthly Factor		State Share of National Estimate of Children Eligible for WIC		State-Specific Factor Weighted by Share	
	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other
Alabama	1.0682	1.0159	0.0199	0.0150	0.0213	0.0152
Alaska	1.1200	1.0338	0.0025	0.0033	0.0028	0.0034
Arizona	1.1200	1.0338	0.0171	0.0279	0.0192	0.0289
Arkansas	1.0682	1.0159	0.0179	0.0085	0.0192	0.0086
California	1.1200	1.0338	0.0556	0.1754	0.0622	0.1813
Colorado	1.1200	1.0338	0.0153	0.0137	0.0172	0.0142
Connecticut	1.1200	1.0338	0.0064	0.0082	0.0071	0.0084
Delaware	1.1200	1.0338	0.0020	0.0027	0.0022	0.0028
District of Columbia	1.1200	1.0338	0.0001	0.0031	0.0002	0.0032
Florida	1.1200	1.0338	0.0542	0.0692	0.0608	0.0716
Georgia	1.1200	1.0338	0.0317	0.0407	0.0355	0.0421
Hawaii	1.0682	1.0159	0.0013	0.0060	0.0014	0.0061
Idaho	1.1200	1.0338	0.0113	0.0031	0.0126	0.0032
Illinois	1.1200	1.0338	0.0336	0.0378	0.0376	0.0390
Indiana	1.1200	1.0338	0.0344	0.0127	0.0385	0.0131
Iowa	1.1200	1.0338	0.0159	0.0044	0.0178	0.0046
Kansas	1.1200	1.0338	0.0106	0.0071	0.0119	0.0073
Kentucky	1.0682	1.0159	0.0298	0.0074	0.0318	0.0075
Louisiana	1.0682	1.0159	0.0184	0.0180	0.0196	0.0182
Maine	1.1200	1.0338	0.0064	0.0009	0.0072	0.0010
Maryland	1.1200	1.0338	0.0103	0.0182	0.0116	0.0189
Massachusetts	1.1200	1.0338	0.0164	0.0145	0.0184	0.0150
Michigan	1.1200	1.0338	0.0448	0.0205	0.0501	0.0212
Minnesota	1.1200	1.0338	0.0188	0.0101	0.0211	0.0104
Mississippi	1.1200	1.0338	0.0099	0.0123	0.0110	0.0127
Missouri	1.1200	1.0338	0.0285	0.0108	0.0319	0.0112
Montana	1.1200	1.0338	0.0067	0.0017	0.0075	0.0017
Nebraska	1.0682	1.0159	0.0087	0.0038	0.0093	0.0038
Nevada	1.1200	1.0338	0.0058	0.0118	0.0065	0.0122
New Hampshire	1.1200	1.0338	0.0044	0.0008	0.0050	0.0008
New Jersey	1.0682	1.0159	0.0153	0.0242	0.0164	0.0246
New Mexico	1.1200	1.0338	0.0035	0.0116	0.0039	0.0120
New York	1.1200	1.0338	0.0521	0.0608	0.0584	0.0628
North Carolina	1.1200	1.0338	0.0335	0.0312	0.0375	0.0322
North Dakota	1.1200	1.0338	0.0021	0.0016	0.0024	0.0016
Ohio	1.0682	1.0159	0.0534	0.0224	0.0570	0.0227
Oklahoma	1.1200	1.0338	0.0171	0.0139	0.0192	0.0143

State	State-Specific Annual-to-Monthly Factor		State Share of National Estimate of Children Eligible for WIC		State-Specific Factor Weighted by Share	
	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other	Non-Hispanic White-Only	Other
Oregon	1.0682	1.0159	0.0173	0.0090	0.0185	0.0091
Pennsylvania	1.1200	1.0338	0.0500	0.0237	0.0560	0.0245
Rhode Island	1.1200	1.0338	0.0022	0.0026	0.0024	0.0026
South Carolina	1.0956	1.0254	0.0192	0.0158	0.0210	0.0162
South Dakota	1.1200	1.0338	0.0037	0.0020	0.0041	0.0021
Tennessee	1.1200	1.0338	0.0342	0.0171	0.0384	0.0177
Texas	1.1200	1.0338	0.0545	0.1381	0.0610	0.1427
Utah	1.1200	1.0338	0.0155	0.0060	0.0174	0.0062
Vermont	1.0956	1.0254	0.0034	0.0002	0.0037	0.0002
Virginia	1.1200	1.0338	0.0190	0.0194	0.0213	0.0200
Washington	1.1200	1.0338	0.0284	0.0180	0.0318	0.0186
West Virginia	1.0682	1.0159	0.0135	0.0013	0.0144	0.0014
Wisconsin	1.1200	1.0338	0.0205	0.0114	0.0230	0.0118
Wyoming	1.0804	1.0201	0.0028	0.0007	0.0030	0.0007
U.S. Total	–	–	–	–	1.1092	1.0316

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Appendix E. Method for Using the 2014 Reengineered SIPP to Update the Annual-to-Monthly Adjustment Factor and Pregnancy Income Adjustment Factor

The purpose of this appendix is to describe the methodology used for updating the annual-to-monthly adjustment factor and pregnancy income adjustment factor using the 2014 reengineered Survey of Income and Program Participation (SIPP). The 2005 through 2015 estimates presented in this report used data from the 2001, 2004, and 2008 SIPP panels to calculate the annual-to-monthly adjustment factors and the pregnancy income adjustment factor (see Johnson et al., 2017 for a detailed explanation of how these adjustment factors were calculated). For the 2016–2018 estimates presented in this report, the 2014 reengineered SIPP was used to update both factors using the most recent years of SIPP data available.

Calculating the Updated Annual-to-Monthly Adjustment Factor

The annual-to-monthly factor adjusts for (1) fluctuations in monthly family income, (2) changes in adjunctive income eligibility through participation in Medicaid, the Supplemental Nutrition Assistance Program (SNAP), and Temporary Assistance for Needy Families (TANF), and (3) differences in certification periods. The CPS-ASEC provides data on annual income and program participation in Medicaid, SNAP, and TANF. However, WIC eligibility is based on current income and program participation, which may fluctuate during the year. To account for this difference, adjustment factors are applied to estimate the effect of monthly fluctuations in income and program participation and the effects of 6- and 12-month certification periods (see appendix D in volume II for details on how the certification period adjustments were calculated). These adjustment factors—computed separately for infants and children by race and ethnicity (non-Hispanic White-only infants and children versus all other races and ethnicities)—are based on SIPP data, enabling the month-by-month observation of family circumstances. To incorporate the impact of 12-month certification on children’s WIC eligibility, State-specific annual-to-monthly factors were created, which varied by whether and when the State had adopted the 12-month certification option. Then, a type of weighted average was created across the State-level estimates (see appendix D in volume II for additional information). For this report, data from the 2014 SIPP panel was available to update the annual-to-monthly adjustment factors. The updated factors use the same methods as in prior years but with the most recent SIPP data.

Adjunctive income eligibility is estimated from the SIPP using the same approach as the CPS-ASEC (i.e., program enrollment at any point during the calendar year). The annual-to-monthly adjustment factor attempts to identify any additional eligibility based on fluctuations in monthly income and certification periods. Specifically, the adjustment factor is calculated by comparing two types of estimates. The first estimate models month-by-month eligibility assuming 12-month certification periods for infants and 6-month certification periods for children. The second estimate mimics how annual income and program participation is computed using the CPS-ASEC. The adjustment factor is computed as the ratio of the first estimate to the second. As a result, a decrease in the adjustment factor indicates that fewer individuals are being found eligible for WIC because of fluctuations in monthly income and program participation. An increase indicates that more individuals are being found eligible for WIC because of fluctuations in monthly income and program participation.

The annual-to-monthly adjustment factor requires 3 calendar years of SIPP data to estimate factors for a particular calendar year. SIPP data are needed for the calendar year for which a factor is being estimated, 11 months prior to that calendar year, and March of the following year.⁴ The 2014 SIPP panel included four waves of interviews conducted in 2014–2017. The four waves corresponded to reference periods covering calendar years 2013 to 2016. As a result, the 2014 SIPP panel was able to produce adjustment factors for 2 calendar years: 2014 and 2015.⁵ The adjustment factors for 2014 and 2015 were averaged to calculate the annual-to-monthly adjustment factor used for the 2016–2018 estimates presented in this report. Table E.1 compares the annual-to-monthly adjustment factor from the 2008 SIPP panel with the 2014 SIPP panel for infants.

Table E.1. Comparison of Annual-to-Monthly Adjustment Factors Using the 2008 SIPP Panel and 2014 SIPP Panel for Infants

Adjustment Factor	2008 SIPP Panel	2014 SIPP Panel
Non-Hispanic White-only	1.20	1.11
All other races and ethnicities	1.07	1.01
Total	1.14	1.06

Note: The Total adjustment factor was used to estimate eligible infants in Puerto Rico and the other U.S. territories because the SIPP does not contain data on individuals in Puerto Rico or the other U.S. territories. The non-Hispanic White-only and all other races and ethnicities adjustment factors were used to estimate eligible infants by race and ethnicity in the nation and the 50 States and the District of Columbia.

SIPP = Survey of Income and Program Participation

Source: U.S. Census Bureau, n.d.c

Table E.2 compares the annual-to-monthly adjustment factors from the 2008 SIPP panel (used for the 2014 eligibility estimates) with the 2014 SIPP panel (used for the 2018 estimates) for children by 6-month and 12-month certification periods.⁶ However, depending on when a State adopted the longer certification period, a prorated adjustment factor was calculated (see table D.2 in volume II for State-specific factors used for the 2016–2018 estimates).

⁴ A child who is eligible in January of the calendar year could have begun a certification period as early as February of the prior year and still be certified as late as January of the calendar year in question. Therefore, monthly income eligibility is examined during the calendar year and 11 months prior. Data for March of the following year are needed because person age and sampling weight are measured as of March when computing annual “CPS-like” estimates. The details of these procedures are summarized in appendix G of Betson et al. (2011).

⁵ Adjustment factors for 2014 require data from February 2013 through December 2014, plus March 2015. Adjustment factors for 2015 require data from February 2014 through December 2015, plus March 2016.

