



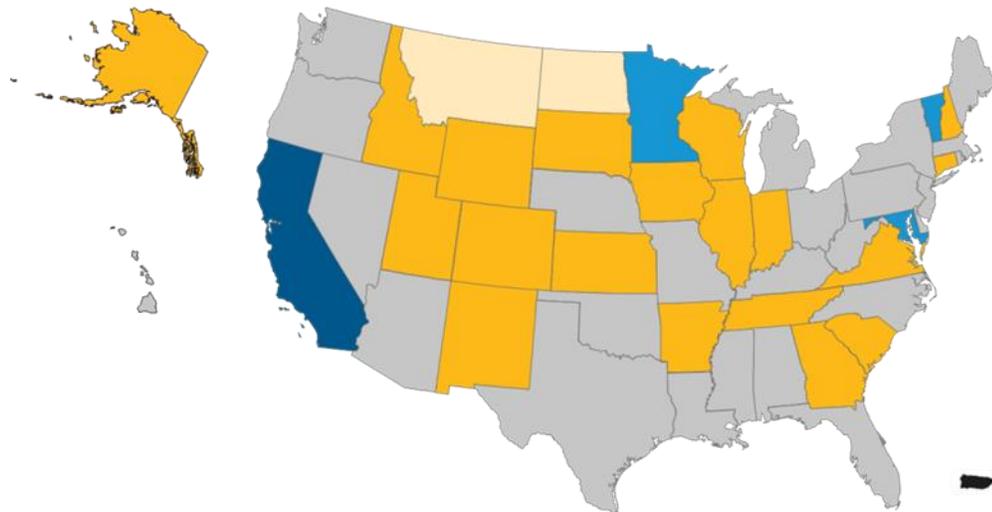
United States Department of Agriculture

Nutrition Assistance Program Report Series

Food and Nutrition Service, Office of Policy Support

Special Nutrition Programs

Report No. WIC-17-ELIG



Volume II

Appendices

National and State-Level Estimates of Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) Eligibles and Program Reach in 2014, and Updated Estimates for 2005-2013

September 2017

USDA is an equal opportunity provider, employer, and lender



**United States
Department of
Agriculture**

September 2017
Special Nutrition Programs
Report No. WIC-17-ELIG

Volume II
Appendices
**National and State-Level Estimates of Special
Supplemental Nutrition Program for Women, Infants, and
Children (WIC) Eligibles and Program Reach in 2014, and
Updated Estimates for 2005-2013**

Authors:

Paul Johnson, David Betson, Lorraine Blatt, and Linda Giannarelli

Submitted by:

The Urban Institute
2100 M Street, NW
Washington, DC 20037

Submitted to:

Office of Policy Support
Food and Nutrition Service
3101 Park Center Drive
Alexandria, VA 22302-1500

Project Director:

Linda Giannarelli

Project Officer:

Grant Lovellette

The opinions expressed reflect those of the authors and not necessarily those of the Urban Institute. This study was conducted under Contract numbers AG-3198-B-10-0016 and GS-23F-8198H with the Food and Nutrition Service. This report is available on the Food and Nutrition Service web site: <http://www.fns.usda.gov/research-and-analysis>.

Suggested Citation:

U.S. Department of Agriculture, Food and Nutrition Service, Office of Policy Support. *National and State-Level Estimates of Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) Eligibles and Program Reach in 2014, and Updated Estimates for 2005-2013*, by Paul Johnson, David Betson, Lorraine Blatt, and Linda Giannarelli. Project Officer: Grant Lovellette. Alexandria, VA: September 2017.

This page was left intentionally blank.

Acknowledgements

The authors gratefully acknowledge the guidance provided by numerous individuals at FNS and other organizations. Grant Lovellette, the FNS project officer, provided guidance throughout the project. Staff of the WIC Division of FNS have provided insights and review over the course of the project. Staff of the Centers for Disease Control supplied tabulations of breastfeeding rates from the National Immunization Survey; we owe particular thanks to CDC staff member Jian Chen. Our project officer, individuals in the WIC Division, and staff of the Economic Research Service all provided important comments on an earlier version of this report, improving its clarity and accuracy. Dr. Marianne Bitler served as expert advisor and provided valuable insights regarding what updates to the methods should be undertaken. We also thank Dr. Aaron Yelowitz for providing data on earlier adjustment-factor estimation, and we thank staff of Insight Policy Research for assistance related to the WIC Participant and Program Characteristics data.

At the Urban Institute, our colleague Joyce Morton conducted a portion of the complex programming needed to update adjustment factors. Finally, our work builds on the efforts of several former colleagues. Sheila Zedlewski directed the initial years of an earlier contract between the Urban Institute and FNS, under which the State and territory methods were developed, Michael Martinez-Schiferl developed the technical estimation framework, and Erika Huber contributed to the refinement of those methods. All errors and omissions remain the responsibility of the authors.

This page was left intentionally blank.

Contents

Appendix A. Detailed Information Related to National Estimates	A-1
Appendix B. Detailed Information Related to State Estimates	B-1
Appendix C. Coverage Rate Maps	C-1
Appendix D. Updated Methods and Results for WIC Eligibility, 2005-2013	D-1
Appendix E. Method for Calculating the Annual-to-Monthly Adjustment Factors Applied to Children	E-1
Appendix F. Steps in Determination of WIC Eligibility 2005-2013	F-1
Appendix G. Impact of Changes in Methods Related to Postpartum Eligibility	G-1
Appendix H. Data for the Figures in Volumes I and II	H-1

This page was left intentionally blank.

Appendix A Detailed Information Related to National Estimates

The tables in this appendix show various details related to the national-level estimates of WIC eligibility. These tables document the assumptions and calculations used to produce the estimates. The tables focus primarily on the 2014 estimates, but some information is also provided related to the re-estimation of eligibility for the years 2005 through 2013.

A description of each table is given below. Some of the tables provide the same information as in Volume 1; they are repeated here to provide a comprehensive record of the methods in this volume.

Several of these tables are particularly relevant to the changes in methods instituted for this year's work, as follows:

- Tables A.3a, A.3b, and A.3c show that the computation of the infant and child weight adjustments now varies by four subgroups instead of three. Specifically, there is now a separate weight adjustment computed for each gender and age for Hispanic children.
- Table A.4 shows the factors related to breastfeeding that are used to estimate postpartum eligibility. For this year's work (and the re-estimation of 2005-2013 eligibility) there are several changes in the computation of these factors. Most importantly, the National Immunization Survey (NIS) is now used to provide data on national-level breastfeeding rates.

CY 2014 National Estimates Appendix Tables

Tables A.1a and A.1b: Steps and Sources for Update to Estimates of WIC Eligibility for Infants, Young Children, Pregnant Women, and Postpartum Women, 2014

These tables document the data sources used and summarize the steps performed in producing national the eligibility estimates. (The focus is on the national estimates, but sources for the State estimates are also mentioned.)

Table A.2: Estimates of the Average Monthly Number of Individuals Eligible for WIC by Participant Group, 2014

This table shows the estimated average monthly number of WIC eligibles in the calendar year along with the total number of infants and children. Note that the number of non-eligible individuals is calculated as the difference between the total population and the

number of eligible individuals. These figures include people in the States, the District of Columbia, and the U.S. territories.

Table A.3a: Four-Year Accumulations of Census Estimates and CPS Estimates by Single-Year Age Groups, Race, and Gender, for Purpose of the 2014 Estimates

This table provides more detail related to the adjustment of sampling weights for infants and children in the CPS (as mentioned in the second row of Table A.1a). For each exact age (0, 1, 2, 3, and 4) and each of four racial/ethnic groups (white non-Hispanic, black non-Hispanic, other non-Hispanic, and Hispanic), the table shows the four-year accumulation of Census Bureau population estimates, the four-year accumulation of March CPS total weighted population, and the ratio of those two figures. That ratio is used as the weight adjustment, as long as the direction of the difference between the current year's Census Bureau population estimate and CPS weighted count (see Table A.3b) is the same as for the four-year accumulations (i.e., in both cases the Census figure is higher, or in both cases the Census figure is lower). If the direction of the difference is not the same for a particular group, no weight adjustment is performed (i.e., the weight adjustment factor is 1.0).

Table A.3b: Current Year Census Estimates and CPS Estimates by Single-Year Age Groups, Race and Gender, for Purposes of the 2014 Estimates

This table shows the current year's Census Bureau population estimates and CPS weighted population figures by single-year age groups, race, and gender, and the ratio of Census estimates to CPS figures. (See the description of Table A.3a for an explanation of how this information is used in the weight-adjustment process.)

Table A.3c: Effect of Applying Population Adjustment Factors on Population Counts in the CPS ASEC by Race and Gender, 2014 Estimates

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

Table A.4: Breastfeeding Adjustment Factor Calculations for WIC-Eligible Postpartum Women, 2005 through 2014

This table shows information related to the computation of postpartum eligibility for breastfeeding and non-breastfeeding mothers. For this year's work (and the re-estimation of 2005-2013 eligibility) there are several changes in the computation of these factors: the use of a new data source (the National Immunization Survey or NIS), the use of

breastfeeding variations by race and ethnicity, a different method for incorporating the impact of the decline in breastfeeding rates over the year, and modified assumptions about the extent to which breastfeeding women may lose eligibility at the 6-month point due to loss of income or adjunctive eligibility.

The first three panels of the table show three breastfeeding rates from the NIS—the percentage ever-breastfed, and the rates, at 6 months and at 12 months—with variation by race and ethnicity.

The next panel shows three adjustment factors. The first factor adjusts for the fact that the number of mothers is slightly below the number of infants due to the combined impact of multiple births and infant deaths; it is constant across the period. The second factor adjusts for the fact that (prior to 2014) some breastfeeding mothers are assumed to lose eligibility at the 6-month point due to loss of income or adjunctive eligibility; this factor changes gradually from 0.94 in 2005 to 1.0 for 2014. The final factor is used in estimating average monthly breastfeeding rates; that is, the average monthly rate across the first six months is assumed to be equal to the mean of the ever-breastfed and 6-month rates multiplied by this factor. This factor, 0.87, is assumed to be constant across the period.

The lower portion of the table shows the final postpartum adjustment factors produced using the information in the earlier portion of the table. For each year, the factors are shown for estimating breastfeeding and non-breastfeeding eligibility for each racial/ethnic group. For example, for Hispanic women in 2014, the estimated average monthly number of women eligible for WIC as breastfeeding mothers is computed as 0.466 times the estimated number of WIC-eligible Hispanic infants.

Table A.5: Adjustments for Calculating the Average Monthly Number of Individuals Eligible for WIC by Participant Group, 2014

This table shows the step-by-step calculations made in estimating the total numbers of infants, children, and pregnant and postpartum women that are eligible for WIC.

Tables A.6a and A.6b: Estimates of the Average Monthly Number of Infants and Children Eligible for WIC by Income and Adjunctive Eligibility in the March 2014 CPS by Demographic Characteristics

These two tables show the estimates of WIC-eligible infants and children (in total and by single year of age) by demographic and income characteristics in the March CPS. Note that these tables do not include infants and children from the territories. Table A.7a shows characteristics of WIC-eligible infants and children in the March CPS using unadjusted person weights, and Table A.7b shows these characteristics using weights that have been fully adjusted, including adjustments for the under/over count in the CPS (population adjustment), monthly income and certification periods (annual-to-monthly

adjustment), and nutritional risk. A comparison of Table A.7a to Table A.7b shows the impact of the CPS weight adjustments on the national estimates of WIC-eligible infants and children.

In each table, results are first shown in terms of counts, and then in percentage terms. For example, the first portion of A.7b shows that, with the adjusted weights, 1.225 million male infants and 1.186 female infants are eligible for WIC; the second portion of A.7b shows that, among WIC-eligible infants, 50.8 percent are male and 49.2 percent are female.

Table A.7: Estimates of the Average Monthly Number of Individuals Eligible for WIC by Participant Group: A Comparison of the Change from Calendar Year 2013 to 2014

This table shows change between the 2013 and 2014 in the total number of infants and children, the numbers of WIC-eligible individuals, and the eligibility rate. The percent change for each participant group is calculated. The figures include the territories as well as the States and DC.

Table A.8: Stepwise Comparison of the Change in Average Monthly Number of Infants and Children Eligible for WIC, as estimated by the March CPS

This table shows a step-by-step comparison of computation of infant and child eligibility estimates for 2013 and 2014 (excluding the territories). The percentage change from year to year is calculated after each adjustment.

Table A.9: Standard Error and Coefficient of Variation for National Estimates from the CPS-ASEC by Participant Group

This table presents the standard errors of the estimates and coefficients of variance for the national estimates for the total population and the number eligible for WIC by participant group.

Table A.1a-2014

Steps and Sources for 2014 Update to Estimates of WIC Eligibility for Infants and Young Children (Ages 1-4), Using Data from the 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, and Census Bureau International Data Base

Step	Description	Sources for 2014 Updates to Estimates and Adjustment Factors
Demographic eligibility	Identify infants and children (ages 1-4) in the survey.	2015 CPS-ASEC - National Estimates 2014 ACS - State Estimates 2014 PRCS - Puerto Rico Estimates Census Bureau International Data Base - Other Island Territories
Weight adjustment	Adjust sampling weights to account for under-count or over-count in the CPS relative to Census estimates, by exact age, gender, and 4 race/ethnic categories (white-only non-hispanic., black-only non-hispanic, other non-hispanic, and hispanic)	National Estimates: 2014 Vintage Postcensal population estimates from the Census Bureau and the March CPS-ASEC for 2012, 2013, 2014, and 2015 State and Puerto Rico Estimates: 2014 Vintage Postcensal population estimates from the Census Bureau for July 2014
Income eligibility	Count as eligible if prior year's annual family income is <= 185 percent of the applicable poverty guideline--"family" for income purposes is defined as the broadly defined family, with related subfamilies included in the primary. Poverty guidelines are the blended poverty guidelines for the calendar year for which estimates are produced.	2015 CPS-ASEC - National Estimates 2014 ACS - State Estimates 2014 PRCS - Puerto Rico Estimates 2010 Census - Other Island Territories Estimates Blended FY 2013 and FY 2014 poverty guidelines
Adjunctive eligibility	Add in as eligible those infants/children whose household reports SNAP, family reports TANF, or who are themselves reported as being enrolled in Medicaid at any point during the prior calendar year. For TANF receipt, "family" on the CPS is defined as the narrowly defined family and also includes any related children whose parents are not present in the household. On the ACS and PRCS the definition is the narrowly defined family with subfamilies separate.	2015 CPS-ASEC 2014 ACS 2014 PRCS
Adjust for fluctuations in monthly income and certification periods	Adjust the income and adjunctive eligibility estimates to account for the impact of monthly fluctuations in income and program participation, and for the impact of 6 and 12 month certification periods. For infants, multiply the estimates by a factor of 1.20 for white-only non-hispanic infants and 1.07 for all other infants. For children, multiply the estimates by a factor of 1.07 for white-only non-hispanic infants and 1.02 for all other children. The factor for children takes into account that some states have a 6 month certification period while others have adopted the optional 12 month period.	Average of factors for 2010, 2011, and 2012, as computed from the 2008 SIPP panel.
Adjust for nutritional risk	Multiply the infant estimates by 0.97 and the child estimates by 0.99 to account for the fact that some otherwise-eligible infants and children might not be found to be at nutritional risk.	No update.
Territories	Eligibility in Puerto Rico is based on the PRCS and is estimated with the same methods as those used for the State estimates. Eligibility in the Other Island Territories is based on a proportion of the estimated population of infants and children.	PRCS 2014 - Puerto Rico Census Bureau International Data Base - Other Island Territories

Table A.1b-2014

Steps and Sources for 2014 Update to Estimates of WIC Eligibility for Pregnant and Postpartum Women, Using Data from the 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, and Census Bureau International Data Base

Step	Description	Sources for 2014 Updates to Estimates and Adjustment Factors
Starting point	Use as a starting point the final average monthly eligibility estimate for infants.	Infants as estimated using methods outlined in Table 1.
Adjust for multiple births and infant deaths	Multiply by a factor of 0.9961 to account for the impact of multiple births and infant deaths (so the number of pregnant women/mothers is not exactly equal to the number of infants).	Multiple birth, infant and fetal death data from 2004 vital statistics data. March 2004 Census estimates for count of infants.
<i>For pregnant women:</i> Adjust for length of pregnancy and difference in income during pregnancy vs. after birth	Multiply by 0.675 to account for 9 months of pregnancy (0.75 factor) and to account for lower likelihood of financial eligibility during pregnancy vs. after birth (additional 0.9).	The 2001, 2004, and 2008 panels of SIPP data.
<i>For postpartum mothers:</i> Separately estimate the average monthly number who are eligible as breastfeeding mothers and the number eligible as postpartum non-breastfeeding mothers	Multiply by one set of year-specific factors to estimate the average monthly women eligible for WIC as breastfeeding mothers (0<12 months postpartum). Multiply the estimate by another set of factors to estimate the average monthly women eligible for WIC as non-breastfeeding women <6 months postpartum. Each set has 4 factors - one for each of 4 racial/ethnic categories (white-only non-hispanic., black-only non-hispanic, other non-hispanic, and hispanic). The set of factors for breastfeeding mothers is (0.416, 0.317, 0.358, 0.468), and the set for non-breastfeeding mothers is (0.247, 0.294, 0.277, 0.218). Territorial estimates assume the national breastfeeding rates, but factors do not vary by race/ethnic category. For breast-feeding mothers the factor is 0.409, and for non-breastfeeding mothers the factor is 0.249.	NIS breastfeeding rates computed by the CDC for the 2012 birth cohort.
Adjust for nutritional risk	Multiply the estimate for pregnant women by 0.97 to account for the fact that some otherwise-eligible pregnant women might not be found to be at nutritional risk. Assume all postpartum women are at nutritional risk (factor of 1.0).	No update.

Table A.2-2014: Estimates of the Average Monthly Number of Individuals Eligible for WIC by Participant Group in the March 2015 CPS

NOTE: This table includes estimates for the territories

Participant Group	2014			Eligibility rate
	Eligibles	Non-Eligibles ^a	Total ^b	
Infants	2,451,750	1,506,730	3,958,480	61.9%
Total Children Ages 1-4	9,347,672	6,793,535	16,141,207	57.9%
Children Age 1	2,312,140	1,718,424	4,030,564	57.4%
Children Age 2	2,318,334	1,687,076	4,005,410	57.9%
Children Age 3	2,357,342	1,708,072	4,065,415	58.0%
Children Age 4	2,359,857	1,679,962	4,039,819	58.4%
Pregnant Women	1,599,023	1,358,259	2,957,281	54.1%
Total Postpartum Women	1,606,863	2,336,178	3,943,041	40.8%
Breastfeeding	998,025	1,089,727	2,087,752	47.8%
Non-Breastfeeding	608,838	1,246,451	1,855,289	32.8%
Total	15,005,308	11,994,701	27,000,009	55.6%

Source: 2015 CPS-ASEC for U.S. estimate, 2014 PRCS and Census International Data Base for

Notes:

^aThe non-eligible infants and children represent the difference between the total estimates of infants and

^bThe total numbers of infants and children represent the sum of the March 2015 total number of infants and children adjusted for the under and over count of infants and children in the CPS relative to Census estimates plus the number of infants and children in Puerto Rico and the other island territories based on the 2014 PRCS and annual Census Bureau population estimates.

0

Table A.3a-2014: Four-Year Accumulations of Census Estimates and CPS Estimates by Single-Year Age Groups, Race and Gender, March 2012-2015

NOTE: This table does not include estimates for the territories.

	Females					Males					Total				
	White(NH)	Black(NH)	Other(NH)	Hispanic	Total	White(NH)	Black(NH)	Other(NH)	Hispanic	Total	White(NH)	Black(NH)	Other(NH)	Hispanic	Total
Infants															
Census estimates	3,841,326	1,067,794	817,427	1,987,449	7,713,996	4,036,974	1,104,658	857,830	2,067,801	8,067,263	7,878,300	2,172,452	1,675,257	4,055,250	15,781,259
CPS estimate	3,805,852	1,007,474	784,169	1,990,862	7,588,359	3,985,027	952,018	817,874	2,089,256	7,844,175	7,790,879	1,959,492	1,602,043	4,080,118	15,432,534
Ratio of Census estimate to CPS estimate	1.009	1.060	1.042	0.998	1.017	1.013	1.160	1.049	0.990	1.028	1.011	1.109	1.046	0.994	1.023
Children Age 1															
Census estimates	3,861,503	1,075,191	816,867	2,009,032	7,762,593	4,065,040	1,109,281	854,964	2,086,414	8,115,699	7,926,543	2,184,472	1,671,831	4,095,446	15,878,292
CPS estimate	3,843,822	1,122,477	905,323	2,038,424	7,910,043	4,034,263	1,311,107	897,298	2,126,761	8,369,428	7,878,085	2,433,584	1,802,621	4,165,185	16,279,471
Ratio of Census estimate to CPS estimate	1.005	0.958	0.902	0.986	0.981	1.008	0.846	0.953	0.981	0.970	1.006	0.898	0.927	0.983	0.975
Children Age 2															
Census estimates	3,873,423	1,077,756	820,356	2,015,689	7,787,224	4,077,962	1,110,541	853,767	2,093,215	8,135,485	7,951,385	2,188,297	1,674,123	4,108,904	15,922,709
CPS estimate	3,854,434	1,034,786	829,291	2,005,926	7,724,438	4,059,418	1,062,457	838,488	2,083,693	8,044,055	7,913,852	2,097,243	1,667,779	4,089,619	15,768,493
Ratio of Census estimate to CPS estimate	1.005	1.042	0.989	1.005	1.008	1.005	1.045	1.018	1.005	1.011	1.005	1.043	1.004	1.005	1.010
Children Age 3															
Census estimates	3,904,798	1,086,832	816,616	2,022,599	7,830,845	4,108,450	1,119,076	846,904	2,101,878	8,176,308	8,013,248	2,205,908	1,663,520	4,124,477	16,007,153
CPS estimate	3,882,006	1,117,252	852,891	2,054,067	7,906,217	4,074,604	1,098,720	918,499	2,104,883	8,196,705	7,956,610	2,215,972	1,771,390	4,158,950	16,102,922
Ratio of Census estimate to CPS estimate	1.006	0.973	0.957	0.985	0.990	1.008	1.019	0.922	0.999	0.998	1.007	0.995	0.939	0.992	0.994
Children Age 4															
Census estimates	3,956,940	1,100,178	820,508	2,037,524	7,915,150	4,159,682	1,130,970	849,231	2,117,402	8,257,285	8,116,622	2,231,148	1,669,739	4,154,926	16,172,435
CPS estimate	3,935,031	1,096,304	848,734	2,010,810	7,890,879	4,144,202	1,165,955	894,006	2,114,591	8,318,756	8,079,233	2,262,259	1,742,740	4,125,401	16,209,635
Ratio of Census estimate to CPS estimate	1.006	1.004	0.967	1.013	1.003	1.004	0.970	0.950	1.001	0.993	1.005	0.986	0.958	1.007	0.998
Total Children Ages 1 to 4															
Census estimates	15,596,664	4,339,957	3,274,347	8,084,844	31,295,812	16,411,134	4,469,868	3,404,866	8,398,909	32,684,777	32,007,798	8,809,825	6,679,213	16,483,753	63,980,589
CPS estimate	15,515,293	4,370,819	3,436,239	8,109,227	31,431,577	16,312,487	4,638,239	3,548,291	8,429,928	32,928,944	31,827,780	9,009,058	6,984,530	16,539,155	64,360,521
Ratio of Census estimate to CPS estimate	1.005	0.993	0.953	0.997	0.996	1.006	0.964	0.960	0.996	0.993	1.006	0.978	0.956	0.997	0.994
Total Infants and Children (Age 1-4)															
Census estimates	19,437,990	5,407,751	4,091,774	10,072,293	39,009,808	20,448,108	5,574,526	4,262,696	10,466,710	40,752,040	39,886,098	10,982,277	8,354,470	20,539,003	79,761,848
CPS estimate	19,321,145	5,378,293	4,220,408	10,100,089	39,019,936	20,297,514	5,590,257	4,366,165	10,519,184	40,773,119	39,618,659	10,968,550	8,586,573	20,619,273	79,793,055
Ratio of Census estimate to CPS estimate	1.006	1.005	0.970	0.997	1.000	1.007	0.997	0.976	0.995	0.999	1.007	1.001	0.973	0.996	1.000

Source: March 2012 CPS, March 2013 CPS, March 2014 CPS, and March 2015 CPS; postcensal Census estimates for March 2011-2014.

Census estimates represent estimates for March 2011-2014 based on the 2010 Census. CPS estimates use weights based on the 2000 Census (March 2011) and 2010 Census (March 2012-March 2014), and with updated Census controls used in the weight calculations.

The weights were calculated using more age detail for children to provide better estimates of children by single year of age.

Note: To calculate WIC eligibles in the CPS, the age/race/gender specific ratios are applied to the CPS weights by age/race/gender to adjust for the under/over count of children in the CPS relative to the Census estimates. The ratios shown in the total columns (by age/race/gender) are for informational purposes only.

Table A.3b-2014: Current Year Census Estimates and CPS Estimates by Single-Year Age Groups, Race and Gender, March 2015

NOTE: This table does not include estimates for the territories.

	Females					Males					Total				
	White(NH)	Black(NH)	Other(NH)	Hispanic	Total	White(NH)	Black(NH)	Other(NH)	Hispanic	Total	White(NH)	Black(NH)	Other(NH)	Hispanic	Total
Infants															
Census estimates	955,628	265,589	211,690	497,695	1,930,602	999,230	277,473	220,757	520,535	2,017,995	1,954,858	543,062	432,447	1,018,230	3,948,597
CPS estimate	949,800	277,664	196,913	494,214	1,918,593	997,603	258,432	191,179	506,695	1,953,909	1,947,403	536,096	388,092	1,000,909	3,872,502
Ratio of Census estimate to CPS estimate	1.006	0.957	1.075	1.007	1.006	1.002	1.074	1.155	1.027	1.033	1.004	1.013	1.114	1.017	1.020
Children Age 1															
Census estimates	962,149	268,503	209,785	498,749	1,939,186	1,011,515	277,055	219,116	517,772	2,025,458	1,973,664	545,558	428,901	1,016,521	3,964,644
CPS estimate	960,626	259,016	222,074	508,062	1,949,777	1,013,930	297,858	215,686	560,667	2,088,140	1,974,556	556,874	437,760	1,068,729	4,037,917
Ratio of Census estimate to CPS estimate	1.002	1.037	0.945	0.982	0.995	0.998	0.930	1.016	0.923	0.970	1.000	0.980	0.980	0.951	0.982
Children Age 2															
Census estimates	963,015	268,425	213,005	500,203	1,944,648	1,013,202	276,381	222,234	518,539	2,030,356	1,976,217	544,806	435,239	1,018,742	3,975,004
CPS estimate	960,606	283,859	212,876	491,746	1,949,087	1,013,623	266,616	210,321	501,508	1,992,067	1,974,229	550,475	423,197	993,254	3,941,154
Ratio of Census estimate to CPS estimate	1.003	0.946	1.001	1.017	0.998	1.000	1.037	1.057	1.034	1.019	1.001	0.990	1.028	1.026	1.009
Children Age 3															
Census estimates	966,679	269,780	206,825	503,907	1,947,191	1,018,666	278,210	215,232	524,670	2,036,778	1,985,345	547,990	422,057	1,028,577	3,983,969
CPS estimate	960,000	277,329	238,968	516,128	1,992,426	1,019,394	271,709	251,238	521,409	2,063,750	1,979,394	549,038	490,206	1,037,537	4,056,176
Ratio of Census estimate to CPS estimate	1.007	0.973	0.865	0.976	0.977	0.999	1.024	0.857	1.006	0.987	1.003	0.998	0.861	0.991	0.982
Children Age 4															
Census estimates	975,700	273,231	205,815	517,643	1,972,389	1,027,787	282,364	214,732	537,099	2,061,982	2,003,487	555,595	420,547	1,054,742	4,034,371
CPS estimate	968,284	262,724	182,950	507,408	1,921,366	1,029,044	296,383	218,813	527,707	2,071,947	1,997,328	559,107	401,763	1,035,115	3,993,313
Ratio of Census estimate to CPS estimate	1.008	1.040	1.125	1.020	1.027	0.999	0.953	0.981	1.018	0.995	1.003	0.994	1.047	1.019	1.010
Total Children Ages 1 to 4															
Census estimates	3,867,543	1,079,939	835,430	2,020,502	7,803,414	4,071,170	1,114,010	871,314	2,098,080	8,154,574	7,938,713	2,193,949	1,706,744	4,118,582	15,957,988
CPS estimate	3,849,516	1,082,928	856,868	2,023,344	7,812,656	4,075,991	1,132,566	896,058	2,111,291	8,215,904	7,925,507	2,215,494	1,752,926	4,134,635	16,028,560
Ratio of Census estimate to CPS estimate	1.005	0.997	0.975	0.999	0.999	0.999	0.984	0.972	0.994	0.993	1.002	0.990	0.974	0.996	0.996
Total Infants and Children (Age 1-4)															
Census estimates	4,823,171	1,345,528	1,047,120	2,518,197	9,734,016	5,070,400	1,391,483	1,092,071	2,618,615	10,172,569	9,893,571	2,737,011	2,139,191	5,136,812	19,906,585
CPS estimate	4,799,316	1,360,592	1,053,781	2,517,558	9,731,249	5,073,594	1,390,998	1,087,237	2,617,986	10,169,813	9,872,910	2,751,590	2,141,018	5,135,544	19,901,062
Ratio of Census estimate to CPS estimate	1.005	0.989	0.994	1.000	1.000	0.999	1.000	1.004	1.000	1.000	1.002	0.995	0.999	1.000	1.000

Source: March 2015 CPS; postcensal Census estimates for March 2014.

Census estimates represent estimates for March 2014 based on the 2010 Census. CPS estimates use weights based on the 2010 Census, and with updated Census controls used in the weight calculations.

The weights were calculated using more age detail for children to provide better estimates of children by single year of age.

Note: To calculate WIC eligibles in the CPS, the age/race/gender specific ratios are applied to the CPS weights by age/race/gender to adjust for the under/over count of children in the CPS relative to the Census estimates. The ratios shown in the total columns (by age/race/gender) are for informational purposes only.

Table A3c-2014: Effect of Applying Population Adjustment Factors on Population Counts in the 2015 CPS ASEC by Race and Gender

NOTE: This table does not include estimates for the territories.

	Females					Males					Total				
	White(NH)	Black(NH)	Other(NH)	Hispanic	Total	White(NH)	Black(NH)	Other(NH)	Hispanic	Total	White(NH)	Black(NH)	Other(NH)	Hispanic	Total
Infants															
Population adjustment factor	1.006	1.000	1.042	1.000	na	1.002	1.074	1.049	1.000	na	na	na	na	na	na
Revised CPS estimate	955,594	277,664	205,263	494,214	1,932,735	999,199	277,479	200,528	506,695	1,983,900	1,954,793	555,143	405,790	1,000,909	3,916,636
Original CPS estimate	949,800	277,664	196,913	494,214	1,918,593	997,603	258,432	191,179	506,695	1,953,909	1,947,403	536,097	388,092	1,000,909	3,872,501
% relative change	0.6%	0.0%	4.2%	0.0%	0.7%	0.2%	7.4%	4.9%	0.0%	1.5%	0.4%	3.6%	4.6%	0.0%	1.1%
Children Age 1															
Population adjustment factor	1.002	1.000	0.945	0.986	na	1.000	0.930	1.000	0.981	na	na	na	na	na	na
Revised CPS estimate	962,163	259,016	209,793	500,746	1,931,718	1,013,930	277,067	215,686	550,014	2,056,697	1,976,092	536,083	425,480	1,050,760	3,988,415
Original CPS estimate	960,626	259,016	222,074	508,062	1,949,777	1,013,930	297,858	215,686	560,667	2,088,140	1,974,555	556,874	437,760	1,068,728	4,037,918
% relative change	0.2%	0.0%	-5.5%	-1.4%	-0.9%	0.0%	-7.0%	0.0%	-1.9%	-1.5%	0.1%	-3.7%	-2.8%	-1.7%	-1.2%
Children Age 2															
Population adjustment factor	1.003	1.000	1.000	1.005	na	1.000	1.037	1.018	1.005	na	na	na	na	na	na
Revised CPS estimate	963,008	283,859	212,876	494,156	1,953,898	1,013,623	276,374	214,148	503,815	2,007,960	1,976,631	560,233	427,024	997,970	3,961,859
Original CPS estimate	960,606	283,859	212,876	491,746	1,949,087	1,013,623	266,616	210,321	501,508	1,992,067	1,974,229	550,475	423,196	993,254	3,941,155
% relative change	0.3%	0.0%	0.0%	0.5%	0.2%	0.0%	3.7%	1.8%	0.5%	0.8%	0.1%	1.8%	0.9%	0.5%	0.5%
Children Age 3															
Population adjustment factor	1.006	0.973	0.957	0.985	na	1.000	1.019	0.922	1.000	na	na	na	na	na	na
Revised CPS estimate	965,664	269,786	228,812	508,231	1,972,493	1,019,394	276,736	231,667	521,409	2,049,206	1,985,058	546,522	460,479	1,029,640	4,021,699
Original CPS estimate	960,000	277,329	238,968	516,128	1,992,426	1,019,394	271,709	251,238	521,409	2,063,750	1,979,394	549,038	490,206	1,037,537	4,056,176
% relative change	0.6%	-2.7%	-4.2%	-1.5%	-1.0%	0.0%	1.9%	-7.8%	0.0%	-0.7%	0.3%	-0.5%	-6.1%	-0.8%	-0.8%
Children Age 4															
Population adjustment factor	1.006	1.004	1.000	1.013	na	1.000	0.970	0.981	1.001	na	na	na	na	na	na
Revised CPS estimate	973,706	263,643	182,950	514,156	1,934,457	1,029,044	287,492	214,721	528,393	2,059,650	2,002,751	551,135	397,671	1,042,549	3,994,107
Original CPS estimate	968,284	262,724	182,950	507,408	1,921,366	1,029,044	296,383	218,813	527,707	2,071,947	1,997,329	559,107	401,763	1,035,115	3,993,313
% relative change	0.6%	0.3%	0.0%	1.3%	0.7%	0.0%	-3.0%	-1.9%	0.1%	-0.6%	0.3%	-1.4%	-1.0%	0.7%	0.0%
Total Children Ages 1 to 4															
Population adjustment factor	na	na	na	na	na	na									
Revised CPS estimate	3,864,541	1,076,305	834,431	2,017,289	7,792,566	4,075,991	1,117,669	876,222	2,103,631	8,173,513	7,940,533	2,193,973	1,710,653	4,120,919	15,966,079
Original CPS estimate	3,849,516	1,082,929	856,868	2,023,344	7,812,657	4,075,991	1,132,566	896,058	2,111,290	8,215,905	7,925,508	2,215,494	1,752,926	4,134,634	16,028,562
% relative change	0.4%	-0.6%	-2.6%	-0.3%	-0.3%	0.0%	-1.3%	-2.2%	-0.4%	-0.5%	0.2%	-1.0%	-2.4%	-0.3%	-0.4%
Total Infants and Children (Age 1-4)															
Population adjustment factor	na	na	na	na	na	na									
Revised CPS estimate	4,820,135	1,353,969	1,039,694	2,511,503	9,725,301	5,075,190	1,395,147	1,076,750	2,610,325	10,157,413	9,895,326	2,749,116	2,116,444	5,121,829	19,882,715
Original CPS estimate	4,799,317	1,360,593	1,053,781	2,517,558	9,731,249	5,073,594	1,390,998	1,087,237	2,617,985	10,169,814	9,872,911	2,751,591	2,141,018	5,135,543	19,901,063
% relative change	0.4%	-0.5%	-1.3%	-0.2%	-0.1%	0.0%	0.3%	-1.0%	-0.3%	-0.1%	0.2%	-0.1%	-1.1%	-0.3%	-0.1%

Source: March 2012 CPS, March 2013 CPS, March 2014 CPS, and March 2015 CPS; postcensal Census estimates for March 2011-2014.

