2023 National Healthcare Quality and Disparities Report

Appendix B. Quality Trends and Disparities Tables: Healthy Living

Many illnesses associated with chronic conditions are related to unhealthy behaviors, environmental hazards, and poor social supports. These illnesses can be prevented by increasing access to effective clinical preventive services and promoting community interventions that advance public and population health. Working with communities is critical to ensure that immunizations and early detection and prevention services reach everyone who needs them and to build healthy neighborhoods and support networks.

Importance

Promoting healthy lifestyles that prevent disease and disability is better for people and more efficient than treating conditions after organ damage has occurred. Healthy living is supported through preventive care strategies that cross all age groups and the care continuum. Among the most impactful preventive strategies are vaccinations for children and prenatal care.

Advances in medical science protect children against more diseases than ever before. Some diseases that once injured or killed thousands of children have been eradicated completely and others are close to eradication, primarily due to safe and effective vaccines. Polio is one example of the great impact vaccines have had in the United States. Polio was once America's most feared disease, causing death and paralysis across the country, but today, thanks to vaccination, there are no reports of polio in the United States.[i]

A strong body of research shows the cost-effectiveness of immunization; however, opportunities still exist for providers, patients, and systems to optimize immunization participation. It is less expensive to prevent a disease using immunization than to treat it. In a 2005 study on the economic impact of routine childhood immunization in the United States, researchers estimated that for every dollar spent, the vaccination program saved more than $5 in direct costs and approximately $11 in additional costs to society.[1,2]

Key Findings

Healthy living measures that improved overall include:

- Long-stay nursing home residents with physical restraints.
- Adolescents ages 16-17 who received 1 or more doses of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis since the age of 10 years.
- Adolescents ages 16-17 who received 1 or more doses of meningococcal conjugate vaccine.
- Home health care patients whose ability to get in and out of bed improved.
- Adolescents ages 16-17 who received 1 or more doses of meningococcal conjugate vaccine.

Healthy living measures that worsened overall include:

- Long-stay nursing home residents who were assessed for pneumococcal vaccination.
- Short-stay nursing home patients who had flu vaccination appropriately given.
- Home health care patients who had pneumococcal polysaccharide vaccination.
- Children ages 2-19 with obesity.

Healthy living measures that showed large disparities include:

- Children ages 19-35 months who received 3 or more doses of polio vaccine.
- Adults without hypertension who had their blood pressure measured in the past 2 years.
- Children ages 19-35 months who received 3 or more doses of hepatitis B vaccine.
- Children ages 19-35 months who received 1 or more doses of measles-mumps-rubella vaccine.

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[i] One case was reported in New York in 2022, in an unvaccinated individual.

Healthy living measures that showed worsening disparities include:

- Home health care patients who had pneumococcal polysaccharide vaccination.

References

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2. Leidner AJ, Murthy N, Chesson HW, Biggerstaff M, Stoecker C, Harris AM, Acosta A, Dooling K, Bridges CB. Cost-effectiveness of adult vaccinations: a systematic review. Vaccine. 2019;37(2):226-234. https://doi.org/10.1016/j.vaccine.2018.11.056. Accessed October 11, 2023.

Measure Category: 8. Healthy Living, Subcategory: 1. Maternal and Child Health

Appendix Table 8.1.1. Live-born infants with low birth weight (less than 2,500 g)

Source: NVSS_N

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2007	8.2	2021	8.5	0.2	No change	======	======	======	======	======	======
Race	API	2016	8.3	2018	8.6	------	------	======	------	------	------	------	------
	White	2007	13.6	2021	7.2	-5.9	Improving	======	======	======	======	======	======
	AI/AN	2007	7.5	2021	8.2	0.8	No change	======	White	7.2	8.2	13.9	Worse
	Asian	2019	8.7	2021	9.2	------	------	======			9.2	27.8	Worse
	NHPI	2019	7.5	2021	9.2	------	------	======			9.2	27.8	Worse
	Black	2007	7.2	2021	14.1	6.5	Worsening	======			14.1	95.8	Worse
Ethnicity	Non-Hispanic, White	2007	7.3	2021	7.0	-0.4	No change	======	======	======	======	======	======
	Hispanic, all races	2007	6.9	2021	7.8	0.8	No change	======	Non-Hispanic, White	7.0	7.8	11.4	Worse
	Non-Hispanic, all races	2007	8.6	2021	8.7	0.0	No change	======			8.7	24.3	Worse
	Non-Hispanic, AI/AN	2020	7.9	2021	8.1	------	------	======			8.1	15.7	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Asian	2020	8.5	2021	9.2	------	------	======			9.2	31.4	Worse
	Non-Hispanic, NHPI	2020	8.4	2021	9.3	------	------	======			9.3	32.9	Worse
	Non-Hispanic, Black	2007	13.9	2021	14.7	0.4	No change	======			14.7	110.0	Worse
Metropolitan status	Large fringe metro	2007	7.9	2021	8.1	0.1	No change	======	======	======	======	======	======
	Metropolitan	2007	8.2	2021	8.5	0.2	No change	======	Large fringe metro	8.1	8.5	4.9	Same
	Large central metro	2007	8.4	2021	8.8	0.2	No change	======			8.8	8.6	Same
	Medium metro	2007	8.2	2021	8.7	0.3	No change	======			8.7	7.4	Same
	Small metro	2007	8.1	2021	8.5	0.4	No change	======			8.5	4.9	Same
	Micropolitan	2007	8.4	2021	8.5	0.2	No change	======			8.5	4.9	Same
	Noncore	2007	8.3	2021	8.5	0.2	No change	======			8.5	4.9	Same
Age	25-29	2007	7.4	2021	8.0	0.6	No change	======	======	======	======	======	======
	Under 15	2007	12.4	2021	14.3	0.6	No change	======	25-29	8.0	14.3	78.8	Worse
	15-19	2007	9.8	2021	10.5	0.5	No change	======			10.5	31.3	Worse
	20-24	2007	8.3	2021	9.0	0.5	No change	======			9.0	12.5	Worse
	30-34	2007	7.6	2021	7.9	0.2	No change	======			7.9	-1.3	Same
	35 and over	2007	9.3	2021	9.4	-0.1	No change	======			9.4	17.5	Worse
Gender	Male	2007	7.6	2021	7.8	0.1	No change	======	======	======	======	======	======
	Female	2007	8.9	2021	9.3	0.3	No change	======	Male	7.8	9.3	19.2	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Education	At least some college	2016	8.1	2021	7.6	-2.2	Improving	======	======	======	======	======	======
	Less than high school graduate	2016	9.4	2021	10.0	1.1	Worsening	======	At least some college	7.6	10.0	31.6	Worse
	High school graduate	2016	9.1	2021	9.8	1.1	Worsening	======			9.8	28.9	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.1.2. Women with a live birth in the last 12 months who received early and at least adequate prenatal care

Source: NVSS_N

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2018	76.4	2021	75.6	1.8	No change	======	======	======	======	======	======
Race	White	2018	78.4	2021	77.3	2.5	No change	======	======	======	======	======	======
	AI/AN	2018	62.2	2021	61.9	0.6	No change	======	White	77.3	61.9	67.8	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Asian	2019	78.8	2021	77.4	------	------	======			77.4	-0.4	Same
	NHPI	2019	51.9	2021	51.8	------	------	======			51.8	112.3	Worse
	Black	2018	67.8	2021	68.4	-0.3	No change	======			68.4	39.2	Worse
Ethnicity	Non-Hispanic, AI/AN	2020	59.1	2020	59.1	------	------	======	------	------	------	------	------
	Non-Hispanic, Asian	2020	76.5	2020	76.5	------	------	======			------	------	------
	Non-Hispanic, NHPI	2020	47.1	2020	47.1	------	------	======			------	------	------
	Non-Hispanic, White	2018	81.1	2021	80.5	2.1	No change	======	======	======	======	======	======
	Hispanic, all races	2018	71.8	2021	69.7	2.9	No change	======	Non-Hispanic, White	80.5	69.7	55.4	Worse
	Non-Hispanic, all races	2018	77.9	2021	77.5	1.4	No change	======			77.5	15.4	Worse
	Non-Hispanic, Black	2018	67.8	2021	68.5	-0.4	No change	======			68.5	61.5	Worse
Metropolitan status	Large fringe metro	2018	77.7	2021	77.3	1.5	No change	======	======	======	======	======	======
	Metropolitan	2018	76.3	2021	75.4	2.0	No change	======	Large fringe metro	77.3	75.4	8.4	Same
	Large central metro	2018	74.5	2021	72.4	3.4	No change	======			72.4	21.6	Worse
	Medium metro	2018	77.3	2021	76.5	1.7	No change	======			76.5	3.5	Same
	Small metro	2018	77.2	2021	77.6	0.0	No change	======			77.6	-1.3	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Micropolitan	2018	77.2	2021	77.2	0.6	No change	======			77.2	0.4	Same
	Noncore	2018	76.2	2021	76.2	0.6	No change	======			76.2	4.8	Same
Age	25-29	2018	76.5	2021	75.7	1.8	No change	======	======	======	======	======	======
	Under 15	2018	37.9	2021	39.2	-0.2	No change	======	25-29	75.7	39.2	150.2	Worse
	15-19	2018	63.3	2021	62.6	0.9	No change	======			62.6	53.9	Worse
	20-24	2018	70.7	2021	70.4	0.7	No change	======			70.4	21.8	Worse
	30-34	2018	80.0	2021	78.3	3.7	No change	======			78.3	-10.7	Better
	35 and over	2018	80.1	2021	78.3	4.0	No change	======			78.3	-10.7	Better
Gender	Male	2018	76.4	2021	75.5	2.0	No change	======	======	======	======	======	======
	Female	2018	76.4	2021	75.6	1.9	No change	======	Male	75.5	75.6	-0.4	Same
Education	At least some college	2018	78.6	2021	80.7	-1.9	No change	======	======	======	======	======	======
	Less than high school graduate	2018	61.7	2021	58.9	2.7	Worsening	======	At least some college	80.7	58.9	113.0	Worse
	High school graduate	2018	72.2	2021	71.4	1.5	No change	======			71.4	48.2	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.1.3. Infant mortality per 1,000 live births, birth weight less than 1,500 grams

Source: NVSS_L

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Lower estimates are better for this measure. The measure unit is rate per 1,000.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2000	244.3	2020	198.4	-1.2	Improving	======	======	======	======	======	======
Race	White	2018	203.0	2020	198.3	------	------	======	======	======	======	======	======
	AI/AN	2018	197.6	2020	207.1	------	------	======	White	198.3	207.1	4.4	Same
	API	2018	193.3	2020	179.4	------	------	======			179.4	-9.5	Same
	Asian	2018	189.2	2020	176.2	------	------	======			176.2	-11.1	Better
	NHPI	2018	259.8	2020	222.5	------	------	======			222.5	12.2	Same
	Black	2018	215.7	2020	201.9	------	------	======			201.9	1.8	Same
Ethnicity	Non-Hispanic, White	2018	199.4	2020	192.2	------	------	======	======	======	======	======	======
	Hispanic, all races	2018	203.6	2020	200.4	------	------	======	Non-Hispanic, White	192.2	200.4	4.3	Same
	Non-Hispanic, all races	2018	205.2	2020	195.4	------	------	======			195.4	1.7	Same
	Non-Hispanic, AI/AN	2018	195.6	2020	202.0	------	------	======			202.0	5.1	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Asian	2018	182.3	2020	169.7	------	------	======				169.7	-11.7	Better
	Non-Hispanic, NHPI	2018	262.0	2020	208.0	------	------	======				208.0	8.2	Same
	Non-Hispanic, Black	2018	214.4	2020	202.4	------	------	======				202.4	5.3	Same
Metropolitan status	Large fringe metro	2013	209.5	2020	192.0	-1.1	Improving	======		======	======	======	======	======
	Large central metro	2013	222.5	2020	190.7	-1.8	Improving	======		Large fringe metro	192.0	190.7	-0.7	Same
	Medium metro	2013	229.9	2020	205.5	-1.6	Improving	======				205.5	7.0	Same
	Small metro	2013	215.4	2020	219.3	-0.5	No change	======				219.3	14.2	Worse
	Micropolitan	2013	216.3	2020	199.2	-1.0	No change	======				199.2	3.8	Same
	Noncore	2013	215.4	2020	206.9	-1.3	Improving	======				206.9	7.8	Same
Age	Under 15	2000	283.5	2014	392.8	-0.6	No change	======		------	------	------	------	------
	25-29	2000	250.9	2020	202.5	-1.0	No change	======		======	======	======	======	======
	15-19	2000	264.4	2020	224.5	-1.1	Improving	======		25-29	202.5	224.5	10.9	Worse
	20-24	2000	258.3	2020	215.2	-1.1	Improving	======				215.2	6.3	Same
	30-34	2000	225.1	2020	192.9	-1.0	No change	======				192.9	-4.7	Same
	35 and over	2000	218.9	2020	178.6	-1.2	Improving	======				178.6	-11.8	Better
Gender	Male	2000	263.7	2020	217.0	-1.1	Improving	======		======	======	======	======	======
	Female	2000	223.7	2020	179.5	-1.2	Improving	======		Male	217.0	179.5	-17.3	Better
Education	At least some college	2018	187.0	2020	183.0	------	------	======		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Less than high school graduate	2018	203.7	2020	197.2	------	------	======	At least some college	183.0	197.2	7.8	Same
	High school graduate	2018	216.1	2020	202.2	------	------	======			202.2	10.5	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.1.4. Infant mortality per 1,000 live births, birth weight 1,500-2,499 grams