⁶ The annual-to-monthly adjustment factors not stratified by certification period are recalculated each year based on the number of States with 12-month certification periods. As a result, the adjustment factors from the 2008 SIPP panel are based on the 2014 WIC eligibility estimates (see Johnson et al., 2017), and the adjustment factors from the 2014 SIPP panel are based on the 2018 WIC eligibility estimates.

Table E.2. Comparison of Annual-to-Monthly Adjustment Factors Using the 2008 SIPP Panel and 2014 SIPP Panel for Children by 6-Month and 12-Month Certification Periods

Adjustment Factor	2008 SIPP Panel	2014 SIPP Panel
Non-Hispanic White-only	1.07	1.11
6-month certification	1.03	1.07
12-month certification	1.10	1.12
All other races and ethnicities	1.02	1.03
6-month certification	1.00	1.02
12-month certification	1.03	1.03
Total	1.01	1.06

Note: The annual-to-monthly adjustment factors not stratified by certification period are recalculated each year based on the number of States with 12-month certification periods. As a result, the adjustment factors from the 2008 SIPP panel are based on the 2014 WIC eligibility estimates (see Johnson et al., 2017) and the 2014 SIPP panel are based on the 2018 WIC eligibility estimates (see appendix D in volume II for more information on how these factors are prorated). The total adjustment factor was calculated but not used for any adjustment. Separate adjustment factors were used for Puerto Rico and the other U.S. territories assuming 12-month certification periods (see appendix D in volume II) because the SIPP does not contain data on individuals in Puerto Rico or the other U.S. territories. The factor from the 2008 SIPP was 1.01 and from the 2014 SIPP was 1.07. The non-Hispanic White-only and all other races and ethnicities adjustment factors were used to estimate eligible children by race and ethnicity in the nation based on implementation of the 12-month certification option. See table D.2 in volume II for State-specific factors used for the 2016–2018 estimates.

SIPP = Survey of Income and Program Participation

Source: U.S. Census Bureau, n.d.c

Changes in the factors can occur as a result of changes in Medicaid, SNAP, or TANF enrollment and changes in family income patterns. Changes in survey methodologies from one SIPP panel to the next also can influence the factors. For example, changes in the 2014 SIPP survey methodology likely contributed to the relatively large decrease in the annual-to-monthly adjustment factors for infants compared with the relatively small changes in the factors for children. Similar to the new CPS-ASEC (see chapter 2 in volume I), the 2014 SIPP used new processing procedures related to health insurance coverage for infants. Specifically, beginning with the 2014 SIPP panel, health insurance coverage for infants was not captured if an infant had a different health insurance coverage type from a household member during the same period of months. That is, health insurance coverage was only collected if an infant had the same health insurance coverage as another household member during the same period. As a result, health insurance information was imputed for infants with missing health insurance coverage. Census notes that “users should be aware that imputation rates will be unusually high for infants” (U.S. Census Bureau, 2016).

Calculating the Updated Pregnancy Income Adjustment Factor

The estimates for pregnant women are adjusted to account for a lower likelihood of financial eligibility during pregnancy versus after birth. According to the recommendations of the Committee on National Statistics panel, a woman would be more likely to be working during pregnancy than after birth, so family income would be higher for women during pregnancy. Therefore, women would be less likely during pregnancy versus after birth to have an income below the eligibility threshold.

Like the annual-to-monthly factor, the pregnancy income adjustment factor is computed using SIPP data. For a particular panel of SIPP data, eligibility is estimated, month by month, for pregnant women and their infants. Two figures are then computed: (1) across all months of pregnancy observed in the panel, the percentage during which the woman appears eligible for WIC, and (2) across all infant-months, the percentage during which the infant appears eligible for WIC. The factor equals the percentage of pregnancy months estimated as eligible divided by the percentage of infant months estimated as eligible.

For the 2005–2015 estimates presented in this report, the adjustment factor used to adjust estimates for pregnant women was based on the 2001, 2004, and 2008 panels of SIPP data. For the 2016–2018 estimates presented in this report, the factor was updated using the 2014 reengineered SIPP. As in prior years, the three most recent SIPP panels were used to calculate the factor (i.e., 2004, 2008, 2014). Table E.3 compares the prior adjustment factor based on the 2001, 2004, and 2008 SIPP panels with the updated adjustment factor based on the 2004, 2008, and 2014 panels.

Table E.3. Comparison of the Pregnancy Income Adjustment Factor From the 2001, 2004, and 2008 SIPP Panels Compared to the 2004, 2008, 2014 SIPP Panels Factors

Adjustment Factor	2001, 2004, 2008 SIPP Panels	2004, 2008, 2014 SIPP Panels
Pregnancy income adjustment factor	0.90	0.91

Note: The 2005–2015 estimates presented in this report use the adjustment factor calculated from the 2001, 2004, and 2008 SIPP panels (0.90), and the 2016–2018 estimates use the adjustment factor calculated from the 2004, 2008, and 2014 SIPP panels (0.91).
SIPP = Survey of Income and Program Participation
Source: U.S. Census Bureau, n.d.c

Appendix F. Data for Figures in Volumes I and II

This section includes additional data used for figures or maps of this report. Because of changes to the underlying data used to produce estimates of WIC eligibility, the 2016 and 2017 estimates were updated for the 2018 report (see chapter 2 in volume I for more information).

Table F.1. Trends in WIC Eligibility by Participant Category: CY 2005–CY 2018

Participant Category	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Infants	2,558,198	2,547,352	2,469,895	2,444,907	2,450,486	2,492,692	2,369,335	2,293,360	2,383,446	2,451,750	2,506,686	1,890,953	1,882,098	1,725,558
Children	8,438,790	8,199,817	8,189,922	8,565,160	9,025,534	9,100,231	8,675,794	8,752,082	8,929,389	9,347,672	9,268,848	8,458,358	8,423,507	7,827,066
1-year-old children	2,254,002	2,153,096	2,132,181	2,243,777	2,317,085	2,203,653	2,251,413	2,160,352	2,246,216	2,312,140	2,274,986	2,159,720	2,132,153	1,925,732
2-year-old children	2,115,499	2,047,789	2,052,056	2,087,040	2,267,648	2,275,554	2,097,521	2,176,383	2,210,997	2,318,334	2,321,950	2,133,906	2,199,235	1,931,721
3-year-old children	2,021,426	1,999,006	2,032,293	2,119,326	2,264,937	2,358,306	2,142,043	2,223,216	2,189,298	2,357,342	2,340,558	2,111,732	2,078,947	2,051,732
4-year-old children	2,047,864	1,999,926	1,973,393	2,115,017	2,175,865	2,262,718	2,184,818	2,192,131	2,282,879	2,359,857	2,331,355	2,053,001	2,013,172	1,917,881
Pregnant women	1,668,448	1,661,374	1,610,857	1,594,559	1,598,198	1,625,725	1,545,272	1,495,721	1,554,475	1,599,023	1,634,852	1,246,284	1,240,634	1,138,061
Postpartum women	1,555,282	1,571,818	1,544,977	1,537,912	1,535,907	1,570,531	1,515,309	1,475,700	1,544,490	1,606,863	1,652,116	1,292,642	1,286,942	1,178,712
Breastfeeding women	822,301	853,615	870,455	867,826	860,220	879,159	886,444	876,592	938,157	998,025	1,034,333	858,632	856,033	781,683
Non-breastfeeding women	732,981	718,203	674,522	670,086	675,687	691,372	628,865	599,108	606,333	608,838	617,783	434,010	430,909	397,029
Total	14,220,718	13,980,361	13,815,651	14,142,538	14,610,125	14,789,179	14,105,710	14,016,863	14,411,800	15,005,308	15,062,503	12,888,236	12,833,181	11,869,397

Note: Estimates for 2016–2018 differ methodologically from earlier estimates because of changes to the underlying data sources. Comparisons between the 2016–2018 estimates and prior estimates should be interpreted with caution. See chapter 2 in volume I for more information.

CY = calendar year

Sources: IPUMS-USA, n.d.; NBER, n.d.; Thorn et al., 2018; Kline et al., 2020; U.S. Census Bureau, n.d.a

Table F.2. Regional-Level WIC Eligibility by Participant Category: CY 2005–CY 2018