Census estimates represent estimates for March 2011-2014 based on the 2010 Census. CPS estimates use weights based on the 2010 Census, and with updated Census controls used in the weight calculations.

The weights were calculated using more age detail for children to provide better estimates of children by single year of age.

Note: To calculate WIC eligibles in the CPS, the age/race/gender specific ratios are applied to the CPS weights by age/race/gender to adjust for the under/over count of children in the CPS relative to the Census estimates. The ratios shown in the total columns (by age/race/gender) are for informational purposes only.

Table A.4-2014: Breastfeeding Adjustment Factor Calculations for WIC Eligible Postpartum Women (2005-2014)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Breastfeeding rates among WIC-eligible postpartum women, by race and ethnicity (CDC)										
Breastfeeding in hospital										
white-only, non-hispanic	0.647	0.629	0.636	0.616	0.655	0.633	0.668	0.677	0.716	0.751
black-only, non-hispanic	0.497	0.477	0.537	0.500	0.517	0.531	0.576	0.609	0.576	0.635
other, non-hispanic	0.633	0.663	0.678	0.709	0.657	0.674	0.694	0.698	0.689	0.660
hispanic	0.801	0.804	0.804	0.816	0.796	0.785	0.791	0.778	0.832	0.810
Breastfeeding at 6 mo										
white-only, non-hispanic	0.280	0.297	0.306	0.316	0.327	0.329	0.343	0.342	0.381	0.412
black-only, non-hispanic	0.204	0.213	0.240	0.221	0.229	0.238	0.304	0.324	0.297	0.311
other, non-hispanic	0.307	0.349	0.341	0.336	0.333	0.352	0.398	0.410	0.412	0.364
hispanic	0.400	0.441	0.474	0.472	0.439	0.443	0.458	0.458	0.460	0.487
Breastfeeding at 12 mo										
white-only, non-hispanic	0.149	0.141	0.137	0.155	0.180	0.181	0.186	0.187	0.209	0.240
black-only, non-hispanic	0.092	0.092	0.121	0.087	0.100	0.081	0.140	0.119	0.126	0.137
other, non-hispanic	0.167	0.214	0.184	0.222	0.174	0.190	0.215	0.236	0.263	0.176
hispanic	0.216	0.234	0.256	0.270	0.241	0.272	0.251	0.255	0.241	0.256
Other adjustment factors										
Multiple births/ infant deaths	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
Loss of Eligibility at 6 mo	0.940	0.947	0.953	0.960	0.967	0.973	0.980	0.987	0.993	1.000
Adj to average BF	0.870	0.870	0.870	0.870	0.870	0.870	0.870	0.870	0.870	0.870
Final adjustment factors for estimating postpartum eligibility from estimate of infant eligibility										
BF adjustment factor										
white-only, non-hispanic	0.303	0.305	0.310	0.316	0.336	0.333	0.349	0.352	0.385	0.416
black-only, non-hispanic	0.222	0.222	0.255	0.231	0.242	0.245	0.300	0.312	0.295	0.317
other, non-hispanic	0.316	0.353	0.347	0.361	0.338	0.355	0.388	0.400	0.407	0.358
hispanic	0.406	0.431	0.452	0.458	0.433	0.441	0.445	0.445	0.455	0.468
non-BF adjustment factor										
white-only, non-hispanic	0.298	0.299	0.295	0.297	0.286	0.291	0.280	0.278	0.261	0.247
black-only, non-hispanic	0.347	0.350	0.331	0.343	0.338	0.333	0.309	0.297	0.310	0.294
other, non-hispanic	0.296	0.280	0.278	0.273	0.285	0.277	0.263	0.259	0.260	0.277
hispanic	0.239	0.229	0.222	0.220	0.232	0.233	0.228	0.231	0.219	0.218

Source: Breastfeeding rates are from unpublished CDC data.

**Table A.5-2014: Adjustments for Calculating the Average Monthly Number of Individuals Eligible for WIC by Participant Group
CY 2014 (March 2015 CPS)**

NOTE: Estimates for the territories are added at the bottom of this table. The top portion of this table does not include estimates from the territories.

	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4	Total Children Age 1 to 4	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women	Total
Total number of infants/children in the 2013 CPS-ASEC	3,872,501	4,037,918	3,941,155	4,056,176	3,993,313	16,028,562				19,901,063
Number (non-U.S. Territory) after adjustment for CPS under/over count ^a	3,916,636	3,988,415	3,961,859	4,021,699	3,994,107	15,966,079				19,882,715
Number with annual income <185% FPG	1,648,315	1,592,044	1,670,411	1,682,423	1,650,491	6,595,368				8,243,683
Number of additional people adjunctively eligible above 185% FPG	575,938	623,370	550,228	575,177	606,813	2,355,588				2,931,526
Through SNAP ^b	145,173	142,407	113,402	120,629	118,230	494,668				639,841
Through TANF	0	6,301	423	3,825	3,601	14,151				14,151
Through Medicaid	430,764	474,662	436,403	450,722	484,982	1,846,770				2,277,534
Total number income and adjunctively eligible	2,224,253	2,215,414	2,220,638	2,257,599	2,257,305	8,950,956				11,175,209
Number after monthly income adjustment ^c	2,485,987	2,300,163	2,306,870	2,344,857	2,345,503	9,297,393				11,783,380
Total Eligibles - Number after adjustment for nutritional risk (infants and children)^d	2,411,407	2,277,161	2,283,802	2,321,409	2,322,048	9,204,419				11,615,827
Starting point for estimates of women is fully eligible infants							2,411,407	2,411,407	2,411,407	7,234,222
Number after adjustment for length of pregnancy and income of woman during pregnancy ^e							1,627,700			1,627,700
Number after adjustment for multiple births and infant deaths ^f							1,621,352	2,402,003	2,402,003	6,425,358
Number after adjustment for breastfeeding								981,589	598,832	1,580,422
Total Eligibles - Number after adjustment for nutritional risk (pregnant and postpartum women)^d							1,572,711	981,589	598,832	3,153,133

Source: March 2015 CPS

	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4	Total Children Ages 1-4	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women	Total
CY 2014 - Eligibles in the U.S. Territories										
Total Eligibles in the U.S. Territories	40,342	34,979	34,532	35,934	37,809	143,253	26,311	16,436	10,006	236,349

Source: 2014 PRCS and Census International Data Base

Total Eligibles - States and Territories U.S. Total	2,451,750	2,312,140	2,318,334	2,357,342	2,359,857	9,347,672	1,599,023	998,025	608,838	15,005,308
--	------------------	------------------	------------------	------------------	------------------	------------------	------------------	----------------	----------------	-------------------

Notes for Table A.5-2014:

FPG = Federal poverty guidelines

^a See Tables A.3a and A3.b for the adjustment factors used to correct for the under/over count of infants and children in the CPS relative to estimates based on the Census. Table A.3a compares 4 years of accumulated CPS and Census estimates for children ages 0 to 4 by single years of age, gender and race (white, black, and other) and calculates adjustment factors based on the ratio of the Census estimate to the CPS estimate. Table A.3b shows the impact of the adjustment factors on the original March 2015 CPS estimates of children ages 0-4 by single years of age, gender, and race.

^b There is a hierarchy imposed on the number of infants and children adjunctively eligible for WIC. Any mention of SNAP receipt is coded as SNAP; if no mention of SNAP, but report TANF, coded as TANF. If no mention of SNAP or TANF, coded as Medicaid.

^c The SIPP-based multipliers used to adjust for monthly versus annual income and to account for certification periods are

	white, non-Hispanic	other
Infants:	1.20	1.07
Children:	1.07	1.02

^d The adjustment factors for nutritional risk by participant group are:

Infants	0.97
Children	0.99
Pregnant women	0.97
Postpartum breastfeeding women	1.00
Postpartum nonbreastfeeding women	1.00

^e The multiplier used to adjust for the length of pregnancy and a woman's income during pregnancy is:

Pregnancy length and income	0.675
-----------------------------	-------

^f The multiplier used to adjust for multiple births and infants deaths is:

Multiple births and infants death	0.9961
-----------------------------------	--------

^g The multipliers used to adjust for breastfeeding status are:

	white, non-Hispanic	black, non-Hispanic	other, non-Hispanic	Hispanic
Less than 12 months who breastfeed	0.416	0.317	0.358	0.468
Less than 6 months who do not breastfeed	0.247	0.294	0.277	0.218

Table A.6a-2014: Estimates of the Average Monthly Number of Infants and Children (Ages 1-4) Eligible for WIC by Income and Adjunctive Eligibility in the 2015 CPS-ASEC by Demographic Characteristics - CY 2014

Unadjusted weights^a

NOTE: This table does not include estimates for the territories.

Demographic Characteristics	WIC-Eligible Infants			WIC-Eligible Children Age 1			WIC-Eligible Children Age 2		
	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total
	Total	1,627,590	569,013	2,196,603	1,619,944	630,940	2,250,884	1,658,500	547,822
Gender									
Male	814,328	294,739	1,109,066	865,622	311,162	1,176,784	825,417	280,261	1,105,678
Female	813,262	274,275	1,087,537	754,322	319,778	1,074,100	833,083	267,561	1,100,644
Race									
White	1,054,289	405,345	1,459,634	966,059	473,642	1,439,701	1,060,800	417,804	1,478,604
Black	359,891	116,695	476,586	402,187	92,374	494,561	402,385	71,146	473,531
Other	213,410	46,973	260,383	251,698	64,924	316,622	195,315	58,873	254,187
Ethnicity									
Hispanic	615,986	138,503	754,489	573,409	202,143	775,552	564,565	170,924	735,489
Non-Hispanic	1,011,604	430,510	1,442,114	1,046,536	428,797	1,475,332	1,093,935	376,898	1,470,833
Living arrangement									
Two-parent family	968,729	407,374	1,376,103	964,110	415,211	1,379,322	931,795	388,736	1,320,531
Single-parent family	600,069	142,093	742,162	576,156	178,752	754,908	643,975	132,862	776,837
No-parent family	58,792	19,546	78,338	79,678	36,977	116,655	82,730	26,224	108,954
Related non-parent caretaker	27,511	19,546	47,057	38,090	36,977	75,067	52,192	26,224	78,416
Unrelated non-parent caretaker	31,281	0	31,281	41,588	0	41,588	30,538	0	30,538
Household size (number of persons)									
2	81,494	7,004	88,497	98,890	16,037	114,927	89,212	7,006	96,219
3	345,806	178,204	524,010	356,683	180,420	537,103	292,626	127,808	420,434
4	467,896	163,306	631,202	425,012	171,941	596,953	432,521	161,297	593,818
5	323,119	100,972	424,091	315,703	137,058	452,761	388,547	120,172	508,718
6 or more	409,275	119,528	528,802	423,656	125,484	549,140	455,594	131,540	587,133
Mean	4.6	4.5	4.6	4.6	4.5	4.6	4.8	4.7	4.7
Number with working parent(s)	1,023,450	479,379	1,502,830	1,075,762	488,550	1,564,312	1,141,008	466,713	1,607,721
Annual family income relative to poverty ^b									
Less than 50% FPL	364,123	0	364,123	386,953	0	386,953	356,239	0	356,239
50% to <100% FPL	449,756	0	449,756	453,381	0	453,381	458,305	0	458,305
100% to <130% FPL	274,191	0	274,191	292,702	0	292,702	303,582	0	303,582
130% to <185% FPL ^d	486,961	4,565	491,525	433,825	10,186	444,011	472,060	15,732	487,791
185% to <200% FPL	21,661	37,781	59,441	28,815	49,761	78,576	26,325	49,101	75,426
200% to <250% FPL	30,898	161,539	192,437	23,528	158,944	182,472	39,495	135,082	174,577
250% FPL and above	0	365,129	365,129	740	412,050	412,789	2,495	347,907	350,402
Annual family income									
Mean	\$24,329	\$85,341	\$40,134	\$23,936	\$106,532	\$47,088	\$25,473	\$92,990	\$42,237
Median	\$24,001	\$71,709	\$30,004	\$23,451	\$73,432	\$31,086	\$25,000	\$71,175	\$32,000
Benefit receipt									
No benefit receipt	319,382	0	319,382	360,691	0	360,691	335,539	0	335,539
SNAP, TANF, & Medicaid	95,573	2,202	97,775	102,669	8,849	111,518	85,969	8,501	94,470
SNAP & TANF	0	0	0	497	0	497	244	0	244
SNAP & Medicaid	656,185	120,880	777,064	635,273	114,815	750,088	669,120	73,253	742,373
TANF & Medicaid	3,529	0	3,529	8,552	6,360	14,911	10,783	422	11,204
SNAP only	128,115	19,552	147,667	69,507	21,736	91,243	105,909	31,133	137,042
TANF only	0	0	0	0	0	0	0	0	0
Medicaid only	424,806	426,380	851,185	442,755	479,181	921,936	450,936	434,513	885,450

Source: 2015 CPS-ASEC

See notes at the end of this table.

Table A.6a-2014: Estimates of the Average Monthly Number of Infants and Children (Ages 1-4) Eligible for WIC by Income and Adjunctive Eligibility in the 2015 CPS-ASEC by Demographic Characteristics - CY 2014
Unadjusted weights^a

NOTE: This table does not include estimates for the territories.

Demographic Characteristics	WIC-Eligible Children Age 3			WIC-Eligible Children Age 4			WIC-Eligible Children Age 1 to 4		
	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total
	Total	1,698,794	580,340	2,279,134	1,651,710	606,414	2,258,124	6,628,948	2,365,516
Gender									
Male	871,405	301,850	1,173,255	857,056	303,158	1,160,214	3,419,500	1,196,432	4,615,931
Female	827,389	278,490	1,105,879	794,655	303,256	1,097,910	3,209,449	1,169,084	4,378,533
Race									
White	1,064,951	409,378	1,474,329	1,056,249	451,048	1,507,298	4,148,059	1,751,872	5,899,932
Black	367,665	92,800	460,465	402,128	83,810	485,938	1,574,365	340,130	1,914,495
Other	266,178	78,162	344,340	193,333	71,556	264,889	906,524	273,514	1,180,038
Ethnicity									
Hispanic	614,800	146,513	761,314	601,198	141,871	743,070	2,353,973	661,452	3,015,425
Non-Hispanic	1,083,993	433,826	1,517,820	1,050,512	464,543	1,515,055	4,274,976	1,704,064	5,979,040
Living arrangement									
Two-parent family	903,545	380,565	1,284,110	861,086	379,432	1,240,518	3,660,536	1,563,945	5,224,481
Single-parent family	702,382	178,130	880,512	719,728	199,559	919,287	2,642,240	689,303	3,331,543
No-parent family	92,867	21,645	114,512	70,897	27,422	98,319	326,172	112,268	438,440
Related non-parent caretaker	67,004	21,645	88,649	51,989	27,422	79,411	209,275	112,268	321,543
Unrelated non-parent caretaker	25,863	0	25,863	18,908	0	18,908	116,897	0	116,897
Household size (number of persons)									
2	82,759	28,823	111,581	99,427	20,667	120,094	370,288	72,533	442,821
3	298,780	125,091	423,870	291,391	114,855	406,246	1,239,480	548,174	1,787,653
4	471,538	170,623	642,161	502,753	206,419	709,172	1,831,824	710,279	2,542,103
5	369,981	143,715	513,695	366,204	158,589	524,793	1,440,434	559,534	1,999,968
6 or more	475,737	112,089	587,826	391,936	105,884	497,819	1,746,922	474,996	2,221,918
Mean	4.8	4.5	4.7	4.6	4.5	4.6	4.7	4.6	4.7
Number with working parent(s)	1,213,734	510,797	1,724,531	1,144,974	533,302	1,678,275	4,575,477	1,999,362	6,574,839
Annual family income relative to poverty ^b									
Less than 50% FPL	377,206	0	377,206	390,690	0	390,690	1,511,087	0	1,511,087
50% to <100% FPL	458,749	0	458,749	480,585	0	480,585	1,851,020	0	1,851,020
100% to <130% FPL	362,489	0	362,489	265,908	0	265,908	1,224,681	0	1,224,681
130% to <185% FPL ^d	429,239	19,042	448,280	461,384	18,986	480,371	1,796,508	63,945	1,860,453
185% to <200% FPL	32,372	51,394	83,766	27,260	43,002	70,262	114,772	193,257	308,029
200% to <250% FPL	38,739	139,332	178,071	22,229	141,457	163,686	123,991	574,815	698,807
250% FPL and above	0	370,573	370,573	3,655	402,968	406,624	6,890	1,533,498	1,540,388
Annual family income									
Mean	\$25,477	\$113,879	\$47,987	\$24,043	\$100,890	\$44,680	\$24,742	\$103,752	\$45,521
Median	\$25,140	\$75,058	\$32,000	\$23,000	\$77,020	\$30,440	\$24,001	\$74,132	\$31,200
Benefit receipt									
No benefit receipt	363,027	0	363,027	330,931	0	330,931	1,390,188	0	1,390,188
SNAP, TANF, & Medicaid	101,725	10,930	112,655	121,862	7,028	128,890	412,226	35,308	447,534
SNAP & TANF	244	0	244	0	0	0	986	0	986
SNAP & Medicaid	703,997	89,408	793,405	686,494	93,160	779,654	2,694,884	370,636	3,065,521
TANF & Medicaid	10,369	3,841	14,210	0	3,561	3,561	29,703	14,183	43,887
SNAP only	99,248	21,368	120,616	103,741	18,076	121,817	378,404	92,313	470,718
TANF only	0	0	0	0	0	0	0	0	0
Medicaid only	420,183	454,792	874,976	408,682	484,588	893,271	1,722,557	1,853,075	3,575,632

Source: 2014 CPS-ASEC

See notes at the end of this table.

Table A.6a-2014: Estimates of the Average Monthly Number of Infants and Children (Ages 1-4) Eligible for WIC by Income and Adjunctive Eligibility in the 2015 CPS-ASEC by Demographic Characteristics - CY 2014

Unadjusted weights^a

NOTE: This table does not include estimates for the territories.

Demographic Characteristics	WIC-Eligible Infants			WIC-Eligible Children Age 1			WIC-Eligible Children Age 2		
	Family income <185%	Adjunct- ively eligible ^c	Total	Family income <185%	Adjunct- ively eligible ^c	Total	Family income <185%	Adjunct- ively eligible ^c	Total
	FPG ^b			FPG ^b			FPG ^b		
Total	1,627,590	569,013	2,196,603	1,619,944	630,940	2,250,884	1,658,500	547,822	2,206,322
Gender (% distribution)									
Male	50.0	51.8	50.5	53.4	49.3	52.3	49.8	51.2	50.1
Female	50.0	48.2	49.5	46.6	50.7	47.7	50.2	48.8	49.9
Race (% distribution)									
White	64.8	71.2	66.4	59.6	75.1	64.0	64.0	76.3	67.0
Black	22.1	20.5	21.7	24.8	14.6	22.0	24.3	13.0	21.5
Other	13.1	8.3	11.9	15.5	10.3	14.1	11.8	10.7	11.5
Ethnicity (% distribution)									
Hispanic	37.8	24.3	34.3	35.4	32.0	34.5	34.0	31.2	33.3
Non-Hispanic	62.2	75.7	65.7	64.6	68.0	65.5	66.0	68.8	66.7
Living arrangement (% distribution)									
Two-parent family	59.5	71.6	62.6	59.5	65.8	61.3	56.2	71.0	59.9
Single-parent family	36.9	25.0	33.8	35.6	28.3	33.5	38.8	24.3	35.2
No-parent family	3.6	3.4	3.6	4.9	5.9	5.2	5.0	4.8	4.9
Related non-parent caretaker	1.7	3.4	2.1	2.4	5.9	3.3	3.1	4.8	3.6
Unrelated non-parent caretaker	1.9	0.0	1.4	2.6	0.0	1.8	1.8	0.0	1.4
Number of people in household (% distribution)									
2	5.0	1.2	4.0	6.1	2.5	5.1	5.4	1.3	4.4
3	21.2	31.3	23.9	22.0	28.6	23.9	17.6	23.3	19.1
4	28.7	28.7	28.7	26.2	27.3	26.5	26.1	29.4	26.9
5	19.9	17.7	19.3	19.5	21.7	20.1	23.4	21.9	23.1
6 or more	25.1	21.0	24.1	26.2	19.9	24.4	27.5	24.0	26.6
% with working parent(s)	62.9	84.2	68.4	66.4	77.4	69.5	68.8	85.2	72.9
Annual family income relative to poverty ^b (% distribution)									
Less than 50% FPL	22.4	0.0	16.6	23.9	0.0	17.2	21.5	0.0	16.1
50% to <100% FPL	27.6	0.0	20.5	28.0	0.0	20.1	27.6	0.0	20.8
100% to <130% FPL	16.8	0.0	12.5	18.1	0.0	13.0	18.3	0.0	13.8
130% to <185% FPL ^d	29.9	0.8	22.4	26.8	1.6	19.7	28.5	2.9	22.1
185% to <200% FPL	1.3	6.6	2.7	1.8	7.9	3.5	1.6	9.0	3.4
200% to <250% FPL	1.9	28.4	8.8	1.5	25.2	8.1	2.4	24.7	7.9
250% FPL and above	0.0	64.2	16.6	0.0	65.3	18.3	0.2	63.5	15.9
Benefit receipt (% distribution)									
No benefit receipt	19.6	0.0	14.5	22.3	0.0	16.0	20.2	0.0	15.2
SNAP, TANF, & Medicaid	5.9	0.4	4.5	6.3	1.4	5.0	5.2	1.6	4.3
SNAP & TANF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SNAP & Medicaid	40.3	21.2	35.4	39.2	18.2	33.3	40.3	13.4	33.6
TANF & Medicaid	0.2	0.0	0.2	0.5	1.0	0.7	0.7	0.1	0.5
SNAP only	7.9	3.4	6.7	4.3	3.4	4.1	6.4	5.7	6.2
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid only	26.1	74.9	38.8	27.3	75.9	41.0	27.2	79.3	40.1

Source: 2014 CPS-ASEC

See notes at the end of this table.

Table A.6a-2014: Estimates of the Average Monthly Number of Infants and Children (Ages 1-4) Eligible for WIC by Income and Adjunctive Eligibility in the 2014 CPS-ASEC by Demographic Characteristics - CY 2014

Unadjusted weights^a

NOTE: This table does not include estimates for the territories.

Demographic Characteristics	WIC-Eligible Children Age 3			WIC-Eligible Children Age 4			WIC-Eligible Children Age 1 to 4		
	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total
Total	1,698,794	580,340	2,279,134	1,651,710	606,414	2,258,124	6,628,948	2,365,516	8,994,464
Gender (% distribution)									
Male	51.3	52.0	51.5	51.9	50.0	51.4	51.6	50.6	51.3
Female	48.7	48.0	48.5	48.1	50.0	48.6	48.4	49.4	48.7
Race (% distribution)									
White	62.7	70.5	64.7	63.9	74.4	66.7	62.6	74.1	65.6
Black	21.6	16.0	20.2	24.3	13.8	21.5	23.7	14.4	21.3
Other	15.7	13.5	15.1	11.7	11.8	11.7	13.7	11.6	13.1
Ethnicity (% distribution)									
Hispanic	36.2	25.2	33.4	36.4	23.4	32.9	35.5	28.0	33.5
Non-Hispanic	63.8	74.8	66.6	63.6	76.6	67.1	64.5	72.0	66.5
Living arrangement (% distribution)									
Two-parent family	53.2	65.6	56.3	52.1	62.6	54.9	55.2	66.1	58.1
Single-parent family	41.3	30.7	38.6	43.6	32.9	40.7	39.9	29.1	37.0
No-parent family	5.5	3.7	5.0	4.3	4.5	4.4	4.9	4.7	4.9
Related non-parent caretaker	3.9	3.7	3.9	3.1	4.5	3.5	3.2	4.7	3.6
Unrelated non-parent caretaker	1.5	0.0	1.1	1.1	0.0	0.8	1.8	0.0	1.3
Number of people in household (% distribution)									
2	4.9	5.0	4.9	6.0	3.4	5.3	5.6	3.1	4.9
3	17.6	21.6	18.6	17.6	18.9	18.0	18.7	23.2	19.9
4	27.8	29.4	28.2	30.4	34.0	31.4	27.6	30.0	28.3
5	21.8	24.8	22.5	22.2	26.2	23.2	21.7	23.7	22.2
6 or more	28.0	19.3	25.8	23.7	17.5	22.0	26.4	20.1	24.7
% with working parent(s)	71.4	88.0	75.7	69.3	87.9	74.3	69.0	84.5	73.1
Annual family income relative to poverty ^b (% distribution)									
Less than 50% FPL	22.2	0.0	16.6	23.7	0.0	17.3	22.8	0.0	16.8
50% to <100% FPL	27.0	0.0	20.1	29.1	0.0	21.3	27.9	0.0	20.6
100% to <130% FPL	21.3	0.0	15.9	16.1	0.0	11.8	18.5	0.0	13.6
130% to <185% FPL ^d	25.3	3.3	19.7	27.9	3.1	21.3	27.1	2.7	20.7
185% to <200% FPL	1.9	8.9	3.7	1.7	7.1	3.1	1.7	8.2	3.4
200% to <250% FPL	2.3	24.0	7.8	1.3	23.3	7.2	1.9	24.3	7.8
250% FPL and above	0.0	63.9	16.3	0.2	66.5	18.0	0.1	64.8	17.1
Benefit receipt (% distribution)									
No benefit receipt	21.4	0.0	15.9	20.0	0.0	14.7	21.0	0.0	15.5
SNAP, TANF, & Medicaid	6.0	1.9	4.9	7.4	1.2	5.7	6.2	1.5	5.0
SNAP & TANF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SNAP & Medicaid	41.4	15.4	34.8	41.6	15.4	34.5	40.7	15.7	34.1
TANF & Medicaid	0.6	0.7	0.6	0.0	0.6	0.2	0.4	0.6	0.5
SNAP only	5.8	3.7	5.3	6.3	3.0	5.4	5.7	3.9	5.2
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid only	24.7	78.4	38.4	24.7	79.9	39.6	26.0	78.3	39.8

Source: 2014 CPS-ASEC

See notes at the end of this table.

Notes for Table A.6a-2014:

FPG - Federal Poverty Guidelines

FPL - Federal Poverty Level

^a These estimates are tabulated from the unadjusted person weights on the 2015 CPS-ASEC. They are not adjusted to account for the under or over count of infants and children in the CPS relative to Census estimates, monthly income, or nutritional risk.

^b This table uses both the Federal Poverty Guidelines (FPG) and the Federal Poverty Thresholds or "Levels" (FPL). The thresholds are used to calculate the ratio of annual family income to the poverty threshold for their family size. The guidelines are used in determining WIC eligibility. The Federal Poverty Thresholds are updated by the Census Bureau each year and are used mainly to produce official poverty population estimates. The Federal Poverty Guidelines are issued by the Department of Health and Human Services (HHS) and are a simplification of the poverty thresholds for use in determining financial eligibility for certain federal programs, including WIC.

^c Infants and children adjunctively eligible are those whose family income was not below 185% FPG but who reported receipt of SNAP, Medicaid, or TANF. Therefore, the two categories are mutually exclusive.

^d There are infants and children adjunctively eligible for WIC with annual family incomes above 185 percent of the Federal Poverty Guidelines (FPG) who have annual family incomes below 185% of the Federal Poverty Level (FPL). For example, in 2014 a family of five with three children and an annual family income of \$52,000 has an income to FPL ratio of 1.84, but an income to FPG ratio of 1.86 (FPL for a family of 5 = \$28,252; FPG for a family of 5 = \$27,910).

Table A6b-2014: Estimates of the Average Monthly Number of Infants and Children (Ages 1-4) Eligible for WIC by Income and Adjunctive Eligibility in the 2015 CPS-ASEC by Demographic Characteristics - CY 2014
Fully adjusted weights^a

NOTE: This table does not include estimates for the territories.

Demographic Characteristics	WIC-Eligible Infants			WIC-Eligible Children Age 1			WIC-Eligible Children Age 2		
	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total
	Total	1,777,796	633,612	2,411,407	1,632,839	644,321	2,277,161	1,714,278	569,524
Gender									
Male	894,840	330,505	1,225,345	869,598	316,230	1,185,828	857,260	291,806	1,149,066
Female	882,956	303,107	1,186,063	763,241	328,092	1,091,333	857,017	277,719	1,134,736
Race									
White	1,163,365	457,638	1,621,003	993,332	490,455	1,483,786	1,101,815	436,805	1,538,619
Black	385,576	125,287	510,863	392,386	89,820	482,205	413,805	72,761	486,566
Other	228,855	50,687	279,542	247,122	64,047	311,169	198,658	59,959	258,616
Ethnicity									
Hispanic	639,332	143,752	783,084	569,234	200,748	769,982	572,807	173,417	746,224
Non-Hispanic	1,138,464	489,860	1,628,323	1,063,606	443,573	1,507,179	1,141,471	396,107	1,537,578
Living arrangement									
Two-parent family	1,065,354	455,658	1,521,013	978,257	425,963	1,404,220	963,526	404,706	1,368,232
Single-parent family	647,673	156,189	803,862	573,869	180,981	754,850	665,433	137,611	803,044
No-parent family	64,768	21,765	86,533	80,714	37,377	118,091	85,318	27,207	112,525
Related non-parent caretaker	30,587	21,764.6	52,352	38,298	37,377	75,675	53,930	27,207	81,137
Unrelated non-parent caretaker	34,181	0	34,181	42,415	0	42,415	31,388	0	31,388
Household size (number of persons)									
2	89,585	7,918	97,502	97,854	16,100	113,954	92,388	7,324	99,712
3	382,158	201,164	583,322	359,309	185,569	544,878	303,650	133,434	437,084
4	511,768	181,653	693,421	429,807	176,066	605,873	447,604	167,895	615,499
5	351,264	112,881	464,145	320,063	139,936	459,999	400,647	125,058	525,705
6 or more	443,021	129,997	573,018	425,807	126,650	552,456	469,988	135,813	605,802
Mean	4.6	4.5	4.6	4.6	4.5	4.6	4.8	4.6	4.7
Number with working parent(s)	1,122,054	535,467	1,657,521	1,085,717	499,158	1,584,875	1,178,908	484,788	1,663,696
Annual family income relative to poverty ^b									
Less than 50% FPL	397,002	0	397,002	388,542	0	388,542	368,861	0	368,861
50% to <100% FPL	486,370	0	486,370	454,740	0	454,740	472,497	0	472,497
100% to <130% FPL	300,101	0	300,101	296,031	0	296,031	313,068	0	313,068
130% to <185% FPL ^d	535,132	5,129	540,261	440,235	10,567	450,802	489,445	16,520	505,965
185% to <200% FPL	23,871	41,502	65,373	29,034	49,986	79,020	26,991	50,825	77,816
200% to <250% FPL	35,321	178,053	213,374	23,525	161,839	185,364	40,871	140,380	181,251
250% FPL and above	0	408,928	408,928	733	421,928	422,661	2,544	361,799	364,343
Annual family income									
Mean	\$24,374	\$85,424	\$40,415	\$23,999	\$106,530	\$47,351	\$25,475	\$92,888	\$42,287
Median	\$24,007	\$71,706	\$30,601	\$23,584	\$73,432	\$31,200	\$25,000	\$71,030	\$32,000
Benefit receipt									
No benefit receipt	353,329	0	353,329	367,608	0	367,608	348,406	0	348,406
SNAP, TANF, & Medicaid	103,588	2,508	106,096	102,208	9,165	111,373	88,175	8,639	96,814
SNAP & TANF	0	0	0	502	0	502	251	0	251
SNAP & Medicaid	713,323	133,075	846,397	636,693	114,541	751,234	691,330	75,840	767,170
TANF & Medicaid	3,850	0	3,850	8,506	6,496	15,002	11,008	448	11,456
SNAP only	138,544	21,917	160,460	69,948	22,145	92,093	109,617	32,252	141,869
TANF only	0	0	0	0	0	0	0	0	0
Medicaid only	465,162	476,112	941,274	447,374	491,975	939,349	465,490	452,345	917,835

Source: 2015 CPS-ASEC

See notes at the end of this table.

Table A.6b-2014: Estimates of the Average Monthly Number of Infants and Children (Ages 1-4) Eligible for WIC by Income and Adjunctive Eligibility in the 2015 CPS-ASEC by Demographic Characteristics - CY 2014

Fully adjusted weights^a

NOTE: This table does not include estimates for the territories.