Source: NVSS_L

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Lower estimates are better for this measure. The measure unit is rate per 1,000.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2000	15.8	2020	12.5	-1.0	Improving	======	======	======	======	======	======
Race	White	2018	13.5	2020	12.8	------	------	======	======	======	======	======	======
	AI/AN	2018	18.8	2020	18.9	------	------	======	White	12.8	18.9	47.7	Worse
	API	2018	8.6	2020	8.4	------	------	======			8.4	-34.4	Better
	Asian	2018	8.3	2020	7.9	------	------	======			7.9	-38.3	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Black	2018	13.8	2020	12.6	------	------	======			12.6	-1.6	Same
Ethnicity	Non-Hispanic, White	2018	13.6	2020	13.0	------	------	======	======	======	======	======	======
	Hispanic, all races	2018	12.7	2020	12.1	------	------	======	Non-Hispanic, White	13.0	12.1	-6.9	Same
	Non-Hispanic, all races	2018	13.3	2020	12.5	------	------	======			12.5	-3.8	Same
	Non-Hispanic, AI/AN	2018	21.3	2020	19.2	------	------	======			19.2	47.7	Same
	Non-Hispanic, Asian	2018	8.0	2020	7.4	------	------	======			7.4	-43.1	Better
	Non-Hispanic, Black	2018	14.0	2020	12.8	------	------	======			12.8	-1.5	Same
Metropolitan status	Large fringe metro	2013	11.8	2020	11.3	-0.2	No change	======	======	======	======	======	======
	Large central metro	2013	12.3	2020	11.2	-1.2	Improving	======	Large fringe metro	11.3	11.2	-0.9	Same
	Medium metro	2013	13.8	2020	13.1	-0.4	No change	======			13.1	15.9	Worse
	Small metro	2013	14.4	2020	15.0	-0.3	No change	======			15.0	32.7	Worse
	Micropolitan	2013	16.6	2020	14.3	-1.5	No change	======			14.3	26.5	Worse
	Noncore	2013	17.7	2020	15.7	-0.1	No change	======			15.7	38.9	Worse
Age	25-29	2000	15.5	2020	12.2	-0.8	No change	======	======	======	======	======	======
	15-19	2000	17.1	2020	15.8	-0.6	No change	======	25-29	12.2	15.8	29.5	Worse
	20-24	2000	16.4	2020	13.3	-0.9	No change	======			13.3	9.0	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	30-34	2000	14.2	2020	10.9	-1.0	No change	======			10.9	-10.7	Better
	35 and over	2000	15.9	2020	13.5	-0.9	No change	======			13.5	10.7	Worse
Gender	Male	2000	17.9	2020	13.9	-1.1	Improving	======	======	======	======	======	======
	Female	2000	13.9	2020	11.3	-0.9	No change	======	Male	13.9	11.3	-18.7	Better
Education	At least some college	2018	10.8	2020	10.4	------	------	======	======	======	======	======	======
	Less than high school graduate	2018	17.5	2020	15.9	------	------	======	At least some college	10.4	15.9	52.9	Worse
	High school graduate	2018	14.8	2020	13.8	------	------	======			13.8	32.7	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.1.5. Infant mortality per 1,000 live births, birth weight 2,500 grams or more

Source: NVSS_L

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Lower estimates are better for this measure. The measure unit is rate per 1,000.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001	2.4	2020	2.0	-0.9	No change	======	======	======	======	======	======
Race	White	2018	1.8	2020	1.7	------	------	======	======	======	======	======	======
	AI/AN	2018	4.0	2020	4.0	------	------	======	White	1.7	4.0	135.3	Worse
	API	2018	1.2	2020	1.0	------	------	======			1.0	-41.2	Better
	Asian	2018	1.1	2020	0.9	------	------	======			0.9	-47.1	Better
	NHPI	2018	3.8	2020	2.5	------	------	======			2.5	47.1	Same
	Black	2018	3.1	2020	3.3	------	------	======			3.3	94.1	Worse
Ethnicity	Non-Hispanic, White	2018	1.9	2020	1.8	------	------	======	======	======	======	======	======
	Hispanic, all races	2018	1.6	2020	1.6	------	------	======	Non-Hispanic, White	1.8	1.6	-11.1	Better
	Non-Hispanic, all races	2018	2.1	2020	2.1	------	------	======			2.1	16.7	Worse
	Non-Hispanic, AI/AN	2018	4.3	2020	4.1	------	------	======			4.1	127.8	Worse
	Non-Hispanic, Asian	2018	1.1	2020	0.9	------	------	======			0.9	-50.0	Better
	Non-Hispanic, NHPI	2018	4.5	2020	3.0	------	------	======			3.0	66.7	Worse
	Non-Hispanic, Black	2018	3.2	2020	3.4	------	------	======			3.4	88.9	Worse
Metropolitan status	Large fringe metro	2013	1.7	2020	1.6	-1.1	Improving	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Large central metro	2013	1.8	2020	1.7	-0.5	No change	======	Large fringe metro	1.6	1.7	6.3	Same
	Medium metro	2013	2.2	2020	2.2	-0.2	No change	======			2.2	37.5	Worse
	Small metro	2013	2.4	2020	2.5	-0.1	No change	======			2.5	56.3	Worse
	Micropolitan	2013	2.6	2020	2.7	0.1	No change	======			2.7	68.8	Worse
	Noncore	2013	3.0	2020	2.7	-1.7	Improving	======			2.7	68.8	Worse
Age	25-29	2001	2.1	2020	2.0	-0.1	No change	======	======	======	======	======	======
	15-19	2001	3.9	2020	3.8	-0.5	No change	======	25-29	2.0	3.8	90.0	Worse
	20-24	2001	3.1	2020	2.8	-0.6	No change	======			2.8	40.0	Worse
	30-34	2001	1.6	2020	1.4	-0.6	No change	======			1.4	-30.0	Better
	35 and over	2001	1.9	2020	1.5	-1.2	Improving	======			1.5	-25.0	Better
Gender	Male	2001	2.7	2020	2.2	-1.2	Improving	======	======	======	======	======	======
	Female	2001	2.1	2020	1.7	-1.1	Improving	======	Male	2.2	1.7	-22.7	Better
Education	At least some college	2018	1.4	2020	1.4	------	------	======	======	======	======	======	======
	Less than high school graduate	2018	3.1	2020	3.2	------	------	======	At least some college	1.4	3.2	128.6	Worse
	High school graduate	2018	2.7	2020	2.7	------	------	======			2.7	92.9	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.1.6. Composite measure: Infant mortality per 1,000 live births, all birth weights

Source: NVSS_L

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Lower estimates are better for this measure. The measure unit is rate per 1,000.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2000	6.9	2020	5.4	-1.3	Improving	======	======	======	======	======	======
Race	White	2018	4.7	2020	4.5	------	------	======	======	======	======	======	======
	AI/AN	2018	7.7	2020	7.7	------	------	======	White	4.5	7.7	71.1	Worse
	API	2018	4.0	2020	3.5	------	------	======			3.5	-22.2	Better
	Asian	2018	3.8	2020	3.4	------	------	======			3.4	-24.4	Better
	NHPI	2018	8.4	2020	6.8	------	------	======			6.8	51.1	Worse
	Black	2018	10.5	2020	10.0	------	------	======			10.0	122.2	Worse
Ethnicity	Non-Hispanic, White	2018	4.6	2020	4.4	------	------	======	======	======	======	======	======
	Hispanic, all races	2018	4.9	2020	4.7	------	------	======	Non-Hispanic, White	4.4	4.7	6.8	Same
	Non-Hispanic, all races	2018	5.8	2020	5.6	------	------	======			5.6	27.3	Worse
	Non-Hispanic, AI/AN	2018	8.2	2020	7.7	------	------	======			7.7	75.0	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Asian	2018	3.6	2020	3.1	------	------	======			3.1	-29.5	Better
	Non-Hispanic, NHPI	2018	9.4	2020	7.1	------	------	======			7.1	61.4	Worse
	Non-Hispanic, Black	2018	10.7	2020	10.4	------	------	======			10.4	136.4	Worse
Metropolitan status	Large fringe metro	2013	5.2	2020	4.7	-1.3	Improving	======	======	======	======	======	======
	Large central metro	2013	5.9	2020	5.1	-1.5	Improving	======	Large fringe metro	4.7	5.1	8.5	Same
	Medium metro	2013	6.4	2020	5.9	-1.1	Improving	======			5.9	25.5	Worse
	Small metro	2013	6.1	2020	6.3	-0.2	No change	======			6.3	34.0	Worse
	Micropolitan	2013	6.5	2020	6.1	-0.8	No change	======			6.1	29.8	Worse
	Noncore	2013	7.0	2020	6.4	-1.3	Improving	======			6.4	36.2	Worse
Age	25-29	2000	6.1	2020	5.3	-0.6	No change	======	======	======	======	======	======
	Under 15	2000	17.7	2020	15.4	-0.4	No change	======	25-29	5.3	15.4	190.6	Worse
	15-19	2000	9.8	2020	8.6	-1.0	No change	======			8.6	62.3	Worse
	20-24	2000	7.6	2020	6.6	-0.8	No change	======			6.6	24.5	Worse
	30-34	2000	5.6	2020	4.5	-1.1	Improving	======			4.5	-15.1	Better
	35 and over	2000	6.6	2020	5.1	-1.4	Improving	======			5.1	-3.8	Same
Gender	Male	2000	7.5	2020	5.9	-1.3	Improving	======	======	======	======	======	======
	Female	2000	6.2	2020	4.9	-1.2	Improving	======	Male	5.9	4.9	-16.9	Better
Education	At least some college	2018	4.3	2020	4.1	------	------	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Less than high school graduate	2018	7.4	2020	7.3	------	------	======	At least some college	4.1	7.3	78.0	Worse
	High school graduate	2018	7.1	2020	6.8	------	------	======			6.8	65.9	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.1.7. Infants born in the calendar year who received breastfeeding exclusively through 3 months