FNS Region	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Infants														
Northeast	206,365	206,379	199,728	199,727	201,618	212,157	209,890	196,252	211,248	218,523	216,978	168,789	164,311	149,462
Mid-Atlantic	283,563	280,232	267,317	261,435	278,918	276,393	263,384	261,129	270,095	272,098	281,006	207,019	203,513	192,181
Southeast	516,939	533,067	513,546	510,633	520,664	525,034	497,781	482,812	493,328	526,362	539,363	414,782	395,329	371,393
Midwest	379,646	371,990	359,711	366,835	373,180	380,165	367,236	339,373	350,952	368,281	370,624	276,666	263,392	243,318
Southwest	431,129	425,727	423,067	404,434	396,202	402,943	381,018	364,505	380,903	381,902	399,527	304,613	317,685	289,989
Mountain Plains	196,868	195,657	187,271	184,598	188,713	188,501	176,474	168,178	182,119	193,883	197,829	142,990	138,275	122,813
Western	543,689	534,299	519,254	517,245	491,190	507,500	473,552	481,110	494,800	490,700	501,360	376,093	399,593	356,402
Total	2,558,198	2,547,352	2,469,895	2,444,907	2,450,486	2,492,692	2,369,335	2,293,360	2,383,446	2,451,750	2,506,686	1,890,953	1,882,098	1,725,558
Children														
Northeast	714,354	704,637	695,870	722,369	760,385	771,076	733,634	773,993	797,138	837,926	818,395	743,581	727,643	682,180
Mid-Atlantic	966,344	918,016	924,422	969,897	1,003,801	1,023,130	962,006	976,797	1,004,838	1,053,757	1,049,675	949,003	948,458	882,159
Southeast	1,692,528	1,661,879	1,653,911	1,780,460	1,894,699	1,894,494	1,820,166	1,830,151	1,896,838	1,992,652	1,951,240	1,817,411	1,816,838	1,704,501
Midwest	1,257,607	1,212,287	1,208,928	1,269,807	1,383,542	1,411,935	1,335,646	1,279,045	1,314,508	1,392,932	1,384,142	1,231,593	1,241,556	1,118,345
Southwest	1,389,898	1,386,648	1,367,724	1,414,712	1,425,242	1,433,611	1,356,633	1,396,436	1,405,210	1,452,577	1,457,684	1,338,406	1,347,724	1,274,908
Mountain Plains	650,739	625,462	632,189	628,839	681,760	694,702	675,421	661,621	660,008	700,741	698,992	606,779	626,586	568,933
Western	1,767,321	1,690,888	1,706,880	1,779,075	1,876,103	1,871,283	1,792,286	1,834,037	1,850,849	1,917,087	1,908,721	1,771,586	1,714,703	1,596,040
Total	8,438,791	8,199,817	8,189,923	8,565,160	9,025,535	9,100,231	8,675,795	8,752,082	8,929,390	9,347,672	9,268,848	8,458,358	8,423,507	7,827,066
Pregnant Women														
Northeast	134,590	134,600	130,262	130,261	131,495	138,368	136,889	127,995	137,775	142,520	141,512	111,229	108,281	98,548
Mid-Atlantic	184,939	182,766	174,343	170,507	181,909	180,263	171,778	170,307	176,155	177,461	183,271	136,473	134,176	126,789
Southeast	337,146	347,664	334,933	333,033	339,575	342,425	324,651	314,889	321,747	343,292	351,77	273,476	260,693	245,061
Midwest	247,604	242,611	234,603	239,248	243,387	247,943	239,510	221,338	228,890	240,192	241,719	182,217	173,446	160,366
Southwest	281,181	277,657	275,923	263,770	258,401	262,798	248,498	237,729	248,424	249,075	260,570	200,904	209,575	191,390
Mountain Plains	128,396	127,607	122,138	120,394	123,078	122,940	115,096	109,685	118,778	126,450	129,023	94,068	91,012	80,861
Western	354,592	348,468	338,656	337,345	320,352	330,990	308,849	313,778	322,707	320,033	326,985	247,916	263,450	235,047
Total	1,668,448	1,661,374	1,610,857	1,594,559	1,598,198	1,625,725	1,545,272	1,495,721	1,554,475	1,599,023	1,634,852	1,246,284	1,240,634	1,138,061

FNS Region	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Postpartum Breastfeeding Women														
Northeast	70,293	70,678	72,681	77,266	76,480	81,879	83,151	78,465	88,338	91,014	105,604	82,824	80,514	72,913
Mid-Atlantic	81,178	81,195	75,852	71,147	76,440	79,267	84,612	88,259	93,957	98,000	112,923	94,571	92,889	88,155
Southeast	122,844	136,106	141,397	144,392	146,087	144,819	147,675	146,471	156,611	179,626	188,515	171,665	163,637	152,933
Midwest	104,109	101,991	106,315	109,024	119,252	117,730	121,204	118,923	128,764	143,764	136,173	118,174	112,482	103,729
Southwest	125,150	132,844	142,511	133,905	121,533	126,259	125,602	125,880	130,375	139,157	149,931	128,502	134,438	121,966
Mountain Plains	73,575	80,137	84,457	83,357	85,457	79,430	78,011	69,076	76,076	84,196	86,719	69,770	67,285	59,733
Western	245,152	250,664	247,243	248,735	234,970	249,775	246,191	249,519	264,037	262,268	254,467	193,125	204,788	182,254
Total	822,301	853,615	870,455	867,826	860,220	879,159	886,444	876,592	938,157	998,025	1,034,333	858,632	856,033	781,683
Postpartum Non-Breastfeeding Women														
Northeast	58,369	58,200	54,251	53,559	54,233	57,068	54,595	50,502	52,542	54,248	48,905	36,264	35,317	32,255
Mid-Atlantic	86,592	85,060	80,243	79,088	84,391	83,668	75,566	73,141	74,234	72,953	71,414	47,772	46,968	44,194
Southeast	168,296	169,633	157,207	156,456	159,068	161,775	147,511	141,982	142,929	146,004	145,581	103,057	98,131	92,791
Midwest	116,944	114,162	105,929	108,426	107,456	111,315	102,786	92,661	92,612	93,732	97,430	66,942	63,629	58,976
Southwest	126,047	120,511	114,584	110,745	111,313	113,839	103,895	98,794	102,438	100,313	100,966	73,551	76,455	70,247
Mountain Plains	51,952	50,048	46,110	45,956	46,780	48,281	42,800	41,215	43,400	45,114	47,166	30,501	29,596	26,302
Western	124,780	120,587	116,197	115,856	112,446	115,426	101,711	100,814	98,180	96,475	106,322	75,923	80,813	72,264
Total	732,981	718,203	674,522	670,086	675,687	691,372	628,865	599,108	606,333	608,838	617,783	434,010	430,909	397,029

Note: Estimates for 2016–2018 differ methodologically from earlier estimates because of changes to the underlying data sources. Comparisons between the 2016–2018 estimates and prior estimates should be interpreted with caution. See chapter 2 in volume I for more information.

CY = calendar year

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, 2019a, 2020, n.d.a

Table F.3-2018. WIC Coverage Rates by State and Participant Category

State	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Women	Total
Alabama	100.0	71.4	48.8	36.5	25.7	44.7	63.0	78.0	58.8
Alaska	100.0	54.9	50.8	54.7	23.0	45.2	61.3	81.1	57.3
Arizona	91.1	55.9	43.7	38.7	22.2	40.7	41.6	79.4	51.9
Arkansas	98.2	57.2	37.2	30.2	20.6	36.4	56.4	78.4	52.3
California	95.6	74.2	61.4	55.8	44.2	58.8	56.6	87.4	67.1
Colorado	82.2	61.9	40.3	35.5	22.7	40.4	44.8	74.4	50.4
Connecticut	89.1	63.2	42.4	31.6	22.1	39.0	57.0	57.6	50.1
Delaware	100.0	57.5	35.9	30.3	18.4	35.1	53.9	74.3	49.4
District of Columbia	89.6	60.4	32.1	22.7	12.6	30.1	36.5	77.5	44.6
Florida	99.1	67.2	47.2	38.7	23.3	43.9	55.6	88.3	57.4
Georgia	96.3	49.8	37.1	33.4	17.6	34.5	53.4	76.6	49.3
Hawaii	100.0	64.3	47.2	44.6	16.7	44.4	57.4	80.9	57.4
Idaho	85.1	46.1	46.7	34.2	17.9	36.5	46.3	71.7	47.1
Illinois	93.5	42.3	38.9	31.6	23.8	34.1	43.1	73.9	47.5
Indiana	100.0	62.6	53.9	40.8	26.6	46.4	48.1	92.2	59.4
Iowa	100.0	68.5	52.5	44.8	19.8	45.5	56.5	100.0	60.3
Kansas	75.6	55.0	44.3	33.8	20.1	38.0	44.7	61.8	46.9
Kentucky	100.0	55.9	49.3	36.8	29.5	42.9	63.2	83.5	58.4
Louisiana	95.9	54.4	36.9	26.8	18.7	33.7	52.0	79.2	49.5
Maine	100.0	59.1	67.5	47.4	31.3	50.3	61.0	87.5	63.0
Maryland	100.0	74.5	55.9	45.6	30.8	51.5	67.1	92.3	65.8
Massachusetts	100.0	77.2	60.8	48.6	30.6	54.0	58.2	88.4	64.4
Michigan	†	71.3	56.4	47.7	26.2	50.2	66.8	83.3	64.0
Minnesota	100.0	68.3	59.5	52.2	38.4	54.7	57.1	94.0	66.3
Mississippi	100.0	62.9	48.9	44.4	27.9	45.8	55.4	92.8	61.6
Missouri	100.0	52.6	41.6	30.8	22.1	36.7	60.4	87.2	53.7
Montana	91.3	43.1	39.2	40.4	18.2	34.6	49.8	69.0	45.7
Nebraska	81.0	72.5	50.3	38.8	31.4	46.9	40.0	70.9	54.4

State	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Women	Total
Nevada	88.3	61.2	50.0	34.6	24.9	42.3	39.5	79.1	52.8
New Hampshire	64.7	55.6	43.7	30.7	28.0	39.1	35.7	51.7	44.1
New Jersey	89.0	58.8	49.4	46.7	32.0	46.9	47.4	79.1	57.0
New Mexico	75.6	46.2	38.7	30.4	19.1	33.9	40.2	67.5	43.9
New York	99.7	68.0	52.1	44.7	29.5	48.8	53.1	92.3	60.9
North Carolina	100.0	57.8	47.7	38.8	25.2	42.2	56.1	90.4	56.6
North Dakota	80.0	67.7	38.9	40.7	31.0	44.6	39.7	66.7	51.9
Ohio	†	49.3	36.9	31.2	23.5	35.0	54.3	75.8	53.0
Oklahoma	100.0	46.2	54.9	42.8	29.0	43.3	70.0	84.5	58.9
Oregon	100.0	62.8	65.8	48.1	30.4	52.2	61.5	90.9	63.3
Pennsylvania	100.0	61.8	50.1	37.3	21.7	42.2	54.9	81.4	55.4
Rhode Island	83.4	64.3	58.7	46.6	33.4	51.3	43.7	64.8	57.4
South Carolina	100.0	53.4	34.6	26.6	11.4	30.6	54.4	80.5	47.3
South Dakota	97.4	57.1	39.6	48.5	51.0	48.7	53.1	75.5	58.9
Tennessee	100.0	43.1	32.6	25.9	16.0	29.2	58.9	78.0	46.1
Texas	94.3	60.8	42.5	37.0	18.7	39.8	47.6	100.0	54.8
Utah	72.8	46.7	40.7	35.2	22.5	36.9	37.4	64.3	45.2
Vermont	94.6	100.0	88.8	47.8	49.5	70.3	60.7	88.6	75.1
Virginia	85.2	40.0	45.8	34.5	21.2	35.3	44.8	66.1	47.3
Washington	79.4	57.4	54.7	46.6	37.7	49.3	48.9	69.7	55.9
West Virginia	100.0	50.7	46.2	32.2	23.3	37.6	61.3	99.4	54.3
Wisconsin	100.0	78.5	47.8	39.9	24.2	46.1	48.9	83.5	57.3
Wyoming	96.3	61.5	52.2	44.4	15.9	42.5	50.9	84.2	54.7