Demographic Characteristics	WIC-Eligible Children Age 3			WIC-Eligible Children Age 4			WIC-Eligible Children Ages 1-4		
	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total
	Total	1,726,813	594,596	2,321,409	1,693,561	628,487	2,322,048	6,767,491	2,436,928
Gender									
Male	888,629	309,662	1,198,291	871,978	312,233	1,184,211	3,487,465	1,229,931	4,717,396
Female	838,184	284,934	1,123,118	821,583	316,253	1,137,837	3,280,026	1,206,997	4,487,023
Race									
White	1,101,151	426,911	1,528,062	1,099,013	473,002	1,572,015	4,295,310	1,827,173	6,122,483
Black	369,898	93,457	463,356	400,489	83,985	484,474	1,576,578	340,023	1,916,601
Other	255,764	74,227	329,991	194,059	71,500	265,558	895,603	269,732	1,165,335
Ethnicity									
Hispanic	616,142	146,738	762,880	611,714	144,238	755,952	2,369,897	665,142	3,035,039
Non-Hispanic	1,110,671	447,858	1,558,528	1,081,847	484,249	1,566,096	4,397,594	1,771,786	6,169,381
Living arrangement									
Two-parent family	921,370	390,023	1,311,393	886,383	394,599	1,280,981	3,749,536	1,615,291	5,364,827
Single-parent family	710,881	182,734	893,615	735,249	205,736	940,986	2,685,432	707,062	3,392,495
No-parent family	94,561	21,840	116,401	71,929	28,152	100,081	332,522	114,575	447,098
Related non-parent caretaker	68,138	21,840	89,977	52,275	28,152	80,427	212,641	114,575	327,217
Unrelated non-parent caretaker	26,424	0	26,424	19,654	0	19,654	119,881	0	119,881
Household size (number of persons)									
2	83,939	29,780	113,719	101,081	21,293	122,374	375,262	74,497	449,759
3	303,561	127,737	431,298	298,357	118,636	416,993	1,264,877	565,376	1,830,253
4	480,281	176,164	656,445	516,613	215,241	731,855	1,874,305	735,366	2,609,671
5	375,468	147,214	522,682	376,077	164,771	540,848	1,472,255	576,979	2,049,234
6 or more	483,564	113,701	597,265	401,432	108,546	509,978	1,780,791	484,710	2,265,501
Mean	4.8	4.5	4.7	4.6	4.5	4.6	4.7	4.5	4.7
Number with working parent(s)	1,235,970	522,923	1,758,893	1,175,132	552,773	1,727,905	4,675,727	2,059,642	6,735,370
Annual family income relative to poverty ^b									
Less than 50% FPL	382,786	0	382,786	399,056	0	399,056	1,539,246	0	1,539,246
50% to <100% FPL	464,640	0	464,640	490,695	0	490,695	1,882,572	0	1,882,572
100% to <130% FPL	367,928	0	367,928	272,890	0	272,890	1,249,917	0	1,249,917
130% to <185% FPL ^d	438,517	19,553	458,069	475,846	19,855	495,700	1,844,043	66,495	1,910,537
185% to <200% FPL	33,363	51,898	85,261	28,031	44,199	72,230	117,419	196,908	314,327
200% to <250% FPL	39,578	142,495	182,073	23,159	145,542	168,702	127,133	590,257	717,390
250% FPL and above	0	380,650	380,650	3,883	418,890	422,774	7,160	1,583,269	1,590,429
Annual family income									
Mean	\$25,527	\$113,701	\$48,111	\$24,104	\$100,709	\$44,838	\$24,789	\$103,590	\$45,652
Median	\$25,190	\$75,058	\$32,000	\$23,002	\$77,020	\$30,900	\$24,008	\$74,132	\$31,400
Benefit receipt									
No benefit receipt	371,575	0	371,575	342,462	0	342,462	1,430,051	0	1,430,051
SNAP, TANF, & Medicaid	102,984	11,137	114,122	124,679	7,027	131,705	418,046	35,968	454,015
SNAP & TANF	228	0	228	0	0	0	981	0	981
SNAP & Medicaid	712,185	91,484	803,670	702,060	96,192	798,252	2,742,268	378,057	3,120,325
TANF & Medicaid	10,556	3,986	14,543	0	3,681	3,681	30,070	14,611	44,682
SNAP only	101,275	21,325	122,600	105,600	18,514	124,115	386,441	94,236	480,678
TANF only	0	0	0	0	0	0	0	0	0
Medicaid only	428,009	466,663	894,672	418,760	503,072	921,833	1,759,633	1,914,055	3,673,689

Source: 2015 CPS-ASEC

See notes at the end of this table.

Table A.6b-2014: Estimates of the Average Monthly Number of Infants and Children (Ages 1-4) Eligible for WIC by Income and Adjunctive Eligibility in the 2015 CPS-ASEC by Demographic Characteristics - CY 2014

Fully adjusted weights^a

NOTE: This table does not include estimates for the territories.

Demographic Characteristics	WIC-Eligible Infants			WIC-Eligible Children Age 1			WIC-Eligible Children Age 2		
	Family income <185% FPG ^b	Adjunctively eligible ^c	Total	Family income <185% FPG ^b	Adjunctively eligible ^c	Total	Family income <185% FPG ^b	Adjunctively eligible ^c	Total
	Total	1,777,796	633,612	2,411,407	1,632,839	644,321	2,277,161	1,714,278	569,524
Gender (% distribution)									
Male	50.3	52.2	50.8	53.3	49.1	52.1	50.0	51.2	50.3
Female	49.7	47.8	49.2	46.7	50.9	47.9	50.0	48.8	49.7
Race (% distribution)									
White	65.4	72.2	67.2	60.8	76.1	65.2	64.3	76.7	67.4
Black	21.7	19.8	21.2	24.0	13.9	21.2	24.1	12.8	21.3
Other	12.9	8.0	11.6	15.1	9.9	13.7	11.6	10.5	11.3
Ethnicity (% distribution)									
Hispanic	36.0	22.7	32.5	34.9	31.2	33.8	33.4	30.4	32.7
Non-Hispanic	64.0	77.3	67.5	65.1	68.8	66.2	66.6	69.6	67.3
Living arrangement (% distribution)									
Two-parent family	59.9	71.9	63.1	59.9	66.1	61.7	56.2	71.1	59.9
Single-parent family	36.4	24.7	33.3	35.1	28.1	33.1	38.8	24.2	35.2
No-parent family	3.6	3.4	3.6	4.9	5.8	5.2	5.0	4.8	4.9
Related non-parent caretaker	1.7	3.4	2.2	2.3	5.8	3.3	3.1	4.8	3.6
Unrelated non-parent caretaker	1.9	0.0	1.4	2.6	0.0	1.9	1.8	0.0	1.4
Number of people in household (% distribution)									
2	5.0	1.2	4.0	6.0	2.5	5.0	5.4	1.3	4.4
3	21.5	31.7	24.2	22.0	28.8	23.9	17.7	23.4	19.1
4	28.8	28.7	28.8	26.3	27.3	26.6	26.1	29.5	27.0
5	19.8	17.8	19.2	19.6	21.7	20.2	23.4	22.0	23.0
6 or more	24.9	20.5	23.8	26.1	19.7	24.3	27.4	23.8	26.5
% with working parent(s)	63.1	84.5	68.7	66.5	77.5	69.6	68.8	85.1	72.8
Annual family income relative to poverty ^b (% distribution)									
Less than 50% FPL	22.3	0.0	16.5	23.8	0.0	17.1	21.5	0.0	16.2
50% to <100% FPL	27.4	0.0	20.2	27.8	0.0	20.0	27.6	0.0	20.7
100% to <130% FPL	16.9	0.0	12.4	18.1	0.0	13.0	18.3	0.0	13.7
130% to <185% FPL ^d	30.1	0.8	22.4	27.0	1.6	19.8	28.6	2.9	22.2
185% to <200% FPL	1.3	6.6	2.7	1.8	7.8	3.5	1.6	8.9	3.4
200% to <250% FPL	2.0	28.1	8.8	1.4	25.1	8.1	2.4	24.6	7.9
250% FPL and above	0.0	64.5	17.0	0.0	65.5	18.6	0.1	63.5	16.0
Benefit receipt (% distribution)									
No benefit receipt	19.9	0.0	14.7	22.5	0.0	16.1	20.3	0.0	15.3
SNAP, TANF, & Medicaid	5.8	0.4	4.4	6.3	1.4	4.9	5.1	1.5	4.2
SNAP & TANF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SNAP & Medicaid	40.1	21.0	35.1	39.0	17.8	33.0	40.3	13.3	33.6
TANF & Medicaid	0.2	0.0	0.2	0.5	1.0	0.7	0.6	0.1	0.5
SNAP only	7.8	3.5	6.7	4.3	3.4	4.0	6.4	5.7	6.2
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid only	26.2	75.1	39.0	27.4	76.4	41.3	27.2	79.4	40.2

Source: 2015 CPS-ASEC

See notes at the end of this table.

Table A.6b-2014: Estimates of the Average Monthly Number of Infants and Children (Ages 1-4) Eligible for WIC by Income and Adjunctive Eligibility in the 2015 CPS-ASEC by Demographic Characteristics - CY 2014

Fully adjusted weights^a

NOTE: This table does not include estimates for the territories.

Demographic Characteristics	WIC-Eligible Children Age 3			WIC-Eligible Children Age 4			WIC-Eligible Children Age 1 to 4		
	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total	Family income <185% FPG ^b	Adjunct- ively eligible ^c	Total
	Total	1,726,813	594,596	2,321,409	1,693,561	628,487	2,322,048	6,767,491	2,436,928
Gender (% distribution)									
Male	51.5	52.1	51.6	51.5	49.7	51.0	51.5	50.5	51.3
Female	48.5	47.9	48.4	48.5	50.3	49.0	48.5	49.5	48.7
Race (% distribution)									
White	63.8	71.8	65.8	64.9	75.3	67.7	63.5	75.0	66.5
Black	21.4	15.7	20.0	23.6	13.4	20.9	23.3	14.0	20.8
Other	14.8	12.5	14.2	11.5	11.4	11.4	13.2	11.1	12.7
Ethnicity (% distribution)									
Hispanic	35.7	24.7	32.9	36.1	23.0	32.6	35.0	27.3	33.0
Non-Hispanic	64.3	75.3	67.1	63.9	77.0	67.4	65.0	72.7	67.0
Living arrangement (% distribution)									
Two-parent family	53.4	65.6	56.5	52.3	62.8	55.2	55.4	66.3	58.3
Single-parent family	41.2	30.7	38.5	43.4	32.7	40.5	39.7	29.0	36.9
No-parent family	5.5	3.7	5.0	4.2	4.5	4.3	4.9	4.7	4.9
Related non-parent caretaker	3.9	3.7	3.9	3.1	4.5	3.5	3.1	4.7	3.6
Unrelated non-parent caretaker	1.5	0.0	1.1	1.2	0.0	0.8	1.8	0.0	1.3
Number of people in household (% distribution)									
2	4.9	5.0	4.9	6.0	3.4	5.3	5.5	3.1	4.9
3	17.6	21.5	18.6	17.6	18.9	18.0	18.7	23.2	19.9
4	27.8	29.6	28.3	30.5	34.2	31.5	27.7	30.2	28.4
5	21.7	24.8	22.5	22.2	26.2	23.3	21.8	23.7	22.3
6 or more	28.0	19.1	25.7	23.7	17.3	22.0	26.3	19.9	24.6
% with working parent(s)	71.6	87.9	75.8	69.4	88.0	74.4	69.1	84.5	73.2
Annual family income relative to poverty ^b (% distribution)									
Less than 50% FPL	22.2	0.0	16.5	23.6	0.0	17.2	22.7	0.0	16.7
50% to <100% FPL	26.9	0.0	20.0	29.0	0.0	21.1	27.8	0.0	20.5
100% to <130% FPL	21.3	0.0	15.8	16.1	0.0	11.8	18.5	0.0	13.6
130% to <185% FPL ^d	25.4	3.3	19.7	28.1	3.2	21.3	27.2	2.7	20.8
185% to <200% FPL	1.9	8.7	3.7	1.7	7.0	3.1	1.7	8.1	3.4
200% to <250% FPL	2.3	24.0	7.8	1.4	23.2	7.3	1.9	24.2	7.8
250% FPL and above	0.0	64.0	16.4	0.2	66.7	18.2	0.1	65.0	17.3
Benefit receipt (% distribution)									
No benefit receipt	21.5	0.0	16.0	20.2	0.0	14.7	21.1	0.0	15.5
SNAP, TANF, & Medicaid	6.0	1.9	4.9	7.4	1.1	5.7	6.2	1.5	4.9
SNAP & TANF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SNAP & Medicaid	41.2	15.4	34.6	41.5	15.3	34.4	40.5	15.5	33.9
TANF & Medicaid	0.6	0.7	0.6	0.0	0.6	0.2	0.4	0.6	0.5
SNAP only	5.9	3.6	5.3	6.2	2.9	5.3	5.7	3.9	5.2
TANF only	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid only	24.8	78.5	38.5	24.7	80.0	39.7	26.0	78.5	39.9

Source: 2015 CPS-ASEC

See notes at the end of this table.

Notes for Table A.6b-2014:

FPG - Federal Poverty Guidelines

FPL - Federal Poverty Level

^a These estimates are tabulated from the fully adjusted person weights on the 2015 CPS-ASEC. They are adjusted to account for the under or over count of infants and children in the CPS relative to Census estimates, monthly income, and nutritional risk. See Tables A.3a and A.3b for the adjustment factors.

^b This table uses both the Federal Poverty Guidelines (FPG) and the Federal Poverty Thresholds or "Levels" (FPL). The thresholds are used to calculate the ratio of annual family income to the poverty threshold for their family size. The guidelines are used in determining WIC eligibility. The Federal Poverty Thresholds are updated by the Census Bureau each year and are used mainly to produce official poverty population estimates. The Federal Poverty Guidelines are issued by the Department of Health and Human Services (HHS) and are a simplification of the poverty thresholds for use in determining financial eligibility for certain federal programs, including WIC.

^c Infants and children adjunctively eligible are those whose family income was not below 185% FPG but who reported receipt of SNAP, Medicaid, or TANF. Therefore, the two categories are mutually exclusive.

^d There are infants and children adjunctively eligible for WIC with annual family incomes above 185 percent of the Federal Poverty Guidelines (FPG) who have annual family incomes below 185% of the Federal Poverty Level (FPL). For example, in 2014 a family of five with three children and an annual family income of \$52,000 has an income to FPL ratio of 1.84, but an income to FPG ratio of 1.86 (FPL for a family of 5 = \$28,252; FPG for a family of 5 = \$27,910).

**Table A.7-2014: Estimates of the Average Monthly Number of Individuals Eligible for WIC by Participant Group:
A Comparison of the Change from Calendar Year 2013 to 2014**

NOTE: This table includes estimates for the territories.

Participant Group	Total		Percent Change	Total Eligibles		Percent Change	Eligibility Rate		Percent Change	Coverage Rate		Percent Change
	2014	2013		2014	2013		2014	2013		2014	2013	
Infants	3,958,480	3,895,916	1.6%	2,451,750	2,383,446	2.9%	61.9	61.2	1.2%	80.0	84.6	-5.4%
Total Children Ages 1-4	16,141,207	16,078,622	0.4%	9,347,672	8,929,389	4.7%	57.9	55.5	4.3%	46.0	50.5	-9.0%
Children Age 1	4,030,564	4,038,984	-0.2%	2,312,140	2,246,216	2.9%	57.4	55.6	3.1%	68.2	70.0	-2.5%
Children Age 2	4,005,410	3,966,516	1.0%	2,318,334	2,210,997	4.9%	57.9	55.7	3.8%	48.1	51.6	-6.8%
Children Age 3	4,065,415	3,983,832	2.0%	2,357,342	2,189,298	7.7%	58.0	55.0	5.5%	42.2	48.0	-12.2%
Children Age 4	4,039,819	4,089,290	-1.2%	2,359,857	2,282,879	3.4%	58.4	55.8	4.6%	25.9	32.6	-20.7%
Pregnant Women				1,599,023	1,554,475	2.9%				50.2	54.0	-7.1%
All Postpartum Women				1,606,863	1,544,491					72.6	76.6	-5.2%
Postpartum Breastfeeding Women				998,025	938,157	6.4%				59.5	63.3	-6.0%
Postpartum Non-Breastfeeding Women				608,838	606,333	0.4%				94.1	97.2	-3.2%
Total WIC Eligibles				15,005,308	14,411,800	4.1%				54.8	59.3	-7.5%

Sources: Eligibility estimates use information from the March 2014 and March 2015 CPS; 2004 and 2008 SIPP panels; 2001-2002, 2003-2004, and 2005-2006 NHANES; and 2013 and 2014 IFS. Coverage rates use data on WIC participants from WIC administrative data. Participant data by exact year of age for young children is estimated using enrollment data from WIC-PC data, using the 2012 WIC-PC data for the 2013 estimates and the 2014 WIC-PC data for the 2014 estimates.

Table A8-2014: Stepwise Comparison of the Change in Average Monthly Number of Infants and Children (Ages 1-4) Eligible for WIC, from Calendar Year 2013 to 2014 as estimated by the March CPS

NOTE: This table does not include estimates for the territories.

	2014			2013			Percent Change ^a		
	Infants	Children Age 1 to 4	Total	Infants	Children Age 1 to 4	Total	Infants	Children Age 1 to 4	Total
Total number of infants/children in the March CPS	3,872,501	16,028,562	19,901,063	3,800,083	16,065,077	19,865,160	1.9%	-0.2%	0.2%
Number (non-U.S. Territory) after adjustment for CPS under/overcount	3,916,636	15,966,079	19,882,715	3,852,657	15,895,277	19,747,934	1.7%	0.4%	0.7%
Number with annual income <185% FPG	1,648,315	6,595,368	8,243,683	1,577,417	6,514,055	8,091,472	4.5%	1.2%	1.9%
Number with adjunctive eligibility	575,937	2,355,589	2,931,526	545,277	2,171,755	2,717,032	5.6%	8.5%	7.9%
Through SNAP	145,173	494,668	639,841	153,999	503,912	657,911	-5.7%	-1.8%	-2.7%
Through TANF	0	14,151	14,151	4,491	21,153	25,644	-100.0%	-33.1%	-44.8%
Through Medicaid	430,764	1,846,770	2,277,534	386,787	1,646,690	2,033,477	11.4%	12.2%	12.0%
Number before monthly income adjustment	2,224,253	8,950,956	11,175,209	2,122,694	8,685,811	10,808,505	4.8%	3.1%	3.4%
Number after monthly income adjustment	2,485,987	9,297,393	11,783,380	2,414,486	8,867,216	11,281,702	3.0%	4.9%	4.4%
Total Eligibles - Number after adjustment for nutritional risk (infants and children)	2,411,407	9,204,419	11,615,826	2,342,051	8,778,544	11,120,595	3.0%	4.9%	4.5%

Source: March 2015 CPS and March 2014 CPS

See footnotes on Table A.6 for adjustment factor calculations for 2014.

^a When interpreting percent changes keep in mind that groups with small populations can show large changes simply as a result of year-to-year sample variation.

Table A9-2014: Standard Error and Coefficient of Variation for National Estimates from the 2015 CPS-ASEC by Participant Group

NOTE: This table does not include estimates for the territories

Participant Group	2014					
	Estimate		Standard Error		Coefficient of	
	Total	Eligibles	Total	Eligibles	Total	Eligibles
Infants	3,916,636	2,411,407	76,712	124,266	2.0%	5.2%
Total Children Age 1 to 4	15,966,079	9,204,419	151,112	240,193	0.9%	2.6%
Children Age 1	3,988,415	2,277,161	77,401	120,783	1.9%	5.3%
Children Age 2	3,961,859	2,283,802	77,147	120,958	1.9%	5.3%
Children Age 3	4,021,699	2,321,409	77,718	121,942	1.9%	5.3%
Children Age 4	3,994,107	2,322,048	77,455	121,959	1.9%	5.3%
Pregnant Women	2,926,021	1,572,711	57,310	81,046	2.0%	5.2%
Postpartum Breastfeeding Women	2,065,662	981,589	40,459	50,584	2.0%	5.2%
Postpartum Non-Breastfeeding Women	1,835,699	598,832	35,954	30,859	2.0%	5.2%
Total	26,710,096	14,768,960	190,995	301,541	0.7%	2.0%

Source: 2015 CPS-ASEC

Appendix B

Detailed Information Related to State and Regional Estimates

The tables in this appendix show the estimates of total WIC-eligible individuals by State and by participant group and region for calendar year 2014 as summarized in Volume I of this report. The States included in each FNS region are shown on page B-3.

State and Regional Estimates Appendix Table Definitions

Tables B.1, WIC Eligibles and Coverage Rates by State and FNS Region

Table B.1 shows estimated WIC eligibility, the participation figures from administrative data, and the resulting estimated coverage rates, by States (listed alphabetically) and by regions. Totals and coverage rates by FNS region include the territories.

Table B.2: WIC Eligibles and Coverage Rates by FNS Region and State

This table shows estimated WIC eligibility, the participation figures from administrative data, and the resulting estimated coverage rates by regions, with information for each State within a region shown below the information for that region. Totals and coverage rates by FNS region include the territories.

Table B.3: WIC Eligibles and Coverage Rates by FNS Region and Participant Group

This table shows estimated WIC eligibility, the participation figures from administrative data, and the resulting estimated coverage rates, by participant group and by region. Totals and coverage rates by FNS region include the territories.

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

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

Table B.5: WIC Eligibles Standard Errors by FNS Region and State

This table provides the same information as B.4, but the results are shown by FNS region, with each State listed under its region.

Table B.6: WIC Eligibles Standard Errors by FNS Region and Participant Group

This table shows the estimated number of WIC-eligible individuals and the associated standard errors and coefficients of variance by FNS region and participant group.

Table B.7: State-Specific Breastfeeding Adjustment Factors

This table shows the State-specific breastfeeding adjustment factors. These factors were determined using the same methodology used to produce the national breastfeeding adjustments but use State-specific breastfeeding rates. Those rates are three-year averages of State-level rates from the Abbott Laboratories' Infant Feeding Survey (IFS). The estimates for the territories assumed the national breastfeeding rates.

Table B.8: Adjustments for Calculating the Average Monthly Number of Individuals Eligible for WIC in Puerto Rico and the Other Island Territories by Participant Group

Analogous to Table A.6 of the national estimates, 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 are fully eligible for WIC for the territories based on the PRCS data for Puerto Rico and the population estimates from the Census Bureau for the other island territories.

Table B.9: FNS Region Estimates of the Average Monthly Number of Infants and Children Eligible for WIC in the CPS-ASEC by Demographic Characteristics

This tables shows the estimates of total WIC-eligible infants and children by demographic and income characteristics in the CPS-ASEC. Note that these tables do not include infants and children from the territories. This table shows these characteristics using weights that have been fully adjusted, including adjustments for the under/over count in the CPS (population adjustment), monthly income and certification periods (annual-to-monthly adjustment), and nutritional risk. The numbers are shown as a single total count and the column percentages of eligible individuals by their demographic and income characteristics.

FNS Regions

Northeast

- Connecticut
- Maine
- Massachusetts
- New Hampshire
- New York
- Rhode Island
- Vermont

Mid-Atlantic

- Delaware
- District of Columbia
- Maryland
- New Jersey
- Pennsylvania
- Puerto Rico
- Virgin Islands
- Virginia
- West Virginia

Southeast

- Alabama
- Florida
- Georgia
- Kentucky
- Mississippi
- North Carolina
- South Carolina
- Tennessee

Midwest

- Illinois
- Indiana
- Michigan
- Minnesota
- Ohio
- Wisconsin

Southwest

- Arkansas
- Louisiana
- New Mexico

- Oklahoma
- Texas

Mountain Plains

- Colorado
- Iowa
- Kansas
- Missouri
- Montana
- Nebraska
- North Dakota
- South Dakota
- Utah
- Wyoming

Western

- Alaska
- American Samoa
- Arizona
- California
- Guam
- Hawaii
- Idaho
- Nevada
- Northern Mariana Islands
- Oregon
- Washington

Table B.1-2014: WIC Eligibles and Coverage Rates by State and FNS Region, CY 2014

	Eligibles	Participants	Coverage Rate		Eligibles	Participants	Coverage Rate
State^a							
Alabama	247,293	132,246	53.5%	New York	879,277	481,394	54.7%
Alaska	43,801	19,404	44.3%	North Carolina	497,584	254,297	51.1%
Arizona	336,949	172,305	51.1%	North Dakota	32,036	12,727	39.7%
Arkansas	173,571	83,392	48.0%	Ohio	496,898	249,309	50.2%
California	1,878,350	1,333,990	71.0%	Oklahoma	216,858	115,124	53.1%
Colorado	225,311	92,294	41.0%	Oregon	192,775	102,229	53.0%
Connecticut	121,575	52,381	43.1%	Pennsylvania	478,719	248,579	51.9%
Delaware	38,162	19,720	51.7%	Puerto Rico	206,450	171,567	83.1%
D.C.	30,508	14,412	47.2%	Rhode Island	40,883	21,919	53.6%
Florida	917,316	471,065	51.4%	South Carolina	238,589	113,940	47.8%
Georgia	555,959	271,058	48.8%	South Dakota	43,658	19,633	45.0%
Hawaii	64,621	33,323	51.6%	Tennessee	335,618	153,849	45.8%
Idaho	87,136	41,463	47.6%	Texas	1,548,001	911,615	58.9%
Illinois	550,981	265,258	48.1%	Utah	151,705	61,017	40.2%
Indiana	322,943	156,311	48.4%	Vermont	21,922	14,156	64.6%
Iowa	135,671	64,071	47.2%	Virginia	297,815	142,086	47.7%
Kansas	141,562	65,423	46.2%	Washington	319,465	181,776	56.9%
Kentucky	224,758	120,103	53.4%	West Virginia	83,381	43,250	51.9%
Louisiana	257,455	130,781	50.8%	Wisconsin	229,271	108,298	47.2%
Maine	44,153	22,651	51.3%	Wyoming	26,011	11,476	44.1%
Maryland	222,184	141,033	63.5%				
Massachusetts	202,022	114,662	56.8%	FNS Region^b			
Michigan	446,723	251,379	56.3%	Northeast	1,344,230	721,848	53.7%
Minnesota	192,085	121,761	63.4%	Mid-Atlantic	1,674,270	948,423	56.6%
Mississippi	170,819	89,411	52.3%	Southeast	3,187,936	1,605,968	50.4%
Missouri	268,989	138,420	51.5%	Midwest	2,238,901	1,152,317	51.5%
Montana	49,184	19,210	39.1%	Southwest	2,323,025	1,299,075	55.9%
Nebraska	76,257	39,238	51.5%	Mountain Plains	1,150,384	523,508	45.5%
Nevada	139,289	74,604	53.6%	Western	3,086,562	1,976,632	64.0%
New Hampshire	34,399	14,685	42.7%				
New Jersey	311,329	163,204	52.4%	Total	15,005,308	8,227,771	54.8%
New Mexico	127,139	58,163	45.7%				

Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, Census International Data Base, WIC Administrative Data

Notes:

^a State and regional eligibility estimates and participant data include those eligible for WIC and/or receiving WIC via Indian Tribal Organizations.

^b Estimates for the other island territories (territories other than Puerto Rico) are included in regional totals but not shown separately due to small sample constraints.

Table B.2-2014: WIC Eligibles and Coverage Rates by FNS Region and State, CY 2014^{a,b}

	Eligibles	Participants	Coverage Rate		Eligibles	Participants	Coverage Rate
Northeast	1,344,230	721,848	53.7%	Southwest	2,323,025	1,299,075	55.9%
Connecticut	121,575	52,381	43.1%	Arkansas	173,571	83,392	48.0%
Maine	44,153	22,651	51.3%	Louisiana	257,455	130,781	50.8%
Massachusetts	202,022	114,662	56.8%	New Mexico	127,139	58,163	45.7%
New Hampshire	34,399	14,685	42.7%	Oklahoma	216,858	115,124	53.1%
New York	879,277	481,394	54.7%	Texas	1,548,001	911,615	58.9%
Rhode Island	40,883	21,919	53.6%				
Vermont	21,922	14,156	64.6%	Mountain Plains	1,150,384	523,508	45.5%
				Colorado	225,311	92,294	41.0%
Mid-Atlantic	1,674,270	948,423	56.6%	Iowa	135,671	64,071	47.2%
Delaware	38,162	19,720	51.7%	Kansas	141,562	65,423	46.2%
D.C.	30,508	14,412	47.2%	Missouri	268,989	138,420	51.5%
Maryland	222,184	141,033	63.5%	Montana	49,184	19,210	39.1%
New Jersey	311,329	163,204	52.4%	Nebraska	76,257	39,238	51.5%
Pennsylvania	478,719	248,579	51.9%	North Dakota	32,036	12,727	39.7%
Puerto Rico	206,450	171,567	83.1%	South Dakota	43,658	19,633	45.0%
Virginia	297,815	142,086	47.7%	Utah	151,705	61,017	40.2%
West Virginia	83,381	43,250	51.9%	Wyoming	26,011	11,476	44.1%
Southeast	3,187,936	1,605,968	50.4%	Western	3,086,562	1,976,632	64.0%
Alabama	247,293	132,246	53.5%	Alaska	43,801	19,404	44.3%
Florida	917,316	471,065	51.4%	Arizona	336,949	172,305	51.1%
Georgia	555,959	271,058	48.8%	California	1,878,350	1,333,990	71.0%
Kentucky	224,758	120,103	53.4%	Hawaii	64,621	33,323	51.6%
Mississippi	170,819	89,411	52.3%	Idaho	87,136	41,463	47.6%
North Carolina	497,584	254,297	51.1%	Nevada	139,289	74,604	53.6%
South Carolina	238,589	113,940	47.8%	Oregon	192,775	102,229	53.0%
Tennessee	335,618	153,849	45.8%	Washington	319,465	181,776	56.9%
Midwest	2,238,901	1,152,317	51.5%	Total	15,005,308	8,227,771	54.8%
Illinois	550,981	265,258	48.1%				
Indiana	322,943	156,311	48.4%				
Michigan	446,723	251,379	56.3%				
Minnesota	192,085	121,761	63.4%				
Ohio	496,898	249,309	50.2%				
Wisconsin	229,271	108,298	47.2%				

Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, Census International Data Base, WIC Administrative Data

Notes:

^a State and regional eligibility estimates and participant data include those eligible for WIC and/or receiving WIC via Indian Tribal Organizations.

^b Estimates for the other island territories (territories other than Puerto Rico) are included in regional totals but not shown separately due to small sample constraints.

Table B.3-2014: WIC Eligibles and Coverage Rates by Region and Participant Group, CY 2014

	Infants	Children (Ages 1-4)	Pregnant Women	All Post-Partum Women	Total
Eligibles					
Northeast	218,523	837,926	142,520	145,262	1,344,230
Mid-Atlantic	272,098	1,053,757	177,461	170,953	1,674,270
Southeast	526,362	1,992,652	343,292	325,630	3,187,936
Midwest	368,281	1,392,932	240,192	237,496	2,238,901
Southwest	381,902	1,452,577	249,075	239,469	2,323,025
Mountain Plains	193,883	700,741	126,450	129,310	1,150,384
Western	490,700	1,917,087	320,033	358,742	3,086,562
Total	2,451,750	9,347,672	1,599,023	1,606,863	15,005,308
Participants					
Northeast	165,591	388,035	67,011	101,210	721,848
Mid-Atlantic	223,320	510,573	88,362	126,169	948,423
Southeast	409,213	797,632	164,510	234,613	1,605,968
Midwest	291,463	591,880	117,615	151,359	1,152,317
Southwest	325,214	634,431	133,497	205,934	1,299,075
Mountain Plains	131,034	264,577	51,867	76,030	523,508
Western	415,928	1,109,335	180,031	271,340	1,976,632
Total	1,961,762	4,296,463	802,892	1,166,655	8,227,771
Coverage Rates					
Northeast	75.8%	46.3%	47.0%	69.7%	53.7%
Mid-Atlantic	82.1%	48.5%	49.8%	73.8%	56.6%
Southeast	77.7%	40.0%	47.9%	72.0%	50.4%
Midwest	79.1%	42.5%	49.0%	63.7%	51.5%
Southwest	85.2%	43.7%	53.6%	86.0%	55.9%
Mountain Plains	67.6%	37.8%	41.0%	58.8%	45.5%
Western	84.8%	57.9%	56.3%	75.6%	64.0%
Total	80.0%	46.0%	50.2%	72.6%	54.8%

Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, Census International Data Base, WIC Administrative Data

Table B.4-2014: WIC Eligibles Standard Errors by State and FNS Region, CY 2014

	Eligibles	Standard Error	Coefficient of Variation ^a		Eligibles	Standard Error	Coefficient of Variation ^a
State^b							
Alabama	247,293	12,954	5.2%	New York	879,277	28,748	3.3%
Alaska	43,801	4,622	10.6%	North Carolina	497,584	19,586	3.9%
Arizona	336,949	15,970	4.7%	North Dakota	32,036	3,401	10.6%
Arkansas	173,571	10,318	5.9%	Ohio	496,898	18,943	3.8%
California	1,878,350	49,176	2.6%	Oklahoma	216,858	10,095	4.7%
Colorado	225,311	12,333	5.5%	Oregon	192,775	11,694	6.1%
Connecticut	121,575	8,811	7.2%	Pennsylvania	478,719	17,992	3.8%
Delaware	38,162	4,842	12.7%	Puerto Rico	206,450	12,055	5.8%
D.C.	30,508	4,162	13.6%	Rhode Island	40,883	4,811	11.8%
Florida	917,316	29,550	3.2%	South Carolina	238,589	13,144	5.5%
Georgia	555,959	21,576	3.9%	South Dakota	43,658	4,229	9.7%
Hawaii	64,621	6,575	10.2%	Tennessee	335,618	15,950	4.8%
Idaho	87,136	7,134	8.2%	Texas	1,548,001	42,518	2.7%
Illinois	550,981	21,454	3.9%	Utah	151,705	10,251	6.8%
Indiana	322,943	14,600	4.5%	Vermont	21,922	2,686	12.3%
Iowa	135,671	7,709	5.7%	Virginia	297,815	14,463	4.9%
Kansas	141,562	8,883	6.3%	Washington	319,465	15,569	4.9%
Kentucky	224,758	11,526	5.1%	West Virginia	83,381	6,703	8.0%
Louisiana	257,455	13,747	5.3%	Wisconsin	229,271	10,837	4.7%
Maine	44,153	4,424	10.0%	Wyoming	26,011	3,686	14.2%
Maryland	222,184	12,695	5.7%				
Massachusetts	202,022	11,652	5.8%	FNS Region^c			
Michigan	446,723	16,643	3.7%	Northeast	1,344,230	42,078	3.1%
Minnesota	192,085	9,780	5.1%	Mid-Atlantic	1,462,098	44,586	3.0%
Mississippi	170,819	10,971	6.4%	Southeast	3,187,936	79,485	2.5%
Missouri	268,989	13,145	4.9%	Midwest	2,238,901	60,590	2.7%
Montana	49,184	4,697	9.6%	Southwest	2,323,025	62,285	2.7%
Nebraska	76,257	5,851	7.7%	Mountain Plains	1,150,383	37,880	3.3%
Nevada	139,289	9,783	7.0%	Western	3,062,385	77,009	2.5%
New Hampshire	34,399	4,238	12.3%				
New Jersey	311,329	15,278	4.9%	Total	14,768,960	301,541	2.0%
New Mexico	127,139	9,381	7.4%				

Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, Census International Data Base, WIC Administrative Data

Notes:

^a The coefficient of variation is defined as the ratio of the standard deviation to the eligibility estimate.

^b State and regional eligibility estimates include those eligible for WIC via Indian Tribal Organizations.

^c Estimates for the territories, including Puerto Rico, are not included in regional totals or standard errors.