Source: NIS

Benchmark: 63.6 in 2016

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2009	35.9	2020	45.3	-1.4	Improving	More than 20 years	======	======	======	======	======
Race	White	2009	39.6	2020	49.2	-1.5	Improving	17 years	======	======	======	======	======
	AI/AN	2009	27.1	2020	39.2	-2.7	No change	No progress	White	49.2	39.2	19.6	Worse
	Asian	2009	40.6	2020	43.1	-0.5	No change	No progress			43.1	12.0	Worse
	NHPI	2009	29.5	2020	35.6	-2.0	No change	No progress			35.6	26.7	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Black	2009	24.2	2020	39.2	-2.0	Improving	18 years				39.2	19.7	Worse
	Multiple races	2009	33.8	2020	45.4	-1.8	Improving	17 years				45.4	7.5	Same
Ethnicity	Non-Hispanic, White	2009	39.6	2020	49.2	-1.5	Improving	17 years		======	======	======	======	======
	Hispanic, all races	2009	35.5	2020	43.0	-1.1	Improving	More than 20 years		Non-Hispanic, White	49.2	43.0	12.2	Worse
	Non-Hispanic, AI/AN	2009	27.1	2020	39.2	-2.7	No change	No progress				39.2	19.6	Worse
	Non-Hispanic, Asian	2009	40.6	2020	43.1	-0.5	No change	No progress				43.1	12.0	Worse
	Non-Hispanic, NHPI	2009	29.5	2020	35.6	-2.0	No change	No progress				35.6	26.7	Worse
	Non-Hispanic, Black	2009	24.2	2020	39.2	-2.0	Improving	18 years				39.2	19.7	Worse
	Non-Hispanic, multiple races	2009	33.8	2020	45.4	-1.8	Improving	17 years				45.4	7.5	Same
Income	600% of PL or more	2009	45.1	2020	51.5	-0.7	No change	No progress		======	======	======	======	======
	Less than 100% of PL	2009	27.8	2020	36.0	-1.4	Improving	More than 20 years		600% of PL or more	51.5	36.0	32.0	Worse
	100%-199% of PL	2009	34.6	2020	43.8	-1.1	Improving	No progress				43.8	15.9	Worse
	200%-399% of PL	2009	41.6	2020	47.8	-0.7	No change	No progress				47.8	7.6	Same
	400-599% of PL	2009	47.6	2020	52.4	-0.9	No change	No progress				52.4	-1.9	Same
Health insurance	Any private	2009	45.3	2020	52.0	-1.0	No change	No progress		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Public only	2009	27.9	2020	36.6	-1.3	Improving	More than 20 years		Any private	52.0	36.6	32.1	Worse
	Other insurance	2009	40.8	2020	54.7	-1.2	No change	No progress				54.7	-5.6	Same
	Uninsured	2009	41.9	2020	56.7	-2.7	Improving	5 years				56.7	-9.8	Same
Metropolitan status	Metropolitan	2009	36.6	2020	45.6	-1.4	Improving	More than 20 years		======	======	======	======	======
	Nonmetropolitan	2009	32.5	2020	43.2	-1.4	Improving	More than 20 years		Metropolitan	45.6	43.2	4.4	Same
Age	30 and over	2009	40.0	2020	47.2	-1.0	No change	More than 20 years		======	======	======	======	======
	Under 20	2009	22.0	2020	37.9	-2.8	Improving	13 years		30 and over	47.2	37.9	17.5	Same
	20-29	2009	31.5	2020	41.9	-1.6	Improving	More than 20 years				41.9	10.0	Worse
Education	At least some college	2009	43.8	2020	45.3	0.1	No change	No progress		======	======	======	======	======
	Less than high school graduate	2009	26.4	2020	35.9	-1.1	Improving	More than 20 years		At least some college	45.3	35.9	17.2	Worse
	High school graduate	2009	28.9	2020	38.7	-1.4	Improving	More than 20 years				38.7	12.1	Worse
	College graduate or more	2009	48.7	2020	52.5	-0.6	No change	No progress				52.5	-13.2	Better

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Measure Category: 8. Healthy Living, Subcategory: 2. Lifestyle Modification

Appendix Table 8.2.1. Adults who smoked and had a doctor's office or clinic visit in the last 12 months who received advice from their providers to quit smoking

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2019

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	56.6	2019	56.6	------	------	======	======	======	======	======	======
Race	White	2019	59.6	2019	59.6	------	------	======	======	======	======	======	======
	Black	2019	45.5	2019	45.5	------	------	======	White	59.6	45.5	34.9	Worse
Ethnicity	Non-Hispanic, White	2019	62.5	2019	62.5	------	------	======	======	======	======	======	======
	Hispanic, all races	2019	44.3	2019	44.3	------	------	======	Non-Hispanic, White	62.5	44.3	48.5	Worse
	Non-Hispanic, all races	2019	58.2	2019	58.2	------	------	======			58.2	11.5	Same
	Non-Hispanic, Black	2019	45.3	2019	45.3	------	------	======			45.3	45.9	Worse
Income	400% of PL or more	2019	55.0	2019	55.0	------	------	======	======	======	======	======	======
	Less than 100% of PL	2019	60.2	2019	60.2	------	------	======	400% of PL or more	55.0	60.2	-11.6	Same
	100%-199% of PL	2019	51.7	2019	51.7	------	------	======			51.7	7.3	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	200%-399% of PL	2019	59.2	2019	59.2	------	------	======			59.2	-9.3	Same
Health insurance	Any private	2019	55.3	2019	55.3	------	------	======	======	======	======	======	======
	Public only	2019	62.6	2019	62.6	------	------	======	Any private	55.3	62.6	-16.3	Better
Metropolitan status	Large fringe metro	2019	56.9	2019	56.9	------	------	======	======	======	======	======	======
	Metropolitan	2019	54.6	2019	54.6	------	------	======	Large fringe metro	56.9	54.6	5.3	Same
	Large central metro	2019	50.4	2019	50.4	------	------	======			50.4	15.1	Same
	Medium metro	2019	56.2	2019	56.2	------	------	======			56.2	1.6	Same
	Small metro	2019	56.6	2019	56.6	------	------	======			56.6	0.7	Same
	Nonmetropolitan	2019	65.6	2019	65.6	------	------	======			65.6	-20.2	Same
	Micropolitan	2019	62.3	2019	62.3	------	------	======			62.3	-12.5	Same
	Noncore	2019	70.2	2019	70.2	------	------	======			70.2	-30.9	Better
Age	18-44	2019	51.8	2019	51.8	------	------	======	======	======	======	======	======
	45-64	2019	66.5	2019	66.5	------	------	======	18-44	51.8	66.5	-30.5	Better
	65 and over	2019	54.2	2019	54.2	------	------	======			54.2	-5.0	Same
Disability status	Without disability	2019	55.5	2019	55.5	------	------	======	======	======	======	======	======
	With any disability	2019	63.0	2019	63.0	------	------	======	Without disability	55.5	63.0	-16.9	Better
Gender	Male	2019	59.5	2019	59.5	------	------	======	======	======	======	======	======
	Female	2019	54.3	2019	54.3	------	------	======	Male	59.5	54.3	12.8	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Education	At least some college	2019	53.9	2019	53.9	------	------	======	======	======	======	======	======
	Less than high school graduate	2019	57.8	2019	57.8	------	------	======	At least some college	53.9	57.8	-8.5	Same
	High school graduate	2019	59.7	2019	59.7	------	------	======			59.7	-12.6	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.2. Adult smokers who received advice from health professional to quit

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2020	48.1	2020	48.1	------	------	======	======	======	======	======	======
Race	White	2020	48.6	2020	48.6	------	------	======	======	======	======	======	======
	Asian	2020	42.0	2020	42.0	------	------	======	White	48.6	42.0	12.8	Same
	Black	2020	51.2	2020	51.2	------	------	======			51.2	-5.1	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Multiple races	2020	54.6	2020	54.6	------	------	======			54.6	-11.7	Same
Ethnicity	Non-Hispanic, White	2020	49.8	2020	49.8	------	------	======	======	======	======	======	======
	Hispanic, all races	2020	32.9	2020	32.9	------	------	======	Non-Hispanic, White	49.8	32.9	33.7	Worse
	Non-Hispanic, all races	2020	50.0	2020	50.0	------	------	======			50.0	-0.4	Same
	Non-Hispanic, Asian	2020	41.9	2020	41.9	------	------	======			41.9	15.7	Same
	Non-Hispanic, Black	2020	51.3	2020	51.3	------	------	======			51.3	-3.0	Same
	Non-Hispanic, multiple races	2020	55.5	2020	55.5	------	------	======			55.5	-11.4	Same
Income	400% of PL or more	2020	46.0	2020	46.0	------	------	======	======	======	======	======	======
	Less than 100% of PL	2020	51.5	2020	51.5	------	------	======	400% of PL or more	46.0	51.5	-10.2	Same
	100%-199% of PL	2020	50.0	2020	50.0	------	------	======			50.0	-7.4	Same
	200%-399% of PL	2020	47.6	2020	47.6	------	------	======			47.6	-3.0	Same
Health insurance	Any private	2020	42.8	2020	42.8	------	------	======	======	======	======	======	======
	Public only	2020	55.7	2020	55.7	------	------	======	Any private	42.8	55.7	-22.6	Better
	Uninsured	2020	32.1	2020	32.1	------	------	======			32.1	18.7	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Metropolitan status	Large fringe metro	2020	45.0	2020	45.0	------	------	======	======	======	======	======	======
	Metropolitan	2020	48.2	2020	48.2	------	------	======	Large fringe metro	45.0	48.2	-5.8	Same
	Large central metro	2020	43.9	2020	43.9	------	------	======			43.9	2.0	Same
	Medium metro	2020	52.4	2020	52.4	------	------	======			52.4	-13.5	Better
	Small metro	2020	54.6	2020	54.6	------	------	======			54.6	-17.5	Better
	Micropolitan (nonmetro)	2020	48.7	2020	48.7	------	------	======			48.7	-6.7	Same
	Noncore (nonmetro)	2020	44.3	2020	44.3	------	------	======			44.3	1.3	Same
Age	18-44	2020	39.1	2020	39.1	------	------	======	======	======	======	======	======
	45-64	2020	56.6	2020	56.6	------	------	======	18-44	39.1	56.6	-28.7	Better
	65 and over	2020	62.5	2020	62.5	------	------	======			62.5	-38.4	Better
Disability status	Without disability	2020	45.6	2020	45.6	------	------	======	======	======	======	======	======
	With any disability	2020	64.4	2020	64.4	------	------	======	Without disability	45.6	64.4	-34.6	Better
Gender	Male	2020	48.2	2020	48.2	------	------	======	======	======	======	======	======
	Female	2020	48.0	2020	48.0	------	------	======	Male	48.2	48.0	0.4	Same
Education	At least some college	2020	49.5	2020	49.5	------	------	======	======	======	======	======	======
	Less than high school graduate	2020	52.9	2020	52.9	------	------	======	At least some college	49.5	52.9	-6.7	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	High school graduate	2020	52.0	2020	52.0	------	------	======			52.0	-5.0	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.3. Adult current smokers who tried to quit for at least 1 day