State	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Women	Total
FNS Region									
Northeast	97.5	68.9	53.3	43.8	29.4	48.9	53.7	86.2	60.2
Mid-Atlantic	97.6	61.6	52.1	44.6	25.7	45.8	55.1	80.1	57.6
Southeast	100.0	58.6	43.3	35.4	21.8	39.6	56.7	84.1	54.4
Midwest	100.0	58.4	46.7	38.6	26.0	42.3	52.7	81.6	56.4
Southwest	95.2	57.7	42.3	35.5	19.8	38.9	50.2	93.6	53.8
Mountain Plains	90.7	57.3	43.3	36.2	23.1	40.0	48.8	76.9	51.8
Western	93.1	67.3	57.5	50.3	37.8	53.4	53.1	83.6	62.3
Total	97.8	61.4	48.4	40.7	26.5	44.2	53.3	84.4	56.9

Note: Estimates of State-level coverage rates by year of age for children and other participant categories should be viewed with caution because of the small sample sizes for many States. See chapter 6 in volume I for more details on statistical uncertainty for these estimates. State and regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC. Estimates for Puerto Rico and other U.S. territories are included in the total but not shown separately because of small sample sizes. The estimated coverage rates exceeded 100 percent for infants in Alabama, Alaska, Delaware, Hawaii, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, North Carolina, Oklahoma, Oregon, Pennsylvania, South Carolina, Tennessee, West Virginia, and in the Southeast and Midwest regions; and for postpartum women in Iowa and Texas. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, n.d.a; Kline et al., 2020; unpublished internal WIC administrative data

Table F.3-2017. WIC Coverage Rates by State and Participant Category

State	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Women	Total
Alabama	100.0	55.2	42.6	37.7	28.2	41.3	70.1	84.7	57.8
Alaska	67.6	45.4	36.2	35.2	24.3	35.9	42.6	55.8	43.5
Arizona	86.6	57.4	40.4	37.4	21.2	39.2	40.2	75.3	49.9
Arkansas	100.0	57.2	37.3	29.6	21.1	36.5	62.6	84.6	53.8
California	94.0	70.5	56.3	56.9	45.7	57.4	56.7	86.9	65.9
Colorado	74.1	52.0	34.2	33.0	21.0	35.1	41.5	67.1	44.8
Connecticut	100.0	62.8	38.3	33.8	23.1	38.8	69.0	66.1	53.0
Delaware	83.5	54.7	41.0	33.0	17.0	36.7	47.3	60.0	47.8
District of Columbia	99.9	55.7	31.4	32.1	12.2	32.2	41.1	88.0	48.6
Florida	95.9	62.1	44.2	39.5	22.8	42.5	55.5	85.4	55.7
Georgia	82.4	52.8	41.9	37.5	22.8	39.1	41.5	90.8	50.7
Hawaii	77.8	52.3	40.8	32.1	27.3	37.2	42.2	64.8	46.8
Idaho	72.2	63.9	40.0	37.3	17.4	39.6	39.6	61.5	47.1
Illinois	95.1	41.8	33.2	29.8	21.5	31.8	47.0	74.5	45.7
Indiana	95.6	58.9	49.2	37.5	17.5	41.6	48.8	86.5	54.4
Iowa	100.0	60.4	48.2	39.6	23.2	43.7	54.0	95.0	56.9
Kansas	75.2	54.5	39.2	37.6	17.6	37.1	44.9	61.5	46.0
Kentucky	97.6	57.9	42.5	40.3	28.4	42.3	59.4	73.8	55.3
Louisiana	100.0	48.0	36.3	29.8	20.6	34.2	56.7	84.5	51.0
Maine	83.2	66.5	50.8	56.4	31.2	50.9	46.2	65.8	57.3
Maryland	†	73.4	54.7	57.1	29.2	53.7	76.9	100.0	69.8
Massachusetts	89.2	72.2	55.5	49.7	31.2	52.6	53.5	78.5	60.9
Michigan	100.0	63.4	47.3	51.0	21.0	46.3	66.0	79.1	59.7
Minnesota	100.0	69.9	56.6	57.0	33.5	54.1	57.6	91.7	65.4
Mississippi	†	58.3	41.5	35.5	25.6	40.6	65.3	100.0	59.6
Missouri	98.3	57.1	37.4	33.0	20.0	36.9	56.6	78.3	51.8
Montana	70.9	50.3	31.6	33.5	16.5	32.3	38.8	53.9	40.6
Nebraska	90.9	54.4	44.0	45.5	29.9	43.7	44.7	80.7	54.2

State	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Women	Total
Nevada	84.5	56.3	45.0	36.6	33.6	42.8	39.2	74.7	52.5
New Hampshire	55.4	62.1	52.7	33.7	18.3	40.1	31.8	44.2	42.3
New Jersey	93.1	57.9	44.8	45.0	33.0	45.6	52.3	84.0	56.8
New Mexico	73.6	51.4	34.2	39.8	19.0	36.2	41.2	66.8	45.7
New York	92.6	68.7	48.8	46.6	29.1	48.4	51.5	85.3	59.1
North Carolina	96.7	58.8	48.4	40.3	23.7	43.0	56.5	86.4	56.4
North Dakota	84.7	95.0	39.8	56.8	27.4	50.8	44.2	69.7	57.7
Ohio	†	46.7	34.5	33.0	24.7	34.9	53.8	71.5	51.9
Oklahoma	95.7	57.0	43.9	38.1	25.6	41.1	61.9	72.5	54.0
Oregon	84.7	69.1	51.6	47.2	36.3	50.7	51.0	75.9	58.4
Pennsylvania	100.0	59.5	43.8	37.3	23.3	41.1	55.3	74.3	53.9
Rhode Island	100.0	56.6	56.1	46.8	37.9	50.3	62.0	87.6	63.3
South Carolina	95.1	53.0	32.0	27.6	10.9	31.3	53.0	77.8	46.7
South Dakota	85.1	63.7	64.7	33.5	23.1	44.4	42.9	68.2	53.0
Tennessee	97.8	44.2	31.7	33.2	15.6	31.5	60.1	75.6	47.8
Texas	92.0	65.8	44.1	41.1	20.2	43.4	49.7	97.7	57.1
Utah	67.0	46.0	34.5	31.8	25.7	35.2	36.1	59.7	42.8
Vermont	100.0	56.7	44.2	49.3	36.5	46.8	64.4	95.3	58.4
Virginia	87.8	41.7	36.5	35.6	19.8	33.6	49.0	68.3	46.4
Washington	75.0	61.4	48.8	49.9	38.3	49.7	47.2	66.5	55.3
West Virginia	93.7	61.9	42.9	42.5	26.6	42.9	52.6	81.9	55.6
Wisconsin	90.0	64.7	45.9	40.9	27.8	45.5	45.5	75.5	55.0
Wyoming	86.6	64.9	36.2	27.3	26.0	37.1	47.9	75.3	48.4

State	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Women	Total
FNS Region									
Northeast	92.2	68.0	49.2	45.9	29.0	48.2	52.8	81.0	58.5
Mid-Atlantic	97.6	64.5	49.1	46.2	25.7	46.6	57.4	79.1	58.1
Southeast	96.4	56.5	41.8	37.4	22.3	39.8	55.5	84.8	53.8
Midwest	100.0	54.4	41.8	39.4	23.3	40.1	53.4	78.2	53.8
Southwest	93.3	61.6	42.2	38.7	20.8	41.3	51.9	91.7	55.4
Mountain Plains	84.0	55.2	38.7	35.3	21.9	38.0	46.5	71.5	48.9
Western	88.6	66.3	51.9	50.9	39.4	52.2	51.5	80.3	60.6
Total	93.9	60.7	45.1	42.2	26.7	44.0	53.0	82.1	56.0

Note: Estimates of State-level coverage rates by year of age for children and other participant categories should be viewed with caution because of the small sample sizes for many States. See chapter 6 in volume I for more details on statistical uncertainty for these estimates. State and regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC. Estimates for Puerto Rico and other U.S. territories are included in the total but not shown separately because of small sample sizes. The estimated coverage rates exceeded 100 percent for infants in Alabama, Arkansas, Connecticut, Iowa, Maryland, Michigan, Minnesota, Pennsylvania, Rhode Island, Vermont, and in the Midwest region; and for postpartum women in Maryland and Mississippi. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020, n.d.a; Thorn et al., 2018; unpublished internal WIC administrative data

Table F.3-2016. WIC Coverage Rates by State and Participant Category

State	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Women	Total
Alabama	100.0	62.5	49.1	39.6	29.4	45.2	70.6	81.7	60.4
Alaska	67.4	58.5	40.9	37.8	30.2	42.2	44.4	54.4	48.1
Arizona	98.9	57.9	44.2	39.1	23.0	41.5	47.4	86.4	54.3
Arkansas	100.0	57.4	34.5	32.6	21.0	36.6	60.8	81.2	53.1
California	100.0	72.1	62.1	58.0	46.6	59.7	67.1	99.3	70.8
Colorado	79.8	57.9	39.4	31.5	19.9	36.4	45.9	71.7	47.3
Connecticut	100.0	63.3	36.6	37.8	24.4	40.1	65.1	62.6	52.8
Delaware	100.0	61.5	42.6	47.6	17.0	42.0	60.2	72.8	56.3
District of Columbia	100.0	64.8	44.4	27.5	13.7	36.5	55.1	100.0	56.9
Florida	95.9	65.6	50.5	39.6	24.3	45.3	56.6	85.0	58.0
Georgia	77.0	56.8	46.2	40.6	23.6	42.0	37.1	93.9	51.9
Hawaii	96.1	53.1	48.3	41.2	39.5	45.7	54.1	83.9	57.7
Idaho	73.9	58.5	44.9	35.3	18.4	39.8	42.8	63.3	47.9
Illinois	96.2	45.9	36.8	33.4	22.6	34.8	51.3	72.2	48.7
Indiana	98.3	62.6	54.9	37.7	17.0	43.2	50.6	85.8	56.1
Iowa	75.4	67.4	48.4	36.4	23.3	44.1	39.4	67.3	51.5
Kansas	100.0	64.7	58.1	39.6	17.5	43.1	60.7	82.4	56.6
Kentucky	100.0	59.6	46.3	39.1	30.6	44.1	62.9	78.1	57.9
Louisiana	100.0	55.8	38.1	33.1	22.2	37.6	61.3	90.0	55.5
Maine	100.0	58.8	55.3	38.7	31.3	45.6	60.1	84.9	58.3
Maryland	†	71.1	67.5	54.6	30.9	56.2	81.4	100.0	73.4
Massachusetts	93.3	70.1	56.2	50.6	25.7	50.1	57.3	81.5	60.0
Michigan	100.0	67.6	53.2	53.6	22.5	50.0	61.7	71.1	60.9
Minnesota	96.7	68.8	59.3	58.1	38.2	56.6	55.7	85.8	65.9
Mississippi	100.0	54.0	39.8	41.6	23.7	40.3	53.3	82.9	55.6
Missouri	100.0	60.4	45.3	34.3	22.9	41.0	58.0	79.8	55.7
Montana	75.8	39.0	33.4	29.3	24.1	32.3	43.3	58.7	42.0
Nebraska	99.1	61.1	43.7	42.6	33.0	45.4	51.7	85.8	57.3