Table B.5-2014: WIC Eligibles Standard Errors by FNS Region and State, CY 2014^{a,b}

	Eligibles	Standard Error	Coefficient of Variation ^c		Eligibles	Standard Error	Coefficient of Variation ^c
Northeast	1,344,230	42,078	3.1%	Southwest	2,323,025	62,285	2.7%
Connecticut	121,575	8,811	7.2%	Arkansas	173,571	10,318	5.9%
Maine	44,153	4,424	10.0%	Louisiana	257,455	13,747	5.3%
Massachusetts	202,022	11,652	5.8%	New Mexico	127,139	9,381	7.4%
New Hampshire	34,399	4,238	12.3%	Oklahoma	216,858	10,095	4.7%
New York	879,277	28,748	3.3%	Texas	1,548,001	42,518	2.7%
Rhode Island	40,883	4,811	11.8%				
Vermont	21,922	2,686	12.3%	Mountain Plains	1,150,383	37,880	3.3%
				Colorado	225,311	12,333	5.5%
Mid-Atlantic	1,462,098	44,586	3.0%	Iowa	135,671	7,709	5.7%
Delaware	38,162	4,842	12.7%	Kansas	141,562	8,883	6.3%
D.C.	30,508	4,162	13.6%	Missouri	268,989	13,145	4.9%
Maryland	222,184	12,695	5.7%	Montana	49,184	4,697	9.6%
New Jersey	311,329	15,278	4.9%	Nebraska	76,257	5,851	7.7%
Pennsylvania	478,719	17,992	3.8%	North Dakota	32,036	3,401	10.6%
Virginia	297,815	14,463	4.9%	South Dakota	43,658	4,229	9.7%
West Virginia	83,381	6,703	8.0%	Utah	151,705	10,251	6.8%
				Wyoming	26,011	3,686	14.2%
Southeast	3,187,936	79,485	2.5%	Western	3,062,385	77,009	2.5%
Alabama	247,293	12,954	5.2%	Alaska	43,801	4,622	10.6%
Florida	917,316	29,550	3.2%	Arizona	336,949	15,970	4.7%
Georgia	555,959	21,576	3.9%	California	1,878,350	49,176	2.6%
Kentucky	224,758	11,526	5.1%	Hawaii	64,621	6,575	10.2%
Mississippi	170,819	10,971	6.4%	Idaho	87,136	7,134	8.2%
North Carolina	497,584	19,586	3.9%	Nevada	139,289	9,783	7.0%
South Carolina	238,589	13,144	5.5%	Oregon	192,775	11,694	6.1%
Tennessee	335,618	15,950	4.8%	Washington	319,465	15,569	4.9%
Midwest	2,238,901	60,590	2.7%	Total	14,768,960	301,541	2.0%
Illinois	550,981	21,454	3.9%				
Indiana	322,943	14,600	4.5%				
Michigan	446,723	16,643	3.7%				
Minnesota	192,085	9,780	5.1%				
Ohio	496,898	18,943	3.8%				
Wisconsin	229,271	10,837	4.7%				

Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, Census International Data Base, WIC Administrative Data

Notes:

^a State and regional eligibility estimates include those eligible for WIC via Indian Tribal Organizations.

^b Estimates for the territories, including Puerto Rico, are not included in regional totals or standard errors.

^c The coefficient of variation is defined as the ratio of the standard deviation to the eligibility estimate.

Table B.6-2014: WIC Eligibles Standard Errors by FNS Region and Participant Group, CY 2014

	Infants	Children (Ages 1-4)	Pregnant Women	All Post-Partum Women	Total
Eligibles^a					
Northeast	218,523	837,926	142,520	145,262	1,344,230
Mid-Atlantic	236,069	924,728	153,963	147,338	1,462,098
Southeast	526,362	1,992,652	343,292	325,630	3,187,936
Midwest	368,281	1,392,932	240,192	237,496	2,238,901
Southwest	381,902	1,452,577	249,075	239,469	2,323,025
Mountain Plains	193,883	700,741	126,450	129,310	1,150,383
Western	486,387	1,902,863	317,220	355,915	3,062,385
Total	2,411,407	9,204,419	1,572,711	1,580,422	14,768,960
Standard Error^a					
Northeast	17,507	33,754	11,418	8,489	42,078
Mid-Atlantic	18,454	36,117	12,036	8,214	44,586
Southeast	33,284	63,713	21,708	14,637	79,485
Midwest	25,345	48,451	16,530	11,811	60,590
Southwest	26,038	49,989	16,982	11,696	62,285
Mountain Plains	16,157	29,940	10,538	7,960	37,880
Western	31,295	61,451	20,410	17,850	77,009
Total	124,266	240,193	81,046	59,254	301,541
Coefficient of Variation^b					
Northeast	8.0%	4.0%	8.0%	5.8%	3.1%
Mid-Atlantic	7.8%	3.9%	7.8%	5.6%	3.0%
Southeast	6.3%	3.2%	6.3%	4.5%	2.5%
Midwest	6.9%	3.5%	6.9%	5.0%	2.7%
Southwest	6.8%	3.4%	6.8%	4.9%	2.7%
Mountain Plains	8.3%	4.3%	8.3%	6.2%	3.3%
Western	6.4%	3.2%	6.4%	5.0%	2.5%
Total	5.2%	2.6%	5.2%	3.7%	2.0%

Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, Census International Data Base, WIC Administrative Data

Notes:

^a Estimates for the territories, including Puerto Rico, are not included in regional totals or standard errors.

^b The coefficient of variation is defined as the ratio of the standard deviation to the eligibility estimate.

**Table B.7-2014: State-Specific Adjustment Factors for Estimating WIC Eligibility Among Postpartum Women Based on Eligibility Among Infants
CY 2014**

State	All Mothers		WIC Eligibles	
	Breastfeeding	Not Breastfeeding	Breastfeeding	Not Breastfeeding
Alabama	0.307	0.693	0.193	0.371
Alaska	0.621	0.379	0.616	0.161
Arizona	0.458	0.542	0.340	0.280
Arkansas	0.368	0.632	0.250	0.337
California	0.536	0.464	0.438	0.233
Colorado	0.563	0.437	0.408	0.243
Connecticut	0.497	0.503	0.369	0.277
Delaware	0.322	0.678	0.280	0.298
D.C.	0.423	0.577	0.241	0.344
Florida	0.448	0.552	0.366	0.276
Georgia	0.405	0.595	0.247	0.335
Hawaii	0.580	0.420	0.493	0.210
Idaho	0.549	0.451	0.435	0.231
Illinois	0.457	0.543	0.339	0.289
Indiana	0.432	0.568	0.315	0.294
Iowa	0.443	0.557	0.269	0.316
Kansas	0.432	0.568	0.270	0.312
Kentucky	0.358	0.642	0.249	0.339
Louisiana	0.304	0.696	0.190	0.367
Maine	0.519	0.481	0.335	0.280
Maryland	0.464	0.536	0.306	0.303
Massachusetts	0.471	0.529	0.311	0.295
Michigan	0.457	0.543	0.331	0.288
Minnesota	0.521	0.479	0.390	0.261
Mississippi	0.292	0.708	0.213	0.369
Missouri	0.441	0.559	0.328	0.286
Montana	0.542	0.458	0.390	0.242
Nebraska	0.489	0.511	0.316	0.289
Nevada	0.485	0.515	0.360	0.276
New Hampshire	0.510	0.490	0.342	0.272
New Jersey	0.416	0.584	0.318	0.303
New Mexico	0.489	0.511	0.395	0.257
New York	0.437	0.563	0.341	0.295
North Carolina	0.440	0.560	0.305	0.305
North Dakota	0.514	0.486	0.415	0.258
Ohio	0.404	0.596	0.265	0.326
Oklahoma	0.415	0.585	0.297	0.309
Oregon	0.583	0.417	0.474	0.208
Pennsylvania	0.433	0.567	0.291	0.314
Rhode Island	0.483	0.517	0.424	0.257
South Carolina	0.393	0.607	0.283	0.323
South Dakota	0.582	0.418	0.481	0.222
Tennessee	0.370	0.630	0.240	0.339
Texas	0.400	0.600	0.309	0.305
Utah	0.571	0.429	0.400	0.247
Vermont	0.544	0.456	0.379	0.254
Virginia	0.485	0.515	0.305	0.310
Washington	0.587	0.413	0.447	0.222
West Virginia	0.317	0.683	0.203	0.361
Wisconsin	0.500	0.500	0.356	0.277
Wyoming	0.560	0.440	0.532	0.200

Source: March 2012 CPS, March 2013 CPS, March 2014 CPS, and March 2015 CPS; postcensal Census estimates for March 2011-2014. Abbott Labs Breastfeeding Rates 2012-2014.

Table B.8-2014: Adjustments for Calculating the Average Monthly Number of Individuals Eligible for WIC in Puerto Rico and the Other Island Territories by Participant Group, CY 2014

		Children Age 1	Children Age 2	Children Age 3	Children Age 4	Total Children Ages 1-4	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women	Total
Puerto Rico										
Total number of infants/children in the 2012 PRCS	38,580	36,129	32,601	36,205	40,755	145,690				184,270
Number after adjustment for PRCS under/overcount	35,820	36,161	37,625	37,854	39,911	151,551				187,371
Number with annual income <185% FPG	30,863	29,154	29,017	30,238	32,376	120,785				151,648
Number of additional people adjunctively eligible above 185% FPG	850	1,326	1,063	1,291	1,074	4,755				5,604
Through SNAP ^a	336	703	246	646	533	2,127				2,463
Through TANF	0	58	0	0	0	58				58
Through Medicaid	513	566	817	645	542	2,569				3,083
Total number income and adjunctively eligible	31,712	30,480	30,079	31,529	33,451	125,540				157,252
Number after monthly income adjustment ^b	36,152	30,785	30,380	31,845	33,785	126,795				162,947
Total Eligibles - Number after adjustment for nutritional risk (infants and children)^c	35,068	30,477	30,076	31,526	33,447	125,527				160,595
Starting point for estimates of women is fully eligible infants							35,068	35,068	35,068	105,203
Number after adjustment for length of pregnancy and income of woman during pregnancy ^d							23,671			23,671
Number after adjustment for multiple births and infant deaths ^e							23,578	34,931	34,931	93,440
Number after adjustment for breastfeeding ^f								14,287	8,698	22,985
Total Eligibles - Number after adjustment for nutritional risk (pregnant and postpartum women)^c							22,871	14,287	8,698	45,856
Other Island Territories										
Number after the other islands full-eligibility factor ^g	4,770	4,503	4,456	4,408	4,362	17,728				22,498
Number after monthly income adjustment ^b	5,438	4,548	4,500	4,452	4,406	17,905				23,343
Total Eligibles - Number after adjustment for nutritional risk (infants and children)^c	5,275	4,502	4,455	4,407	4,361	17,726				23,001
Starting point for estimates of women is fully eligible infants							5,275	5,275	5,275	15,824
Number after adjustment for length of pregnancy and income of woman during pregnancy ^g							3,560			3,560
Number after adjustment for multiple births and infant deaths ^e							3,547	5,254	5,254	14,055
Number after adjustment for breastfeeding ^f								2,149	1,308	3,457
Total Eligibles - Number after adjustment for nutritional risk (pregnant and postpartum women)^c							3,440	2,149	1,308	6,897
Source: Census Bureau International Data Base See notes on page 2.										
Total Eligibles - U.S. Territories Total	40,342	34,979	34,532	35,934	37,809	143,253	26,311	16,436	10,006	236,349

Notes for Table B.8-2014:

FPG = Federal poverty guidelines

^a There is a hierarchy imposed on the number of infants and children adjunctively eligible for WIC. Any mention of SNAP receipt is coded as SNAP; if no mention of SNAP, but report TANF, coded as TANF. If no mention of SNAP or TANF, coded as Medicaid.

^b The SIPP-based multipliers used to adjust for monthly versus annual income and to account for certification periods are:

Infants:	1.14
Children:	1.01

^c The adjustment factors for nutritional risk by participant group are:

Infants	0.97
Children	0.99
Pregnant women	0.97
Postpartum breastfeeding women	1.00
Postpartum nonbreastfeeding women	1.00

^d The multiplier used to adjust for the length of pregnancy and a woman's income during pregnancy is:

Pregnancy length and income	0.675
-----------------------------	-------

^e The multiplier used to adjust for multiple births and infants deaths is:

Multiple births and infants death	0.9961
-----------------------------------	--------

^f The multipliers used to adjust for breastfeeding status are:

Less than 12 months who breastfeed	0.409
Less than 6 months who do not breastfeed	0.249

^g The full-eligibles to population factor for the Other Island Territories in CY2014 is:

Infants	0.792
Children	0.752

Table B.9-2014: Region Estimates of the Average Monthly Number of Infants and Children (Ages 1-4) Eligible for WIC by Income and Adjunctive Eligibility in the 2015 CPS-ASEC by Demographic Characteristics - CY 2014

Fully adjusted weights^a

NOTE: This table does not include estimates for the territories.

Region	Northeast			Mid-Atlantic			Southeast			Midwest		
	WIC Eligible Infants	WIC Eligible Children Age 1-4	WIC Eligible Infants and Children	WIC Eligible Infants	WIC Eligible Children Age 1-4	WIC Eligible Infants and Children	WIC Eligible Infants	WIC Eligible Children Age 1-4	WIC Eligible Infants and Children	WIC Eligible Infants	WIC Eligible Children Age 1-4	WIC Eligible Infants and Children
Total	198,825	869,819	1,068,643	186,518	883,214	1,069,732	612,991	2,035,664	2,648,655	439,517	1,440,639	1,880,155
Gender												
Male	57.8%	53.8%	54.5%	44.4%	55.4%	53.5%	53.0%	49.6%	50.4%	49.3%	53.2%	52.3%
Female	42.2%	46.2%	45.5%	55.6%	44.6%	46.5%	47.0%	50.4%	49.6%	50.7%	46.8%	47.7%
Race												
White	71.9%	67.6%	68.4%	69.4%	62.4%	63.6%	58.9%	58.1%	58.3%	60.0%	67.6%	65.8%
Black	12.8%	18.9%	17.7%	19.3%	26.7%	25.4%	32.5%	33.0%	32.9%	28.2%	18.8%	21.0%
Other	15.3%	13.5%	13.9%	11.3%	10.9%	11.0%	8.6%	8.9%	8.8%	11.8%	13.6%	13.2%
Ethnicity												
Hispanic	28.2%	28.9%	28.8%	18.5%	25.4%	24.2%	19.5%	22.0%	21.4%	22.7%	19.3%	20.1%
Non-Hispanic	71.8%	71.1%	71.2%	81.5%	74.6%	75.8%	80.5%	78.0%	78.6%	77.3%	80.7%	79.9%
Living arrangement												
2 parent family	70.7%	62.1%	63.7%	78.4%	59.3%	62.6%	58.4%	52.0%	53.5%	58.1%	57.3%	57.5%
Single parent family	26.3%	34.2%	32.7%	18.7%	36.3%	33.3%	38.3%	40.7%	40.1%	38.6%	37.6%	37.8%
No parent family	3.0%	3.7%	3.6%	2.9%	4.4%	4.2%	3.3%	7.3%	6.4%	3.4%	5.1%	4.7%
Related non-parent caretaker	2.9%	2.8%	2.8%	2.9%	4.3%	4.0%	2.0%	4.3%	4.3%	0.7%	3.4%	2.8%
Unrelated non-parent caretaker	0.2%	0.9%	0.8%	0.0%	0.1%	0.1%	1.3%	2.3%	2.1%	2.7%	1.7%	1.9%
Household size (number of persons)												
2	1.4%	5.2%	4.5%	1.0%	4.8%	4.1%	4.1%	5.6%	5.3%	9.3%	6.1%	6.9%
3	23.7%	20.6%	21.2%	15.2%	16.2%	16.0%	30.5%	22.3%	24.2%	25.1%	21.4%	22.2%
4	33.6%	32.3%	32.6%	37.1%	32.1%	33.0%	32.5%	27.6%	28.7%	22.3%	26.1%	25.2%
5	20.8%	21.8%	21.6%	21.3%	23.1%	22.8%	15.5%	18.9%	18.1%	18.0%	21.9%	21.0%
6 or more	20.4%	20.1%	20.1%	25.5%	23.8%	24.1%	17.5%	25.6%	23.8%	25.4%	24.5%	24.7%
% with working parent(s)	81.8%	79.5%	79.9%	71.8%	72.8%	72.6%	66.4%	68.9%	68.3%	69.6%	76.0%	74.5%
Annual family income relative to poverty^b												
Less than 50% FPL	13.1%	14.5%	14.2%	10.5%	12.1%	11.8%	22.3%	22.3%	22.3%	16.7%	14.4%	15.0%
50% to <100% FPL	18.8%	16.8%	17.2%	24.5%	17.5%	18.7%	19.3%	20.5%	20.3%	18.3%	20.1%	19.7%
100% to <130% FPL	11.9%	11.6%	11.6%	11.5%	14.1%	13.6%	12.0%	13.8%	13.4%	12.2%	12.5%	12.4%
130% to <185% FPL ^d	13.0%	20.8%	19.4%	24.9%	24.3%	24.4%	20.1%	19.3%	19.5%	24.9%	23.0%	23.4%
185% to <200% FPL	0.4%	4.0%	3.3%	4.4%	2.1%	2.5%	2.7%	4.0%	3.7%	1.5%	3.4%	3.0%
200% to <250% FPL	10.4%	6.2%	6.9%	8.6%	9.1%	9.0%	9.5%	6.1%	6.9%	8.6%	9.0%	8.9%
250% FPL and above	32.4%	26.2%	27.4%	15.6%	20.7%	19.9%	14.1%	13.9%	14.0%	17.7%	17.6%	17.6%
Benefit receipt												
No benefit receipt	12.0%	9.6%	10.1%	14.4%	16.5%	16.1%	13.0%	17.0%	16.0%	15.3%	17.6%	17.1%
SNAP & TANF & Medicaid	8.5%	7.7%	7.9%	5.0%	7.2%	6.8%	3.6%	2.4%	2.7%	6.6%	3.0%	3.9%
SNAP & TANF	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SNAP & Medicaid	26.2%	28.3%	27.9%	27.7%	28.3%	28.2%	43.4%	40.4%	41.1%	32.2%	34.3%	33.8%
TANF & Medicaid	0.0%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	1.0%	0.7%	0.4%	0.4%	0.4%
SNAP only	11.1%	6.9%	7.7%	4.0%	5.6%	5.3%	8.1%	6.3%	6.7%	5.1%	4.6%	4.7%
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	42.1%	47.0%	46.1%	48.9%	42.4%	43.5%	31.9%	33.0%	32.7%	40.4%	40.0%	40.1%

Source: 2015 CPS-ASEC, 2014 ACS

Table B.9-2014: Region Estimates of the Average Monthly Number of Infants and Children (Ages 1-4) Eligible for WIC by Income and Adjunctive Eligibility in the 2015 CPS-ASEC by Demographic Characteristics - CY 2014

Fully adjusted weights^a

NOTE: This table does not include estimates for the territories.

Region	Southwest			Mountain Plains			Western			Total		
	WIC Eligible Infants	WIC Eligible Children Age 1-4	WIC Eligible Infants and Children	WIC Eligible Infants	WIC Eligible Children Age 1-4	WIC Eligible Infants and Children	WIC Eligible Infants	WIC Eligible Children Age 1-4	WIC Eligible Infants and Children	WIC Eligible Infants	WIC Eligible Children Age 1-4	WIC Eligible Infants and Children
Total	347,197	1,497,507	1,844,704	192,328	663,931	856,259	434,032	1,813,646	2,247,678	2,411,407	9,204,419	11,615,827
Gender												
Male	51.7%	47.0%	47.9%	52.9%	54.5%	54.2%	47.2%	50.6%	49.9%	50.8%	51.3%	51.2%
Female	48.3%	53.0%	52.1%	47.1%	45.5%	45.8%	52.8%	49.4%	50.1%	49.2%	48.7%	48.8%
Race												
White	71.6%	67.9%	68.6%	74.7%	74.4%	74.5%	76.4%	72.6%	73.4%	67.2%	66.5%	66.7%
Black	18.0%	21.2%	20.6%	16.3%	13.1%	13.8%	7.5%	9.4%	9.0%	21.2%	20.8%	20.9%
Other	10.3%	11.0%	10.9%	9.0%	12.5%	11.7%	16.1%	18.0%	17.6%	11.6%	12.7%	12.4%
Ethnicity												
Hispanic	53.4%	46.1%	47.5%	22.0%	20.5%	20.9%	56.5%	55.5%	55.7%	32.5%	33.0%	32.9%
Non-Hispanic	46.6%	53.9%	52.5%	78.0%	79.5%	79.1%	43.5%	44.5%	44.3%	67.5%	67.0%	67.1%
Living arrangement												
2 parent family	61.4%	52.8%	54.4%	65.3%	62.7%	63.3%	65.0%	66.8%	66.4%	63.1%	58.3%	59.3%
Single parent family	34.2%	42.2%	40.7%	31.9%	33.6%	33.2%	30.5%	30.2%	30.3%	33.3%	36.9%	36.1%
No parent family	4.3%	5.0%	4.9%	2.8%	3.7%	3.5%	4.5%	3.0%	3.3%	3.6%	4.9%	4.6%
Related non-parent caretaker	2.5%	4.1%	3.8%	2.4%	1.7%	1.9%	2.9%	2.2%	2.4%	2.2%	3.6%	3.3%
Unrelated non-parent caretaker	1.9%	0.9%	1.1%	0.4%	1.9%	1.6%	1.6%	0.7%	0.9%	1.4%	1.3%	1.3%
Household size (number of persons)												
2	3.2%	3.9%	3.7%	1.1%	6.0%	4.9%	3.2%	3.4%	3.3%	4.0%	4.9%	4.7%
3	24.2%	20.0%	20.8%	28.3%	19.7%	21.6%	16.8%	17.5%	17.4%	24.2%	19.9%	20.8%
4	32.5%	26.6%	27.7%	23.6%	29.5%	28.2%	23.6%	28.3%	27.4%	28.8%	28.4%	28.4%
5	17.5%	24.7%	23.4%	22.9%	23.3%	23.2%	24.0%	23.7%	23.8%	19.2%	22.3%	21.6%
6 or more	22.6%	24.8%	24.4%	24.0%	21.5%	22.1%	32.5%	27.1%	28.2%	23.8%	24.6%	24.4%
% with working parent(s)	70.3%	71.1%	70.9%	71.6%	79.8%	78.0%	61.3%	72.2%	70.1%	68.7%	73.2%	72.3%
Annual family income relative to poverty ^b												
Less than 50% FPL	18.1%	19.3%	19.1%	12.4%	15.4%	14.7%	12.5%	14.0%	13.7%	16.5%	16.7%	16.7%
50% to <100% FPL	18.8%	24.3%	23.3%	17.7%	17.7%	17.7%	24.3%	21.6%	22.1%	20.2%	20.5%	20.4%
100% to <130% FPL	14.0%	13.8%	13.8%	10.9%	13.9%	13.3%	13.4%	14.6%	14.4%	12.4%	13.6%	13.3%
130% to <185% FPL ^d	26.2%	18.3%	19.8%	25.7%	24.3%	24.6%	21.8%	19.7%	20.1%	22.4%	20.8%	21.1%
185% to <200% FPL	2.2%	2.6%	2.7%	3.1%	3.1%	3.1%	4.5%	3.8%	3.9%	2.7%	3.4%	3.3%
200% to <250% FPL	4.2%	7.2%	6.6%	10.4%	8.6%	9.0%	10.7%	9.1%	9.4%	8.8%	7.8%	8.0%
250% FPL and above	16.5%	14.5%	14.9%	19.8%	16.8%	17.5%	12.8%	17.2%	16.4%	17.0%	17.3%	17.2%
Benefit receipt												
No benefit receipt	13.7%	15.9%	15.5%	14.7%	19.3%	18.3%	18.3%	13.0%	14.0%	14.7%	15.5%	15.4%
SNAP & TANF & Medicaid	1.6%	3.0%	2.7%	2.2%	4.7%	4.1%	4.5%	8.5%	7.7%	4.4%	4.9%	4.8%
SNAP & TANF	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SNAP & Medicaid	35.5%	38.4%	37.9%	26.6%	30.6%	29.7%	37.0%	29.2%	30.7%	35.1%	33.9%	34.1%
TANF & Medicaid	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.5%	0.8%	0.7%	0.2%	0.5%	0.4%
SNAP only	6.3%	4.2%	4.6%	8.6%	6.4%	6.9%	4.6%	3.9%	4.1%	6.7%	5.2%	5.5%
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	42.9%	38.4%	39.3%	47.8%	38.7%	40.8%	35.1%	44.6%	42.8%	39.0%	39.9%	39.7%

Source: 2015 CPS-ASEC, 2014 ACS

Notes for Table B.9:

FPG - Federal Poverty Guidelines

FPL - Federal Poverty Level

^a These estimates are tabulated from the fully adjusted person weights on the 2015 CPS-ASEC. They are adjusted to account for the under or over count of infants and children in the CPS relative to Census estimates, monthly income, or nutritional risk.

^b This table uses both the Federal Poverty Guidelines (FPG) and the Federal Poverty Thresholds or "Levels" (FPL). The thresholds are used to calculate the ratio of annual family income to the poverty "Levels" (FPL). The thresholds are used to calculate the ratio of annual family income to the poverty threshold for their family size. The guidelines are used in determining WIC eligibility.

^c There are infants and children adjunctively eligible for WIC with annual family incomes above 185 percent of the Federal Poverty Guidelines (FPG) who have annual family incomes below 185% of the Federal Poverty Level (FPL).

This page was left intentionally blank.

Appendix C Coverage Rate Maps

The maps in this appendix display WIC coverage rates at the State and regional levels. A coverage rate is defined here as the number of individuals participating in the WIC program divided by the number estimated to be eligible. For 2014, coverage rate maps are shown at the regional level for all participants and for each of four subgroups—infants, children, pregnant women, and postpartum women. Coverage rate maps are also shown at the State level for 2014 for the same four subgroups (note: the map showing all groups includes Puerto Rico while the others do not). The maps are listed individually below.

FNS Region Level Coverage Rate

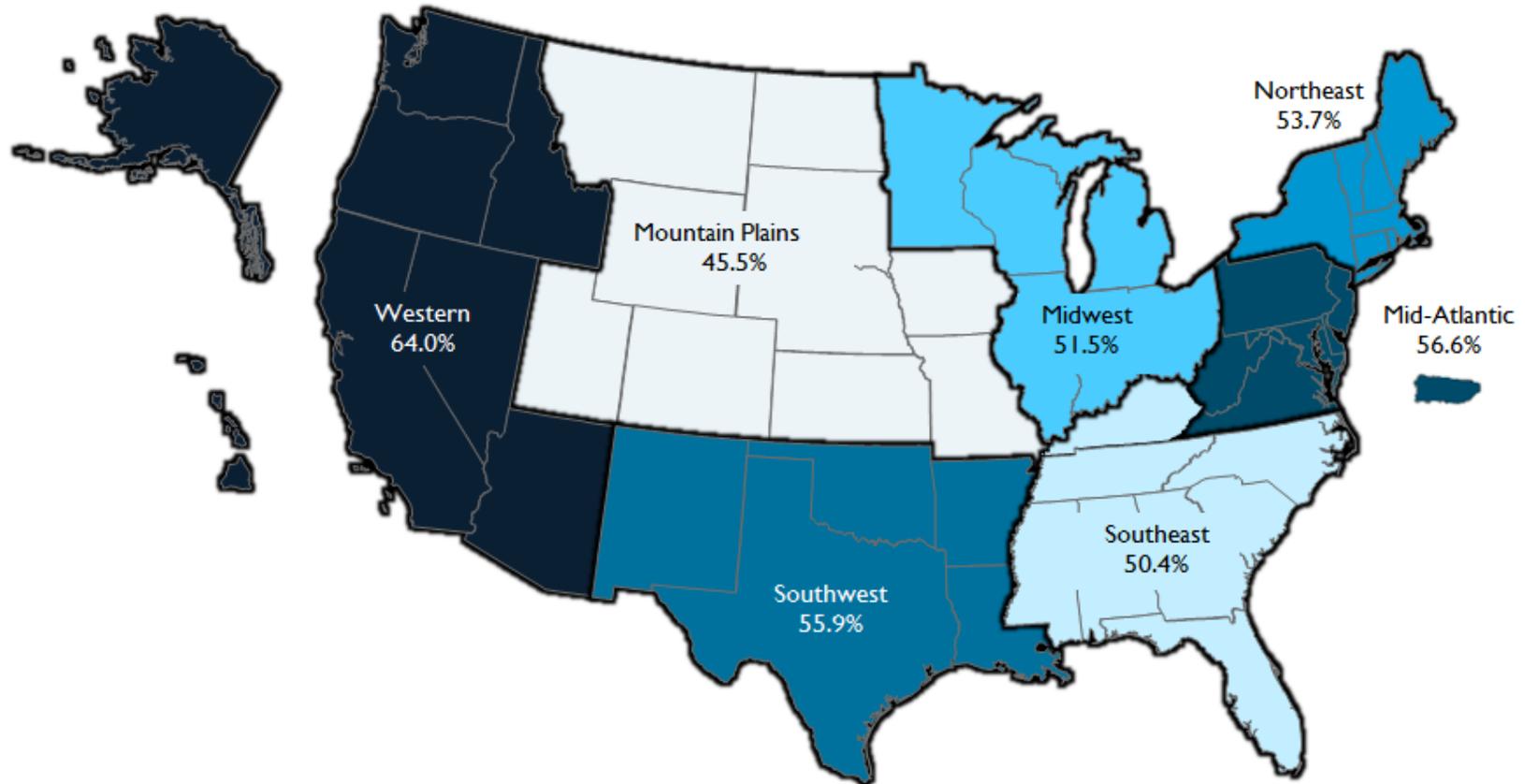
- C.1 – All Groups
- C.2 – Infants
- C.3 – Children (Ages 1-4)
- C.4 – Pregnant Women
- C.5 – Postpartum Women

State Level Coverage Rate

- C.6– All Groups
- C.7– Infants
- C.8– Children (Ages 1-4)
- C.9– Pregnant Women
- C.10– Postpartum Women

Figure C-1. WIC Coverage Rate for All Participants by FNS Region, CY 2014

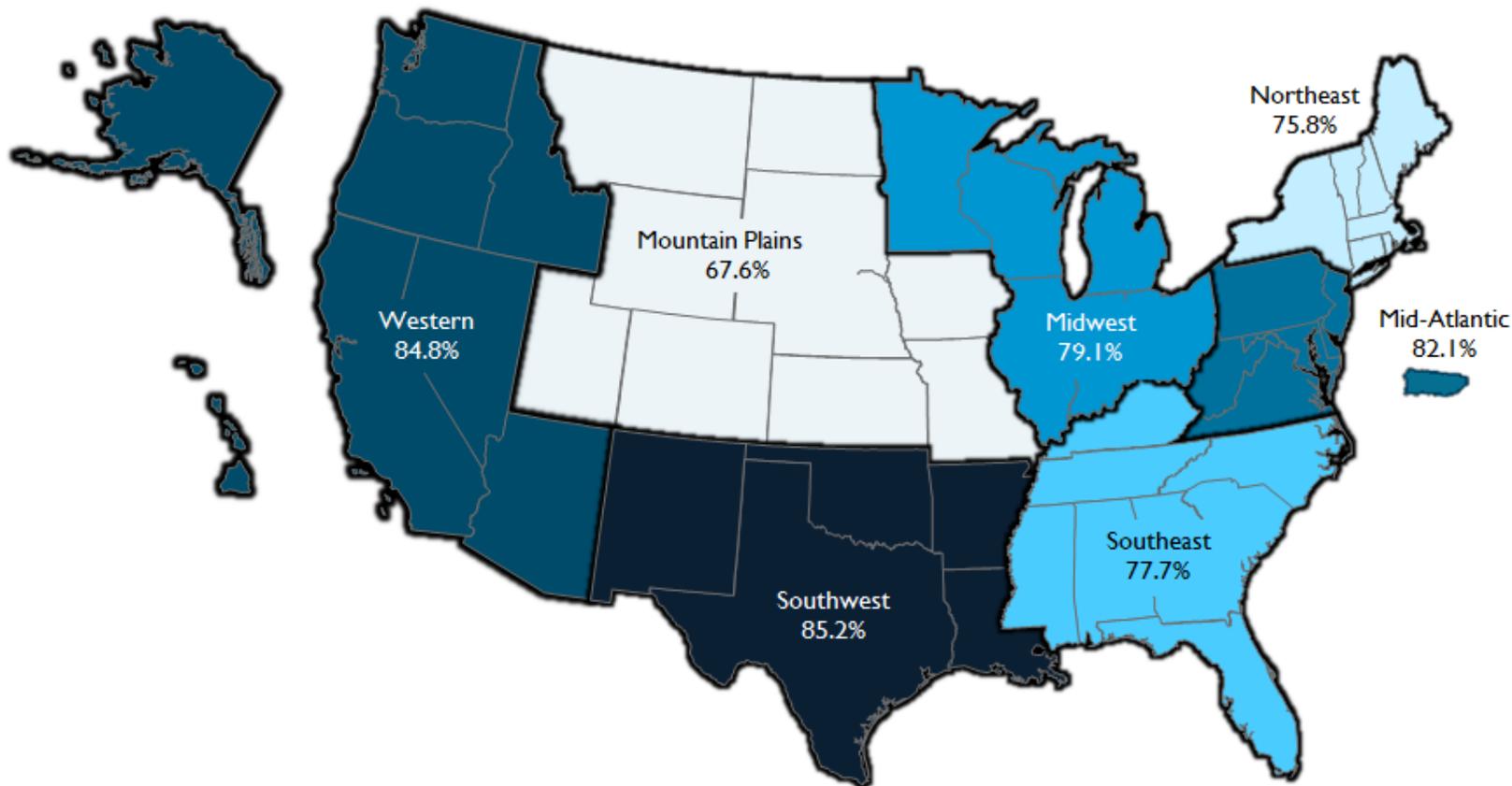
National Coverage Rate (All States, D.C., and Territories): 54.8%



Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, WIC Administrative Data

Figure C-2. WIC Coverage Rate for Infants by FNS Region, CY 2014

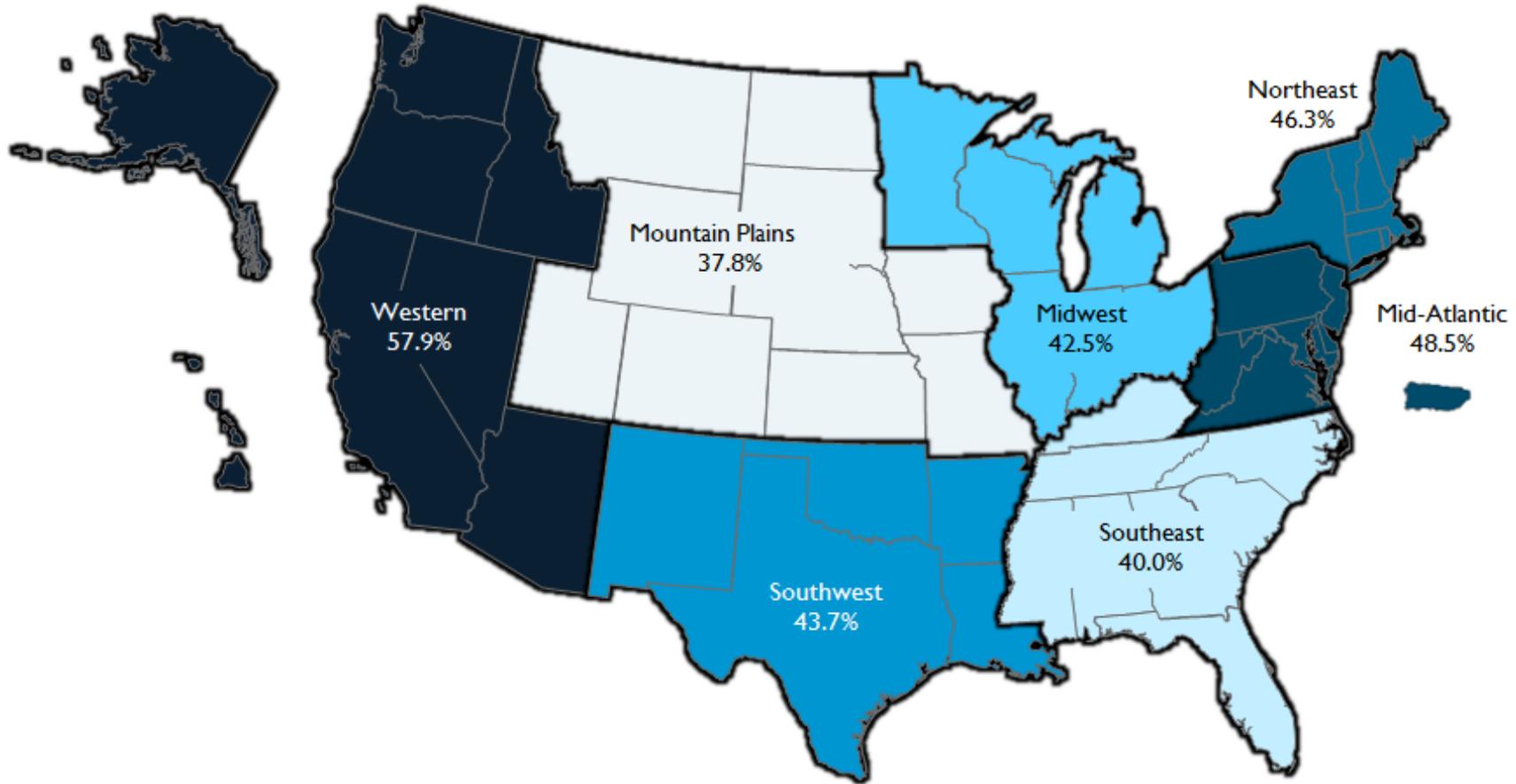
National Coverage Rate (All States, D.C., and Territories): 80.0%



Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, WIC Administrative Data

Figure C-3. WIC Coverage Rate for Children (Ages 1-4) by FNS Region, CY 2014

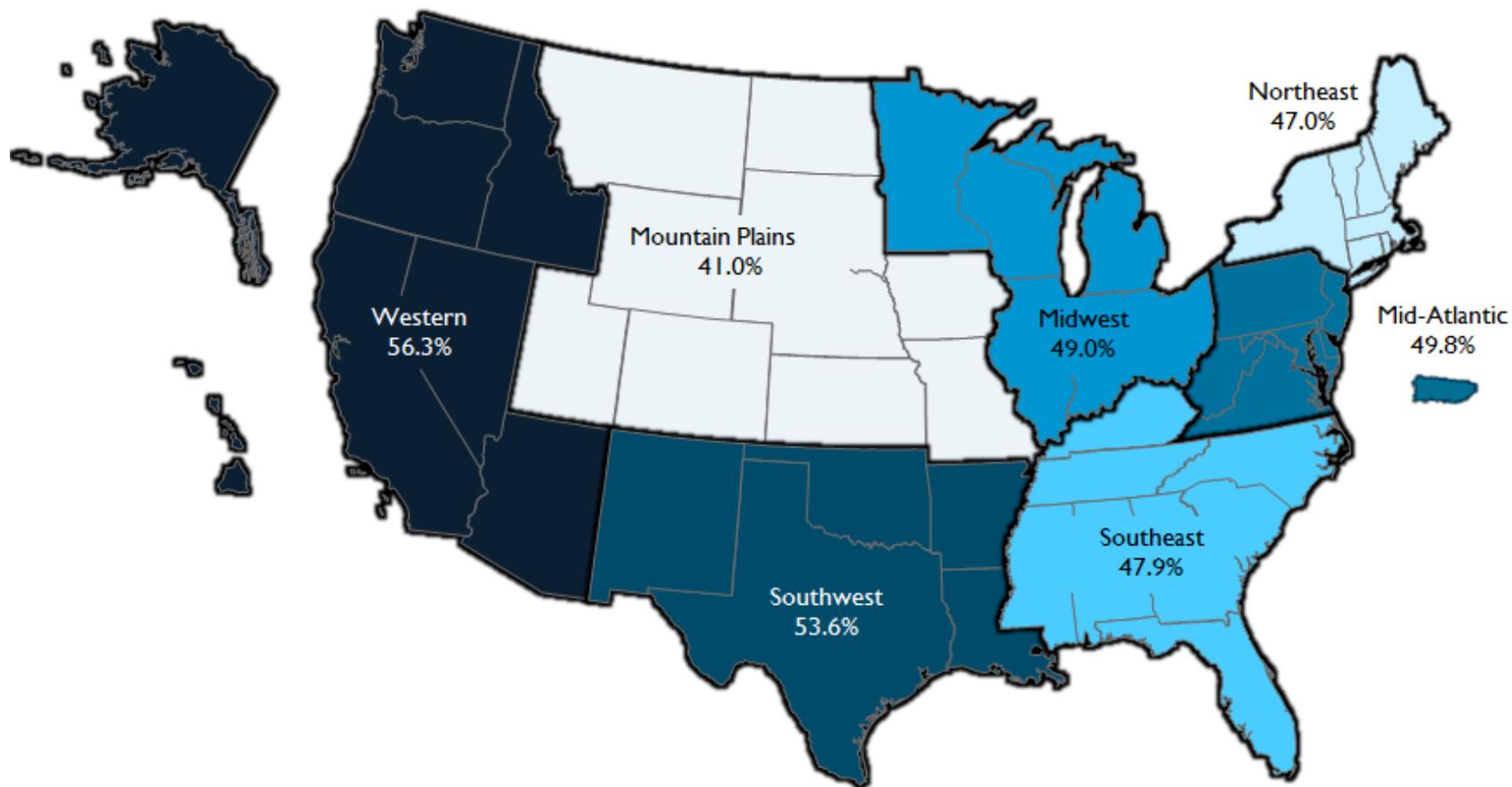
National Coverage Rate (All States, D.C., and Territories): 46.0%



Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, WIC Administrative Data

Figure C-4. WIC Coverage Rate for Pregnant Women by FNS Region, CY 2014

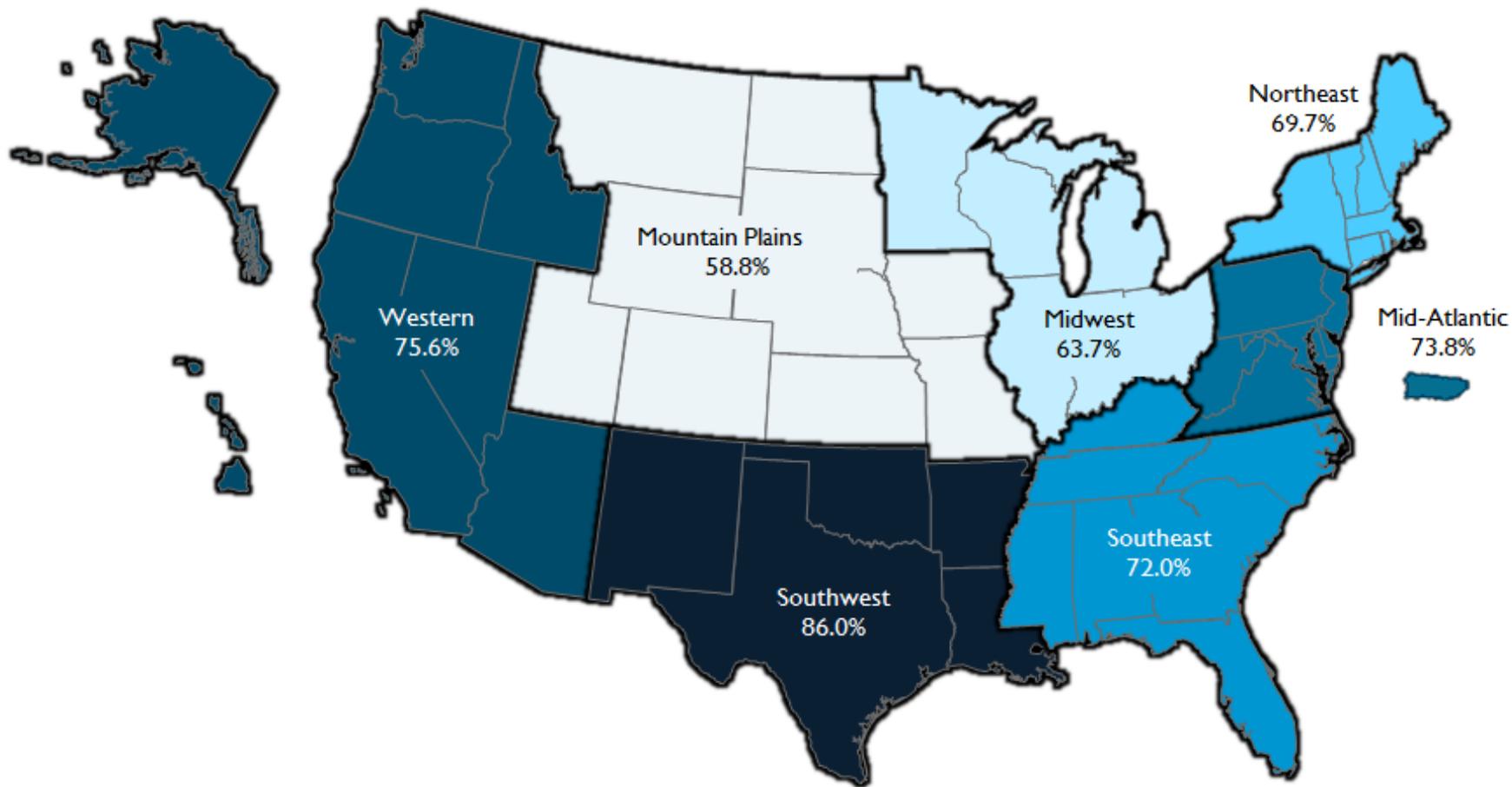
National Coverage Rate (All States, D.C., and Territories): 50.2%



Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, WIC Administrative Data

Figure C-5. WIC Coverage Rate for All Postpartum Women by FNS Region, CY 2014

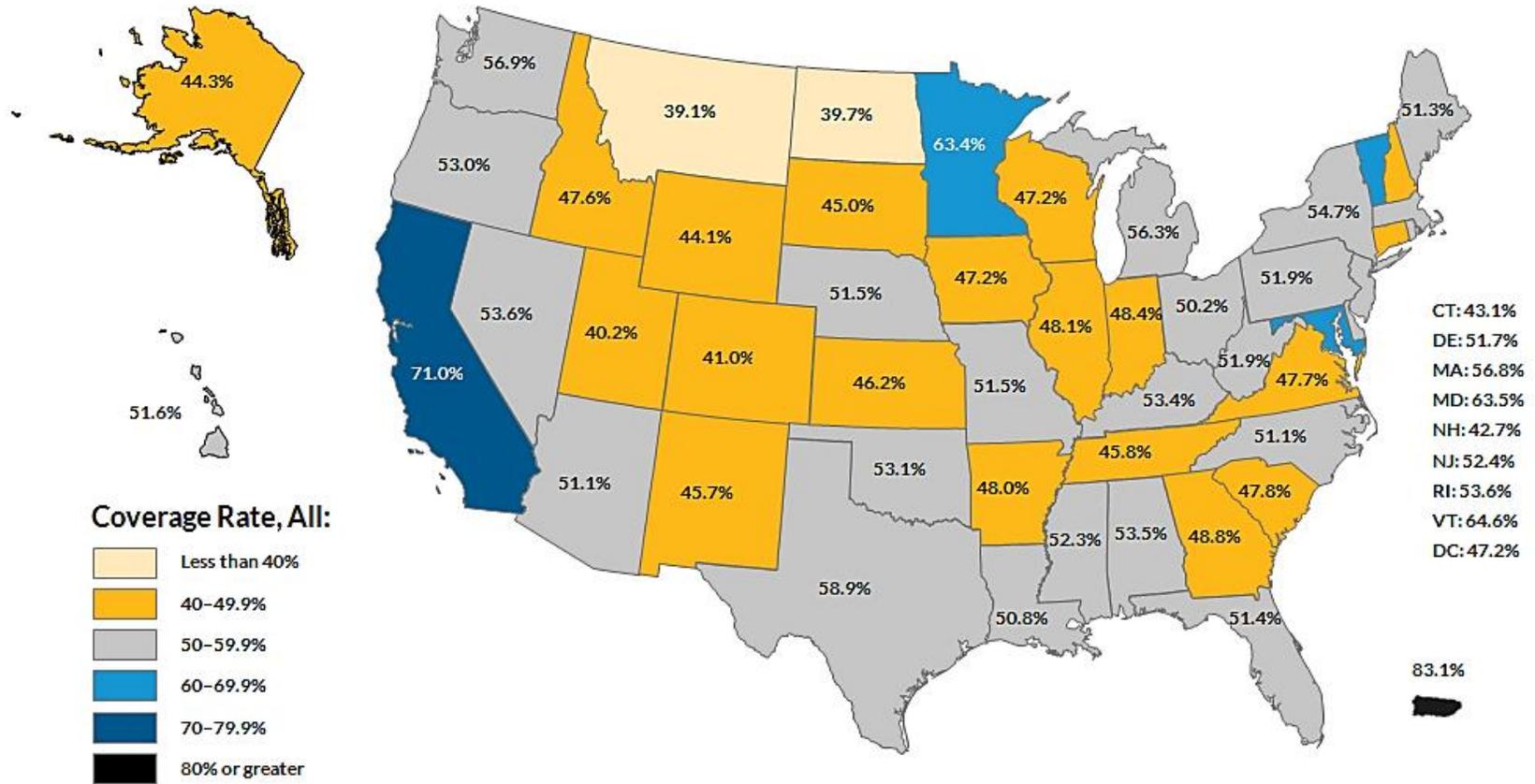
National Coverage Rate (All States, D.C., and Territories): 72.6%



Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, WIC Administrative Data

Figure C-6. WIC Coverage Rate for All Participants by State, CY 2014

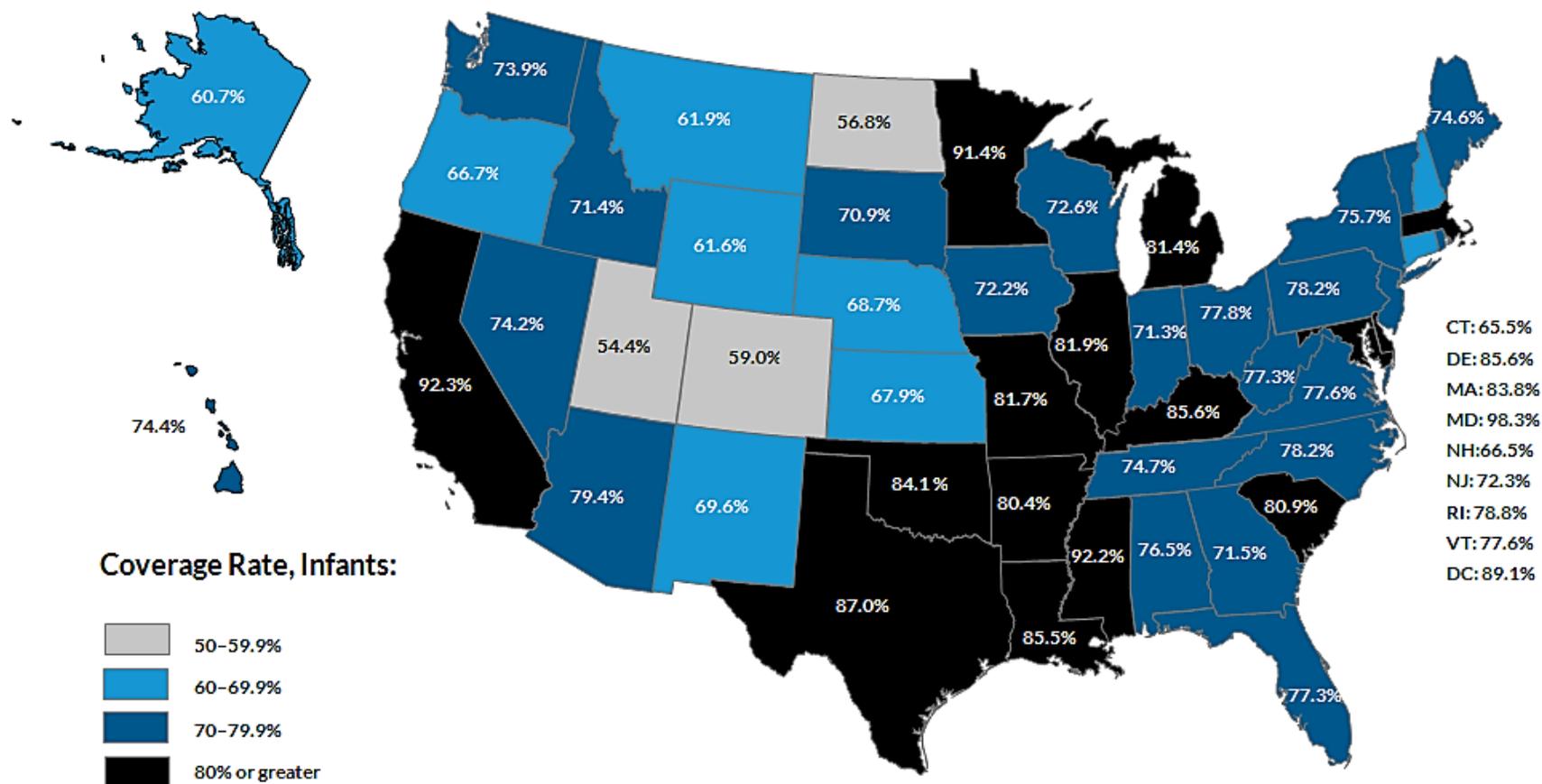
National Coverage Rate (All States, D.C., and Territories): 54.8%



Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, WIC Administrative Data

Figure C-7. WIC Coverage Rate for Infants by State, CY 2014

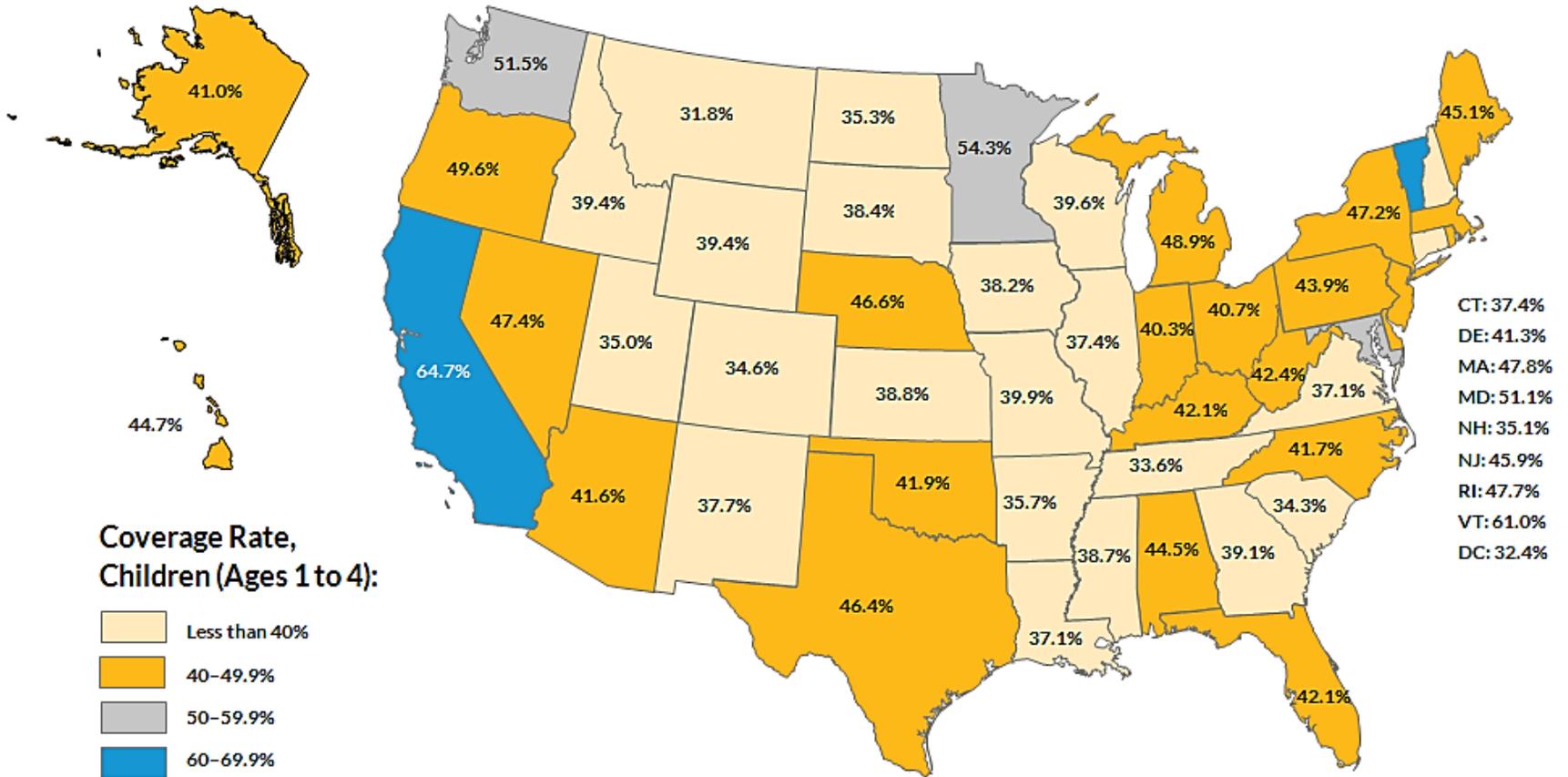
National Coverage Rate (All States, D.C., and Territories): 80.0%



Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, WIC Administrative Data

Figure C-8. WIC Coverage Rate for Children by State, CY 2014

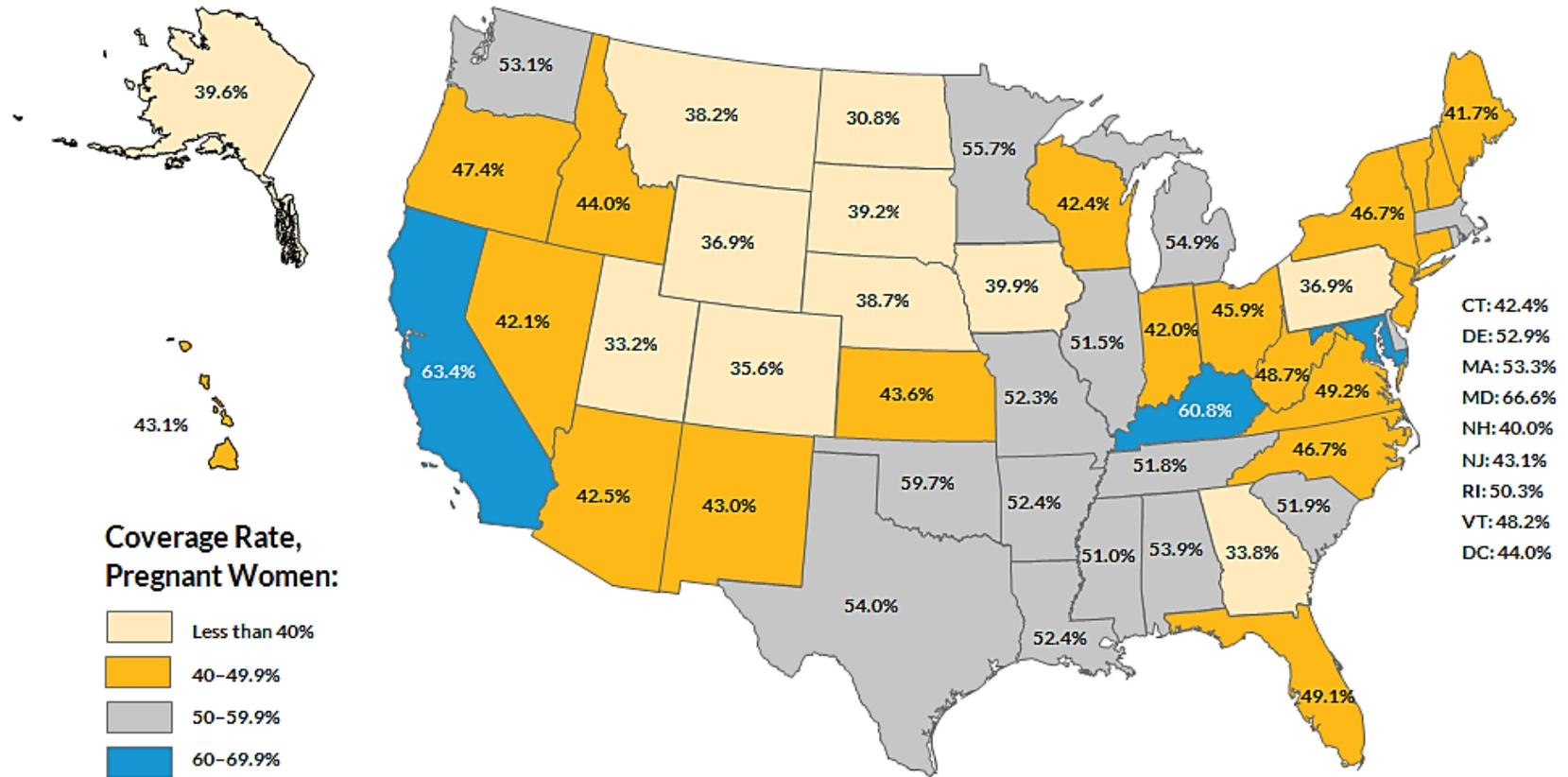
National Coverage Rate (All States, D.C., and Territories): 46.0%



Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, WIC Administrative Data

Figure C-9. WIC Coverage Rate for Pregnant Women by State, CY 2014

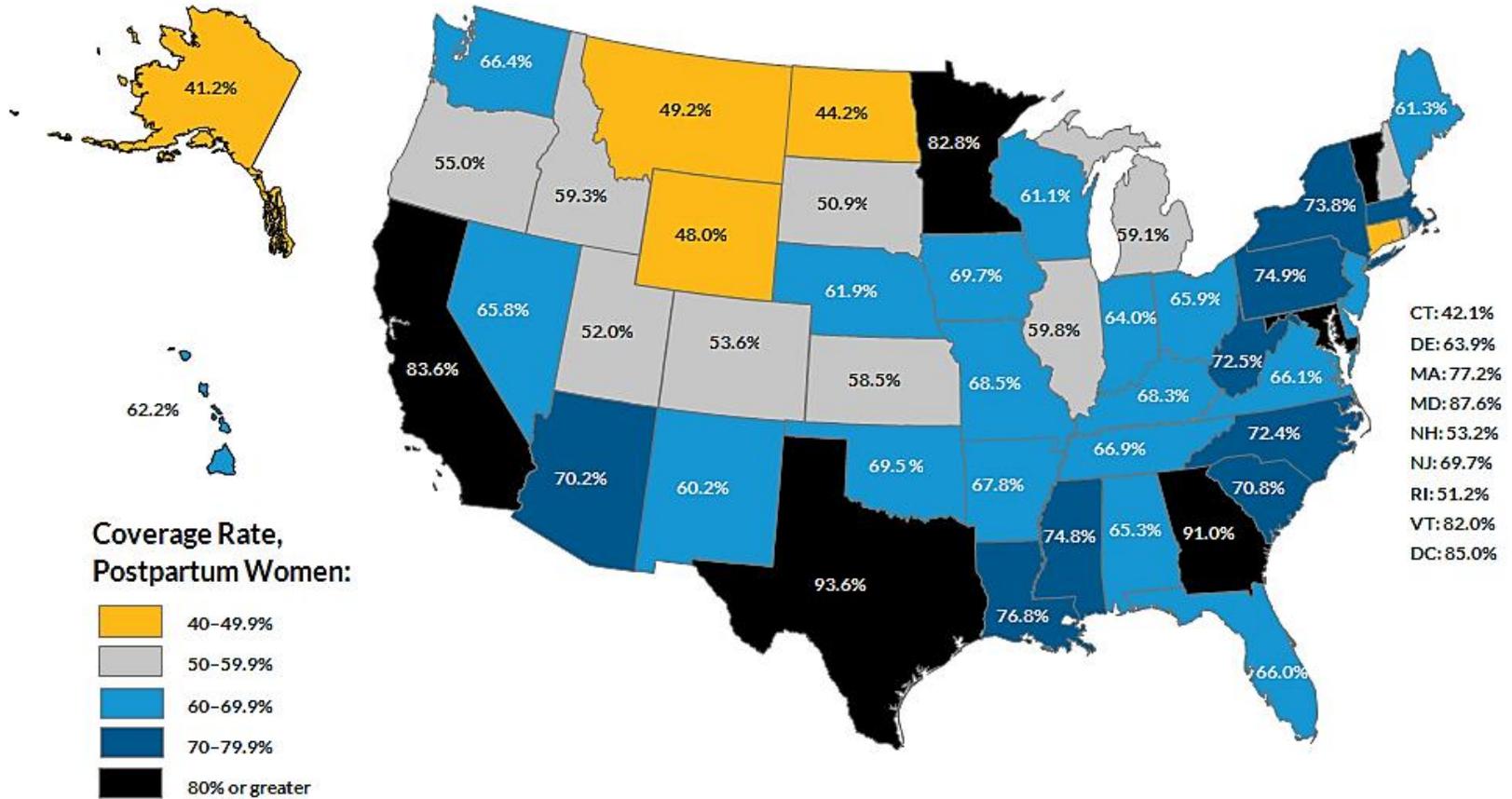
National Coverage Rate (All States, D.C., and Territories): 50.2%



Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, WIC Administrative Data

Figure C-10. WIC Coverage Rate for Postpartum Women by State, CY 2014

National Coverage Rate (All States, D.C., and Territories): 72.6%



Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, WIC Administrative Data

This page was left intentionally blank.

Appendix D

Updated Methods and Results for WIC Eligibility, 2005 through 2013

As part of this year's work, we made numerous adjustments to the methods, which were applied to prior years' data to create a consistent series of estimates for the period 2005 through 2014. This appendix provides more details on the methodological changes, presents the new cross-time series, and discusses the changes from the prior results.

Updated Methods

Numerous changes were made to the methods for estimating WIC eligibility for purposes of the estimates in this report. These new methods were used not only the new 2014 estimates, but also the revised estimates for 2005 through 2013. In brief, the changes were:

Infant and child weight adjustments

- We now use the four racial/ethnic subgroups in developing the weight adjustments for the national (CPS) survey data—white-only non-Hispanic, black-only non-Hispanic, Hispanic, and all other.¹
- In all years, we use a refinement to the formula for the weight adjustment that was first used for the 2011 estimates.

Economic unit for eligibility determination

- In estimating which members of the household (in the survey data) would be considered to be part of the economic unit, we now assume that unmarried partners and their dependents would be included. *(This is solely a methodological change; there has been no change in the program's definition of the economic unit.)*

Annual to monthly adjustment factors for infants and children

- We developed a method to create a more smooth set of factors across the years.
- The factors now vary by two race/ethnicity groups: white-only non-Hispanics and non-white or Hispanic.
- We adjusted the children's factors for adoption of 12-month certification starting in 2011.

Pregnancy adjustment factor

- We used 0.90 as the factor to adjust for differences in the eligibility rate for pregnancy months compared with months of infancy.

¹ State-level population estimates are not available by race/ethnicity for specific years of age and genders, so the State-level weight adjustments do not vary by race/ethnicity.

National-level breastfeeding rates and breastfeeding-cessation adjustment factor

- The national breastfeeding estimates used for each year's WIC eligibility estimates now come from the National Immunization Survey.

Adjustment factor for loss of eligibility during postpartum period

- For the 2014 estimates, we assumed a factor of 1.0. For the intervening years, we interpolated between 0.94 and 1.0.

State-level breastfeeding rates

- The new methods use a three-year average of breastfeeding rates from the Abbott data.

The changes are summarized in Table D.1, and discussed in more depth in Volume 1.

The Updated Series

Combining the updated 2005 through 2013 estimates with the newly-estimated 2014 estimates, a consistent cross-time series of estimates can be analyzed. Three key aspects of the new estimates are shown in Table D.2 and D.3, as follows:

Table D.2: Population Eligible for WIC Benefits: 2005-2014

This table displays a time series of the population eligible for WIC benefits for the total U.S. by year.

Table D.3: Coverage Rates by FNS Region and Participant Group: 2005-2014

This table displays a time series of the coverage rate for each WIC participant group by FNS region and the U.S. by year.

Table D.4: Coverage Rates by State: 2005-2014

This table displays the overall WIC coverage rates at the State level across the years from 2005 through 2014. (The total estimates that are shown reflect only the fifty States and DC; they do not include the territories.)