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2020	56.0	2020	56.0	------	------	======	======	======	======	======	======
Race	White	2020	53.7	2020	53.7	------	------	======	======	======	======	======	======
	AI/AN	2020	48.7	2020	48.7	------	------	======	White	53.7	48.7	10.8	Same
	Asian	2020	68.9	2020	68.9	------	------	======			68.9	-32.8	Better
	Black	2020	63.1	2020	63.1	------	------	======			63.1	-20.3	Better
	Multiple races	2020	61.5	2020	61.5	------	------	======			61.5	-16.8	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Ethnicity	Non-Hispanic, White	2020	53.7	2020	53.7	------	------	======		======	======	======	======	======
	Hispanic, all races	2020	56.5	2020	56.5	------	------	======		Non-Hispanic, White	53.7	56.5	-6.0	Same
	Non-Hispanic, all races	2020	55.8	2020	55.8	------	------	======				55.8	-4.5	Same
	Non-Hispanic, AI/AN	2020	51.0	2020	51.0	------	------	======				51.0	5.8	Same
	Non-Hispanic, Asian	2020	69.1	2020	69.1	------	------	======				69.1	-33.3	Better
	Non-Hispanic, Black	2020	61.9	2020	61.9	------	------	======				61.9	-17.7	Better
	Non-Hispanic, multiple races	2020	57.9	2020	57.9	------	------	======				57.9	-9.1	Same
Income	400% of PL or more	2020	58.1	2020	58.1	------	------	======		======	======	======	======	======
	Less than 100% of PL	2020	56.6	2020	56.6	------	------	======		400% of PL or more	58.1	56.6	3.6	Same
	100%-199% of PL	2020	56.9	2020	56.9	------	------	======				56.9	2.9	Same
	200%-399% of PL	2020	53.5	2020	53.5	------	------	======				53.5	11.0	Same
Health insurance	Any private	2020	57.3	2020	57.3	------	------	======		======	======	======	======	======
	Public only	2020	59.9	2020	59.9	------	------	======		Any private	57.3	59.9	-6.1	Same
	Uninsured	2020	54.4	2020	54.4	------	------	======				54.4	6.8	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Metropolitan status	Large fringe metro	2020	55.6	2020	55.6	------	------	======	======	======	======	======	======
	Metropolitan	2020	56.7	2020	56.7	------	------	======	Large fringe metro	55.6	56.7	-2.5	Same
	Large central metro	2020	61.6	2020	61.6	------	------	======			61.6	-13.5	Same
	Medium metro	2020	55.0	2020	55.0	------	------	======			55.0	1.4	Same
	Small metro	2020	51.3	2020	51.3	------	------	======			51.3	9.7	Same
	Micropolitan (nonmetro)	2020	54.0	2020	54.0	------	------	======			54.0	3.6	Same
	Noncore (nonmetro)	2020	53.1	2020	53.1	------	------	======			53.1	5.6	Same
Age	18-44	2020	61.6	2020	61.6	------	------	======	======	======	======	======	======
	45-64	2020	49.5	2020	49.5	------	------	======	18-44	61.6	49.5	31.5	Worse
	65 and over	2020	49.8	2020	49.8	------	------	======			49.8	30.7	Worse
Disability status	Without disability	2020	55.2	2020	55.2	------	------	======	======	======	======	======	======
	With any disability	2020	61.3	2020	61.3	------	------	======	Without disability	55.2	61.3	-13.6	Same
Gender	Male	2020	55.6	2020	55.6	------	------	======	======	======	======	======	======
	Female	2020	56.3	2020	56.3	------	------	======	Male	55.6	56.3	-1.6	Same
Education	At least some college	2020	55.0	2020	55.0	------	------	======	======	======	======	======	======
	Less than high school graduate	2020	53.5	2020	53.5	------	------	======	At least some college	55.0	53.5	3.3	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	High school graduate	2020	53.1	2020	53.1	------	------	======			53.1	4.2	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.4. Adult smokers who quit successfully

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2020	8.5	2020	8.5	------	------	======	======	======	======	======	======
Race	White	2020	9.4	2020	9.4	------	------	======	======	======	======	======	======
	Black	2020	7.7	2020	7.7	------	------	======	White	9.4	7.7	1.9	Same
Ethnicity	Non-Hispanic, White	2020	9.6	2020	9.6	------	------	======	======	======	======	======	======
	Hispanic, all races	2020	5.2	2020	5.2	------	------	======	Non-Hispanic, White	9.6	5.2	4.9	Same
	Non-Hispanic, all races	2020	8.9	2020	8.9	------	------	======			8.9	0.8	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2020	7.8	2020	7.8	------	------	======				7.8	2.0	Same
Income	400% of PL or more	2020	12.6	2020	12.6	------	------	======		======	======	======	======	======
	Less than 100% of PL	2020	5.7	2020	5.7	------	------	======		400% of PL or more	12.6	5.7	7.9	Same
	100%-199% of PL	2020	6.6	2020	6.6	------	------	======				6.6	6.9	Same
	200%-399% of PL	2020	8.1	2020	8.1	------	------	======				8.1	5.1	Same
Health insurance	Any private	2020	12.0	2020	12.0	------	------	======		======	======	======	======	======
	Public only	2020	9.1	2020	9.1	------	------	======		Any private	12.0	9.1	3.3	Same
	Uninsured	2020	3.7	2020	3.7	------	------	======				3.7	9.4	Same
Metropolitan status	Large fringe metro	2020	8.3	2020	8.3	------	------	======		======	======	======	======	======
	Metropolitan	2020	9.1	2020	9.1	------	------	======		Large fringe metro	8.3	9.1	-0.9	Same
	Large central metro	2020	11.0	2020	11.0	------	------	======				11.0	-2.9	Same
	Medium metro	2020	8.2	2020	8.2	------	------	======				8.2	0.1	Same
	Small metro	2020	8.9	2020	8.9	------	------	======				8.9	-0.7	Same
	Micropolitan (nonmetro)	2020	6.1	2020	6.1	------	------	======				6.1	2.4	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Noncore (nonmetro)	2020	5.5	2020	5.5	------	------	======				5.5	3.1	Same
Age	18-44	2020	11.2	2020	11.2	------	------	======		======	======	======	======	======
	45-64	2020	5.1	2020	5.1	------	------	======		18-44	11.2	5.1	6.9	Same
	65 and over	2020	5.7	2020	5.7	------	------	======				5.7	6.2	Same
Disability status	Without disability	2020	8.5	2020	8.5	------	------	======		======	======	======	======	======
	With any disability	2020	7.4	2020	7.4	------	------	======		Without disability	8.5	7.4	1.2	Same
Gender	Male	2020	8.1	2020	8.1	------	------	======		======	======	======	======	======
	Female	2020	8.8	2020	8.8	------	------	======		Male	8.1	8.8	-0.8	Same
Education	At least some college	2020	9.4	2020	9.4	------	------	======		======	======	======	======	======
	Less than high school graduate	2020	5.8	2020	5.8	------	------	======		At least some college	9.4	5.8	4.0	Same
	High school graduate	2020	6.3	2020	6.3	------	------	======				6.3	3.4	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.5. Adults who do not smoke now

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	57.1	2021	62.7	------	------	======	======	======	======	======	======
Race	AI/AN	2019	51.1	2020	44.2	------	------	======	------	------	------	------	------
	White	2019	59.0	2021	64.1	------	------	======	======	======	======	======	======
	Asian	2019	59.3	2021	65.0	------	------	======	White	64.1	65.0	-2.5	Same
	Black	2019	42.2	2021	47.7	------	------	======			47.7	45.7	Worse
	Multiple races	2019	46.5	2021	63.1	------	------	======			63.1	2.8	Same
Ethnicity	Non-Hispanic, AI/AN	2020	45.6	2020	45.6	------	------	======	------	------	------	------	------
	Non-Hispanic, White	2019	58.8	2021	63.7	------	------	======	======	======	======	======	======
	Hispanic, all races	2019	59.7	2021	66.2	------	------	======	Non-Hispanic, White	63.7	66.2	-6.9	Same
	Non-Hispanic, all races	2019	56.8	2021	62.2	------	------	======			62.2	4.1	Same
	Non-Hispanic, Asian	2020	56.1	2021	64.7	------	------	======			64.7	-2.8	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2019	42.3	2021	47.1	------	------	======			47.1	45.7	Worse
	Non-Hispanic, multiple races	2020	55.4	2021	60.9	------	------	======			60.9	7.7	Same
Income	400% of PL or more	2019	70.9	2021	75.5	------	------	======	======	======	======	======	======
	Less than 100% of PL	2019	39.4	2021	46.0	------	------	======	400% of PL or more	75.5	46.0	120.4	Worse
	100%-199% of PL	2019	46.7	2021	51.2	------	------	======			51.2	99.2	Worse
	200%-399% of PL	2019	55.8	2021	62.5	------	------	======			62.5	53.1	Worse
Health insurance	Any private	2019	60.6	2021	67.2	------	------	======	======	======	======	======	======
	Public only	2019	40.1	2021	46.4	------	------	======	Any private	67.2	46.4	63.4	Worse
	Uninsured	2019	40.1	2021	43.7	------	------	======			43.7	71.6	Worse
Metropolitan status	Large fringe metro	2019	61.3	2021	70.6	------	------	======	======	======	======	======	======
	Metropolitan	2019	58.4	2021	64.5	------	------	======	Large fringe metro	70.6	64.5	20.7	Worse
	Large central metro	2019	57.8	2021	65.2	------	------	======			65.2	18.4	Worse
	Medium metro	2019	57.4	2021	60.3	------	------	======			60.3	35.0	Worse
	Small metro	2019	54.7	2021	59.2	------	------	======			59.2	38.8	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Micropolitan (nonmetro)	2019	52.2	2021	56.4	------	------	======			56.4	48.3	Worse
	Noncore (nonmetro)	2019	47.3	2021	50.1	------	------	======			50.1	69.7	Worse
Age	18-44	2019	49.4	2021	58.0	------	------	======	======	======	======	======	======
	45-64	2019	58.3	2021	62.1	------	------	======	18-44	58.0	62.1	-9.8	Same
	65 and over	2019	82.5	2021	81.9	------	------	======			81.9	-56.9	Better
Disability status	Without disability	2019	58.1	2021	63.5	------	------	======	======	======	======	======	======
	With any disability	2019	47.7	2021	55.2	------	------	======	Without disability	63.5	55.2	22.7	Worse
Gender	Male	2019	59.5	2021	63.8	------	------	======	======	======	======	======	======
	Female	2019	53.9	2021	61.3	------	------	======	Male	63.8	61.3	6.9	Same
Education	At least some college	2019	67.1	2021	71.2	------	------	======	======	======	======	======	======
	Less than high school graduate	2019	44.7	2021	48.9	------	------	======	At least some college	71.2	48.9	77.4	Worse
	High school graduate	2019	52.5	2021	58.1	------	------	======			58.1	45.5	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.6. People ages 2-19 years with obesity who had been told by a doctor or health professional that they were overweight

Source: NHANES

Benchmark: Not available

Data year for disparities analysis: 2017 - March 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001-2004	39.3	2017 - March 2020	51.4	-1.2	Improving	======	======	======	======	======	======
Race	White	2001-2004	38.7	2017 - March 2020	49.0	-1.0	Improving	======	======	======	======	======	======
	Black	2001-2004	41.9	2017 - March 2020	52.9	-0.7	No change	======	White	49.0	52.9	-7.6	Same
Ethnicity	Non-Hispanic, White	2001-2004	38.7	2017 - March 2020	49.0	-1.0	Improving	======	======	======	======	======	======
	Hispanic, all races	2009-2012	48.9	2017 - March 2020	55.5	------	------	======	Non-Hispanic, White	49.0	55.5	-12.7	Same
	Mexican American	2001-2004	41.2	2017 - March 2020	59.5	-2.1	Improving	======			59.5	-20.6	Same
	Non-Hispanic, all races	2001-2004	38.6	2017 - March 2020	49.4	-1.0	No change	======			49.4	-0.8	Same
	Non-Hispanic, Black	2001-2004	41.9	2017 - March 2020	52.9	-0.7	No change	======			52.9	-7.6	Same
Income	400% of PL or more	2001-2004	37.2	2017 - March 2020	47.3	------	------	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Less than 100% of PL	2001-2004	45.8	2017 - March 2020	50.0	-0.4	No change	======	400% of PL or more	47.3	50.0	-5.1	Same
	100%-199% of PL	2001-2004	41.1	2017 - March 2020	52.1	-1.0	Improving	======			52.1	-9.1	Same
	200%-399% of PL	2001-2004	35.1	2017 - March 2020	48.9	-1.2	No change	======			48.9	-3.0	Same
Health insurance	Uninsured	2005-2008	41.9	2013-2016	43.3	------	------	======	------	------	------	------	------
	Any private	2005-2008	38.2	2017 - March 2020	44.1	-0.7	No change	======	======	======	======	======	======
	Insured	2005-2008	42.1	2017 - March 2020	51.1	-1.3	No change	======	Any private	44.1	51.1	-12.5	Same
	Public only	2005-2008	47.9	2017 - March 2020	56.2	-1.3	No change	======			56.2	-21.6	Better
Age	6-11	2001-2004	35.9	2013-2016	39.9	-0.6	No change	======	------	------	------	------	------
	12-19	2001-2004	47.3	2013-2016	52.6	-0.9	No change	======			------	------	------
	2-5	2001-2004	22.7	2013-2016	23.2	0.1	No change	======	======	======	======	======	======
Gender	Male	2001-2004	38.6	2017 - March 2020	47.6	-0.9	No change	======	======	======	======	======	======
	Female	2001-2004	40.2	2017 - March 2020	55.9	-1.6	Improving	======	Male	47.6	55.9	-15.8	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.7. Adults age 20 and over with obesity who had been told by a doctor or health professional that they were overweight