State	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Women	Total
Nevada	100.0	58.7	45.2	40.0	37.2	45.4	53.0	96.8	59.4
New Hampshire	87.0	52.7	51.9	40.2	23.7	42.8	49.2	67.9	52.1
New Jersey	87.1	68.1	48.3	42.8	34.6	48.5	50.1	78.2	57.7
New Mexico	83.7	52.4	39.9	33.1	20.3	36.8	47.2	76.0	48.2
New York	92.2	71.8	51.8	48.1	30.1	50.5	53.2	84.0	60.7
North Carolina	98.6	57.5	51.6	43.8	25.3	45.0	57.6	87.2	58.3
North Dakota	82.5	84.9	65.5	33.6	24.1	47.9	44.6	68.9	55.5
Ohio	†	49.0	39.1	34.7	26.1	37.5	58.4	76.2	55.5
Oklahoma	100.0	53.0	55.6	40.8	28.8	44.7	71.4	86.0	60.0
Oregon	90.7	60.9	55.0	53.7	38.2	52.1	57.2	79.7	61.3
Pennsylvania	100.0	63.7	45.9	40.4	22.2	42.7	59.1	73.3	56.1
Rhode Island	100.0	70.2	57.8	60.9	28.8	53.8	66.8	89.0	67.3
South Carolina	100.0	56.0	31.8	31.1	12.7	33.8	57.6	81.7	49.9
South Dakota	77.0	64.7	50.8	45.1	28.1	48.2	39.1	64.5	53.9
Tennessee	89.3	45.0	34.5	33.6	15.6	32.5	55.6	69.5	47.0
Texas	100.0	69.3	47.2	43.6	21.2	45.9	57.2	100.0	61.7
Utah	62.6	48.1	41.5	34.3	22.4	37.0	34.7	56.2	43.2
Vermont	63.9	82.1	72.2	61.8	47.4	65.9	39.2	58.2	61.1
Virginia	92.7	51.0	44.2	36.2	23.6	38.9	52.1	72.4	51.9
Washington	85.5	63.4	51.4	52.9	39.0	51.8	56.8	77.4	59.9
West Virginia	90.7	58.8	48.2	40.4	26.3	43.0	53.2	78.9	55.1
Wisconsin	87.6	66.0	40.9	42.1	23.9	43.1	45.4	73.9	52.9
Wyoming	100.0	68.7	53.9	45.5	23.4	45.9	53.9	90.9	59.6

State	Infants	1-Year-Old Children	2-Year-Old Children	3-Year-Old Children	4-Year-Old Children	All Children	Pregnant Women	Postpartum Women	Total
FNS Region									
Northeast	93.3	70.0	51.6	47.6	28.9	49.5	54.9	81.2	59.8
Mid-Atlantic	100.0	70.7	53.8	47.9	26.5	49.6	61.1	81.8	61.5
Southeast	94.3	58.6	45.6	39.1	23.4	42.0	54.7	84.1	55.2
Midwest	100.0	57.3	45.5	41.6	24.0	42.4	54.8	76.3	55.7
Southwest	100.0	64.5	45.5	40.8	21.9	43.7	58.6	100.0	59.5
Mountain Plains	85.5	59.1	45.4	35.5	22.5	40.6	47.7	71.9	51.4
Western	100.0	67.3	56.7	53.0	41.2	54.7	61.0	91.7	65.4
Total	98.0	63.5	49.3	44.1	27.8	46.4	56.8	85.6	58.9

Note: Estimates of State-level coverage rates by year of age for children and other participant categories should be viewed with caution because of the small sample sizes for many States. See chapter 6 in volume I for more details on statistical uncertainty for these estimates. State and regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC. Estimates for Puerto Rico and other U.S. territories are included in the total but not shown separately because of small sample sizes. The estimated coverage rates exceeded 100 percent for infants in Alabama, Arkansas, California, Connecticut, Delaware, District of Columbia, Kansas, Kentucky, Louisiana, Maine, Michigan, Mississippi, Missouri, Nevada, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Texas, Wyoming, and in the Mid-Atlantic, Midwest, Southwest, and Western regions; and for postpartum women in the District of Columbia, Maryland, and Texas. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a, n.d.c; Thorn et al., 2018; unpublished internal WIC administrative data

Table F.4. WIC Coverage Rates by Participant Category: CY 2005–CY 2018

Participant Category	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
All Participants	56.5	58.1	60.6	62.4	62.9	61.6	63.5	63.2	59.3	54.8	52.7	58.9	56.0	56.9
Infants	80.3	82.2	88.5	91.1	90.5	86.3	88.5	89.8	84.6	80.0	76.9	98.0	93.9	97.8
Children	47.4	48.6	49.8	51.7	53.1	53.2	54.8	53.9	50.5	46.0	44.4	46.4	44.0	44.2
1-year-old children	62.0	65.8	67.9	72.0	75.4	76.5	73.6	76.1	70.0	68.2	62.8	63.5	60.7	61.4
2-year-old children	49.0	50.2	51.3	54.2	54.0	55.7	59.5	54.9	51.6	48.1	47.0	49.3	45.1	48.4
3-year-old children	45.1	44.5	44.7	46.0	46.5	46.8	50.7	49.5	48.0	42.2	41.8	44.1	42.2	40.7
4-year-old children	32.0	32.7	33.9	33.4	35.2	34.5	35.1	35.5	32.6	25.9	26.3	27.8	26.7	26.5
Pregnant women	52.4	54.1	56.5	58.1	59.0	56.8	57.9	59.0	54.0	50.2	46.4	56.8	53.0	53.3
Postpartum women	70.8	72.9	77.7	80.3	80.5	76.3	79.3	81.6	76.6	72.6	69.2	85.6	82.1	84.4
Breastfeeding women	61.4	62.1	64.1	67.2	68.4	64.4	65.1	67.5	63.3	59.5	57.4	68.8	66.6	68.7
Non-breastfeeding women	81.3	85.8	95.3	97.4	95.8	91.4	99.4	100.0	97.2	94.1	88.9	†	†	†

Note: Coverage rate estimates for 2016–2018 differ methodologically from earlier estimates because of changes to the underlying data sources. Comparisons between the 2016–2018 estimates and prior estimates should be interpreted with caution. See chapter 2 in volume I for more information. The estimated coverage rate for postpartum non-breastfeeding women exceeded 100 percent in 2012. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; CY = calendar year

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent

Sources: IPUMS-USA, n.d.; NBER, n.d.; Thorn et al., 2018; Kline et al., 2020; U.S. Census Bureau, 2019a, 2020, n.d.a; unpublished WIC administrative data

Table F.5. Coverage Rates by FNS Region and Participant Category: CY 2005–CY 2018

FNS Region	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
All Participants														
Total	56.5	58.1	60.6	62.4	62.9	61.6	63.5	63.2	59.3	54.8	52.7	58.9	56.0	56.9
Northeast	61.4	62.1	64.3	65.4	65.0	61.7	63.4	63.9	58.9	53.7	52.8	59.8	58.5	60.2
Mid-Atlantic	58.1	60.8	62.9	64.8	64.0	62.5	65.4	64.4	61.1	56.6	54.6	61.5	58.1	57.6
Southeast	51.9	53.3	57.4	59.6	59.2	57.6	59.2	59.0	55.0	50.4	50.0	55.2	53.8	54.4
Midwest	54.4	57.2	59.4	60.1	58.7	56.7	57.5	59.6	55.9	51.5	49.2	55.7	53.8	56.4
Southwest	55.3	54.7	56.4	58.9	63.2	63.1	64.1	62.5	59.3	55.9	53.1	59.5	55.4	53.8
Mountain Plains	48.1	49.4	50.7	54.2	53.8	52.8	53.5	54.1	49.8	45.5	43.5	51.4	48.9	51.8
Western	63.3	66.3	68.9	69.8	71.2	70.8	74.4	72.7	68.5	64.0	60.1	65.4	60.6	62.3
Infants														
Total	80.3	82.2	88.5	91.1	90.5	86.3	88.5	89.8	84.6	80.0	76.9	98.0	93.9	97.8
Northeast	88.0	88.7	94.4	96.4	93.4	86.1	86.2	91.0	82.3	75.8	74.9	93.3	92.2	97.5
Mid-Atlantic	82.8	85.5	91.6	94.4	88.3	87.5	90.2	90.6	86.1	82.1	79.0	100.0	97.6	97.6
Southeast	78.0	79.0	88.0	91.2	88.4	84.1	87.6	88.4	84.4	77.7	76.2	94.3	96.4	100.0
Midwest	83.0	86.7	92.5	91.7	88.3	84.8	84.3	89.5	85.2	79.1	77.0	100.0	100.0	100.0
Southwest	77.6	78.2	81.7	87.1	91.8	88.6	89.5	91.8	86.7	85.2	80.3	100.0	93.3	95.2
Mountain Plains	69.7	70.0	75.6	79.6	80.6	79.1	79.9	80.9	72.6	67.6	64.5	85.5	84.0	90.7
Western	82.1	85.7	92.4	94.2	97.0	89.9	95.0	92.1	87.2	84.8	79.5	100.0	88.6	93.1
Children														
Total	47.4	48.6	49.8	51.7	53.1	53.2	54.8	53.9	50.5	46.0	44.4	46.4	44.0	44.2
Northeast	51.3	51.5	52.5	53.7	54.8	53.3	55.6	54.6	51.4	46.3	46.1	49.5	48.2	48.9
Mid-Atlantic	49.3	51.9	52.0	53.7	55.4	54.2	57.1	55.6	53.0	48.5	47.2	49.6	46.6	45.8
Southeast	41.1	42.3	44.5	47.2	48.4	48.0	48.9	48.2	44.2	40.0	40.1	42.0	39.8	39.6
Midwest	44.0	45.9	47.2	48.9	48.8	47.6	48.7	49.6	46.3	42.5	40.3	42.4	40.1	42.3
Southwest	46.6	45.1	46.2	48.0	51.9	52.7	53.4	50.3	47.5	43.7	41.5	43.7	41.3	38.9
Mountain Plains	39.9	41.4	41.7	45.6	45.2	44.5	45.1	44.9	41.7	37.8	36.4	40.6	38.0	40.0
Western	56.8	59.5	60.4	61.4	62.8	65.5	68.6	67.3	63.6	57.9	54.4	54.7	52.2	53.4