Table D.1: Summary of Changes to Methods: 2005 to 2014

	PRIOR METHODS 2005-2013	NEW METHODS FOR 2014 AND FOR 2005-2013 RE-ESTIMATION
NATIONAL		
age 0-4 weight adjustment		
computation method	Ratio of 4 years of Census population estimates to 4 years of CPS-ASEC counts (updated annually). In 2011, a refinement was added where an adjustment is only made if a comparison of single-year Census and CPS data confirms the direction of the adjustment.	No change from methods used starting in 2011. (Refinement originally used for 2001 forward was also applied to the 2005-2010 estimates.)
demographic groups	From 2005-2010, for each exact age (0-4), 6 factors: sex * 3 racial groups (white, black, other). From 2011-2013, change race groups to white-only, black-only, other	Use 4 groups: white-only non-Hisp., black-only non-Hisp., Hispanic, other
age 0-4 income eligibility	Compute from CPS data	Modify the way that economic unit is operationalized to include the unmarried partner of the WIC children's parent, and any dependents of the unmarried partner.
age 0-4 adjunctive eligibility	Compute from CPS data	No change from methods used previously.
annual-to-monthly adj.		
yrs. of estimates averaged	Varies from using an estimate for a single year of SIPP data to averaging up to 5 estimates	Create the national factors by first averaging 3 factors -- the most recent 3 factors that can be computed from available SIPP data. (For the revised 2005-2013 estimates, use factors that would have been available at the time the eligibility estimates for those years were originally computed.) Limit the change from what was used for the prior year to 0.03 for infants and 0.02 for children.
racial variation	No racial variation	Racial variation: white non-Hisp. vs. all other
infants	Ranges from 1.15 to 1.28	Varies by year and race/ethnicity group
children	Ranges from 1.00 to 1.06	Varies by year and race/ethnicity group
adj. for 12-month cert. for children	Not applicable from 2005-2010, no adjustment in 2011 or 2012. 2013 adjustment reflects that the annual-to-monthly factor is 4 percent higher in states where 12-month certification fully affects the entire year.	Impact of 12-month certification is considered for 2011 through 2014. The adjustment includes differential impact of 12-month certification for two racial/ethnicity groups.
multiple births/infant deaths	0.9961	No change
adj. for difference in eligibility during pregnancy	0.71, multiplied by 0.75 for length of pregnancy = 0.533	0.9 multiplied by 0.75 for length of pregnancy, = 0.675. (New factor of 0.9 incorporates the fact that the fetus is included in family size during pregnancy.)
postpartum estimates		
Breastfeeding rates source	Abbott Laboratories' Infant Feeding Survey; rates for WIC-participating women	National Immunization Survey (conducted by Centers for Disease Control)
Variation by race	None	4 groups: white-only non-Hisp., black-only non-Hisp., Hispanic, other
Adj. to convert breastfeeding rates for WIC participants to rates for WIC-eligible women	Adjustments computed from NHANES data (variation in rates between WIC-eligible and WIC-participating). Adjustments for 2005 and 2006 were 1.034 for in-hospital rate and 1.085 for 6-month rate; adjustments for 2007 through 2013 were 1.056 and 1.150.	Not required (NIS provides rates for WIC-eligibles)
Adjustment for gradual reduction in breastfeeding		Average rates in the two 6-month periods are computed using in-hospital, 6-month, and 12-month rates, plus an additional adjustment (0.87) to reflect that the mean of the in-hospital and 6-month rates overstates average monthly breastfeeding.
Adjustment for possible loss of eligibility for a breastfeeding mother at recertification	Single factor addressed combined impact of both issues, computed from SIPP data.	For 2005, the new factor of 0.94 is based on the eligibility rate for postpartum women in the second 6 months compared with the eligibility rate for infants across the first year according to the SIPP. For 2014, the new factor is 1.0, based on almost-complete implementation of 12-month certification for breastfeeding mothers. Factors are reduced at a constant rate from 0.94 in 2005 to 1.0 in 2014.
NUTRITIONAL RISK		
infants	0.97	No change
children	0.99	No change
pregnant women	0.97	No change
postpartum women	1.0	No change

Table D.1: Summary of Changes to Methods: 2005 to 2014 continued

STATE		
age 0-4 weight adjustment	Ratio of Census pop estimates to ACS counts (updated annually)	Ratio of Census pop estimates to ACS counts (updated annually) (no change)
age 0-4 income eligibility	Computed from the survey data	Inclusion of unmarried partner
age 0-4 adjunctive eligibility	Computed from survey data; for 2005-2007, uses estimate of impact of Medicaid (not in ACS 'til 2008).	Computed from the survey data (no change)
annual-to-monthly adj.		
infant factors	Same as national	Same as nat'l (with variation by race/eth)
children's factors	Same as national for 2005-2012. Adjusted in 2013 to 1.04 if 12-month certification is fully implemented, otherwise no adjustment.	Factors vary by cert. option; factors for each state, by two race/ethnicity groups
multiple births/infant deaths adj. for difference in eligibility during pregnancy	0.9961 0.71, mult. by 0.75 for length of pregnancy, = 0.533	0.9961 (no change) 0.9 mult. by 0.75 for length of pregnancy, = 0.675
postpartum estimates		
Breastfeeding rates	Abbott rates for WIC-participating women, by state (updated each year, but same method/data source)	Abbott, average of estimates for the year being estimated and the two prior years (varies by state, not by race)
Adj. to convert breastfeeding rates for WIC participants to rates for WIC-eligible women	1.034; 1.085 from 2005-2006, 1.056; 1.150 from 2007-2013	Same as national
Adjustment for gradual reduction in breastfeeding	Single factor addressed combined impact of both issues, computed from SIPP data.	For 2005, the new factor of 0.94 is based on the eligibility rate for postpartum women in the second 6 months compared with the eligibility rate for infants across the first year according to the SIPP. For 2014, the new factor is 1.0, based on almost-complete implementation of 12-month certification for breastfeeding mothers. Factors are reduced at a constant rate from 0.94 in 2005 to 1.0 in 2014.
Adjustment for possible loss of eligibility for a breastfeeding mother at recertification		New factor is based on the eligibility rate for postpartum women in the second 6 months compared with the eligibility rate for infants across the first year according to the SIPP
PUERTO RICO		
age 0-4 weight adjustment	Ratio of Census pop estimates to ACS counts (updated annually)	Ratio of Census pop estimates to ACS counts (updated annually) (no change)
age 0-4 income eligibility	Computed from the survey data	Inclusion of unmarried partner
age 0-4 adjunctive eligibility	Computed from survey data; for 2005-2007, uses estimate of impact of Medicaid (not in ACS 'til 2008).	Computed from the survey data (no change)
annual-to-monthly adj.		
infant factors	Same as national	Same as national, but no variation by race/ethnicity
children's factors	Same as national for 2005-2012. Adjusted in 2013 to 1.04 if 12-month certification is fully implemented, otherwise no adjustment.	Set based on use of cert. option; no variation by race/eth.
multiple births/infant deaths	0.9961	No change
adj. for difference in eligibility during pregnancy	0.71, mult. by 0.75 for length of pregnancy, = 0.533	0.9 multiplied by 0.75 for length of pregnancy, = 0.675
postpartum estimates	All methods same as national (no BF rates for Puerto Rico, use national)	Use national-level NIS (not by race); all adjustments same as national
OTHER TERRITORIES		
estimated income eligibility		
data source for current pop. 0-3	Annual Census Bureau population estimates	Annual Census Bureau population estimates (no change)
source for estimated % of 0-4 who are elig.	2000 decennial Census from 2005-2011, 2010 decennial census from 2012-2013	2010 decennial census (no change)
estimated adjunctive eligibility	Factor based on ratio of adjunctive to income elig. in states/DC. and PR, updated annually	Factor based on ratio of adjunctive to income elig. in states/DC. and PR, updated annually (no change)
annual-to-monthly		
infant factor	Same as national	Same as national, but no variation by race/ethnicity
children's factor	Same as national	Set based on use of cert. option; no variation by race/eth.
multiple births/infant deaths	0.9961	No change
adj. for difference in eligibility during pregnancy	0.71, mult. by 0.75 for length of pregnancy, = 0.533	0.9 multiplied by 0.75 for length of pregnancy, = 0.675
postpartum estimates	All methods same as national (no BF rates for territories, use national)	Use national-level NIS (not by race); all adjustments same as national.

Table D.2: Population Eligible for WIC Benefits: 2005-2014

Participant Group	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
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
Children (Ages 1-4)	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
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
All 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
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

Notes:

All of the estimates in this table were newly-estimated for this project, using the updated methods described in Volume 1.

Table D.3: Coverage Rates by Region and Participant Group: 2005-2014

All Participants	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
U.S.	56.5%	58.1%	60.6%	62.4%	62.9%	61.6%	63.5%	63.2%	59.3%	54.8%
Northeast	61.4%	62.1%	64.3%	65.4%	65.0%	61.7%	63.4%	63.9%	58.9%	53.7%
Mid-Atlantic	58.1%	60.8%	62.9%	64.8%	64.0%	62.5%	65.4%	64.4%	61.1%	56.6%
Southeast	51.9%	53.3%	57.4%	59.6%	59.2%	57.6%	59.2%	59.0%	55.0%	50.4%
Midwest	54.4%	57.2%	59.4%	60.1%	58.7%	56.7%	57.5%	59.6%	55.9%	51.5%
Southwest	55.3%	54.7%	56.4%	58.9%	63.2%	63.1%	64.1%	62.5%	59.3%	55.9%
Mountain Plains	48.1%	49.4%	50.7%	54.2%	53.8%	52.8%	53.5%	54.1%	49.8%	45.5%
Western	63.3%	66.3%	68.9%	69.8%	71.2%	70.8%	74.4%	72.7%	68.5%	64.0%
Infants	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
U.S.	80.3%	82.2%	88.5%	91.1%	90.5%	86.3%	88.5%	89.8%	84.6%	80.0%
Northeast	88.0%	88.7%	94.4%	96.4%	93.4%	86.1%	86.2%	91.0%	82.3%	75.8%
Mid-Atlantic	82.8%	85.5%	91.6%	94.4%	88.3%	87.5%	90.2%	90.6%	86.1%	82.1%
Southeast	78.0%	79.0%	88.0%	91.2%	88.4%	84.1%	87.6%	88.4%	84.4%	77.7%
Midwest	83.0%	86.7%	92.5%	91.7%	88.3%	84.8%	84.3%	89.5%	85.2%	79.1%
Southwest	77.6%	78.2%	81.7%	87.1%	91.8%	88.6%	89.5%	91.8%	86.7%	85.2%
Mountain Plains	69.7%	70.0%	75.6%	79.6%	80.6%	79.1%	79.9%	80.9%	72.6%	67.6%
Western	82.1%	85.7%	92.4%	94.2%	97.0%	89.9%	95.0%	92.1%	87.2%	84.8%
Children (Ages 1-4)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
U.S.	47.4%	48.6%	49.8%	51.7%	53.1%	53.2%	54.8%	53.9%	50.5%	46.0%
Northeast	51.3%	51.5%	52.5%	53.7%	54.8%	53.3%	55.6%	54.6%	51.4%	46.3%
Mid-Atlantic	49.3%	51.9%	52.0%	53.7%	55.4%	54.2%	57.1%	55.6%	53.0%	48.5%
Southeast	41.1%	42.3%	44.5%	47.2%	48.4%	48.0%	48.9%	48.2%	44.2%	40.0%
Midwest	44.0%	45.9%	47.2%	48.9%	48.8%	47.6%	48.7%	49.6%	46.3%	42.5%
Southwest	46.6%	45.1%	46.2%	48.0%	51.9%	52.7%	53.4%	50.3%	47.5%	43.7%
Mountain Plains	39.9%	41.4%	41.7%	45.6%	45.2%	44.5%	45.1%	44.9%	41.7%	37.8%
Western	56.8%	59.5%	60.4%	61.4%	62.8%	65.5%	68.6%	67.3%	63.6%	57.9%
Pregnant Women	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
U.S.	52.4%	54.1%	56.5%	58.1%	59.0%	56.8%	57.9%	59.0%	54.0%	50.2%
Northeast	57.4%	58.7%	60.8%	61.2%	60.7%	56.1%	55.4%	58.8%	50.7%	47.0%
Mid-Atlantic	52.0%	54.3%	56.9%	59.6%	56.9%	55.8%	56.5%	56.0%	53.2%	49.8%
Southeast	49.8%	50.7%	53.8%	55.8%	55.3%	54.6%	55.7%	56.8%	53.1%	47.9%
Midwest	52.0%	55.0%	57.3%	57.1%	57.8%	55.3%	54.7%	58.5%	53.7%	49.0%
Southwest	51.2%	51.9%	52.7%	57.1%	61.0%	58.8%	59.5%	61.6%	56.3%	53.6%
Mountain Plains	46.0%	43.7%	45.7%	48.0%	50.2%	47.8%	49.8%	50.9%	44.2%	41.0%
Western	56.7%	60.3%	63.7%	63.6%	66.1%	62.8%	66.5%	64.3%	59.0%	56.3%
All Post-Partum Women	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
U.S.	70.8%	72.9%	77.7%	80.3%	80.5%	76.3%	79.3%	81.6%	76.6%	72.6%
Northeast	79.0%	80.6%	85.5%	86.3%	85.3%	76.6%	78.1%	83.2%	74.6%	69.7%
Mid-Atlantic	73.7%	75.9%	85.2%	90.5%	83.8%	79.6%	84.0%	83.8%	77.6%	73.8%
Southeast	71.0%	72.0%	79.6%	83.4%	81.0%	74.7%	78.8%	81.0%	77.5%	72.0%
Midwest	67.6%	72.2%	75.7%	75.6%	71.6%	67.8%	68.9%	73.2%	69.2%	63.7%
Southwest	70.1%	70.8%	72.6%	77.4%	86.9%	86.5%	89.6%	92.3%	88.9%	86.0%
Mountain Plains	58.9%	62.2%	63.4%	66.0%	63.5%	64.4%	65.6%	71.8%	64.8%	58.8%
Western	72.9%	75.2%	80.1%	81.5%	84.5%	78.7%	82.8%	81.6%	76.8%	75.6%

Notes:

All of the estimates in this table were newly-estimated for this project, using the updated methods described in Volume 1.

Table D.4: Coverage Rates by State: 2005-2014

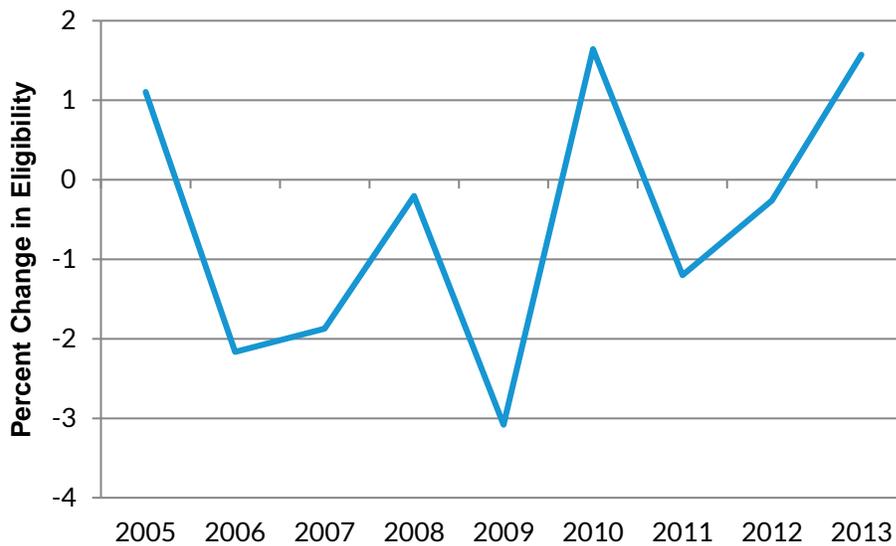
NOTE: U.S. totals include territories.

All Participants	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
U.S.	56.5%	58.1%	60.6%	62.4%	62.9%	61.6%	63.5%	63.2%	59.3%	54.8%
Alabama	50.9%	54.7%	56.4%	59.8%	59.3%	62.6%	62.1%	63.2%	61.3%	53.5%
Alaska	66.0%	64.5%	68.6%	69.0%	61.6%	69.1%	60.6%	60.7%	64.1%	44.3%
Arizona	49.2%	49.6%	53.1%	54.0%	58.0%	56.0%	61.3%	57.8%	54.9%	51.1%
Arkansas	50.4%	49.9%	50.7%	52.5%	56.8%	57.1%	60.0%	61.7%	56.0%	48.0%
California	69.3%	73.2%	75.8%	75.9%	77.7%	78.0%	82.5%	80.1%	74.1%	71.0%
Colorado	40.0%	42.5%	41.5%	47.9%	50.3%	53.8%	50.0%	48.5%	47.2%	41.0%
Connecticut	51.6%	52.9%	55.7%	56.2%	59.2%	50.7%	51.2%	52.9%	49.5%	43.1%
Delaware	54.4%	60.5%	56.6%	68.9%	64.5%	59.7%	66.0%	58.8%	58.2%	51.7%
District of Columbia	70.2%	65.9%	74.0%	75.1%	79.5%	69.3%	67.0%	63.0%	54.9%	47.2%
Florida	47.9%	50.2%	58.7%	61.7%	61.8%	60.9%	61.0%	56.9%	54.0%	51.4%
Georgia	54.9%	54.8%	57.7%	59.6%	59.6%	56.5%	59.6%	59.6%	54.9%	48.8%
Hawaii	64.9%	61.6%	63.7%	66.7%	60.3%	62.5%	64.8%	59.1%	57.3%	51.6%
Idaho	40.7%	44.9%	46.7%	48.5%	51.5%	48.2%	47.5%	53.7%	48.7%	47.6%
Illinois	50.7%	52.8%	53.4%	54.0%	53.4%	52.2%	52.4%	54.5%	52.0%	48.1%
Indiana	46.6%	49.8%	52.4%	54.5%	55.2%	54.8%	55.8%	55.6%	52.9%	48.4%
Iowa	53.5%	54.3%	58.6%	64.2%	61.7%	61.0%	59.1%	62.0%	52.4%	47.2%
Kansas	51.4%	56.6%	56.0%	61.1%	60.6%	56.3%	56.5%	56.8%	51.9%	46.2%
Kentucky	59.1%	66.3%	65.3%	64.9%	65.2%	63.7%	67.0%	69.8%	64.5%	53.4%
Louisiana	51.2%	46.6%	52.8%	53.2%	57.8%	57.6%	61.3%	59.0%	56.9%	50.8%
Maine	48.5%	48.1%	55.4%	56.7%	50.4%	54.6%	56.0%	53.5%	49.8%	51.3%
Maryland	59.8%	65.9%	71.6%	73.5%	71.2%	70.0%	72.8%	71.8%	66.9%	63.5%
Massachusetts	65.5%	67.4%	71.3%	67.1%	66.7%	63.1%	61.0%	68.2%	57.8%	56.8%
Michigan	57.1%	57.3%	59.7%	57.5%	57.3%	57.7%	61.0%	63.3%	59.8%	56.3%
Minnesota	69.4%	76.3%	81.9%	80.2%	73.1%	73.5%	69.1%	73.7%	69.6%	63.4%
Mississippi	53.7%	54.0%	60.3%	62.3%	57.2%	51.7%	56.5%	56.0%	54.2%	52.3%
Missouri	49.4%	49.7%	52.7%	54.5%	54.0%	52.2%	57.1%	57.6%	55.2%	51.5%
Montana	51.0%	52.5%	48.7%	49.2%	45.1%	46.1%	41.8%	45.7%	40.7%	39.1%
Nebraska	51.4%	54.2%	57.1%	57.8%	54.3%	51.8%	54.3%	57.0%	49.1%	51.5%
Nevada	43.6%	50.8%	49.5%	55.4%	56.5%	57.4%	59.4%	57.7%	61.2%	53.6%
New Hampshire	44.3%	43.6%	51.6%	53.2%	61.6%	51.2%	53.9%	45.2%	41.1%	42.7%
New Jersey	54.3%	57.9%	57.9%	59.9%	58.8%	60.4%	60.3%	58.7%	56.1%	52.4%
New Mexico	47.0%	48.1%	50.4%	51.1%	51.9%	49.0%	51.3%	52.1%	47.0%	45.7%
New York	63.3%	63.5%	64.5%	66.2%	66.1%	63.2%	66.0%	65.4%	61.7%	54.7%
North Carolina	51.1%	52.0%	53.5%	56.8%	56.3%	55.2%	56.2%	58.5%	55.1%	51.1%
North Dakota	62.7%	65.6%	62.1%	56.5%	62.4%	53.2%	48.4%	75.4%	47.4%	39.7%
Ohio	55.7%	59.4%	61.5%	65.2%	61.9%	57.2%	58.9%	59.4%	54.0%	50.2%
Oklahoma	55.5%	55.5%	55.8%	60.0%	62.9%	59.3%	60.6%	60.7%	52.3%	53.1%
Oregon	62.6%	63.2%	67.4%	65.0%	65.8%	65.6%	63.6%	65.0%	63.1%	53.0%
Pennsylvania	54.4%	54.8%	57.0%	56.9%	58.2%	55.8%	58.0%	55.8%	55.2%	51.9%
Rhode Island	62.5%	63.3%	69.3%	77.6%	64.5%	71.1%	66.1%	69.5%	61.3%	53.6%
South Carolina	52.2%	52.9%	55.7%	57.6%	56.7%	54.8%	56.5%	58.7%	51.9%	47.8%
South Dakota	49.6%	65.9%	59.9%	63.3%	51.8%	56.5%	63.0%	60.8%	49.3%	45.0%
Tennessee	53.3%	51.7%	54.3%	54.3%	55.4%	52.2%	54.3%	56.8%	50.3%	45.8%
Texas	57.3%	57.1%	58.2%	61.2%	65.9%	66.4%	66.5%	64.3%	62.1%	58.9%
Utah	43.9%	39.3%	43.0%	46.2%	48.4%	45.4%	47.2%	45.5%	43.3%	40.2%
Vermont	64.0%	71.3%	73.9%	82.1%	80.1%	66.8%	84.7%	69.4%	60.3%	64.6%
Virginia	52.4%	58.5%	59.3%	61.4%	59.4%	54.5%	59.7%	59.1%	55.4%	47.7%
Washington	56.4%	57.9%	60.6%	65.9%	64.4%	60.7%	64.4%	64.4%	62.2%	56.9%
West Virginia	57.8%	55.9%	58.9%	66.4%	62.9%	65.3%	66.0%	73.6%	54.8%	51.9%
Wisconsin	54.2%	56.9%	61.3%	61.4%	60.8%	54.6%	53.2%	59.7%	55.4%	47.2%
Wyoming	53.6%	56.8%	54.2%	55.4%	51.1%	52.1%	53.5%	52.6%	52.3%	44.1%

Comparing the Old and New Eligibility Estimates for 2005-2013

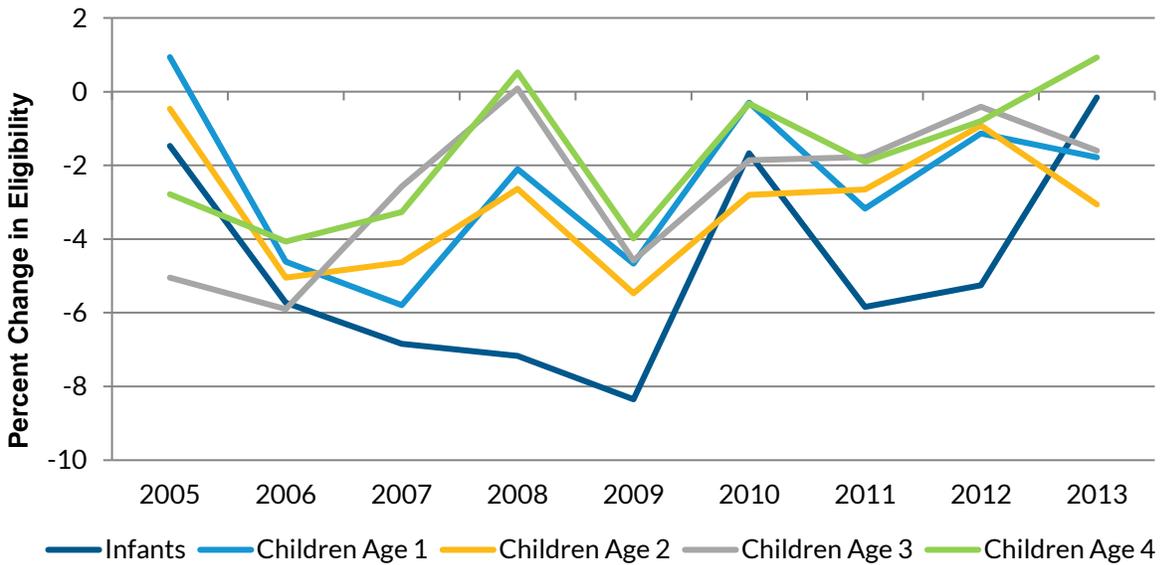
The effect of moving to the methodology adopted for 2014 on all participant categories is on average a small reduction in the number of individuals estimated to be eligible for WIC. The average effect compared to the previous estimates in the years 2005 through 2013 is less than a 1 percent reduction in eligibility estimates. Figure D.1 presents the differences in eligibility estimates resulting from the use of the 2014 methodology over this period.

Figure D.1: Effect of 2014 Methodology on All Participant Categories



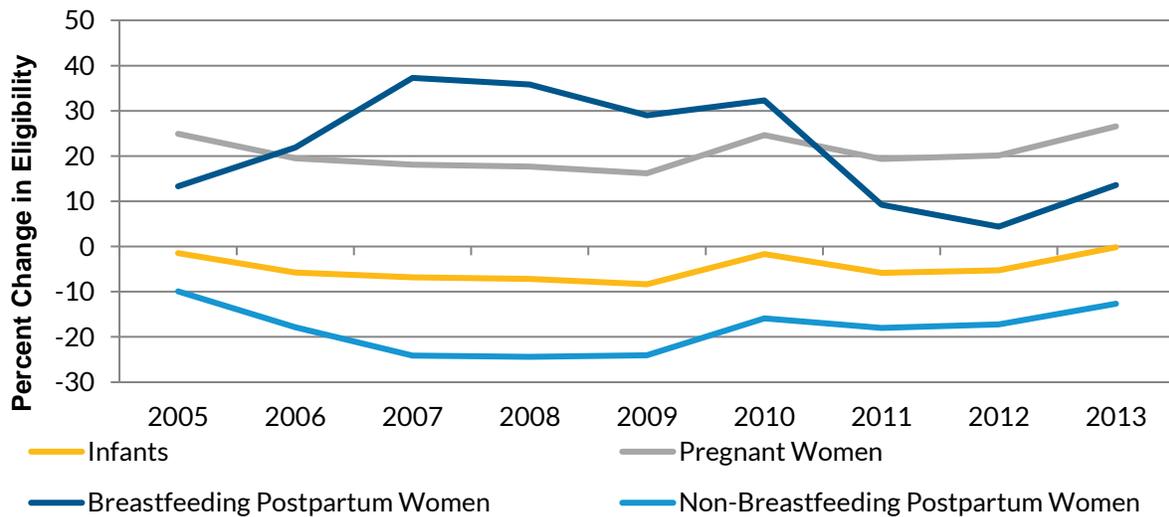
While the overall effect of the new methodology is small, when we examine the effect on separate participant categories the size of the effects grow. Figure D.2 shows the effect of moving to the 2014 methodology on infant and children participant categories over the time period of 2005 through 2013. On average, the eligibility estimates for infants declined by 5.2 percent during this period while the eligibility estimates for all children declined by 2.6 percent. While the effect of changing the methodology has been less in the latter years in this time period, the impact of the new methodology for infants in 2010 appear as an outlier compared to other years. The impact of the new methodology on the children's eligibility estimates appears to be less stable over time.

Figure D.2: Effect of 2014 Methodology on Eligibility Estimates



Since the eligibility estimates for pregnant and postpartum women both directly reflect the eligibility estimates for infants, we would expect declines in the estimated number of WIC-eligible infants to be reflected in reduction in eligibility estimates for both pregnant and postpartum women. Figure D.3 presents the impact of the new methodology on eligibility estimates for pregnant women, breastfeeding and non-breastfeeding postpartum women. For comparison, we have also included the impact on the infant eligibility estimates.

Figure D.3: Effect of 2014 Methodology on Pregnant Women, Breastfeeding and Non-Breastfeeding Postpartum Women



Effect of New Methodology on Eligibility of Infants and Women

The primary effect of the new methodology on pregnant women's eligibility estimates is due to the correction of a problem that was present in the previous estimates, namely that the fetus was not counted as a member of the economic unit containing the pregnant mother when estimating a previously-used adjustment factor. This resulted in an underestimate of the WIC eligibility of pregnant mothers in the previous eligibility estimates. Correcting the adjustment factor for pregnant women results in a substantial increase in the number of pregnant mothers who are WIC eligible. On average during this period, the new methodology resulted in a roughly a 20 percent increase in estimated eligibility for pregnant women. It should be remembered that the estimates for pregnant mothers are based upon the estimated numbers of WIC-eligible infants, and those estimates are somewhat lower with the new methodology. The estimates above reflect both the effect of the new adjustment factor for pregnant mothers and the lower estimates of infant eligibility in the new series. Consequently, the effect of adjustment factor for pregnant women is even larger than the 20 percent mentioned above—all else equal, the new adjustment factor would cause an approximately 27 percent increase in the WIC eligibility estimate for pregnant women.

The use of the NIS breastfeeding rates and new approach to estimating the average breastfeeding rate in each of the six-month periods was anticipated to increase the estimated eligibility of breastfeeding postpartum mothers, but decrease the estimated eligibility for non-breastfeeding mothers. Figure D.3 reflects this expectation but also suggests that this effect is not constant over time. The effect of the NIS breastfeeding rates and new approach to estimating the average breastfeeding rates in the six month period has gotten smaller in recent years, reflecting fewer differences in the NIS and Abbott breastfeeding rates. While the difference has narrowed in the first six-month, the difference in the second six-period has been roughly eliminated. This is what is driving the smaller effects of the new methodology on postpartum mothers by breastfeeding status in the more recent years.

In summary, while the estimates of the total number of WIC-eligible individuals are not markedly different from the estimates in the prior series, the new methodology results in higher estimates of pregnant women and breastfeeding postpartum mothers eligible for WIC, but lower estimates of infants, children, and non-breastfeeding postpartum mothers eligible for WIC.

Given the declines in estimated eligibility for infants, children and non-breastfeeding postpartum mothers, the new methodology is also producing higher estimates of coverage rates for these groups. On the other hand, estimated coverage rates for pregnant women and breastfeeding mothers are lower with the use of the new methodology, reflecting the increase in the estimated numbers of eligible people in these categories. Figure D.4 presents the previously-estimated coverage rates for all participant categories, while Figure D.5 displays the coverage rates using our new methodology.

While the coverage rate for infants has remained high over time, the previous estimates of coverage rates by participant category reflected a changing relative ranking of infants and both categories of postpartum mothers. Breastfeeding mothers at some times had higher coverage rates than infants in the prior series of estimates, while in more recent years, non-breastfeeding mothers had coverage rates close to that of infants. One year old children and pregnant women had similar coverage rates and their relative rankings changed over time. Only two year old and older children had coverage rates that were consistently low over time in the prior series.

The coverage rates using the new methodology for estimating eligibility produce rankings of participant categories by coverage rates that are stable over time. Non-breastfeeding mothers are estimated to have highest coverage rates of categories. Since 2007, non-breastfeeding mothers have had coverage rates that exceed 90 percent and in 2012 this category had an estimated coverage rate that exceeded 100 percent. While that estimate is problematic, it should be remembered that given sampling error, these point estimates are not statistically different from 100 percent.²

Figure D.4: Coverage Rates Using Previous Methodology

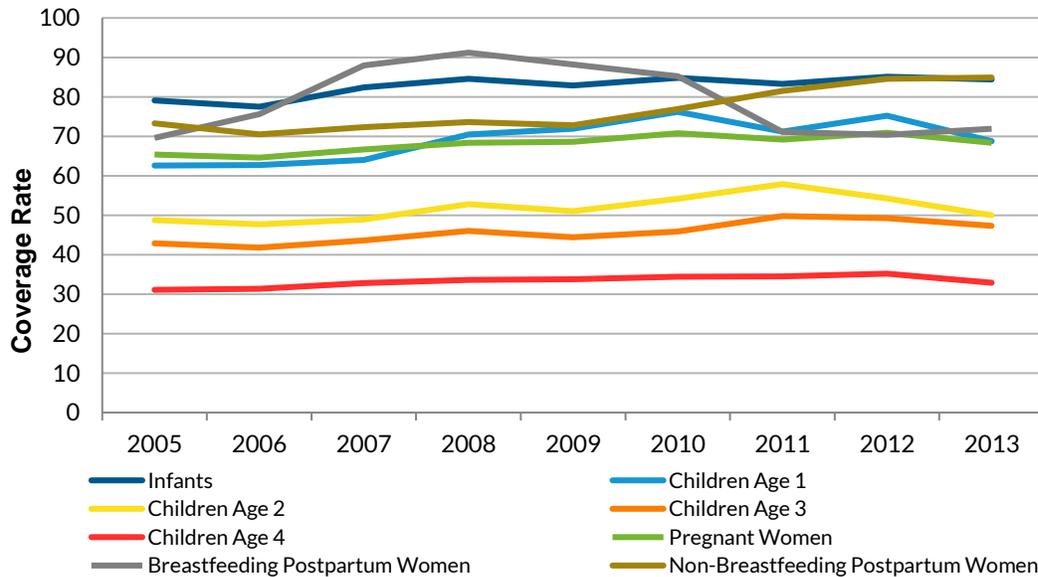
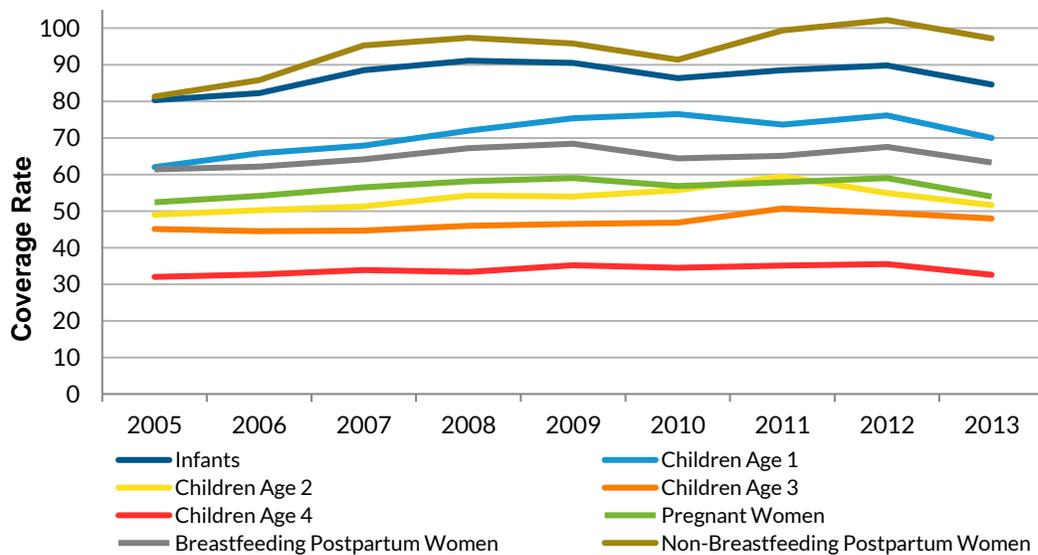


Figure D.5: Coverage Rates Using New Methodology



² In 2014, the coverage rate for non-breastfeeding postpartum mothers was less than 100%.

The relative magnitude of the coverage rates for the remaining groups of infant and child participant categories suggests that as children grow older, their participation in the WIC program declines faster than does their eligibility; in other words, coverage rates decline. This relationship was found in both the previous methodology and the new methodology. What has changed is the relationship between the estimated coverage rates for infants and for pregnant and postpartum women. If a mother is breastfeeding her infant, it is reasonable to expect that the likelihood that they (mother and infant) would participate is less than the likelihood that an infant whose mother is not breastfeeding would participate. Consequently we would expect the coverage rate for breastfeeding mothers to be lower than the coverage rate for infants. If a mother does not breastfeed her infant, the likelihood is high that at least the infant will participate in WIC due to the availability of formula. The question is whether the non-breastfeeding mothers in the first six-month period will also participate at the same rate infants are participating. If they do, then it is reasonable to expect that the coverage rate for non-breastfeeding mothers would exceed that of infants.

One would expect that the coverage rate for pregnant women would be considerably lower than the coverage rate for infants for the simple reason the eligibility of pregnant women is based upon the assumption that women know at conception that they are pregnant and consequently categorically eligible for WIC. This assumption tends to overstate the extent of eligibility known to the woman, while participation is predicated on the women's knowledge she is pregnant. This gap in knowledge as well as other factors is likely to lead to lower rates of participation among pregnant women than is found for infants. Again, this relationship is found in the previous set of coverage rate estimates but what is different is the relationship between the coverage rates for pregnant women and breastfeeding mothers. In the previously reported coverage rates, the coverage rate for breastfeeding mothers was declining over time, bringing those rates roughly equal to the coverage rates of pregnant women. In the new estimates, the difference between the two categories has been roughly constant over time.

Appendix E: Method for Calculating the Annual-to-Monthly Adjustment Factors Applied to Children in the 2014 WIC Eligibility Estimates

The Healthy, Hunger-Free Kids Act of 2010 gave States the option of adopting a 12-month certification period for WIC-eligible children rather than using a 6-month period. Whether and when a State has adopted this option affects WIC eligibility for children. This is taken into account not only for the 2014 estimates, but also in earlier years affected by the policy.

Procedures for the 2014 Estimates

To incorporate the impact of 12-month certification on children's WIC eligibility, we first create State-specific annual-to-monthly factors—which vary by whether and when the State implemented this policy—and then create a type of weighted average across the State-level estimates. The factors—both for the States and for the national level—vary for two racial/ethnic groups: white-only non-Hispanics and children who are either non-white or Hispanic.