Source: NHANES

Benchmark: Not available

Data year for disparities analysis: 2017 - March 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001-2004	64.5	2017 - March 2020	73.3	-1.8	Improving	======	======	======	======	======	======
Race	White	2001-2004	66.9	2017 - March 2020	75.4	-2.0	Improving	======	======	======	======	======	======
	Asian	2013-2016	66.2	2017 - March 2020	67.6	------	------	======	White	75.4	67.6	31.7	Worse
	Black	2001-2004	59.5	2017 - March 2020	67.9	-1.4	Improving	======			67.9	30.5	Worse
Ethnicity	Non-Hispanic, White	2001-2004	66.9	2017 - March 2020	75.4	-2.0	Improving	======	======	======	======	======	======
	Hispanic, all races	2009-2012	60.0	2017 - March 2020	71.5	------	------	======	Non-Hispanic, White	75.4	71.5	15.9	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Mexican American	2001-2004	54.5	2017 - March 2020	73.1	-2.9	Improving	======				73.1	9.3	Same
	Non-Hispanic, all races	2001-2004	65.0	2017 - March 2020	73.6	-1.8	Improving	======				73.6	7.3	Same
	Non-Hispanic, Asian	2013-2016	66.2	2017 - March 2020	67.6	------	------	======				67.6	31.7	Worse
	Non-Hispanic, Black	2001-2004	59.5	2017 - March 2020	67.9	-1.4	Improving	======				67.9	30.5	Worse
Income	400% of PL or more	2001-2004	68.5	2017 - March 2020	76.6	-1.6	Improving	======		======	======	======	======	======
	Less than 100% of PL	2001-2004	63.0	2017 - March 2020	69.9	-1.4	Improving	======		400% of PL or more	76.6	69.9	28.6	Worse
	100%-199% of PL	2001-2004	63.3	2017 - March 2020	71.9	-1.8	Improving	======				71.9	20.1	Same
	200%-399% of PL	2001-2004	62.3	2017 - March 2020	73.1	-2.3	Improving	======				73.1	15.0	Same
Health insurance	Private	2005-2008	67.6	2017 - March 2020	74.8	-2.2	Improving	======		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Insured	2005-2008	68.4	2017 - March 2020	74.6	-1.9	Improving	======	Private	74.8	74.6	0.8	Same
	Public	2005-2008	72.4	2017 - March 2020	74.1	-0.4	No change	======			74.1	2.8	Same
	Uninsured	2005-2008	51.6	2017 - March 2020	65.6	-2.7	Improving	======			65.6	36.5	Worse
Age	20-44	2001-2004	57.4	2017 - March 2020	70.6	-2.2	Improving	======	======	======	======	======	======
	45-64	2001-2004	69.3	2017 - March 2020	77.6	-1.9	Improving	======	20-44	70.6	77.6	-23.8	Better
	65 and over	2001-2004	76.8	2017 - March 2020	73.6	0.1	No change	======			73.6	-10.2	Same
Gender	Male	2001-2004	59.5	2017 - March 2020	69.3	-1.7	Improving	======	======	======	======	======	======
	Female	2001-2004	69.1	2017 - March 2020	77.3	-2.0	Improving	======	Male	69.3	77.3	-26.1	Better
Education	At least some college	2001-2004	69.2	2017 - March 2020	76.9	-1.9	Improving	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Less than high school graduate	2001-2004	60.7	2017 - March 2020	59.7	0.0	No change	======	At least some college	76.9	59.7	74.5	Worse
	High school graduate	2001-2004	64.3	2017 - March 2020	71.8	-1.2	Improving	======			71.8	22.1	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.8. Children ages 2-19 with obesity

Source: NHANES

Benchmark: Not available

Data year for disparities analysis: 2017 - March 2020

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001-2004	16.3	2017 - March 2020	19.7	1.2	Worsening	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Race	White	2001-2004	15.1	2017 - March 2020	16.6	0.6	No change	======	======	======	======	======	======
	Asian	2013-2016	9.8	2017 - March 2020	9.0	------	------	======	White	16.6	9.0	-45.8	Better
	Black	2001-2004	18.8	2017 - March 2020	24.8	1.4	Worsening	======			24.8	49.4	Worse
Ethnicity	Non-Hispanic, White	2001-2004	15.1	2017 - March 2020	16.6	0.6	No change	======	======	======	======	======	======
	Hispanic, all races	2009-2012	21.8	2017 - March 2020	26.2	------	------	======	Non-Hispanic, White	16.6	26.2	57.8	Worse
	Mexican American	2001-2004	19.4	2017 - March 2020	27.8	2.1	Worsening	======			27.8	67.5	Worse
	Non-Hispanic, all races	2009-2012	15.5	2017 - March 2020	17.6	------	------	======			17.6	6.0	Same
	Non-Hispanic, Asian	2013-2016	9.8	2017 - March 2020	9.0	------	------	======			9.0	-45.8	Better
	Non-Hispanic, Black	2001-2004	18.8	2017 - March 2020	24.8	1.4	Worsening	======			24.8	49.4	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	400% of PL or more	2001-2004	11.2	2017 - March 2020	10.5	-0.2	No change	======	======	======	======	======	======
	Less than 100% of PL	2001-2004	17.9	2017 - March 2020	24.9	1.8	Worsening	======	400% of PL or more	10.5	24.9	137.1	Worse
	100%-199% of PL	2001-2004	16.7	2017 - March 2020	25.6	2.5	Worsening	======			25.6	143.8	Worse
	200%-399% of PL	2001-2004	17.8	2017 - March 2020	18.7	0.4	No change	======			18.7	78.1	Worse
Health insurance	Private	2005-2008	13.8	2017 - March 2020	14.5	0.4	No change	======	======	======	======	======	======
	Insured	2005-2008	15.6	2017 - March 2020	19.1	1.6	Worsening	======	Private	14.5	19.1	31.7	Worse
	Public	2005-2008	19.1	2017 - March 2020	24.6	2.1	Worsening	======			24.6	69.7	Worse
	Uninsured	2005-2008	20.3	2017 - March 2020	28.7	2.9	No change	======			28.7	97.9	Worse
Age	2-5	2001-2004	12.3	2017 - March 2020	12.6	0.4	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	6-11	2001-2004	17.5	2017 - March 2020	20.9	1.0	No change	======	2-5	12.6	20.9	65.9	Worse
	12-19	2001-2004	17.0	2017 - March 2020	22.1	1.7	Worsening	======			22.1	75.4	Worse
Gender	Male	2001-2004	17.3	2017 - March 2020	20.9	1.1	Worsening	======	======	======	======	======	======
	Female	2001-2004	15.2	2017 - March 2020	18.5	1.3	Worsening	======	Male	20.9	18.5	-11.5	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.9. Adults with obesity who do not spend half an hour or more in moderate or vigorous physical activity at least five times a week