FNS Region	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Pregnant Women														
Total	52.4	54.1	56.5	58.1	59.0	56.8	57.9	59.0	54.0	50.2	46.4	56.8	53.0	53.3
Northeast	57.4	58.7	60.8	61.2	60.7	56.1	55.4	58.8	50.7	47.0	45.1	54.9	52.8	53.7
Mid-Atlantic	52.0	54.3	56.9	59.6	56.9	55.8	56.5	56.0	53.2	49.8	49.4	61.1	57.4	55.1
Southeast	49.8	50.7	53.8	55.8	55.3	54.6	55.7	56.8	53.1	47.9	45.0	54.7	55.5	56.7
Midwest	52.0	55.0	57.3	57.1	57.8	55.3	54.7	58.5	53.7	49.0	44.2	54.8	53.4	52.7
Southwest	51.2	51.9	52.7	57.1	61.0	58.8	59.5	61.6	56.3	53.6	48.1	58.6	51.9	50.2
Mountain Plains	46.0	43.7	45.7	48.0	50.2	47.8	49.8	50.9	44.2	41.0	37.3	47.7	46.5	48.8
Western	56.7	60.3	63.7	63.6	66.1	62.8	66.5	64.3	59.0	56.3	50.5	61.0	51.5	53.1
Postpartum Women														
Total	70.8	72.9	77.7	80.3	80.5	76.3	79.3	81.6	76.6	72.6	69.2	85.6	82.1	84.4
Northeast	79.0	80.6	85.5	86.3	85.3	76.6	78.1	83.2	74.6	69.7	64.6	81.2	81.0	86.2
Mid-Atlantic	73.7	75.9	85.2	90.5	83.8	79.6	84.0	83.8	77.6	73.8	65.0	81.8	79.1	80.1
Southeast	71.0	72.0	79.6	83.4	81.0	74.7	78.8	81.0	77.5	72.0	70.8	84.1	84.8	84.1
Midwest	67.6	72.2	75.7	75.6	71.6	67.8	68.9	73.2	69.2	63.7	63.1	76.3	78.2	81.6
Southwest	70.1	70.8	72.6	77.4	86.9	86.5	89.6	92.3	88.9	86.0	81.9	100.0	91.7	93.6
Mountain Plains	58.9	62.2	63.4	66.0	63.5	64.4	65.6	71.8	64.8	58.8	55.6	71.9	71.5	76.9
Western	72.9	75.2	80.1	81.5	84.5	78.7	82.8	81.6	76.8	75.6	71.9	91.7	80.3	83.6

Note: Estimates for 2016–2018 differ methodologically from earlier estimates because of changes to the underlying data sources. Comparisons between the 2016–2018 estimates and prior estimates should be interpreted with caution. See chapter 2 in volume I for more information. The estimated coverage rate exceeded 100 percent for infants in Mid-Atlantic, Midwest, Southwest, and Western regions in 2016; in Midwest region in 2017; and in Southeast and Midwest regions in 2018. The estimated coverage rate exceeded 100 percent for postpartum women in the Southwest region in 2016. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; CY = calendar year

Sources: IPUMS-USA, n.d.; NBER, n.d.; Thorn et al., 2018; Kline et al., 2020; U.S. Census Bureau, 2019a, 2020, n.d.a; unpublished WIC administrative data

Table F.6-2018. WIC Eligibility, Participants, and Coverage Rates by Participant Category and by Race and Ethnicity

Participant Category	Non-Hispanic White-Only	Non-Hispanic Black-Only and Other ^a	Hispanic/Latino	Total
Number Eligible				
Infants	560,919	495,929	663,580	1,720,428
Children	2,720,740	2,227,287	2,857,700	7,805,726
Pregnant women	368,038	328,350	438,296	1,134,683
Postpartum women	387,478	331,196	456,539	1,175,214
Total	4,037,175	3,382,762	4,416,115	11,836,051
Number Participating				
Infants	503,681	542,357	637,611	1,683,649
Children	956,701	979,432	1,513,880	3,450,013
Pregnant women	207,233	168,478	229,340	605,051
Postpartum women	314,129	291,476	386,810	992,415
Total	1,981,744	1,981,743	2,767,641	6,731,128
Coverage Rate				
Infants	89.8*	†	96.1	97.9
Children	35.2*	44.0	53.0*	44.2
Pregnant women	56.3	51.3	52.3	53.3
Postpartum women	81.1	88.0	84.7	84.4
Total	49.1*	58.6*	62.7*	56.9

Note: Estimates for U.S. territories other than Puerto Rico are not included in the calculation of the coverage rates in this table because information on race and ethnicity was not available for the other U.S. territories in the data.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement

* indicates a statistically significant difference at the 95-percent confidence level between the coverage rate for a participant category's race/ethnicity and the national coverage rate for that category. The statistical significance testing was conducted based on the CPS-ASEC data, which included data only for States. It did not include data for Puerto Rico or the other U.S. territories served by WIC.

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent

^a The "Non-Hispanic Black-Only" and "Non-Hispanic Other" categories were combined because of sample size concerns.

Sources: IPUMS-USA, n.d.; NBER, n.d.; Kline et al., 2020; unpublished internal WIC administrative data

Table F.6-2017. WIC Eligibility, Participants, and Coverage Rates by Participant Category and by Race and Ethnicity

Participant Category	Non-Hispanic White-Only	Non-Hispanic Black-Only and Other ^a	Hispanic/Latino	Total
Number Eligible				
Infants	669,116	493,449	714,384	1,876,949
Children	2,997,441	2,459,937	2,945,073	8,402,451
Pregnant women	439,029	326,362	471,853	1,237,243
Postpartum women	462,220	329,731	491,479	1,283,430
Total	4,567,806	3,609,479	4,622,788	12,800,073
Number Participating				
Infants	549,643	542,075	672,046	1,763,764
Children	1,041,920	1,021,012	1,628,044	3,690,976
Pregnant women	230,443	175,874	250,462	656,780
Postpartum women	346,263	294,798	412,610	1,053,671
Total	2,168,268	2,033,759	2,963,163	7,165,190
Coverage Rate				
Infants	82.1*	†	94.1	94.0
Children	34.8*	41.5*	55.3*	43.9
Pregnant women	52.5	53.9	53.1	53.1
Postpartum women	74.9*	89.4*	84.0	82.1
Total	47.5*	56.3	64.1*	56.0

Note: Estimates for U.S. territories other than Puerto Rico are not included in the calculation of the coverage rates in this table because information on race and ethnicity was not available for the other U.S. territories in the data.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement

* indicates a statistically significant difference at the 95-percent confidence level between the coverage rate for a participant category's race/ethnicity and the national coverage rate for that category. The statistical significance testing was conducted based on the CPS-ASEC data, which included data only for States. It did not include data for Puerto Rico or the other U.S. territories served by WIC.

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent

^a The "Non-Hispanic Black-Only" and "Non-Hispanic Other" categories were combined because of sample size concerns.

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020; Thorn et al., 2018; unpublished internal WIC administrative data

Table F.6-2016. WIC Eligibility, Participants, and Coverage Rates by Participant Category and by Race and Ethnicity

Participant Category	Non-Hispanic White-Only	Non-Hispanic Black-Only and Other ^a	Hispanic/Latino	Total
Number Eligible				
Infants	747,836	520,642	617,397	1,885,874
Children	3,059,723	2,386,188	2,990,832	8,436,743
Pregnant women	490,680	344,469	407,792	1,242,941
Postpartum women	516,602	347,836	424,741	1,289,179
Total	4,814,841	3,599,134	4,440,761	12,854,736
Number Participating				
Infants	574,649	565,447	709,342	1,849,438
Children	1,097,108	1,081,021	1,736,333	3,914,462
Pregnant women	245,791	187,432	273,042	706,264
Postpartum women	361,115	308,295	434,000	1,103,410
Total	2,278,663	2,142,195	3,152,716	7,573,574
Coverage Rate				
Infants	76.8*	†	†	98.1
Children	35.9*	45.3	58.1*	46.4
Pregnant women	50.1*	54.4	67.0*	56.8
Postpartum women	69.9*	88.6	100.0	85.6
Total	47.3*	59.5	71.0*	58.9

Note: Estimates for U.S. territories other than Puerto Rico are not included in the calculation of the coverage rates in this table because information on race and ethnicity was not available for the other U.S. territories in the data. Estimates for Puerto Rico are included in totals. The estimated coverage rate exceeded 100 percent for Hispanic/Latino postpartum women. However, the lower bound of the 95-percent confidence interval for this rate is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement

* indicates a statistically significant difference at the 95-percent confidence level between the coverage rate for a participant category's race/ethnicity and the national coverage rate for that category. The statistical significance testing was conducted based on the CPS-ASEC data, which included data only for States. It did not include data for Puerto Rico or the other U.S. territories served by WIC.