Without implementation of 12-month certification—in other words, assuming 6-month certification for children in all States—the annual-to-monthly factors for children (for 2014) are 1.03 for white-only, non-Hispanic children and 1.0 for all other children. However, imposing the assumption of 12-month certification in all places produces annual-to-monthly estimates of 1.10 for white-only non-Hispanic children and 1.03 for non-white or Hispanic children.

The State-specific factors used for the 2014 estimates are shown in table E.1. To understand the calculations, it is important to understand how the “non-retroactive” nature of the option affects its impact on eligibility in any given year. Not being retroactive means that when a State adopts the longer certification period, it will cause the certification period to go from 6 months to 12 months only for those children who first became eligible after the extension's adoption. For 2014 this means that 12-month certification will only impact WIC eligibility in 2014 if it was adopted before July 2014. If adopted after that, any child covered by the new 12-month period (i.e. a child first becoming eligible in July 2014 or later) 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 adopted before July 2014, not all months of the year may be fully affected by the longer certification period. Specifically, only if adopted by February of the prior year will eligibility in all months of the year be fully affected. While adoption as late as July of the prior year would cause eligibility to increase somewhat in each month of the following year (compared to what eligibility would be if certification was only for 6 months), the increase would not be as high as it would be if 12-month certification had been in place in February of the prior year.

For example, assume that in a State with 6-month certification, 1,000 children become newly eligible in each month of 2013, but 250 of each month's newly-eligible children will not continue to meet eligibility requirements when their 6-month certification period ends. If the State adopts 12-month certification in July of 2013, the population of eligible children in January of 2014 will increase by 250 over what it would have been under 6-month certification due to the addition of those 250 children who initially became eligible in July; the longer certification period means they now remain eligible in January of 2014. However, if the State adopts 12-month certification in February of 2013, the January 2014 eligible population would increase not just by those 250 children initially eligible in July 2013, but also due to children initially eligible in each of the months from January through June of 2013, adding an additional 1500 children ($6 * 250$) to the January 2014 population of eligible children.

With this understanding of how the timing of adoption of 12-month certification affects eligibility, the adjustment factors in table E.1 can be explained as follows:

- 17 States had not adopted 12-month certification period by the end of 2014. For these States the factors used this year are the same as the national 6-month factors (1.03 for white-only, non-Hispanic children, 1.0 for all other children).
- 1 State, although adopting 12-month certification in 2014, had not adopted it early enough for it to have an impact on eligibility in 2014 (i.e. it was adopted in July or later). For these States the national 6-month factors were also used.
- 23 States had adopted 12-month certification early enough that eligibility in all months of 2014 were fully affected (i.e. it was adopted in February 2013 or earlier). For these States, the factors were 1.10 for white-only, non-Hispanic children and 1.03 for all other children.
- The remaining 9 States (and DC) adopted 12-month certification early enough to affect eligibility in 2014 but not early enough to fully affect all months (i.e. it was adopted between March 2013 and June 2014). For these States it was assumed that the appropriate factor varies linearly between 1.03 and 1.10 for white-only, non-Hispanic children and between 1.0 and 1.03 for all other children, based on the implementation month, as follows:

Implementation Month:		<u>white-</u>		
		<u>only, non-</u>	<u>other</u>	
		<u>Hispanic</u>		
2013	March	1.096	1.028	
	April	1.092	1.026	
	May	1.088	1.025	
	June	1.084	1.023	
	July	1.079	1.021	
	August	1.075	1.019	
	September	1.071	1.018	
	October	1.067	1.016	
	November	1.063	1.014	
	December	1.059	1.012	
	2014	January	1.055	1.011
		February	1.051	1.009
March		1.046	1.007	
April		1.042	1.005	
May		1.038	1.004	
June		1.034	1.002	

Table E.1: State-Level Annual-to-Monthly Adjustment Factors Used for the 2014 Estimates of WIC-Eligible Children

	Implementation date of 12-Month Certification for Children	Annual-to-Monthly factor used for 2014 estimates	
		<u>white-</u> <u>only, non-</u>	<u>other</u>
		<u>hispanic</u>	
Alabama	NA	1.030	1.000
Alaska	December 1, 2013	1.059	1.012
Arizona	October 1, 2015	1.030	1.000
Arkansas	NA	1.030	1.000
California	March 1, 2012	1.100	1.030
Colorado	August 26, 2013	1.071	1.018
Connecticut	October 1, 2012	1.100	1.030
Delaware	January 14, 2013	1.100	1.030
D.C.	March 1, 2014	1.046	1.007
Florida	October 1, 2011	1.100	1.030
Georgia	October 1, 2012	1.100	1.030
Hawaii	late 2016	1.030	1.000
Idaho	NA	1.030	1.000
Illinois	July 1, 2012	1.100	1.030
Indiana	October 1, 2011	1.100	1.030
Iowa	July 1, 2012	1.100	1.030
Kansas	June 1, 2014	1.034	1.002
Kentucky	NA	1.030	1.000
Louisiana	NA	1.030	1.000
Maine	January 1, 2012	1.100	1.030
Maryland	October 1, 2012	1.100	1.030
Massachusetts	January 1, 2012	1.100	1.030
Michigan	April 1, 2013	1.092	1.026
Minnesota	November 1, 2012	1.100	1.030
Mississippi	March 1, 2014	1.046	1.007
Missouri	December 1, 2013	1.059	1.012
Montana	October 1, 2011	1.100	1.030
Nebraska	NA	1.030	1.000
Nevada	July 1, 2012	1.100	1.030
New Hampshire	July 1, 2014	1.030	1.000
New Jersey	NA	1.030	1.000
New Mexico	October 1, 2012	1.100	1.030
New York	January 1, 2012	1.100	1.030
North Carolina	October 1, 2011	1.100	1.030
North Dakota	January 1, 2011	1.100	1.030
Ohio	NA	1.030	1.000
Oklahoma	October 1, 2012	1.100	1.030
Oregon	NA	1.030	1.000
Pennsylvania	September 1, 2013	1.071	1.018
Rhode Island	January 1, 2015	1.030	1.000
South Carolina	NA	1.030	1.000
South Dakota	April 1, 2011	1.100	1.030
Tennessee	October 1, 2013	1.067	1.016
Texas	March 1, 2012	1.100	1.030
Utah	no later than Aug 15, 2015	1.030	1.000
Vermont	NA	1.030	1.000
Virginia	January 1, 2013	1.100	1.030
Washington	November 1, 2011	1.100	1.030
West Virginia	NA	1.030	1.000
Wisconsin	October 1, 2013	1.067	1.016
Wyoming	NA	1.030	1.000

NOTE: Implementation dates were provided by FNS. If no date is listed, it means the state does not plan to adopt 12 month certification, or that the date was not available at the time these factors were calculated.

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 are not calculated directly from the CPS-ASEC data. Instead, the national estimates calculated using CPS-ASEC data are apportioned to States based on State shares calculated using ACS data. While the State-specific factors described above were applied to each State when processing the ACS data, a national-level factor was required when using the CPS-ASEC. In order to do this, a weighted average of the State-specific factors was developed, where each State's factor was weighted by its share of eligibles, before applying any annual-to-monthly adjustment factor. This resulted in a national annual-to-monthly adjustment factor of 1.07 for white-only, non-Hispanic children and 1.02 for all other children (see table E.2).

We also considered this issue for purposes of estimating children's WIC eligibility in Puerto Rico and in the other island territories. However, neither Puerto Rico nor any of the other territories implemented 12-month certification any earlier than January 2015. Furthermore, rather than applying separate factors to white-only, non-Hispanic children and to all other children, a single factor (1.01) was applied to all children in the territories.

Procedures for Earlier Estimates

These same procedures were also applied in creating the 2013 estimates—both the original estimates shown in the previous report in this series, and the revised estimates produced this year.

The originally-produced 2011 and 2012 estimates did not take the implementation of 12-month certification for children into account. Although few States implemented 12-month certification for children early enough for it to have a noticeable impact on WIC eligibility in 2011 or 2012, the procedures were imposed on these years as well, as part of the revised estimates, in order to create more-complete cross-year consistency. In both years, the annual-to-monthly factor for children under the assumption of 6-month certification was estimated at 1.02 for white-only non-Hispanic children and 0.99 for non-white or Hispanic children. For 2011, the national-average factors were unchanged from the 6-month factors, due to the very limited implementation of 12-month certification. For 2012, there was somewhat more impact from 12-month certification; the national average factor remains at the 6-month figure for white-only non-Hispanic children but rises to 1.00 for non-white or Hispanic children.

Caveat Regarding Implementation Dates

The information in table E.1 regarding whether and when states implemented 12-month certification for children was obtained in 2015. Readers should consult newer materials for the most updated implementation information.

Table E.2: Calculation of the National-Level Annual-To-Monthly Adjustment Factor Used for the National 2014 Estimates of WIC-Eligible Children

	State-specific annual-to-monthly adjustment factors		State share of national estimate of WIC-eligible children		Annual-to-monthly factors weighted by share	
	<u>white-only, non-hispanic</u>	<u>other</u>	<u>white-only, non-hispanic</u>	<u>other</u>	<u>white-only, non-hispanic</u>	<u>other</u>
Alabama	1.030	1.000	0.019	0.015	0.020	0.015
Alaska	1.059	1.012	0.003	0.003	0.003	0.003
Arizona	1.030	1.000	0.018	0.027	0.018	0.027
Arkansas	1.030	1.000	0.018	0.009	0.019	0.009
California	1.100	1.030	0.053	0.175	0.058	0.181
Colorado	1.071	1.018	0.016	0.014	0.017	0.015
Connecticut	1.100	1.030	0.007	0.009	0.008	0.009
Delaware	1.100	1.030	0.002	0.003	0.002	0.003
D.C.	1.046	1.007	0.000	0.003	0.000	0.004
Florida	1.100	1.030	0.053	0.066	0.058	0.067
Georgia	1.100	1.030	0.031	0.042	0.034	0.044
Hawaii	1.030	1.000	0.001	0.006	0.001	0.006
Idaho	1.030	1.000	0.011	0.003	0.011	0.003
Illinois	1.100	1.030	0.035	0.040	0.038	0.041
Indiana	1.100	1.030	0.034	0.012	0.038	0.013
Iowa	1.100	1.030	0.017	0.004	0.018	0.004
Kansas	1.034	1.002	0.014	0.007	0.014	0.007
Kentucky	1.030	1.000	0.030	0.007	0.031	0.007
Louisiana	1.030	1.000	0.018	0.018	0.018	0.018
Maine	1.100	1.030	0.006	0.001	0.007	0.001
Maryland	1.100	1.030	0.010	0.019	0.011	0.019
Massachusetts	1.100	1.030	0.015	0.014	0.016	0.014
Michigan	1.092	1.026	0.043	0.020	0.047	0.020
Minnesota	1.100	1.030	0.017	0.010	0.019	0.011
Mississippi	1.046	1.007	0.012	0.012	0.012	0.012
Missouri	1.059	1.012	0.031	0.010	0.033	0.010
Montana	1.100	1.030	0.006	0.002	0.006	0.002
Nebraska	1.030	1.000	0.007	0.004	0.007	0.004
Nevada	1.100	1.030	0.006	0.011	0.007	0.011
New Hampshire	1.030	1.000	0.005	0.001	0.005	0.001
New Jersey	1.030	1.000	0.016	0.025	0.017	0.025
New Mexico	1.100	1.030	0.004	0.011	0.005	0.012
New York	1.100	1.030	0.052	0.062	0.057	0.064
North Carolina	1.100	1.030	0.033	0.034	0.037	0.035
North Dakota	1.100	1.030	0.003	0.001	0.003	0.001
Ohio	1.030	1.000	0.056	0.021	0.057	0.021
Oklahoma	1.100	1.030	0.017	0.013	0.019	0.014
Oregon	1.030	1.000	0.018	0.009	0.019	0.009
Pennsylvania	1.071	1.018	0.046	0.024	0.049	0.025
Rhode Island	1.030	1.000	0.003	0.003	0.003	0.003
South Carolina	1.030	1.000	0.017	0.017	0.017	0.017
South Dakota	1.100	1.030	0.004	0.002	0.005	0.002
Tennessee	1.067	1.016	0.033	0.017	0.035	0.017
Texas	1.100	1.030	0.054	0.136	0.059	0.140
Utah	1.030	1.000	0.017	0.006	0.017	0.006
Vermont	1.030	1.000	0.003	0.000	0.004	0.000
Virginia	1.100	1.030	0.021	0.020	0.023	0.020
Washington	1.100	1.030	0.026	0.018	0.029	0.019
West Virginia	1.030	1.000	0.013	0.001	0.014	0.001
Wisconsin	1.067	1.016	0.022	0.012	0.024	0.012
Wyoming	1.030	1.000	0.003	0.001	0.003	0.001
Weighted average factor used for national-level estimates:					1.07	1.02

Note: State shares are based on State eligibility estimates before applying the annual-to-monthly adjustment factors.

This page was left intentionally blank.

Appendix F

Steps in Determination of WIC Eligibility 2005-2014

The tables in this appendix show the detailed step-by-step determination of national-level WIC eligibility (excluding the territories) in each year from 2005 to 2014. With only one exception, the estimates use the same updated methods that are used for the 2014 estimates, so the results are comparable across years. (The exception is that the 2005 estimates do not include unmarried partners in the economic unit, since they are not fully identified in CPS data.)

Table F.1 Steps in Determination of WIC Eligibility (excludes territories). Year: 2005

Table F.2 Steps in Determination of WIC Eligibility (excludes territories). Year: 2006

Table F.3 Steps in Determination of WIC Eligibility (excludes territories). Year: 2007

Table F.4 Steps in Determination of WIC Eligibility (excludes territories). Year: 2008

Table F.5 Steps in Determination of WIC Eligibility (excludes territories). Year: 2009

Table F.6 Steps in Determination of WIC Eligibility (excludes territories). Year: 2010

Table F.7 Steps in Determination of WIC Eligibility (excludes territories). Year: 2011

Table F.8 Steps in Determination of WIC Eligibility (excludes territories). Year: 2012

Table F.9 Steps in Determination of WIC Eligibility (excludes territories). Year: 2013

Table F.10 Steps in Determination of WIC Eligibility (excludes territories). Year: 2014

Table F.1 Steps in Determination of WIC Eligibility (excludes territories). Year: 2005

Infants and children

	All	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4
Total number of infants/children in the CPS-ASEC	20,363,150	4,052,949	4,172,680	4,041,962	4,020,865	4,074,694
Number after adjustment for CPS under/overcount	20,082,290	4,174,691	4,069,577	3,961,238	3,920,282	3,956,501
Number with annual income <185% FPG	7,918,140	1,695,300	1,652,807	1,571,495	1,473,772	1,524,765
Number of additional people adjunctively eligible	1,697,991	364,523	370,669	323,769	334,625	304,404
...Through SNAP	259,232	48,637	59,235	52,316	46,874	52,170
...Through TANF	43,108	5,251	8,744	8,094	12,478	8,542
...Through Medicaid	1,395,651	310,636	302,690	263,360	275,273	243,692
Total number income and adjunctively eligible	9,616,131	2,059,824	2,023,477	1,895,265	1,808,397	1,829,169
Number after monthly income adjustment	10,905,634	2,580,142	2,229,807	2,087,582	1,992,101	2,016,002
Total Eligible Infants/Children - Number after adjustment for nutritional risk	10,744,975	2,502,738	2,207,509	2,066,706	1,972,180	1,995,842

Pregnant and Postpartum Women

	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women
Starting point for estimates of women	2,502,738	2,502,738	2,502,738
Number after adjustment for multiple births and infant deaths	2,492,977	2,492,977	2,492,977
Number after adjustment for pregnancy or for breastfeeding	1,682,760	804,292	717,181
Total Eligible Pregnant and Postpartum Women - Number after adjustment for nutritional risk	1,632,277	804,292	717,181

Table F.2 Steps in Determination of WIC Eligibility (excludes territories). Year: 2006

Infants and children

	All	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4
Total number of infants/children in the CPS-ASEC	20,530,105	4,074,649	4,204,124	4,014,176	4,181,519	4,055,637
Number after adjustment for CPS under/overcount	20,184,920	4,162,738	4,047,776	3,977,014	4,032,404	3,964,987
Number with annual income <185% FPG	7,577,446	1,622,010	1,536,034	1,526,276	1,431,204	1,461,922
Number of additional people adjunctively eligible	2,002,711	471,534	432,213	345,553	393,769	359,642
...Through SNAP	249,288	62,709	56,903	29,497	53,873	46,305
...Through TANF	52,809	16,850	9,130	13,443	11,661	1,726
...Through Medicaid	1,700,614	391,975	366,180	302,613	328,235	311,611
Total number income and adjunctively eligible	9,580,157	2,093,544	1,968,247	1,871,829	1,824,973	1,821,564
Number after monthly income adjustment	10,668,777	2,570,923	2,129,803	2,023,891	1,973,278	1,970,882
Total Eligible Infants/Children - Number after adjustment for nutritional risk	10,510,670	2,493,796	2,108,505	2,003,652	1,953,545	1,951,173

Pregnant and Postpartum Women

	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women
Starting point for estimates of women	2,493,796	2,493,796	2,493,796
Number after adjustment for multiple births and infant deaths	2,484,070	2,484,070	2,484,070
Number after adjustment for pregnancy or for breastfeeding	1,676,747	835,264	703,319
Total Eligible Pregnant and Postpartum Women - Number after adjustment for nutritional risk	1,626,445	835,264	703,319

Table F.3 Steps in Determination of WIC Eligibility (excludes territories). Year: 2007

Infants and children

	All	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4
Total number of infants/children in the CPS-ASEC	20,902,113	4,254,218	4,279,879	4,117,530	4,076,153	4,174,334
Number after adjustment for CPS under/overcount	20,392,005	4,190,131	4,094,054	4,046,827	3,996,122	4,064,869
Number with annual income <185% FPG	7,775,533	1,657,013	1,590,688	1,506,374	1,521,678	1,499,780
Number of additional people adjunctively eligible	1,941,193	434,603	395,956	404,066	372,295	334,273
...Through SNAP	232,142	52,111	48,644	52,681	44,631	34,075
...Through TANF	21,858	4,370	4,548	6,187	2,767	3,985
...Through Medicaid	1,687,194	378,122	342,764	345,198	324,898	296,212
Total number income and adjunctively eligible	9,716,726	2,091,616	1,986,643	1,910,440	1,893,974	1,834,053
Number after monthly income adjustment	10,586,832	2,496,840	2,108,127	2,026,917	2,009,461	1,945,488
Total Eligible Infants/Children - Number after adjustment for nutritional risk	10,431,027	2,421,935	2,087,046	2,006,648	1,989,366	1,926,033

Pregnant and Postpartum Women

	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women
Starting point for estimates of women	2,421,935	2,421,935	2,421,935
Number after adjustment for multiple births and infant deaths	2,412,489	2,412,489	2,412,489
Number after adjustment for pregnancy or for breastfeeding	1,628,430	853,304	661,527
Total Eligible Pregnant and Postpartum Women - Number after adjustment for nutritional risk	1,579,577	853,304	661,527

Table F.4 Steps in Determination of WIC Eligibility (excludes territories). Year: 2008

Infants and children

	All	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4
Total number of infants/children in the CPS-ASEC	21,186,907	4,300,938	4,345,399	4,206,091	4,193,298	4,141,180
Number after adjustment for CPS under/overcount	20,552,837	4,149,959	4,126,575	4,103,545	4,087,770	4,084,987
Number with annual income <185% FPG	8,045,618	1,577,864	1,673,581	1,565,467	1,572,643	1,656,063
Number of additional people adjunctively eligible	2,214,324	540,226	462,263	417,629	441,136	353,070
...Through SNAP	418,776	107,714	89,294	76,542	91,699	53,528
...Through TANF	20,532	8,394	3,109	3,702	5,327	0
...Through Medicaid	1,775,016	424,118	369,859	337,386	344,111	299,542
Total number income and adjunctively eligible	10,259,942	2,118,090	2,135,844	1,983,096	2,013,779	2,009,133
Number after monthly income adjustment	10,944,250	2,470,496	2,222,591	2,063,763	2,095,841	2,091,559
Total Eligible Infants/Children - Number after adjustment for nutritional risk	10,785,397	2,396,381	2,200,365	2,043,125	2,074,883	2,070,644

Pregnant and Postpartum Women

	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women
Starting point for estimates of women	2,396,381	2,396,381	2,396,381
Number after adjustment for multiple births and infant deaths	2,387,035	2,387,035	2,387,035
Number after adjustment for pregnancy or for breastfeeding	1,611,249	850,473	656,842
Total Eligible Pregnant and Postpartum Women - Number after adjustment for nutritional risk	1,562,911	850,473	656,842

Table F.5 Steps in Determination of WIC Eligibility (excludes territories). Year: 2009

Infants and children

	All	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4
Total number of infants/children in the CPS-ASEC	21,434,289	4,205,909	4,353,791	4,281,374	4,336,084	4,257,131
Number after adjustment for CPS under/overcount	20,586,100	4,051,949	4,104,002	4,151,775	4,168,173	4,110,201
Number with annual income <185% FPG	8,641,786	1,649,317	1,749,051	1,778,674	1,752,093	1,712,651
Number of additional people adjunctively eligible	2,242,616	473,604	501,646	424,777	444,382	398,207
...Through SNAP	416,037	94,183	92,510	82,558	74,206	72,581
...Through TANF	39,232	4,862	3,974	3,838	12,451	14,107
...Through Medicaid	1,787,347	374,559	405,162	338,381	357,726	311,519
Total number income and adjunctively eligible	10,884,402	2,122,921	2,250,697	2,203,451	2,196,476	2,110,858
Number after monthly income adjustment	11,419,248	2,474,838	2,297,665	2,249,135	2,242,619	2,154,991
Total Eligible Infants/Children - Number after adjustment for nutritional risk	11,255,558	2,400,593	2,274,688	2,226,644	2,220,193	2,133,441

Pregnant and Postpartum Women

	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women
Starting point for estimates of women	2,400,593	2,400,593	2,400,593
Number after adjustment for multiple births and infant deaths	2,391,231	2,391,231	2,391,231
Number after adjustment for pregnancy or for breastfeeding	1,614,081	842,428	662,070
Total Eligible Pregnant and Postpartum Women - Number after adjustment for nutritional risk	1,565,658	842,428	662,070

Table F.6 Steps in Determination of WIC Eligibility (excludes territories). Year: 2010

Infants and children

	All	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4
Total number of infants/children in the CPS-ASEC	21,264,748	4,104,901	4,219,551	4,213,557	4,408,061	4,318,678
Number after adjustment for CPS under/overcount	20,351,786	3,962,125	3,989,694	4,033,022	4,193,064	4,173,880
Number with annual income <185% FPG	8,785,690	1,690,157	1,747,893	1,749,373	1,873,504	1,724,763
Number of additional people adjunctively eligible	2,304,804	471,467	414,672	483,142	442,621	492,902
...Through SNAP	593,593	135,050	101,173	124,688	113,296	119,386
...Through TANF	19,298	2,545	4,623	1,662	3,574	6,894
...Through Medicaid	1,691,913	333,873	308,875	356,792	325,751	366,623
Total number income and adjunctively eligible	11,090,494	2,161,624	2,162,565	2,232,515	2,316,125	2,217,665
Number after monthly income adjustment	11,546,527	2,519,863	2,186,014	2,257,453	2,341,008	2,242,189
Total Eligible Infants/Children - Number after adjustment for nutritional risk	11,380,665	2,444,268	2,164,154	2,234,879	2,317,597	2,219,767

Pregnant and Postpartum Women

	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women
Starting point for estimates of women	2,444,268	2,444,268	2,444,268
Number after adjustment for multiple births and infant deaths	2,434,735	2,434,735	2,434,735
Number after adjustment for pregnancy or for breastfeeding	1,643,446	861,794	678,107
Total Eligible Pregnant and Postpartum Women - Number after adjustment for nutritional risk	1,594,143	861,794	678,107

Table F.7 Steps in Determination of WIC Eligibility (excludes territories). Year: 2011

Infants and children

	All	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4
Total number of infants/children in the CPS-ASEC	20,109,767	3,903,110	4,104,966	3,930,744	4,014,385	4,156,562
Number after adjustment for CPS under/overcount	19,921,529	3,908,287	4,013,868	3,903,835	3,967,407	4,128,132
Number with annual income <185% FPG	8,369,101	1,662,978	1,687,987	1,617,302	1,671,031	1,729,802
Number of additional people adjunctively eligible	2,333,272	446,652	542,567	461,339	449,042	433,671
...Through SNAP	565,542	103,292	136,687	109,150	128,599	87,813
...Through TANF	61,350	18,794	18,474	12,569	9,317	2,197
...Through Medicaid	1,706,380	324,566	387,407	339,620	311,126	343,661
Total number income and adjunctively eligible	10,702,373	2,109,631	2,230,554	2,078,642	2,120,073	2,163,473
Number after monthly income adjustment	11,000,002	2,398,117	2,233,032	2,080,464	2,122,763	2,165,626
Total Eligible Infants/Children - Number after adjustment for nutritional risk	10,842,040	2,326,174	2,210,702	2,059,659	2,101,535	2,143,970

Pregnant and Postpartum Women

	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women
Starting point for estimates of women	2,326,174	2,326,174	2,326,174
Number after adjustment for multiple births and infant deaths	2,317,102	2,317,102	2,317,102
Number after adjustment for pregnancy or for breastfeeding	1,564,044	870,106	617,515
Total Eligible Pregnant and Postpartum Women - Number after adjustment for nutritional risk	1,517,122	870,106	617,515

Table F.8 Steps in Determination of WIC Eligibility (excludes territories). Year: 2012

Infants and children

	All	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4
Total number of infants/children in the CPS-ASEC	19,917,068	3,873,054	4,025,460	3,973,737	4,009,402	4,035,414
Number after adjustment for CPS under/overcount	19,805,386	3,859,263	3,937,264	3,994,749	3,990,315	4,023,795
Number with annual income <185% FPG	8,292,419	1,608,590	1,647,773	1,626,313	1,697,945	1,711,798
Number of additional people adjunctively eligible	2,377,536	438,068	480,599	518,678	493,048	447,143
...Through SNAP	541,640	102,667	116,734	114,804	116,243	91,192
...Through TANF	52,227	14,730	4,798	9,331	10,996	12,372
...Through Medicaid	1,783,669	320,671	359,068	394,543	365,809	343,579
Total number income and adjunctively eligible	10,669,955	2,046,658	2,128,372	2,144,990	2,190,993	2,158,941
Number after monthly income adjustment	11,005,063	2,320,128	2,143,710	2,160,039	2,206,713	2,174,473
Total Eligible Infants/Children - Number after adjustment for nutritional risk	10,848,610	2,250,524	2,122,273	2,138,438	2,184,646	2,152,728

Pregnant and Postpartum Women

	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women
Starting point for estimates of women	2,250,524	2,250,524	2,250,524
Number after adjustment for multiple births and infant deaths	2,241,747	2,241,747	2,241,747
Number after adjustment for pregnancy or for breastfeeding	1,513,179	860,207	587,929
Total Eligible Pregnant and Postpartum Women - Number after adjustment for nutritional risk	1,467,784	860,207	587,929

Table F.9 Steps in Determination of WIC Eligibility (excludes territories). Year: 2013

Infants and children

	All	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4
Total number of infants/children in the CPS-ASEC	19,865,159	3,800,083	4,094,912	3,905,501	3,955,811	4,108,852
Number after adjustment for CPS under/overcount	19,747,934	3,852,657	3,994,349	3,921,741	3,937,067	4,042,120
Number with annual income <185% FPG	8,091,472	1,577,417	1,620,401	1,631,696	1,584,213	1,677,745
Number of additional people adjunctively eligible	2,717,032	545,277	564,745	518,705	543,515	544,791
...Through SNAP	657,911	153,999	120,347	104,086	113,553	165,926
...Through TANF	25,645	4,491	2,386	6,398	7,080	5,289
...Through Medicaid	2,033,476	386,787	442,012	408,221	422,881	373,576
Total number income and adjunctively eligible	10,808,505	2,122,694	2,185,146	2,150,401	2,127,728	2,222,535
Number after monthly income adjustment	11,281,702	2,414,486	2,230,675	2,195,530	2,173,152	2,267,859
Total Eligible Infants/Children - Number after adjustment for nutritional risk	11,120,595	2,342,051	2,208,368	2,173,574	2,151,421	2,245,180

Pregnant and Postpartum Women

	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women
Starting point for estimates of women	2,342,051	2,342,051	2,342,051
Number after adjustment for multiple births and infant deaths	2,332,917	2,332,917	2,332,917
Number after adjustment for pregnancy or for breastfeeding	1,574,719	921,788	595,819
Total Eligible Pregnant and Postpartum Women - Number after adjustment for nutritional risk	1,527,478	921,788	595,819

Table F.10 Steps in Determination of WIC Eligibility (excludes territories). Year: 2014

Infants and children

	All	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4
Total number of infants/children in the CPS-ASEC	19,901,063	3,872,501	4,037,918	3,941,155	4,056,176	3,993,313
Number after adjustment for CPS under/overcount	19,882,715	3,916,636	3,988,415	3,961,859	4,021,699	3,994,107
Number with annual income <185% FPG	8,243,683	1,648,315	1,592,044	1,670,411	1,682,423	1,650,491
Number of additional people adjunctively eligible	2,931,526	575,938	623,370	550,228	575,177	606,813
...Through SNAP	639,841	145,173	142,407	113,402	120,629	118,230
...Through TANF	14,151	0	6,301	423	3,825	3,601
...Through Medicaid	2,277,534	430,764	474,662	436,403	450,722	484,982
Total number income and adjunctively eligible	11,175,209	2,224,253	2,215,414	2,220,638	2,257,599	2,257,305
Number after monthly income adjustment	11,783,380	2,485,987	2,300,163	2,306,870	2,344,857	2,345,503
Total Eligible Infants/Children - Number after adjustment for nutritional risk	11,615,827	2,411,407	2,277,161	2,283,802	2,321,409	2,322,048

Pregnant and Postpartum Women

	Pregnant Women	Postpartum Breastfeeding Women	Postpartum Non- Breastfeeding Women
Starting point for estimates of women	2,411,407	2,411,407	2,411,407
Number after adjustment for multiple births and infant deaths	2,402,003	2,402,003	2,402,003
Number after adjustment for pregnancy or for breastfeeding	1,621,352	981,589	598,832
Total Eligible Pregnant and Postpartum Women - Number after adjustment for nutritional risk	1,572,711	981,589	598,832

This page was left intentionally blank.

Appendix G

Impact of Changes in Methods Related to Postpartum Eligibility

One of the key changes in methodology instituted for the eligibility estimates described in this report (relative to past methodology) was a change in the data source for national-level breastfeeding rates. Previous WIC eligibility estimates have relied solely on the Abbott Laboratories' Infant Feeding Survey (IFS). For the work described in this report, the source for national-level breastfeeding rates was changed to the National Immunization Survey (NIS) conducted by the Centers for Disease Control. The NIS shows higher breastfeeding rates, which results in higher estimates of postpartum eligibility, due to the fact that breastfeeding mothers may be eligible throughout the postpartum year while non-breastfeeding mothers are eligible for a maximum of six months. Other methodological changes—instituted together with the change to the NIS as the source for the national-level breastfeeding data—included: (1) using breastfeeding rates that vary by race and ethnicity; (2) changing the approach to compensate for the decline in breastfeeding throughout the year, and (3) assuming that by 2014, there are no breastfeeding mothers who lose eligibility at the 6-month point due to loss of income or adjunctive eligibility, because of nearly-full adoption of 12-month certification for breastfeeding mothers.

- Table G.1 shows the difference in 2014 postpartum eligibility estimates (and total WIC eligibility estimates) due to using the NIS rather than the IFS as the data source for national-level breastfeeding rates, as well as the other methodological changes related to postpartum eligibility estimation.

Table G.1: A Comparison of Estimates of the Average Monthly Number of Individuals Eligible for WIC According to whether the “New” or “Old” Method for Estimating Postpartum Eligibility is Used, 2014

The table shows the 2014 postpartum eligibility estimates produced with the previous methods compared with the new methods, for breastfeeding and non-breastfeeding mothers separately. Results are shown for the national estimates and also for the State estimates. The table shows that the new methods produce a substantially higher estimate of WIC-eligible mothers eligible as breastfeeding mothers, and a lower estimate of those eligible as non-breastfeeding mothers, due primarily to the fact that the NIS shows higher breastfeeding rates than the IFS. Specifically, the 2014 national estimate for breastfeeding postpartum women eligible for WIC would be 0.886 million with the prior methods, but is 0.982 million (11 percent higher) with the NIS combined with the other methodological changes. Conversely, the estimate for non-breastfeeding mothers would have been 0.682 million with the prior methods, and is 0.599 million (12 percent lower) with the new methods. Total estimated WIC eligibility is somewhat higher than it would have been with the prior methods, since women who continue to breastfeed can remain eligible for WIC throughout the baby's first year.

Table G.1-2014: A Comparison of Estimates of the Average Monthly Number of Individuals Eligible for WIC According to Whether the "New" or "Old" Method for Estimating Postpartum Eligibility is Used

NOTE: This table does not include estimates for the territories.