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2011	59.9	2020	57.1	-0.7	No change	======		======	======	======	======	======
Race	Asian	2011	61.8	2018	49.0	-3.5	Improving	======		------	------	------	------	------
	White	2011	60.6	2020	56.8	-0.7	No change	======		======	======	======	======	======
	Black	2011	58.2	2020	57.3	-0.6	No change	======		White	56.8	57.3	0.9	Same
	Multiple races	2011	56.0	2020	53.7	0.4	No change	======				53.7	-5.5	Same
Ethnicity	Non-Hispanic, Asian	2011	62.0	2018	47.5	-3.9	Improving	======		------	------	------	------	------
	Non-Hispanic, White	2011	60.6	2020	56.3	-0.9	No change	======		======	======	======	======	======
	Hispanic, all races	2011	59.4	2020	58.2	-0.1	No change	======		Non-Hispanic, White	56.3	58.2	3.4	Same
	Non-Hispanic, all races	2011	60.0	2020	56.7	-0.8	No change	======				56.7	0.7	Same
	Non-Hispanic, Black	2011	58.6	2020	57.0	-0.7	No change	======				57.0	1.2	Same
	Non-Hispanic, others	2011	57.4	2020	60.2	0.2	No change	======				60.2	6.9	Same
Income	400% of PL or more	2011	58.3	2020	55.0	-0.8	No change	======		======	======	======	======	======
	Less than 100% of PL	2011	63.4	2020	65.1	-0.1	No change	======		400% of PL or more	55.0	65.1	18.4	Worse
	100%-199% of PL	2011	61.1	2020	58.0	-0.8	No change	======				58.0	5.5	Same
	200%-399% of PL	2011	59.2	2020	56.7	-0.5	No change	======				56.7	3.1	Same
Health insurance	Any private	2011	57.1	2020	54.6	-0.6	No change	======		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Public only	2011	64.7	2020	59.8	-1.2	Improving	======		Any private	54.6	59.8	9.5	Same
	Uninsured	2011	55.3	2020	60.7	0.9	No change	======				60.7	11.2	Same
Metropolitan status	Large fringe metro	2011	63.9	2020	54.1	-1.5	Improving	======		======	======	======	======	======
	Metropolitan	2011	60.3	2020	57.1	-0.6	No change	======		Large fringe metro	54.1	57.1	5.5	Same
	Large central metro	2011	57.5	2020	56.6	-0.5	No change	======				56.6	4.6	Same
	Medium metro	2011	60.2	2020	58.1	-0.4	No change	======				58.1	7.4	Same
	Small metro	2011	59.7	2020	62.9	0.4	No change	======				62.9	16.3	Worse
	Nonmetropolitan	2011	58.1	2020	56.8	-0.9	No change	======				56.8	5.0	Same
	Micropolitan	2011	56.0	2020	54.9	-0.8	No change	======				54.9	1.5	Same
	Noncore	2011	62.4	2020	60.0	-1.1	No change	======				60.0	10.9	Same
Age	18-44	2011	55.8	2020	54.9	-0.2	No change	======		======	======	======	======	======
	45-64	2011	61.7	2020	58.1	-1.1	Improving	======		18-44	54.9	58.1	5.8	Same
	65 and over	2011	69.8	2020	62.1	-1.3	Improving	======				62.1	13.1	Worse
Disability status	Without disability	2013	57.0	2020	54.0	-0.2	No change	======		======	======	======	======	======
	With any disability	2013	69.4	2020	68.9	0.2	No change	======		Without disability	54.0	68.9	27.6	Worse
Gender	Male	2011	54.8	2020	53.1	-0.4	No change	======		======	======	======	======	======
	Female	2011	65.0	2020	60.3	-1.0	Improving	======		Male	53.1	60.3	13.6	Worse
Education	At least some college	2011	60.5	2020	56.3	-0.9	No change	======		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Less than high school graduate	2011	62.0	2020	60.6	-0.5	No change	======		At least some college	56.3	60.6	7.6	Same
	High school graduate	2011	57.9	2020	57.4	-0.2	No change	======				57.4	2.0	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.10. Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	30.0	2020	37.6	-1.5	Improving	======		======	======	======	======	======
Race	AI/AN	2002	12.8	2015	39.0	-3.3	Improving	======		------	------	------	------	------
	White	2002	30.4	2020	39.6	-1.6	Improving	======		======	======	======	======	======
	Asian	2002	27.7	2020	33.8	-1.9	Improving	======		White	39.6	33.8	9.6	Same
	Black	2002	30.8	2020	27.8	-0.8	No change	======				27.8	19.5	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Multiple races	2002	25.8	2020	41.7	-1.9	Improving	======			41.7	-3.5	Same
Ethnicity	Non-Hispanic, White	2002	30.5	2020	39.9	-1.5	Improving	======	======	======	======	======	======
	Hispanic, all races	2002	30.4	2020	38.9	-1.5	Improving	======	Non-Hispanic, White	39.9	38.9	1.7	Same
	Non-Hispanic, all races	2002	30.0	2020	37.1	-1.4	Improving	======			37.1	4.7	Same
	Non-Hispanic, Asian	2002	27.6	2020	33.7	-2.0	Improving	======			33.7	10.3	Same
	Non-Hispanic, Black	2002	30.5	2020	28.4	-0.8	No change	======			28.4	19.1	Worse
	Non-Hispanic, others	2002	20.5	2020	38.1	-1.7	Improving	======			38.1	3.0	Same
Income	400% of PL or more	2002	36.4	2020	40.6	-1.3	Improving	======	======	======	======	======	======
	Less than 100% of PL	2002	27.5	2020	33.6	-1.2	Improving	======	400% of PL or more	40.6	33.6	11.8	Worse
	100%-199% of PL	2002	26.7	2020	34.4	-1.4	Improving	======			34.4	10.4	Worse
	200%-399% of PL	2002	28.2	2020	38.2	-1.6	Improving	======			38.2	4.0	Same
Health insurance	Any private	2002	31.6	2020	39.8	-1.6	Improving	======	======	======	======	======	======
	Public only	2002	28.1	2020	35.5	-1.3	Improving	======	Any private	39.8	35.5	7.1	Same
	Uninsured	2002	22.5	2020	16.6	-0.2	No change	======			16.6	38.5	Worse
Metropolitan status	Large fringe metro	2002	35.9	2020	40.7	-1.6	Improving	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Metropolitan	2002	31.3	2020	38.2	-1.5	Improving	======	Large fringe metro	40.7	38.2	4.2	Same
	Large central metro	2002	31.8	2020	39.3	-1.3	Improving	======			39.3	2.4	Same
	Medium metro	2002	29.0	2020	33.4	-1.4	Improving	======			33.4	12.3	Worse
	Small metro	2002	21.1	2020	38.5	-2.1	Improving	======			38.5	3.7	Same
	Nonmetropolitan	2002	22.5	2020	33.6	-1.2	Improving	======			33.6	12.0	Same
	Micropolitan	2002	22.0	2020	37.4	-1.4	Improving	======			37.4	5.6	Same
	Noncore	2002	23.4	2020	26.7	-1.0	Improving	======			26.7	23.6	Worse
Age	2-5	2002	25.0	2020	35.4	-1.2	Improving	======	======	======	======	======	======
	6-17	2002	31.6	2020	38.3	-1.6	Improving	======	2-5	35.4	38.3	-4.5	Same
Gender	Male	2002	29.2	2020	38.9	-1.5	Improving	======	======	======	======	======	======
	Female	2002	30.9	2020	36.3	-1.4	Improving	======	Male	38.9	36.3	4.3	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.11. Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	46.9	2020	49.5	-1.6	Improving	======	======	======	======	======	======
Race	AI/AN	2002	28.7	2015	58.2	-4.6	Improving	======	------	------	------	------	------
	White	2002	46.8	2020	51.2	-1.7	Improving	======	======	======	======	======	======
	Asian	2002	43.6	2020	44.9	-2.0	Improving	======	White	51.2	44.9	12.9	Same
	Black	2002	49.1	2020	41.7	-0.9	No change	======			41.7	19.5	Worse
	Multiple races	2002	49.0	2020	52.9	-1.7	Improving	======			52.9	-3.5	Same
Ethnicity	Non-Hispanic, White	2002	47.2	2020	51.4	-1.6	Improving	======	======	======	======	======	======
	Hispanic, all races	2002	45.5	2020	50.8	-1.8	Improving	======	Non-Hispanic, White	51.4	50.8	1.2	Same
	Non-Hispanic, all races	2002	47.2	2020	49.0	-1.5	Improving	======			49.0	4.9	Same
	Non-Hispanic, Asian	2002	43.7	2020	44.9	-2.0	Improving	======			44.9	13.4	Same
	Non-Hispanic, Black	2002	49.3	2020	42.2	-1.0	No change	======			42.2	18.9	Worse
	Non-Hispanic, others	2002	42.7	2020	48.9	-1.9	Improving	======			48.9	5.1	Same
Income	400% of PL or more	2002	55.1	2020	53.5	-1.5	Improving	======	======	======	======	======	======
	Less than 100% of PL	2002	42.4	2020	42.9	-1.2	Improving	======	400% of PL or more	53.5	42.9	22.8	Worse
	100%-199% of PL	2002	44.1	2020	45.5	-1.7	Improving	======			45.5	17.2	Worse
	200%-399% of PL	2002	44.3	2020	50.7	-1.6	Improving	======			50.7	6.0	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Health insurance	Any private	2002	48.9	2020	51.8	-1.6	Improving	======	======	======	======	======	======
	Public only	2002	45.5	2020	47.3	-1.4	Improving	======	Any private	51.8	47.3	9.3	Same
	Uninsured	2002	34.6	2020	28.4	-0.5	No change	======			28.4	48.5	Worse
Metropolitan status	Large fringe metro	2002	51.8	2020	51.0	-1.7	Improving	======	======	======	======	======	======
	Metropolitan	2002	48.3	2020	50.5	-1.6	Improving	======	Large fringe metro	51.0	50.5	1.0	Same
	Large central metro	2002	49.8	2020	51.6	-1.4	Improving	======			51.6	-1.2	Same
	Medium metro	2002	44.4	2020	48.8	-1.6	Improving	======			48.8	4.5	Same
	Small metro	2002	40.8	2020	49.6	-2.2	Improving	======			49.6	2.9	Same
	Nonmetropolitan	2002	39.1	2020	42.3	-1.3	Improving	======			42.3	17.8	Worse
	Micropolitan	2002	38.8	2020	45.1	-1.6	Improving	======			45.1	12.0	Same
	Noncore	2002	39.6	2020	37.1	-0.7	No change	======			37.1	28.4	Worse
Age	2-5	2002	57.0	2020	55.7	-1.1	Improving	======	======	======	======	======	======
	6-17	2002	43.7	2020	47.5	-1.7	Improving	======	2-5	55.7	47.5	18.5	Worse
Gender	Male	2002	44.9	2020	50.9	-1.8	Improving	======	======	======	======	======	======
	Female	2002	49.0	2020	47.9	-1.3	Improving	======	Male	50.9	47.9	6.1	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.12. Adults with obesity

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	24.1	2020	33.5	1.7	Worsening	======	======	======	======	======	======
Race	NHPI	2010	32.5	2012	37.2	------	------	======	------	------	------	------	------
	White	2002	23.4	2020	33.6	1.9	Worsening	======	======	======	======	======	======
	AI/AN	2002	28.7	2020	49.5	2.0	Worsening	======	White	33.6	49.5	47.3	Worse
	Asian	2002	5.7	2020	8.8	2.3	Worsening	======			8.8	-73.8	Better
	Black	2002	35.3	2020	43.5	1.1	Worsening	======			43.5	29.5	Worse
	Multiple races	2002	29.4	2020	44.9	1.5	Worsening	======			44.9	33.6	Worse
Ethnicity	Non-Hispanic, White	2002	22.7	2020	33.2	2.0	Worsening	======	======	======	======	======	======
	Hispanic, all races	2002	27.2	2020	34.5	1.2	Worsening	======	Non-Hispanic, White	33.2	34.5	3.9	Same
	Non-Hispanic, all races	2002	23.7	2020	33.1	1.7	Worsening	======			33.1	-0.3	Same
	Non-Hispanic, Asian	2018	11.7	2020	8.8	------	------	======			8.8	-73.5	Better
	Non-Hispanic, Black	2002	35.3	2020	43.8	1.1	Worsening	======			43.8	31.9	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, others	2018	39.7	2020	47.6	------	------	======				47.6	43.4	Worse
Income	400% of PL or more	2002	20.9	2020	28.6	1.9	Worsening	======		======	======	======	======	======
	Less than 100% of PL	2002	28.5	2020	39.1	1.2	Worsening	======		400% of PL or more	28.6	39.1	36.7	Worse
	100%-199% of PL	2002	27.3	2020	39.4	1.7	Worsening	======				39.4	37.8	Worse
	200%-399% of PL	2002	25.2	2020	36.7	1.9	Worsening	======				36.7	28.3	Worse
Health insurance	Any private	2002	23.5	2020	32.5	1.7	Worsening	======		======	======	======	======	======
	Public only	2002	33.5	2020	43.5	0.8	No change	======		Any private	32.5	43.5	33.8	Worse
	Uninsured	2002	24.8	2020	33.1	1.8	Worsening	======				33.1	1.8	Same
Metropolitan status	Large fringe metro	2002	22.8	2020	31.1	1.8	Worsening	======		======	======	======	======	======
	Metropolitan	2002	23.4	2020	32.0	1.7	Worsening	======		Large fringe metro	31.1	32.0	2.9	Same
	Large central metro	2002	23.1	2020	27.8	1.1	Worsening	======				27.8	-10.6	Better
	Medium metro	2002	24.4	2020	37.8	2.1	Worsening	======				37.8	21.5	Worse
	Small metro	2002	24.0	2020	37.0	2.1	Worsening	======				37.0	19.0	Worse
	Nonmetropolitan	2002	27.7	2020	43.3	2.3	Worsening	======				43.3	39.2	Worse
	Micropolitan	2002	27.1	2020	43.0	2.4	Worsening	======				43.0	38.3	Worse
	Noncore	2002	28.8	2020	43.6	2.0	Worsening	======				43.6	40.2	Worse
Age	18-44	2002	22.1	2020	31.5	1.9	Worsening	======		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	45-64	2002	28.9	2020	39.0	1.5	Worsening	======		18-44	31.5	39.0	23.8	Worse
	65 and over	2002	21.7	2020	29.8	1.7	Worsening	======				29.8	-5.4	Same
Disability status	Without disability	2013	27.6	2020	31.3	2.1	Worsening	======		======	======	======	======	======
	With any disability	2013	41.4	2020	48.2	2.2	Worsening	======		Without disability	31.3	48.2	54.0	Worse
Gender	Male	2002	23.6	2020	31.5	1.6	Worsening	======		======	======	======	======	======
	Female	2002	24.4	2020	35.2	1.9	Worsening	======		Male	31.5	35.2	11.7	Worse
Education	At least some college	2002	20.7	2020	31.0	2.3	Worsening	======		======	======	======	======	======
	Less than high school graduate	2002	26.9	2020	34.8	1.1	Worsening	======		At least some college	31.0	34.8	12.3	Worse
	High school graduate	2002	27.0	2020	38.8	1.8	Worsening	======				38.8	25.2	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.13. Adults age 20 and over with obesity