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent

^a The "Non-Hispanic Black-Only" and "Non-Hispanic Other" categories were combined because of sample size concerns.

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a; Thorn et al., 2018; unpublished internal WIC administrative data

Table F.7-2018. State-Level WIC Coverage Rates by Race and Ethnicity

State	Non-Hispanic White-Only	Non-Hispanic Black-Only and Other ^a	Hispanic/Latino	Total
Alabama	53.7*	60.6	70.8	58.8
Alaska	36.0*	71.4*	100.0	57.3
Arizona	46.9	74.0*	48.4*	51.9*
Arkansas	55.8*	47.4*	51.8*	52.3*
California	41.6*	68.2*	72.1*	67.1*
Colorado	44.4	57.1	53.2*	50.4*
Connecticut	34.5*	55.5	56.8*	50.1*
Delaware	43.2	49.0	57.7	49.4*
District of Columbia	23.4*	39.9*	74.8	44.6*
Florida	45.5*	59.9	64.2	57.4
Georgia	46.3	51.1*	49.2*	49.3*
Hawaii	35.1*	67.5*	48.1*	57.4
Idaho	43.2*	74.8	50.6*	47.1*
Illinois	42.8*	47.3*	52.0*	47.5*
Indiana	57.7*	67.4*	53.9*	59.4
Iowa	52.5	77.2*	71.5	60.3
Kansas	42.8*	45.9*	54.5*	46.9*
Kentucky	60.5*	55.1	50.0*	58.4
Louisiana	47.7	51.2*	46.9*	49.5*
Maine	55.9	100.0	†	63.0
Maryland	45.2	68.0*	80.1*	65.8*
Massachusetts	54.5	61.0	75.5*	64.4*
Michigan	59.8*	65.6*	78.2*	64.0*
Minnesota	53.9	76.1*	79.5*	66.3*
Mississippi	58.5*	61.0	96.9*	61.6*
Missouri	53.2	54.7	53.4*	53.7*
Montana	39.7*	66.8	44.1	45.7*
Nebraska	44.2	72.7	59.6	54.4
Nevada	54.9	55.6	50.5*	52.8*
New Hampshire	43.6	41.7	48.1	44.1*
New Jersey	47.0	52.9*	64.6	57.0
New Mexico	30.3*	49.1*	46.4*	43.9*
New York	50.4	73.9*	59.6	60.9*
North Carolina	57.8*	54.7	57.9	56.6
North Dakota	36.0*	84.3	56.2	51.9
Ohio	49.6	57.3	56.5	53.0*
Oklahoma	54.4*	65.1	57.9	58.9
Oregon	62.8*	59.5	65.4	63.3*
Pennsylvania	50.6	61.1	58.3	55.4
Rhode Island	45.1	69.4	61.8	57.4
South Carolina	46.4	46.3*	54.8	47.3*

State	Non-Hispanic White-Only	Non-Hispanic Black-Only and Other ^a	Hispanic/Latino	Total
South Dakota	42.5	79.8	65.1	58.9
Tennessee	50.5	38.9*	48.3*	46.1*
Texas	38.6*	51.4*	60.0	54.8
Utah	36.9*	39.4*	67.1	45.2*
Vermont	73.0*	74.8	†	75.1*
Virginia	42.4*	47.6	54.5*	47.3*
Washington	47.4	64.5	61.1	55.9
West Virginia	52.5	59.4	†	54.3
Wisconsin	47.1	74.3*	59.6	57.3
Wyoming	53.7	66.4	52.6	54.7
Total	49.1	58.6	62.7	56.9

Note: Estimates for Puerto Rico are included in the totals but not shown separately because of small sample sizes. Estimates for U.S. territories other than Puerto Rico are not included in the calculation of the coverage rates in this table because information on race and ethnicity was not available for the other U.S. territories in the data. The estimated coverage rate exceeded 100 percent for non-Hispanic Black-only individuals and non-Hispanic individuals who did not self-identify as Black only or White only in Maine and Hispanic/Latino individuals in Alaska. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement

* indicates a statistically significant difference at the 95-percent confidence level between the coverage rate for a State's race/ethnicity and the national coverage rate for that category

† indicates an unreliable coverage rate over 100 percent with the lower bound of a 95-percent confidence interval above 100 percent or an unreliable coverage rate with the lower bound of a 95-percent confidence interval below 0 percent and the upper bound above 100 percent

^a The "Non-Hispanic Black-Only" and "Non-Hispanic Other" categories were combined because of sample size concerns.

Sources: IPUMS-USA, n.d.; NBER, n.d.; Kline et al., 2020; unpublished internal WIC administrative data

Table F.7-2017. State-Level WIC Coverage Rates by Race and Ethnicity

State	Non-Hispanic White-Only	Non-Hispanic Black-Only and Other ^a	Hispanic/Latino	Total
Alabama	49.9	60.5	85.2*	57.8
Alaska	32.6*	52.4	44.5	43.5*
Arizona	44.0	53.9	51.1*	49.9*
Arkansas	56.9*	49.0*	53.4*	53.8
California	40.8*	61.9*	72.4*	65.9*
Colorado	36.1*	43.0*	53.0*	44.8*
Connecticut	37.1*	55.7	62.7	53.0
Delaware	40.5	49.5	54.6	47.8*
District of Columbia	18.4*	47.0*	62.2	48.6*
Florida	45.2	59.6	60.6	55.7
Georgia	48.8	52.4*	49.5*	50.7*
Hawaii	43.5	49.1*	41.4*	46.8*
Idaho	44.1	55.6	52.0*	47.1*
Illinois	38.7*	44.1*	54.9*	45.7*
Indiana	49.6	59.3	66.7	54.4
Iowa	53.0*	53.6	78.6	56.9
Kansas	42.3*	44.2*	53.5*	46.0*
Kentucky	59.0*	44.4*	53.6*	55.3
Louisiana	48.9	51.7*	55.6	51.0*
Maine	60.5*	52.6	32.3*	57.3
Maryland	54.9	73.2*	75.6*	69.8*
Massachusetts	55.1*	57.0	69.4	60.9*
Michigan	53.5*	67.3*	69.3	59.7*
Minnesota	52.4	77.1*	81.6*	65.4*
Mississippi	57.8*	60.0	65.6	59.6*
Missouri	52.9*	49.1*	53.8	51.8*
Montana	37.7*	52.2	31.8*	40.6*
Nebraska	45.9	52.0	70.5	54.2
Nevada	57.6*	46.7*	53.4*	52.5
New Hampshire	41.2	44.4	47.0	42.3*
New Jersey	42.2*	53.3	68.1	56.8
New Mexico	35.5*	36.5*	50.9*	45.7*
New York	49.0	67.2*	61.3	59.1*
North Carolina	52.4*	53.9	65.9	56.4
North Dakota	44.1	78.7*	69.1	57.7
Ohio	49.1	58.7	46.0*	51.9*
Oklahoma	49.7	56.6	58.4	54.0
Oregon	58.5*	46.3*	63.3	58.4
Pennsylvania	47.7	59.3	62.5	53.9
Rhode Island	61.6	71.1	61.3	63.3*
South Carolina	43.0*	49.6*	47.6*	46.7*

State	Non-Hispanic White-Only	Non-Hispanic Black-Only and Other ^a	Hispanic/Latino	Total
South Dakota	40.6	78.5*	38.1*	53.0
Tennessee	48.3	45.4*	51.3*	47.8*
Texas	40.0*	53.5	63.1	57.1
Utah	37.5*	34.4*	57.0	42.8*
Vermont	58.2*	66.3	41.4	58.4
Virginia	42.6*	46.0*	53.5*	46.4*
Washington	44.3	55.5	72.1*	55.3
West Virginia	55.3*	53.4	75.6	55.6
Wisconsin	44.5	67.3*	64.9	55.0
Wyoming	43.7	47.7	67.6	48.4
Total	47.5	56.3	64.1	56.0

Note: Estimates for Puerto Rico are included in the totals but not shown separately because of small sample sizes. Estimates for U.S. territories other than Puerto Rico are not included in the calculation of the coverage rates in this table because information on race and ethnicity was not available for the other U.S. territories in the data.

* indicates a statistically significant difference at the 95-percent confidence level between the coverage rate for a State's race/ethnicity and the national coverage rate for that category

^a The "Non-Hispanic Black-Only" and "Non-Hispanic Other" categories were combined because of sample size concerns.

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020; Thorn et al., 2018; unpublished internal WIC administrative data

Table F.7-2016. State-Level WIC Coverage Rates by Race and Ethnicity

State	Non-Hispanic White-Only	Non-Hispanic Black-Only and Other ^a	Hispanic/Latino	Total
Alabama	55.2*	62.8	71.1	60.4
Alaska	37.1	60.6	37.0*	48.1*
Arizona	45.2	65.4	55.2*	54.3*
Arkansas	51.7*	50.4*	64.6	53.1*
California	39.3*	63.7	80.7*	70.8*
Colorado	38.2*	42.4*	57.4*	47.3*
Connecticut	37.3*	51.1	65.4	52.8*
Delaware	47.9	57.5	65.3	56.3
District of Columbia	34.9	53.6	73.9	56.9
Florida	43.2*	62.3	68.0	58.0
Georgia	44.9	54.0*	59.1*	51.9*
Hawaii	48.1	68.3*	39.3*	57.7
Idaho	43.0*	59.2	57.6*	47.9*
Illinois	42.9*	47.9*	55.2*	48.7*
Indiana	51.8*	60.9	65.6	56.1
Iowa	45.3	62.0	65.8	51.5*
Kansas	50.1	54.9	69.8	56.6
Kentucky	59.8*	54.0	51.7*	57.9
Louisiana	50.6	58.0	60.9*	55.5*
Maine	57.0	61.4	82.1	58.3
Maryland	53.0	76.4*	87.1*	73.4*
Massachusetts	48.0	58.0	76.2	60.0
Michigan	55.3*	66.9*	70.4	60.9
Minnesota	49.7	81.4*	91.4*	65.9*
Mississippi	53.3*	55.0*	81.3	55.6*
Missouri	54.3*	57.7	59.3*	55.7
Montana	35.0*	68.7	47.8	42.0*
Nebraska	39.5*	78.2*	86.5*	57.3
Nevada	61.6*	50.5*	63.3*	59.4
New Hampshire	48.5	44.9	100.0	52.1
New Jersey	39.8*	55.0	71.9	57.7
New Mexico	36.6*	43.6*	52.3*	48.2*
New York	46.7	68.8*	67.7	60.7
North Carolina	50.2	55.9	76.2*	58.3
North Dakota	41.6	83.8*	54.6	55.5
Ohio	51.9*	61.0	58.6*	55.5*
Oklahoma	53.4*	62.5	69.3	60.0
Oregon	57.6*	53.8	71.0	61.3
Pennsylvania	47.3	66.5*	67.4	56.1
Rhode Island	56.6	62.7	80.1	67.3
South Carolina	43.4*	53.4*	59.6*	49.9*