	All		Infants, Children & Pregnant Women		Postpartum Breastfeeding Women		Postpartum Non-Breastfeeding Women	
	New Method	Old Method	New Method	Old Method	New Method	Old Method	New Method	Old Method
Total U.S.	14,768,960	14,757,046	13,188,538	13,188,538	981,589	886,339	598,832	682,169
Alabama	247,293	248,699	222,478	222,478	10,235	10,876	14,581	15,345
Alaska	43,801	44,249	37,249	37,249	5,444	5,242	1,108	1,758
Arizona	336,949	337,097	299,999	299,999	23,909	21,649	13,042	15,449
Arkansas	173,571	174,611	156,588	156,588	8,575	9,143	8,408	8,880
California	1,878,350	1,866,122	1,663,350	1,663,350	159,331	130,512	55,668	72,260
Colorado	225,311	224,621	198,798	198,798	19,014	16,808	7,499	9,014
Connecticut	121,575	119,316	107,801	107,801	9,120	5,995	4,654	5,520
Delaware	38,162	37,604	34,568	34,568	2,010	1,594	1,584	1,443
District of Columbia	30,508	30,352	27,737	27,737	1,254	1,148	1,517	1,466
Florida	917,316	912,505	814,615	814,615	66,925	56,539	35,776	41,351
Georgia	555,959	559,129	503,065	503,065	26,111	27,885	26,783	28,180
Hawaii	64,621	63,079	56,681	56,681	5,924	3,787	2,017	2,612
Idaho	87,136	86,906	76,546	76,546	7,789	7,068	2,800	3,292
Illinois	550,981	551,238	494,018	494,018	35,644	33,637	21,319	23,583
Indiana	322,943	322,432	287,630	287,630	21,431	19,197	13,882	15,606
Iowa	135,671	135,715	122,031	122,031	7,560	7,177	6,080	6,507
Kansas	141,562	141,909	127,232	127,232	7,974	8,168	6,356	6,509
Kentucky	224,758	225,183	203,356	203,356	11,111	9,988	10,291	11,838
Louisiana	257,455	258,262	233,404	233,404	9,542	10,400	14,510	14,458
Maine	44,153	44,016	39,402	39,402	3,011	2,593	1,740	2,021
Maryland	222,184	224,745	200,686	200,686	12,282	14,657	9,215	9,402
Massachusetts	202,022	201,332	182,333	182,333	11,790	10,212	7,898	8,786
Michigan	446,723	448,609	397,173	397,173	30,334	30,475	19,216	20,961
Minnesota	192,085	192,107	171,172	171,172	13,991	12,773	6,922	8,163
Mississippi	170,819	170,915	154,517	154,517	6,833	6,362	9,469	10,036
Missouri	268,989	271,116	239,775	239,775	17,721	19,132	11,493	12,209
Montana	49,184	49,477	43,855	43,855	3,745	3,918	1,584	1,705
Nebraska	76,257	75,514	67,440	67,440	5,429	4,031	3,387	4,043
Nevada	139,289	138,432	123,142	123,142	10,524	8,595	5,622	6,695
New Hampshire	34,399	34,561	30,714	30,714	2,407	2,462	1,277	1,385
New Jersey	311,329	307,839	278,491	278,491	19,782	14,446	13,056	14,902
New Mexico	127,139	126,992	112,972	112,972	10,009	8,815	4,158	5,204
New York	879,277	880,086	783,342	783,342	59,472	52,908	36,463	43,836
North Carolina	497,584	498,877	447,645	447,645	28,869	28,810	21,070	22,421
North Dakota	32,036	32,452	27,939	27,939	2,797	2,936	1,300	1,577
Ohio	496,898	495,044	446,097	446,097	26,806	23,261	23,995	25,686
Oklahoma	216,858	218,875	195,537	195,537	12,161	13,484	9,161	9,854
Oregon	192,775	190,119	167,118	167,118	19,884	15,648	5,773	7,352
Pennsylvania	478,719	479,315	429,884	429,884	27,446	25,724	21,389	23,707
Rhode Island	40,883	40,338	35,831	35,831	3,583	2,618	1,469	1,889
South Carolina	238,589	242,259	214,075	214,075	13,136	16,506	11,377	11,678
South Dakota	43,658	43,394	38,466	38,466	3,876	3,164	1,315	1,764
Tennessee	335,618	338,345	302,555	302,555	16,405	18,633	16,657	17,157
Texas	1,548,001	1,546,527	1,385,054	1,385,054	98,871	85,325	64,076	76,147
Utah	151,705	151,331	133,204	133,204	13,139	11,750	5,361	6,377
Vermont	21,922	21,945	19,546	19,546	1,630	1,624	746	776
Virginia	297,815	298,669	267,938	267,938	16,998	16,475	12,879	14,255
Washington	319,465	316,891	282,385	282,385	27,705	23,415	9,375	11,091
West Virginia	83,381	83,589	75,456	75,456	3,550	3,285	4,376	4,848
Wisconsin	229,271	228,741	205,316	205,316	15,558	13,384	8,397	10,042
Wyoming	26,011	25,564	22,333	22,333	2,941	2,104	738	1,127

Source: March 2015 CPS; 2014 ACS

Appendix H

Data for the Figures in Volumes I and II

This section includes data tables that correspond with the figures (line graphs, bar graphs, box plots, and maps) in Volumes I and II of this report.

Table H.1: Coverage Rate, Percent of Eligible Population Receiving WIC Benefits, CY 2005–14

Table H.2: Revised Annual-to-Monthly Factors for Infants and Children, 2005 to 2013

Table H.3: Estimated Breastfeeding Rates (Ever Breastfed and Breastfed at Six Months)

Table H.4: Average Breastfeeding Rate in Each of the Six Month Periods

Table H.5: Revised WIC Eligibility Estimates for 2005–13 Compared with Prior Estimates (Numbers in Millions)

Table H.6: National-Level WIC Eligibility by Eligibility Category, 2005 through 2013 (Revised Estimates)

Table H.7: Regional-Level WIC Eligibility by Eligibility Category for 2005 through 2013 (Revised Estimates, Numbers in Millions)

Table H.8: Breastfeeding Rates of WIC-Eligible Mothers, 2005 through 2014

Table H.9: WIC Coverage Rates by Eligibility Category and by State, CY 2014

Table H.10: Range of WIC Coverage Rates across the States, 2014, by Eligibility Category

Table H.11: National-Level WIC Coverage Rates by Eligibility Category, 2005 through 2014 (Using Revised Eligibility Estimates)

Table H.12: Coverage Rate by FNS Region and Eligibility Category, 2005–2014

Table H.13: WIC Coverage Rates by Race/Ethnicity and by Eligibility Category, CY 2014

Table H.14: WIC Coverage Rates by Eligibility Category and by FNS Region, CY 2014

Table H.15: Effect of 2014 Methodology on All Eligibility Categories

Table H.16: Coverage Rates for All Eligibility Categories Using Previous Methodology

Table H.1: Coverage Rate, Percent of Eligible Population Receiving WIC Benefits, CY 2005–14

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Infants	80.3%	82.2%	88.5%	91.1%	90.5%	86.3%	88.5%	89.8%	84.6%	80.0%
Children (Ages 1-4)	47.4%	48.6%	49.8%	51.7%	53.1%	53.2%	54.8%	53.9%	50.5%	46.0%
Pregnant Women	52.4%	54.1%	56.5%	58.1%	59.0%	56.8%	57.9%	59.0%	54.0%	50.2%
Postpartum Women	70.8%	72.9%	77.7%	80.3%	80.5%	76.3%	79.3%	81.6%	76.6%	72.6%
All Participants	56.5%	58.1%	60.6%	62.4%	62.9%	61.6%	63.5%	63.2%	59.3%	54.8%

Source: CPS-ASEC, PRCS, Census International Data Base, and WIC Administrative Data

Table H.2: Revised Annual-to-Monthly Factors for Infants and Children, 2005 to 2013

	Infants		Children	
	prior series	new series	prior series	new series
2005	1.28	1.28	1.1	1.1
2006	1.15	1.25	1	1.08
2007	1.22	1.22	1.06	1.06
2008	1.22	1.19	1.06	1.04
2009	1.18	1.19	1.01	1.02
2010	1.18	1.19	1.01	1.01
2011	1.16	1.16	1	1.00
2012	1.16	1.16	1	1.00
2013	1.16	1.16	1	1.00

Table H.3: Estimated Breastfeeding Rates (Ever Breastfed and Breastfed at Six Months)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
IFS In-Hospital^a	59.3	56.1	52.7	52.3	53.5	56.3	62.5	64.4	67.1	69.5
IFS at 6 Months	24.6	22.0	18.4	19.6	20.2	21.3	31.2	35.7	33.5	36.8
NIS Ever Breastfed^a	66.2	66.5	67.8	66.7	67.5	66.2	68.9	69.1	71.8	73.1
NIS at 6 Months	29.4	32.8	34.2	34.2	33.7	33.7	36.4	36.5	37.8	39.1

Source: IFS rates are from the Abbott Labs' Infant Feeding Survey, for years 2005 through 2014. NIS rates are from the CDC's National Immunization Survey, for birth cohorts 2003 through 2012.

Note:

^aWe treat the IFS "in hospital" rates and the NIS "ever breastfed" rates as equivalent concepts, although the two could differ somewhat.

Table H.4: Average Breastfeeding Rate in Each of the Six Month Periods

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
IFS 1st 6 months	36.8	34.8	32.7	32.4	33.2	34.9	38.8	39.9	41.6	43.1
IFS 2nd 6 Months	20.5	18.3	15.3	16.3	16.8	17.7	25.9	29.7	27.8	30.6
NIS 1st 6 months	43.0	44.7	45.9	45.4	45.6	44.9	47.4	47.5	49.3	50.5
NIS 2nd 6 months	22.3	24.7	25.5	25.9	25.6	25.9	27.6	27.5	28.7	29.1

Source: IFS rates are from the Abbott Labs' Infant Feeding Survey, for years 2005 through 2014. NIS rates are from the CDC's National Immunization Survey, for birth cohorts 2003 through 2012.

Table H.5: Revised WIC Eligibility Estimates for 2005–13 Compared with Prior Estimates (Numbers in Millions)

	2005	2006	2007	2008	2009	2010	2011	2012	2013
All									
Prior estimates	14.07	14.29	14.08	14.17	15.08	14.55	14.28	14.05	14.19
Revised estimates	14.22	13.98	13.82	14.14	14.61	14.79	14.11	14.02	14.41
Infants									
Prior estimates	2.60	2.70	2.65	2.63	2.67	2.54	2.52	2.42	2.39
Revised estimates	2.56	2.55	2.47	2.44	2.45	2.49	2.37	2.29	2.38
Children									
Prior estimates	8.59	8.62	8.54	8.66	9.47	9.22	8.89	8.82	9.05
Revised estimates	8.44	8.20	8.19	8.57	9.03	9.10	8.68	8.75	8.93
Pregnant Women									
Prior estimates	1.34	1.39	1.36	1.36	1.38	1.30	1.29	1.25	1.23
Revised estimates	1.67	1.66	1.61	1.59	1.60	1.63	1.55	1.50	1.55
All Postpartum Women									
Prior estimates	1.54	1.57	1.52	1.53	1.56	1.49	1.58	1.56	1.52
Revised estimates	1.56	1.57	1.54	1.54	1.54	1.57	1.52	1.48	1.54
Postpartum Breastfeeding Women									
Prior estimates	0.73	0.70	0.63	0.64	0.67	0.66	0.81	0.84	0.83
Revised estimates	0.82	0.85	0.87	0.87	0.86	0.88	0.89	0.88	0.94
Postpartum Non-Breastfeeding Women									
Prior estimates	0.81	0.87	0.89	0.89	0.89	0.82	0.77	0.72	0.69
Revised estimates	0.73	0.72	0.67	0.67	0.68	0.69	0.63	0.60	0.61

Source: CPS-ASEC, PRCS, and Census International Data Base

Table H.6: National-Level WIC Eligibility by Eligibility Category, 2005 through 2013 (Revised Estimates)

	2005	2006	2007	2008	2009	2010	2011	2012	2013
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
Children Age 1	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
Children Age 2	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
Children Age 3	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
Children Age 4	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
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
Postpartum Breastfeeding Women	822,301	853,615	870,455	867,826	860,220	879,159	886,444	876,592	938,157
Postpartum Non-Breastfeeding Women	732,981	718,203	674,522	670,086	675,687	691,372	628,865	599,108	606,333

Source: CPS-ASEC, PRCS, and Census International Data Base

Table H.7: Regional-Level WIC Eligibility by Eligibility Category for 2005 through 2013 (Revised Estimates, Numbers in Millions)

	2005	2006	2007	2008	2009	2010	2011	2012	2013
Infants									
Northeast	0.206	0.206	0.2	0.2	0.202	0.212	0.21	0.196	0.211
Mid-Atlantic	0.284	0.28	0.267	0.261	0.279	0.276	0.263	0.261	0.27
Southeast	0.517	0.533	0.514	0.511	0.521	0.525	0.498	0.483	0.493
Midwest	0.38	0.372	0.36	0.367	0.373	0.38	0.367	0.339	0.351
Southwest	0.431	0.426	0.423	0.404	0.396	0.403	0.381	0.365	0.381
Mountain Plains	0.197	0.196	0.187	0.185	0.189	0.189	0.176	0.168	0.182
Western	0.544	0.534	0.519	0.517	0.491	0.508	0.474	0.481	0.495
Total U.S.	2.558	2.547	2.47	2.445	2.45	2.493	2.369	2.293	2.383
Pregnant Women									
Northeast	0.135	0.135	0.13	0.13	0.131	0.138	0.137	0.128	0.138
Mid-Atlantic	0.185	0.183	0.174	0.171	0.182	0.18	0.172	0.17	0.176
Southeast	0.337	0.348	0.335	0.333	0.34	0.342	0.325	0.315	0.322
Midwest	0.248	0.243	0.235	0.239	0.243	0.248	0.24	0.221	0.229
Southwest	0.281	0.278	0.276	0.264	0.258	0.263	0.248	0.238	0.248
Mountain Plains	0.128	0.128	0.122	0.12	0.123	0.123	0.115	0.11	0.119
Western	0.355	0.348	0.339	0.337	0.32	0.331	0.309	0.314	0.323
Total U.S.	1.668	1.661	1.611	1.595	1.598	1.626	1.545	1.496	1.554
Children									
Northeast	0.714	0.705	0.696	0.722	0.76	0.771	0.734	0.774	0.797
Mid-Atlantic	0.966	0.918	0.924	0.97	1.004	1.023	0.962	0.977	1.005
Southeast	1.693	1.662	1.654	1.78	1.895	1.894	1.82	1.83	1.897
Midwest	1.258	1.212	1.209	1.27	1.384	1.412	1.336	1.279	1.315
Southwest	1.39	1.387	1.368	1.415	1.425	1.434	1.357	1.396	1.405
Mountain Plains	0.651	0.625	0.632	0.629	0.682	0.695	0.675	0.662	0.66
Western	1.767	1.691	1.707	1.779	1.876	1.871	1.792	1.834	1.851
Total U.S.	8.439	8.2	8.19	8.565	9.026	9.1	8.676	8.752	8.929
Postpartum Breastfeeding Women									
Northeast	0.07	0.071	0.073	0.077	0.076	0.082	0.083	0.078	0.088
Mid-Atlantic	0.081	0.081	0.076	0.071	0.076	0.079	0.085	0.088	0.094
Southeast	0.123	0.136	0.141	0.144	0.146	0.145	0.148	0.146	0.157
Midwest	0.104	0.102	0.106	0.109	0.119	0.118	0.121	0.119	0.129
Southwest	0.125	0.133	0.143	0.134	0.122	0.126	0.126	0.126	0.13
Mountain Plains	0.074	0.08	0.084	0.083	0.085	0.079	0.078	0.069	0.076
Western	0.245	0.251	0.247	0.249	0.235	0.25	0.246	0.25	0.264
Total U.S.	0.822	0.854	0.87	0.868	0.86	0.879	0.886	0.877	0.938
Postpartum Non-Breastfeeding Women									
Northeast	0.058	0.058	0.054	0.054	0.054	0.057	0.055	0.051	0.053
Mid-Atlantic	0.087	0.085	0.08	0.079	0.084	0.084	0.076	0.073	0.074
Southeast	0.168	0.17	0.157	0.156	0.159	0.162	0.148	0.142	0.143
Midwest	0.117	0.114	0.106	0.108	0.107	0.111	0.103	0.093	0.093
Southwest	0.126	0.121	0.115	0.111	0.111	0.114	0.104	0.099	0.102
Mountain Plains	0.052	0.05	0.046	0.046	0.047	0.048	0.043	0.041	0.043
Western	0.125	0.121	0.116	0.116	0.112	0.115	0.102	0.101	0.098
Total U.S.	0.733	0.718	0.675	0.67	0.676	0.691	0.629	0.599	0.606

Source: CPS-ASEC, ACS, PRCS, and Census International Data Base

Table H.8: Breastfeeding Rates of WIC-Eligible Mothers, 2005 through 2014

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
WIC BF rate, ever breastfed (NIS)	67	67	69	68	69	68	70	70	73	74
WIC BF rate, 6-mo (NIS)	31	34	36	36	35	36	38	39	40	41
WIC BF rate, 12-mo (NIS)	16	18	18	19	19	20	20	21	21	22

Source: CDC's National Immunization Survey, for birth cohorts 2003 through 2012.

Table H.9: WIC Coverage Rates by Eligibility Category and by State, CY 2014

State^a	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4	All Children Age 1-4	Pregnant Women	Postpartum Women	All Participants
Alabama	76.5%	63.8%	45.8%	40.4%	28.9%	44.5%	53.9%	65.3%	53.5%
Alaska	60.7%	58.3%	51.5%	30.8%	28.7%	41.0%	39.6%	41.2%	44.3%
Arizona	79.4%	54.0%	44.9%	36.7%	31.6%	41.6%	42.5%	70.2%	51.1%
Arkansas	80.4%	58.0%	36.4%	30.4%	20.9%	35.7%	52.4%	67.8%	48.0%
California	92.3%	75.4%	70.6%	65.5%	46.9%	64.7%	63.4%	83.6%	71.0%
Colorado	59.0%	54.2%	35.6%	29.9%	21.2%	34.6%	35.6%	53.6%	41.0%
Connecticut	65.5%	53.4%	45.3%	34.5%	19.5%	37.4%	42.4%	42.1%	43.1%
Delaware	85.6%	93.9%	32.9%	39.1%	15.7%	41.3%	52.9%	63.9%	51.7%
DC	89.1%	50.7%	29.6%	29.1%	20.2%	32.4%	44.0%	85.0%	47.2%
Florida	77.3%	58.8%	47.4%	39.3%	22.0%	42.1%	49.1%	66.0%	51.4%
Georgia	71.5%	52.5%	45.4%	38.9%	21.8%	39.1%	33.8%	91.0%	48.8%
Hawaii	74.4%	49.5%	54.7%	38.2%	37.8%	44.7%	43.1%	62.2%	51.6%
Idaho	71.4%	50.1%	43.6%	36.3%	27.5%	39.4%	44.0%	59.3%	47.6%
Illinois	81.9%	55.3%	44.5%	32.7%	18.6%	37.4%	51.5%	59.8%	48.1%
Indiana	71.3%	56.4%	41.9%	33.3%	29.7%	40.3%	42.0%	64.0%	48.4%
Iowa	72.2%	59.9%	47.2%	36.9%	15.2%	38.2%	39.9%	69.7%	47.2%
Kansas	67.9%	50.0%	40.6%	36.5%	27.8%	38.8%	43.6%	58.5%	46.2%
Kentucky	85.6%	55.7%	44.2%	39.1%	29.0%	42.1%	60.8%	68.3%	53.4%
Louisiana	85.5%	57.2%	37.2%	32.5%	22.8%	37.1%	52.4%	76.8%	50.8%
Maine	74.6%	52.8%	45.8%	52.2%	30.2%	45.1%	41.7%	61.3%	51.3%
Maryland	98.3%	70.0%	60.2%	45.6%	28.9%	51.1%	66.6%	87.6%	63.5%
Massachusetts	83.8%	70.2%	51.9%	50.0%	20.9%	47.8%	53.3%	77.2%	56.8%
Michigan	81.4%	59.1%	50.7%	45.3%	41.2%	48.9%	54.9%	59.1%	56.3%
Minnesota	91.4%	77.6%	51.8%	53.0%	37.1%	54.3%	55.7%	82.8%	63.4%
Mississippi	92.2%	58.8%	37.7%	33.8%	26.6%	38.7%	51.0%	74.8%	52.3%
Missouri	81.7%	61.4%	39.7%	34.5%	25.2%	39.9%	52.3%	68.5%	51.5%
Montana	61.9%	46.0%	29.4%	32.9%	19.6%	31.8%	38.2%	49.2%	39.1%
Nebraska	68.7%	59.1%	45.5%	44.2%	37.6%	46.6%	38.7%	61.8%	51.5%
Nevada	74.2%	63.2%	47.9%	45.4%	34.4%	47.4%	42.1%	65.8%	53.6%
New Hampshire	66.5%	47.4%	45.4%	30.9%	21.2%	35.1%	40.0%	53.2%	42.7%
New Jersey	72.3%	65.2%	47.6%	39.2%	31.3%	45.9%	43.1%	69.7%	52.4%
New Mexico	69.6%	58.4%	39.1%	31.4%	22.5%	37.7%	43.0%	60.2%	45.7%
New York	75.7%	68.3%	51.2%	45.2%	24.9%	47.2%	46.7%	73.8%	54.7%
North Carolina	78.2%	57.0%	46.0%	46.7%	17.4%	41.7%	46.7%	72.4%	51.1%
North Dakota	56.8%	47.5%	31.2%	35.1%	25.3%	35.3%	30.8%	44.2%	39.7%
Ohio	77.8%	55.4%	41.6%	37.8%	28.6%	40.7%	45.9%	65.9%	50.2%
Oklahoma	84.1%	60.9%	50.7%	40.3%	17.4%	41.9%	59.7%	69.5%	53.1%
Oregon	66.7%	60.5%	48.4%	49.4%	39.4%	49.6%	47.4%	55.0%	53.0%
Pennsylvania	78.2%	68.4%	47.8%	39.0%	23.2%	43.9%	36.9%	74.9%	51.9%
Rhode Island	78.8%	63.8%	42.7%	56.3%	33.3%	47.7%	50.3%	51.2%	53.6%
South Carolina	80.9%	52.0%	37.8%	29.1%	20.1%	34.3%	51.9%	70.8%	47.8%
South Dakota	70.9%	67.5%	37.0%	31.6%	20.9%	38.4%	39.2%	50.9%	45.0%
Tennessee	74.7%	55.6%	36.2%	31.2%	11.7%	33.6%	51.8%	66.9%	45.8%
Texas	87.0%	78.4%	48.7%	42.4%	16.0%	46.4%	54.0%	93.6%	58.9%
Utah	54.4%	52.6%	33.8%	35.5%	18.7%	35.0%	33.2%	52.0%	40.2%
Vermont	77.6%	81.8%	66.1%	59.6%	40.8%	61.0%	48.2%	81.9%	64.6%
Virginia	77.6%	61.4%	36.1%	32.6%	17.4%	37.1%	49.2%	66.1%	47.7%
Washington	73.9%	59.4%	55.7%	47.9%	41.3%	51.5%	53.1%	66.4%	56.9%
West Virginia	77.3%	54.9%	46.7%	41.7%	27.0%	42.4%	48.7%	72.5%	51.9%
Wisconsin	72.6%	54.6%	40.7%	39.0%	25.5%	39.6%	42.4%	61.1%	47.2%
Wyoming	61.6%	61.4%	42.7%	36.3%	23.3%	39.4%	36.9%	48.0%	44.1%
Total^b	80.0%	68.2%	48.1%	42.2%	25.9%	46.0%	50.2%	72.6%	54.8%

Source: 2015 CPS-ASEC, 2014 ACS, PRCS, WIC Administrative Data, and 2014 WIC Participant and Program Characteristics Report

Notes:

^a State and regional eligibility estimates and participant data include those eligible for WIC and/or receiving WIC via Indian Tribal Organizations.

^b Estimates for the territories are included in the totals but not shown separately. The total coverage rate for Puerto Rico is 83.1%.

Table H.10: Range of WIC Coverage Rates across the States, 2014, by Eligibility Category

	Infants	Children Age 1	Children Age 2	Children Age 3	Children Age 4	Pregnant Women	Postpartum Women	All Participants
Minimum	54.4%	46.0%	29.4%	29.1%	11.7%	30.8%	41.2%	39.1%
Lower quartile	71.1%	54.1%	38.5%	33.1%	20.5%	41.8%	59.2%	47.2%
Median	76.5%	58.4%	45.3%	38.2%	25.2%	46.7%	66.0%	51.1%
Upper quartile	81.5%	63.5%	48.2%	44.7%	30.0%	52.3%	72.5%	53.3%
Maximum	98.3%	93.9%	70.6%	65.5%	46.9%	66.6%	93.6%	71.0%

Source: 2015 CPS-ASEC, 2014 ACS, WIC Administrative Data, and 2014 WIC Participant and Program Characteristics Report

Table H.11: National-Level WIC Coverage Rates by Eligibility Category, 2005 through 2014 (Using Revised Eligibility Estimates)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
All	56.5%	58.1%	60.6%	62.4%	62.9%	61.6%	63.5%	63.2%	59.3%	54.8%
Infants	80.3%	82.2%	88.5%	91.1%	90.5%	86.3%	88.5%	89.8%	84.6%	80.0%
Children Age 1	62.0%	65.8%	67.9%	72.0%	75.4%	76.5%	73.6%	76.1%	70.0%	68.2%
Children Age 2	49.0%	50.2%	51.3%	54.2%	54.0%	55.7%	59.5%	54.9%	51.6%	48.1%
Children Age 3	45.1%	44.5%	44.7%	46.0%	46.5%	46.8%	50.7%	49.5%	48.0%	42.2%
Children Age 4	32.0%	32.7%	33.9%	33.4%	35.2%	34.5%	35.1%	35.5%	32.6%	25.9%
Pregnant Women	52.4%	54.1%	56.5%	58.1%	59.0%	56.8%	57.9%	59.0%	54.0%	50.2%
Postpartum Breastfeeding Women	61.4%	62.1%	64.1%	67.2%	68.4%	64.4%	65.1%	67.5%	63.3%	59.5%
Postpartum Non-Breastfeeding Women	81.3%	85.8%	95.3%	97.4%	95.8%	91.4%	99.4%	102.2%	97.2%	94.1%

Source: CPS-ASEC, PRCS, Census International Data Base, WIC Administrative Data, and WIC Participant and Program Characteristics Reports

Table H.12: Coverage Rate by FNS Region and Eligibility Category, 2005–2014

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
All Participants										
U.S.	56.5%	58.1%	60.6%	62.4%	62.9%	61.6%	63.5%	63.2%	59.3%	54.8%
Northeast	61.4%	62.1%	64.3%	65.4%	65.0%	61.7%	63.4%	63.9%	58.9%	53.7%
Mid-Atlantic	58.1%	60.8%	62.9%	64.8%	64.0%	62.5%	65.4%	64.4%	61.1%	56.6%
Southeast	51.9%	53.3%	57.4%	59.6%	59.2%	57.6%	59.2%	59.0%	55.0%	50.4%
Midwest	54.4%	57.2%	59.4%	60.1%	58.7%	56.7%	57.5%	59.6%	55.9%	51.5%
Southwest	55.3%	54.7%	56.4%	58.9%	63.2%	63.1%	64.1%	62.5%	59.3%	55.9%
Mountain Plains	48.1%	49.4%	50.7%	54.2%	53.8%	52.8%	53.5%	54.1%	49.8%	45.5%
Western	63.3%	66.3%	68.9%	69.8%	71.2%	70.8%	74.4%	72.7%	68.5%	64.0%
Infants										
U.S.	80.3%	82.2%	88.5%	91.1%	90.5%	86.3%	88.5%	89.8%	84.6%	80.0%
Northeast	88.0%	88.7%	94.4%	96.4%	93.4%	86.1%	86.2%	91.0%	82.3%	75.8%
Mid-Atlantic	82.8%	85.5%	91.6%	94.4%	88.3%	87.5%	90.2%	90.6%	86.1%	82.1%
Southeast	78.0%	79.0%	88.0%	91.2%	88.4%	84.1%	87.6%	88.4%	84.4%	77.7%
Midwest	83.0%	86.7%	92.5%	91.7%	88.3%	84.8%	84.3%	89.5%	85.2%	79.1%
Southwest	77.6%	78.2%	81.7%	87.1%	91.8%	88.6%	89.5%	91.8%	86.7%	85.2%
Mountain Plains	69.7%	70.0%	75.6%	79.6%	80.6%	79.1%	79.9%	80.9%	72.6%	67.6%
Western	82.1%	85.7%	92.4%	94.2%	97.0%	89.9%	95.0%	92.1%	87.2%	84.8%
Children (Ages 1-4)										
U.S.	47.4%	48.6%	49.8%	51.7%	53.1%	53.2%	54.8%	53.9%	50.5%	46.0%
Northeast	51.3%	51.5%	52.5%	53.7%	54.8%	53.3%	55.6%	54.6%	51.4%	46.3%
Mid-Atlantic	49.3%	51.9%	52.0%	53.7%	55.4%	54.2%	57.1%	55.6%	53.0%	48.5%
Southeast	41.1%	42.3%	44.5%	47.2%	48.4%	48.0%	48.9%	48.2%	44.2%	40.0%
Midwest	44.0%	45.9%	47.2%	48.9%	48.8%	47.6%	48.7%	49.6%	46.3%	42.5%
Southwest	46.6%	45.1%	46.2%	48.0%	51.9%	52.7%	53.4%	50.3%	47.5%	43.7%
Mountain Plains	39.9%	41.4%	41.7%	45.6%	45.2%	44.5%	45.1%	44.9%	41.7%	37.8%
Western	56.8%	59.5%	60.4%	61.4%	62.8%	65.5%	68.6%	67.3%	63.6%	57.9%
Pregnant Women										
U.S.	52.4%	54.1%	56.5%	58.1%	59.0%	56.8%	57.9%	59.0%	54.0%	50.2%
Northeast	57.4%	58.7%	60.8%	61.2%	60.7%	56.1%	55.4%	58.8%	50.7%	47.0%
Mid-Atlantic	52.0%	54.3%	56.9%	59.6%	56.9%	55.8%	56.5%	56.0%	53.2%	49.8%
Southeast	49.8%	50.7%	53.8%	55.8%	55.3%	54.6%	55.7%	56.8%	53.1%	47.9%
Midwest	52.0%	55.0%	57.3%	57.1%	57.8%	55.3%	54.7%	58.5%	53.7%	49.0%
Southwest	51.2%	51.9%	52.7%	57.1%	61.0%	58.8%	59.5%	61.6%	56.3%	53.6%
Mountain Plains	46.0%	43.7%	45.7%	48.0%	50.2%	47.8%	49.8%	50.9%	44.2%	41.0%
Western	56.7%	60.3%	63.7%	63.6%	66.1%	62.8%	66.5%	64.3%	59.0%	56.3%
All Post-Partum Women										
U.S.	70.8%	72.9%	77.7%	80.3%	80.5%	76.3%	79.3%	81.6%	76.6%	72.6%
Northeast	79.0%	80.6%	85.5%	86.3%	85.3%	76.6%	78.1%	83.2%	74.6%	69.7%
Mid-Atlantic	73.7%	75.9%	85.2%	90.5%	83.8%	79.6%	84.0%	83.8%	77.6%	73.8%
Southeast	71.0%	72.0%	79.6%	83.4%	81.0%	74.7%	78.8%	81.0%	77.5%	72.0%
Midwest	67.6%	72.2%	75.7%	75.6%	71.6%	67.8%	68.9%	73.2%	69.2%	63.7%
Southwest	70.1%	70.8%	72.6%	77.4%	86.9%	86.5%	89.6%	92.3%	88.9%	86.0%
Mountain Plains	58.9%	62.2%	63.4%	66.0%	63.5%	64.4%	65.6%	71.8%	64.8%	58.8%
Western	72.9%	75.2%	80.1%	81.5%	84.5%	78.7%	82.8%	81.6%	76.8%	75.6%

Source: CPS-ASEC, ACS, PRCS, Census International Data Base, and WIC Administrative Data

Table H.13: WIC Coverage Rates by Race/Ethnicity and by Eligibility Category, CY 2014

	Infants	Children	Pregnant Women	Postpartum women
white-only, non-Hispanic	66.6	34.6	46.9	63.5
black-only, non-Hispanic	90.5	45.3	50.5	83.5
other, non-Hispanic	78.6	40.3	38.3	60.7
Hispanic	89.9	60.5	57	80.1

Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, WIC Administrative Data, and Census International Data Base

Table H.14: WIC Coverage Rates by Eligibility Category and by FNS Region, CY 2014

	Infants	Children (Ages 1-4)	Pregnant Women	All Post-Partum Women	Total
Eligibles					
Northeast	218,523	837,926	142,520	145,262	1,344,230
Mid-Atlantic	272,098	1,053,757	177,461	170,953	1,674,270
Southeast	526,362	1,992,652	343,292	325,630	3,187,936
Midwest	368,281	1,392,932	240,192	237,496	2,238,901
Southwest	381,902	1,452,577	249,075	239,469	2,323,025
Mountain Plains	193,883	700,741	126,450	129,310	1,150,384
Western	490,700	1,917,087	320,033	358,742	3,086,562
Total	2,451,750	9,347,672	1,599,023	1,606,863	15,005,308
Participants					
Northeast	165,591	388,035	67,011	101,210	721,848
Mid-Atlantic	223,320	510,573	88,362	126,169	948,423
Southeast	409,213	797,632	164,510	234,613	1,605,968
Midwest	291,463	591,880	117,615	151,359	1,152,317
Southwest	325,214	634,431	133,497	205,934	1,299,075
Mountain Plains	131,034	264,577	51,867	76,030	523,508
Western	415,928	1,109,335	180,031	271,340	1,976,632
Total	1,961,762	4,296,463	802,892	1,166,655	8,227,771
Coverage Rates					
Northeast	75.8%	46.3%	47.0%	69.7%	53.7%
Mid-Atlantic	82.1%	48.5%	49.8%	73.8%	56.6%
Southeast	77.7%	40.0%	47.9%	72.0%	50.4%
Midwest	79.1%	42.5%	49.0%	63.7%	51.5%
Southwest	85.2%	43.7%	53.6%	86.0%	55.9%
Mountain Plains	67.6%	37.8%	41.0%	58.8%	45.5%
Western	84.8%	57.9%	56.3%	75.6%	64.0%
Total	80.0%	46.0%	50.2%	72.6%	54.8%

Source: 2015 CPS-ASEC, 2014 ACS, 2014 PRCS, WIC Administrative Data, and Census International Data Base

Table H.15: Effect of 2014 Methodology on All Eligibility Categories

	2005	2006	2007	2008	2009	2010	2011	2012	2013
All Participants	1.103	-2.165	-1.873	-0.204	-3.081	1.643	-1.203	-0.26	1.571
Infants	-1.473	-5.725	-6.844	-7.173	-8.348	-1.672	-5.841	-5.256	-0.158
Children Age 1	0.937	-4.611	-5.793	-2.105	-4.668	-0.301	-3.176	-1.136	-1.784
Children Age 2	-0.464	-5.046	-4.631	-2.635	-5.472	-2.804	-2.652	-0.923	-3.062
Children Age 3	-5.045	-5.901	-2.575	0.087	-4.58	-1.858	-1.776	-0.406	-1.602
Children Age 4	-2.781	-4.068	-3.264	0.519	-3.982	-0.32	-1.907	-0.799	0.927
Pregnant Women	24.893	19.503	18.085	17.669	16.179	24.641	19.357	20.097	26.56
Breastfeeding Postpartum Women	13.285	21.892	37.279	35.809	29.008	32.28	9.255	4.389	13.578
Non-Breastfeeding Postpartum Women	-9.923	-17.858	-24.105	-24.396	-24.017	-15.855	-18.022	-17.218	-12.665

Source: CPS-ASEC, PRCS, and Census International Data Base

Table H.16: Coverage Rates for All Eligibility Categories Using Previous Methodology

	2005	2006	2007	2008	2009	2010	2011	2012	2013
Infants	79.1	77.5	82.4	84.6	82.9	84.8	83.3	85.1	84.4
Children Age 1	62.6	62.7	64	70.5	71.9	76.2	71.2	75.2	68.8
Children Age 2	48.8	47.7	48.9	52.8	51	54.2	57.9	54.3	50
Children Age 3	42.9	41.8	43.6	46	44.4	45.9	49.8	49.3	47.3
Children Age 4	31.1	31.4	32.8	33.6	33.8	34.4	34.5	35.2	32.9
Pregnant Women	65.4	64.6	66.7	68.4	68.6	70.8	69.2	70.9	68.4
Breastfeeding Postpartum Women	69.6	75.6	88	91.2	88.2	85.2	71.1	70.4	71.9
Non-Breastfeeding Postpartum Women	73.3	70.5	72.3	73.6	72.8	76.9	81.5	84.6	84.9

Source: CPS-ASEC, PRCS, Census International Data Base, WIC Administrative Data, and WIC Participant and Program Characteristics Reports

End of document.