Source: NHANES

Benchmark: Not available

Data year for disparities analysis: 2017 - March 2020

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001-2004	31.3	2017 - March 2020	41.9	1.8	Worsening	======	======	======	======	======	======
Race	White	2001-2004	30.4	2017 - March 2020	41.4	1.9	Worsening	======	======	======	======	======	======
	Asian	2013-2016	12.6	2017 - March 2020	16.1	------	------	======	White	41.4	16.1	-61.1	Better
	Black	2001-2004	42.2	2017 - March 2020	49.9	1.0	No change	======			49.9	20.5	Worse
Ethnicity	Non-Hispanic, White	2001-2004	30.4	2017 - March 2020	41.4	1.9	Worsening	======	======	======	======	======	======
	Hispanic, all races	2009-2012	40.8	2017 - March 2020	45.6	------	------	======	Non-Hispanic, White	41.4	45.6	10.1	Same
	Mexican American	2001-2004	34.1	2017 - March 2020	50.1	2.6	Worsening	======			50.1	21.0	Worse
	Non-Hispanic, all races	2009-2012	34.4	2017 - March 2020	41.2	------	------	======			41.2	-0.5	Same
	Non-Hispanic, Asian	2013-2016	12.6	2017 - March 2020	16.1	------	------	======			16.1	-61.1	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2001-2004	42.2	2017 - March 2020	49.9	1.0	No change	======			49.9	20.5	Worse
Income	400% of PL or more	2001-2004	27.4	2017 - March 2020	39.3	2.1	Worsening	======	======	======	======	======	======
	Less than 100% of PL	2001-2004	33.2	2017 - March 2020	44.1	1.8	Worsening	======	400% of PL or more	39.3	44.1	12.2	Same
	100%-199% of PL	2001-2004	33.2	2017 - March 2020	43.1	1.6	Worsening	======			43.1	9.7	Same
	200%-399% of PL	2001-2004	33.1	2017 - March 2020	46.1	2.1	Worsening	======			46.1	17.3	Worse
Health insurance	Private	2005-2008	32.2	2017 - March 2020	41.7	2.2	Worsening	======	======	======	======	======	======
	Insured	2005-2008	33.6	2017 - March 2020	43.0	2.1	Worsening	======	Private	41.7	43.0	3.1	Same
	Public	2005-2008	42.6	2017 - March 2020	46.6	0.9	No change	======			46.6	11.8	Same
	Uninsured	2005-2008	31.7	2017 - March 2020	37.4	1.6	No change	======			37.4	-10.3	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Age	20-44	2001-2004	29.2	2017 - March 2020	40.8	2.1	Worsening	======	======	======	======	======	======
	45-64	2001-2004	35.9	2017 - March 2020	43.7	1.2	Worsening	======	20-44	40.8	43.7	7.1	Same
	65 and over	2001-2004	29.4	2017 - March 2020	41.0	2.1	Worsening	======			41.0	0.5	Same
Gender	Male	2001-2004	29.4	2017 - March 2020	41.8	1.9	Worsening	======	======	======	======	======	======
	Female	2001-2004	33.2	2017 - March 2020	41.8	1.7	Worsening	======	Male	41.8	41.8	0.0	Same
Education	At least some college	2001-2004	30.7	2017 - March 2020	41.4	1.9	Worsening	======	======	======	======	======	======
	Less than high school graduate	2001-2004	33.3	2017 - March 2020	41.6	1.3	Worsening	======	At least some college	41.4	41.6	0.5	Same
	High school graduate	2001-2004	34.3	2017 - March 2020	46.3	1.9	Worsening	======			46.3	11.8	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.14. Adults who do not now spend half an hour or more in moderate or vigorous physical activity at least five times a week

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	43.4	2020	49.9	1.1	Worsening	======	======	======	======	======	======
Race	NHPI	2010	39.8	2018	45.1	-0.3	No change	======	------	------	------	------	------
	White	2002	42.1	2020	48.6	1.2	Worsening	======	======	======	======	======	======
	AI/AN	2002	50.4	2020	57.3	1.5	Worsening	======	White	48.6	57.3	17.9	Same
	Asian	2002	49.7	2020	52.2	0.6	No change	======			52.2	7.4	Same
	Black	2002	50.7	2020	57.0	0.7	No change	======			57.0	17.3	Worse
	Multiple races	2002	41.5	2020	49.2	1.1	Worsening	======			49.2	1.2	Same
Ethnicity	Non-Hispanic, White	2002	40.4	2020	46.0	1.2	Worsening	======	======	======	======	======	======
	Hispanic, all races	2002	52.0	2020	57.0	0.6	No change	======	Non-Hispanic, White	46.0	57.0	23.9	Worse
	Non-Hispanic, all races	2002	42.2	2020	48.2	1.1	Worsening	======			48.2	4.8	Same
	Non-Hispanic, Asian	2002	49.9	2020	52.2	0.6	No change	======			52.2	13.5	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2002	50.9	2020	56.9	0.7	No change	======				56.9	23.7	Worse
	Non-Hispanic, others	2002	42.5	2020	49.3	0.9	No change	======				49.3	7.2	Same
Income	400% of PL or more	2002	38.2	2020	45.5	1.6	Worsening	======		======	======	======	======	======
	Less than 100% of PL	2002	54.4	2020	59.4	0.5	No change	======		400% of PL or more	45.5	59.4	30.5	Worse
	100%-199% of PL	2002	47.7	2020	54.5	0.7	No change	======				54.5	19.8	Worse
	200%-399% of PL	2002	43.7	2020	51.2	1.1	Worsening	======				51.2	12.5	Worse
Health insurance	Any private	2002	39.7	2020	47.1	1.4	Worsening	======		======	======	======	======	======
	Public only	2002	56.7	2020	54.5	-0.2	No change	======		Any private	47.1	54.5	15.7	Worse
	Uninsured	2002	44.5	2020	57.6	1.2	Worsening	======				57.6	22.3	Worse
Metropolitan status	Large fringe metro	2002	43.1	2020	48.8	1.3	Worsening	======		======	======	======	======	======
	Metropolitan	2002	43.6	2020	50.3	1.1	Worsening	======		Large fringe metro	48.8	50.3	3.1	Same
	Large central metro	2002	44.4	2020	51.6	1.0	No change	======				51.6	5.7	Same
	Medium metro	2002	43.3	2020	48.5	1.2	Worsening	======				48.5	-0.6	Same
	Small metro	2002	42.0	2020	53.7	1.3	Worsening	======				53.7	10.0	Worse
	Nonmetropolitan	2002	42.0	2020	46.6	0.8	No change	======				46.6	-4.5	Same
	Micropolitan	2002	42.9	2020	45.8	0.7	No change	======				45.8	-6.1	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Noncore	2002	40.2	2020	48.0	1.0	No change	======				48.0	-1.6	Same
Age	18-44	2002	39.7	2020	48.8	1.4	Worsening	======		======	======	======	======	======
	45-64	2002	45.8	2020	50.3	1.0	Worsening	======		18-44	48.8	50.3	3.1	Same
	65 and over	2002	50.5	2020	52.4	0.5	No change	======				52.4	7.4	Same
Disability status	Without disability	2013	47.1	2020	47.5	0.5	No change	======		======	======	======	======	======
	With any disability	2013	60.8	2020	60.3	0.4	No change	======		Without disability	47.5	60.3	26.9	Worse
Gender	Male	2002	39.6	2020	45.8	1.0	Worsening	======		======	======	======	======	======
	Female	2002	46.8	2020	53.6	1.2	Worsening	======		Male	45.8	53.6	17.0	Worse
Education	At least some college	2002	38.2	2020	47.9	1.8	Worsening	======		======	======	======	======	======
	Less than high school graduate	2002	50.6	2020	55.9	0.5	No change	======		At least some college	47.9	55.9	16.7	Worse
	High school graduate	2002	45.3	2020	51.1	0.8	No change	======				51.1	6.7	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.2.15. Adults ages 18 and over with obesity who had a physician office visit for counseling or education related to diet or nutrition

Source: NAMCS

Benchmark: Not available

Data year for disparities analysis: 2018-2019

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2005-2007	36.7	2018-2019	27.6	0.9	No change	======	======	======	======	======	======
Race	White	2005-2007	36.4	2018-2019	28.0	0.8	No change	======	======	======	======	======	======
	Black	2005-2007	36.8	2018-2019	32.5	0.4	No change	======	White	28.0	32.5	-6.3	Same
Ethnicity	Hispanic, all races	2005-2007	47.9	2016 and 2018	44.8	0.4	No change	======	------	------	------	------	------
	Non-Hispanic, White	2005-2007	34.6	2018-2019	26.5	1.0	Worsening	======	======	======	======	======	======
	Non-Hispanic, all races	2005-2007	35.3	2018-2019	26.6	1.0	Worsening	======	Non-Hispanic, White	26.5	26.6	-0.1	Same
	Non-Hispanic, Black	2005-2007	37.0	2018-2019	27.7	0.7	No change	======			27.7	-1.6	Same
Metropolitan status	Non-MSA	2005-2007	26.6	2016 and 2018	20.6	0.9	No change	======	------	------	------	------	------
	MSA	2005-2007	38.4	2018-2019	28.8	1.0	No change	======	======	======	======	======	======
Age	18-44	2005-2007	41.7	2018-2019	20.9	2.0	Worsening	======	======	======	======	======	======
	45-64	2005-2007	34.9	2018-2019	29.6	0.6	No change	======	18-44	20.9	29.6	-11.0	Same
	65 and over	2005-2007	33.0	2018-2019	29.1	0.5	No change	======			29.1	-10.4	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Gender	Male	2005-2007	37.5	2018-2019	33.9	0.8	No change	======		======	======	======	======	======
	Female	2005-2007	36.3	2018-2019	24.0	1.1	Worsening	======		Male	33.9	24.0	15.0	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Measure Category: 8. Healthy Living, Subcategory: 3. Functional Status Preservation and Rehabilitation

Appendix Table 8.3.1. Home health care patients whose ability to walk or move around improved

Source: OASIS

Benchmark: 74.2 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	62.2	2021	82.5	-9.8	Improving	Reached	======	======	======	======	======
Race	White	2013	63.5	2021	83.5	-10.1	Improving	Reached	======	======	======	======	======
	AI/AN	2013	60.9	2021	79.7	-9.0	Improving	Reached	White	83.5	79.7	23.0	Worse
	Asian	2013	60.9	2021	77.6	-7.4	Improving	Reached			77.6	35.8	Worse
	NHPI	2013	62.4	2021	79.4	-7.8	Improving	Reached			79.4	24.8	Worse
	Black	2013	58.5	2021	81.3	-10.2	Improving	Reached			81.3	13.3	Worse
	Multiple races	2013	54.1	2021	74.0	-7.6	Improving	0 years			74.0	57.6	Worse
Ethnicity	Non-Hispanic, White	2013	63.5	2021	83.5	-10.1	Improving	Reached	======	======	======	======	======
	Hispanic, all races	2013	57.1	2021	75.8	-7.3	Improving	Reached	Non-Hispanic, White	83.5	75.8	46.7	Worse
	Non-Hispanic, AI/AN	2013	60.9	2021	79.7	-9.0	Improving	Reached			79.7	23.0	Worse
	Non-Hispanic, Asian	2013	60.9	2021	77.6	-7.4	Improving	Reached			77.6	35.8	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, NHPI	2013	62.4	2021	79.4	-7.8	Improving	Reached				79.4	24.8	Worse
	Non-Hispanic, Black	2013	58.5	2021	81.3	-10.2	Improving	Reached				81.3	13.3	Worse
	Non-Hispanic, multiple races	2013	54.1	2021	74.0	-7.6	Improving	0 years				74.0	57.6	Worse
Age	0-64	2013	61.8	2021	81.7	-9.4	Improving	Reached		======	======	======	======	======
	65-74	2013	69.0	2021	85.9	-10.1	Improving	Reached		0-64	81.7	85.9	-23.0	Better
	75-84	2013	63.8	2021	83.9	-10.3	Improving	Reached				83.9	-12.0	Better
	85 and over	2013	54.6	2021	77.9	-9.2	Improving	Reached				77.9	20.8	Worse
Gender	Male	2013	63.7	2021	82.5	-9.3	Improving	Reached		======	======	======	======	======
	Female	2013	61.4	2021	82.6	-10.2	Improving	Reached		Male	82.5	82.6	-0.6	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.3.2. Home health care patients whose ability to get in and out of bed improved

Source: OASIS

Benchmark: 72.6 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	57.9	2021	84.1	-12.7	Improving	Reached		======	======	======	======	======
Race	White	2013	59.3	2021	85.2	-13.2	Improving	Reached		======	======	======	======	======
	AI/AN	2013	58.8	2021	81.9	-11.2	Improving	Reached		White	85.2	81.9	22.3	Worse
	Asian	2013	54.9	2021	78.7	-9.9	Improving	Reached				78.7	43.9	Worse
	NHPI	2013	59.2	2021	81.9	-10.4	Improving	Reached				81.9	22.3	Worse
	Black	2013	54.1	2021	82.9	-12.9	Improving	Reached				82.9	15.5	Worse
	Multiple races	2013	50.6	2021	76.2	-10.0	Improving	Reached				76.2	60.8	Worse
Ethnicity	Non-Hispanic, White	2013	59.3	2021	85.2	-13.2	Improving	Reached		======	======	======	======	======
	Hispanic, all races	2013	52.4	2021	76.9	-9.5	Improving	Reached		Non-Hispanic, White	85.2	76.9	56.1	Worse
	Non-Hispanic, AI/AN	2013	58.8	2021	81.9	-11.2	Improving	Reached				81.9	22.3	Worse
	Non-Hispanic, Asian	2013	54.9	2021	78.7	-9.9	Improving	Reached				78.7	43.9	Worse
	Non-Hispanic, NHPI	2013	59.2	2021	81.9	-10.4	Improving	Reached				81.9	22.3	Worse
	Non-Hispanic, Black	2013	54.1	2021	82.9	-12.9	Improving	Reached				82.9	15.5	Worse
	Non-Hispanic, multiple races	2013	50.6	2021	76.2	-10.0	Improving	Reached				76.2	60.8	Worse
Age	0-64	2013	58.9	2021	83.7	-12.1	Improving	Reached		======	======	======	======	======
	65-74	2013	64.2	2021	86.9	-13.1	Improving	Reached		0-64	83.7	86.9	-19.6	Better
	75-84	2013	59.0	2021	85.2	-13.2	Improving	Reached				85.2	-9.2	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	85 and over	2013	50.6	2021	80.3	-12.0	Improving	Reached			80.3	20.9	Worse
Gender	Male	2013	58.8	2021	83.9	-12.3	Improving	Reached	======	======	======	======	======
	Female	2013	57.4	2021	84.2	-12.9	Improving	Reached	Male	83.9	84.2	-1.9	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.3.3. Home health care patients whose bathing improved