State	Non-Hispanic White-Only	Non-Hispanic Black-Only and Other ^a	Hispanic/Latino	Total
South Dakota	42.8	74.0*	41.2*	53.9
Tennessee	47.1	43.0*	57.5*	47.0*
Texas	39.5*	55.2*	70.9	61.7*
Utah	36.3*	38.2*	60.7*	43.2*
Vermont	59.6	100.0	25.0*	61.1
Virginia	46.1	51.1*	64.3	51.9*
Washington	46.8	69.9*	73.8	59.9
West Virginia	57.4*	42.4*	52.6	55.1
Wisconsin	41.4*	63.4	69.7	52.9*
Wyoming	55.4	46.9	88.5	59.6
Total	47.3	59.5	71.0	58.9

Note: Estimates for Puerto Rico are included in the totals but not shown separately because of small sample sizes. Estimates for U.S. territories other than Puerto Rico are not included in the calculation of the coverage rates in this table because information on race and ethnicity was not available for the other U.S. territories in the data. The estimated coverage rate exceeded 100 percent for non-Hispanic Black-only individuals and non-Hispanic individuals who did not self-identify as Black only or White only in Vermont and Hispanic/Latino individuals in New Hampshire. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement

* indicates a statistically significant difference at the 95-percent confidence level between the coverage rate for a State's race/ethnicity and the national coverage rate for that category

^a The "Non-Hispanic Black-Only" and "Non-Hispanic Other" categories were combined because of sample size concerns.

Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a; Thorn et al., 2018; unpublished internal WIC administrative data

Table F.8-2018. WIC Eligibility, Participants, and Coverage Rates by FNS Region and Participant Category

FNS Region	Infants	Children	Pregnant Women	Postpartum Women	Total
Number Eligible					
Northeast	149,462	682,180	98,548	105,168	1,035,358
Mid-Atlantic	192,181	882,159	126,789	132,349	1,333,478
Southeast	371,393	1,704,501	245,061	245,724	2,566,679
Midwest	243,318	1,118,345	160,366	162,705	1,684,733
Southwest	289,989	1,274,908	191,390	192,213	1,948,500
Mountain Plains	122,813	568,933	80,861	86,036	858,643
Western	356,402	1,596,040	235,047	254,518	2,442,006
Total	1,725,558	7,827,066	1,138,061	1,178,712	11,869,397
Number Participating					
Northeast	145,655	333,666	52,961	90,693	622,975
Mid-Atlantic	187,630	404,051	69,864	105,950	767,495
Southeast	375,906	674,368	138,866	206,660	1,395,800
Midwest	258,903	473,229	84,551	132,830	949,513
Southwest	276,107	495,878	95,988	179,819	1,047,791
Mountain Plains	111,360	227,691	39,443	66,122	444,616
Western	331,748	851,566	124,700	212,706	1,520,720
Total	1,687,310	3,460,449	606,373	994,780	6,748,911
Coverage Rate					
Northeast	97.5	48.9*	53.7	86.2	60.2*
Mid-Atlantic	97.6	45.8	55.1	80.1	57.6
Southeast	100.0	39.6*	56.7	84.1	54.4*
Midwest	100.0*	42.3*	52.7	81.6	56.4
Southwest	95.2	38.9*	50.2	93.6*	53.8*
Mountain Plains	90.7	40.0*	48.8*	76.9*	51.8*
Western	93.1	53.4*	53.1	83.6	62.3*
Total	97.8	44.2	53.3	84.4	56.9

Note: The estimated coverage rate exceeded 100 percent for infants in the Southeast and Midwest regions. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates. Regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC and/or receiving WIC. Estimates for Puerto Rico are included in the Mid-Atlantic regional totals. As a result, the Mid-Atlantic regional coverage rates were excluded from significance testing. When Puerto Rico was excluded from the Mid-Atlantic region, the regional coverage rates were not statistically different from the national coverage rates at a 95-percent confidence level.

CPS-ASEC = Current Population Survey Annual Social and Economic Supplement; FNS = Food and Nutrition Service

* indicates a statistically significant difference between the regional coverage rate and the national coverage rate at the 95-percent confidence level

Sources: IPUMS-USA, n.d.; NBER, n.d.; U.S. Census Bureau, n.d.a; unpublished internal WIC administrative data

Table F.8-2017. WIC Eligibility, Participants, and Coverage Rates by FNS Region and Participant Category

FNS Region	Infants	Children	Pregnant Women	Postpartum Women	Total
Number Eligible					
Northeast	164,311	727,643	108,281	115,831	1,116,067
Mid-Atlantic	203,513	948,458	134,176	139,857	1,426,005
Southeast	395,329	1,816,838	260,693	261,768	2,734,628
Midwest	263,392	1,241,556	173,446	176,111	1,854,505
Southwest	317,685	1,347,724	209,575	210,892	2,085,876
Mountain Plains	138,275	626,586	91,012	96,881	952,754
Western	399,593	1,714,703	263,450	285,601	2,663,346
Total	1,882,098	8,423,507	1,240,634	1,286,942	12,833,181
Number Participating					
Northeast	151,551	350,419	57,132	93,859	652,961
Mid-Atlantic	198,603	442,318	77,066	110,627	828,615
Southeast	381,247	722,830	144,636	222,066	1,470,778
Midwest	269,866	497,899	92,546	137,704	998,015
Southwest	296,378	556,276	108,789	193,338	1,154,780
Mountain Plains	116,081	238,193	42,343	69,229	465,845
Western	353,889	894,257	135,620	229,318	1,613,084
Total	1,767,615	3,702,190	658,131	1,056,141	7,184,078
Coverage Rate					
Northeast	92.2	48.2*	52.8	81.0	58.5*
Mid-Atlantic	97.6	46.6	57.4	79.1	58.1
Southeast	96.4	39.8*	55.5	84.8	53.8*
Midwest	100.0*	40.1*	53.4	78.2	53.8*
Southwest	93.3	41.3*	51.9	91.7*	55.4
Mountain Plains	84.0*	38.0*	46.5*	71.5*	48.9*
Western	88.6	52.2*	51.5	80.3	60.6*
Total	93.9	44.0	53.0	82.1	56.0

Note: The estimated coverage rate exceeded 100 percent for infants in the Midwest region. However, the lower bound of the 95-percent confidence interval for this rate is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates. Regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC and/or receiving WIC. Estimates for Puerto Rico are included in the Mid-Atlantic regional totals. As a result, the Mid-Atlantic regional coverage rates were excluded from significance testing. When Puerto Rico was excluded from the Mid-Atlantic region, the regional coverage rates were not statistically different from the national coverage rates at a 95-percent confidence level.

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Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2020, n.d.a; unpublished internal WIC administrative data

Table F.8-2016. WIC Eligibility, Participants, and Coverage Rates by FNS Region and Participant Category

FNS Region	Infants	Children	Pregnant Women	Postpartum Women	Total
Number Eligible					
Northeast	168,789	743,581	111,229	119,088	1,142,687
Mid-Atlantic	207,019	949,003	136,473	142,343	1,434,838
Southeast	414,782	1,817,411	273,476	274,722	2,780,391
Midwest	276,666	1,231,593	182,217	185,116	1,875,593
Southwest	304,613	1,338,406	200,904	202,053	2,045,975
Mountain Plains	142,990	606,779	94,068	100,271	944,109
Western	376,093	1,771,586	247,916	269,048	2,664,644
Total	1,890,953	8,458,358	1,246,284	1,292,642	12,888,236
Number Participating					
Northeast	157,503	368,421	61,040	96,725	683,690
Mid-Atlantic	211,689	470,990	83,364	116,403	882,447
Southeast	390,961	763,961	149,600	231,146	1,535,667
Midwest	282,019	522,341	99,854	141,169	1,045,383
Southwest	312,523	585,269	117,807	202,043	1,217,641
Mountain Plains	122,204	246,375	44,907	72,086	485,571
Western	376,836	968,950	151,176	246,620	1,743,582
Total	1,853,735	3,926,307	707,748	1,106,191	7,593,981
Coverage Rate					
Northeast	93.3	49.5*	54.9	81.2	59.8
Mid-Atlantic	100.0	49.6	61.1	81.8	61.5
Southeast	94.3	42.0*	54.7	84.1	55.2*
Midwest	100.0	42.4*	54.8	76.3*	55.7*
Southwest	100.0	43.7*	58.6	100.0*	59.5
Mountain Plains	85.5*	40.6*	47.7*	71.9*	51.4*
Western	100.0	54.7*	61.0*	91.7	65.4*
Total	98.0	46.4	56.8	85.6	58.9

Note: The estimated coverage rate exceeded 100 percent for infants in the Mid-Atlantic, Midwest, Southwest, and Western regions. However, the lower bound of the 95-percent confidence interval for these rates is below 100 percent. See chapter 6 in volume I for more information on measures of statistical uncertainty for the eligibility estimates. Regional eligibility estimates and participant data include individuals in Indian Tribal Organizations who were eligible for WIC and/or receiving WIC. Estimates for Puerto Rico are included in the Mid-Atlantic regional totals. As a result, the Mid-Atlantic regional coverage rates were excluded from significance testing. When Puerto Rico was excluded from the Mid-Atlantic region, the regional coverage rates were not statistically different from the national coverage rates at a 95-percent confidence level.

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Sources: IPUMS-USA, n.d.; U.S. Census Bureau, 2019a, n.d.a; unpublished internal WIC administrative data