Source: OASIS

Benchmark: 78.2 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	68.3	2021	84.6	-9.4	Improving	Reached	======	======	======	======	======
Race	White	2013	69.1	2021	85.4	-9.7	Improving	Reached	======	======	======	======	======
	AI/AN	2013	67.1	2021	82.7	-8.8	Improving	Reached	White	85.4	82.7	18.5	Worse
	Asian	2013	65.8	2021	80.3	-7.4	Improving	Reached			80.3	34.9	Worse
	NHPI	2013	67.1	2021	81.9	-7.5	Improving	Reached			81.9	24.0	Worse
	Black	2013	65.1	2021	83.8	-10.0	Improving	Reached			83.8	11.0	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Multiple races	2013	59.8	2021	77.1	-7.7	Improving	0 years			77.1	56.8	Worse
Ethnicity	Non-Hispanic, White	2013	69.1	2021	85.4	-9.7	Improving	Reached	======	======	======	======	======
	Hispanic, all races	2013	66.4	2021	79.3	-6.6	Improving	Reached	Non-Hispanic, White	85.4	79.3	41.8	Worse
	Non-Hispanic, AI/AN	2013	67.1	2021	82.7	-8.8	Improving	Reached			82.7	18.5	Worse
	Non-Hispanic, Asian	2013	65.8	2021	80.3	-7.4	Improving	Reached			80.3	34.9	Worse
	Non-Hispanic, NHPI	2013	67.1	2021	81.9	-7.5	Improving	Reached			81.9	24.0	Worse
	Non-Hispanic, Black	2013	65.1	2021	83.8	-10.0	Improving	Reached			83.8	11.0	Worse
	Non-Hispanic, multiple races	2013	59.8	2021	77.1	-7.7	Improving	0 years			77.1	56.8	Worse
Age	0-64	2013	69.0	2021	84.8	-9.3	Improving	Reached	======	======	======	======	======
	65-74	2013	75.5	2021	88.1	-9.6	Improving	Reached	0-64	84.8	88.1	-21.7	Better
	75-84	2013	69.7	2021	85.9	-9.9	Improving	Reached			85.9	-7.2	Same
	85 and over	2013	59.5	2021	79.6	-8.9	Improving	Reached			79.6	34.2	Worse
Gender	Male	2013	68.9	2021	84.6	-9.2	Improving	Reached	======	======	======	======	======
	Female	2013	67.9	2021	84.7	-9.6	Improving	Reached	Male	84.6	84.7	-0.6	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.3.4. Home health care patients who had improvement in toileting

Source: OASIS

Benchmark: 78.9 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	69.1	2021	76.7	-3.9	Improving	2 years	======	======	======	======	======
Race	White	2013	70.7	2021	77.9	-3.8	Improving	1 years	======	======	======	======	======
	AI/AN	2013	69.2	2021	75.8	-3.4	Improving	3 years	White	77.9	75.8	9.5	Same
	Asian	2013	63.1	2021	69.4	-2.7	Improving	10 years			69.4	38.5	Worse
	NHPI	2013	66.6	2021	73.3	-2.7	Improving	7 years			73.3	20.8	Worse
	Black	2013	65.7	2021	75.1	-4.5	Improving	3 years			75.1	12.7	Worse
	Multiple races	2013	60.0	2021	66.4	-2.8	Improving	12 years			66.4	52.0	Worse
Ethnicity	Non-Hispanic, White	2013	70.7	2021	77.9	-3.8	Improving	1 years	======	======	======	======	======
	Hispanic, all races	2013	63.2	2021	69.1	-2.8	Improving	10 years	Non-Hispanic, White	77.9	69.1	39.8	Worse
	Non-Hispanic, AI/AN	2013	69.2	2021	75.8	-3.4	Improving	3 years			75.8	9.5	Same
	Non-Hispanic, Asian	2013	63.1	2021	69.4	-2.7	Improving	10 years			69.4	38.5	Worse
	Non-Hispanic, NHPI	2013	66.6	2021	73.3	-2.7	Improving	7 years			73.3	20.8	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2013	65.7	2021	75.1	-4.5	Improving	3 years			75.1	12.7	Worse
	Non-Hispanic, multiple races	2013	60.0	2021	66.4	-2.8	Improving	12 years			66.4	52.0	Worse
Age	0-64	2013	69.4	2021	78.3	-4.7	Improving	1 years	======	======	======	======	======
	65-74	2013	76.5	2021	81.5	-3.4	Improving	Reached	0-64	78.3	81.5	-14.7	Better
	75-84	2013	70.8	2021	77.8	-3.8	Improving	1 years			77.8	2.3	Same
	85 and over	2013	61.3	2021	69.8	-3.4	Improving	8 years			69.8	39.2	Worse
Gender	Male	2013	69.0	2021	76.5	-3.8	Improving	2 years	======	======	======	======	======
	Female	2013	69.2	2021	76.7	-3.9	Improving	2 years	Male	76.5	76.7	-0.9	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.3.5. Long-stay nursing home residents whose need for help with daily activities increased

Source: MDS

Benchmark: 17.1 in 2015

Data year for disparities analysis: 2021

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	22.8	2021	19.6	-1.0	No change	No progress	======	======	======	======	======
Race	White	2013	23.1	2021	19.9	-1.0	No change	No progress	======	======	======	======	======
	AI/AN	2013	22.4	2021	18.4	-1.5	No change	No progress	White	19.9	18.4	-7.5	Same
	Asian	2013	19.5	2021	15.1	-1.3	No change	No progress			15.1	-24.1	Better
	NHPI	2013	20.6	2021	16.2	-2.3	No change	No progress			16.2	-18.6	Better
	Black	2013	22.0	2021	19.3	-0.6	No change	No progress			19.3	-3.0	Same
	Multiple races	2013	22.2	2021	16.4	-1.8	No change	No progress			16.4	-17.6	Better
Ethnicity	Non-Hispanic, White	2013	23.1	2021	19.9	-1.0	No change	No progress	======	======	======	======	======
	Hispanic, all races	2013	21.7	2021	17.8	-1.6	No change	No progress	Non-Hispanic, White	19.9	17.8	-10.6	Better
	Non-Hispanic, AI/AN	2013	22.4	2021	18.4	-1.5	No change	No progress			18.4	-7.5	Same
	Non-Hispanic, Asian	2013	19.5	2021	15.1	-1.3	No change	No progress			15.1	-24.1	Better
	Non-Hispanic, NHPI	2013	20.6	2021	16.2	-2.3	No change	No progress			16.2	-18.6	Better
	Non-Hispanic, Black	2013	22.0	2021	19.3	-0.6	No change	No progress			19.3	-3.0	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, multiple races	2013	22.2	2021	16.4	-1.8	No change	No progress			16.4	-17.6	Better
Metropolitan status	Metropolitan	2013	22.4	2021	19.3	-1.0	No change	No progress	======	======	======	======	======
	Non-Metropolitan	2013	24.1	2021	20.5	-1.2	No change	No progress	Metropolitan	19.3	20.5	6.2	Same
Age	0-64	2013	18.1	2021	16.0	-1.0	No change	No progress	======	======	======	======	======
	65-74	2013	21.1	2021	18.5	-0.8	No change	No progress	0-64	16.0	18.5	15.6	Worse
	75-84	2013	23.3	2021	20.3	-0.8	No change	No progress			20.3	26.9	Worse
	85 and over	2013	24.5	2021	21.4	-0.8	No change	No progress			21.4	33.8	Worse
Gender	Male	2013	21.8	2021	18.9	-0.9	No change	No progress	======	======	======	======	======
	Female	2013	23.3	2021	19.9	-1.1	No change	No progress	Male	18.9	19.9	5.3	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.3.6. Long-stay nursing home residents whose ability to move independently worsened

Source: MDS

Benchmark: 20.7 in 2015

Data year for disparities analysis: 2021

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	24.5	2021	24.1	0.7	No change	No progress	======	======	======	======	======
Race	White	2013	25.1	2021	25.0	0.8	No change	No progress	======	======	======	======	======
	AI/AN	2013	22.5	2021	23.7	0.6	No change	No progress	White	25.0	23.7	-5.2	Same
	Asian	2013	20.1	2021	19.3	0.9	No change	No progress			19.3	-22.8	Better
	NHPI	2013	19.8	2021	21.0	1.6	No change	No progress			21.0	-16.0	Better
	Black	2013	22.8	2021	22.5	1.3	No change	No progress			22.5	-10.0	Better
	Multiple races	2013	21.8	2021	22.5	1.8	No change	No progress			22.5	-10.0	Same
Ethnicity	Non-Hispanic, White	2013	25.1	2021	25.0	0.8	No change	No progress	======	======	======	======	======
	Hispanic, all races	2013	22.3	2021	19.8	-0.4	No change	No progress	Non-Hispanic, White	25.0	19.8	-20.8	Better
	Non-Hispanic, AI/AN	2013	22.5	2021	23.7	0.6	No change	No progress			23.7	-5.2	Same
	Non-Hispanic, Asian	2013	20.1	2021	19.3	0.9	No change	No progress			19.3	-22.8	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, NHPI	2013	19.8	2021	21.0	1.6	No change	No progress			21.0	-16.0	Better
	Non-Hispanic, Black	2013	22.8	2021	22.5	1.3	No change	No progress			22.5	-10.0	Better
	Non-Hispanic, multiple races	2013	21.8	2021	22.5	1.8	No change	No progress			22.5	-10.0	Same
Metropolitan status	Metropolitan	2013	24.5	2021	24.0	0.8	No change	No progress	======	======	======	======	======
	Non-Metropolitan	2013	24.7	2021	24.8	0.7	No change	No progress	Metropolitan	24.0	24.8	3.3	Same
Age	0-64	2013	17.8	2021	17.7	1.3	No change	No progress	======	======	======	======	======
	65-74	2013	22.2	2021	21.6	0.9	No change	No progress	0-64	17.7	21.6	22.0	Worse
	75-84	2013	25.4	2021	25.7	1.0	No change	No progress			25.7	45.2	Worse
	85 and over	2013	27.0	2021	27.7	1.0	No change	No progress			27.7	56.5	Worse
Gender	Male	2013	21.9	2021	21.3	0.8	No change	No progress	======	======	======	======	======
	Female	2013	25.8	2021	25.8	0.8	No change	No progress	Male	21.3	25.8	21.1	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Measure Category: 8. Healthy Living, Subcategory: 4. Supportive and Palliative Care

Appendix Table 8.4.1. Long-stay nursing home residents with moderate to severe pain

Source: MDS

Benchmark: 4.3 in 2015

Data year for disparities analysis: 2021

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	9.2	2021	8.0	-1.9	No change	No progress	======	======	======	======	======
Race	White	2013	9.9	2021	9.4	-0.8	No change	No progress	======	======	======	======	======
	AI/AN	2013	12.9	2021	13.2	0.9	No change	No progress	White	9.4	13.2	40.4	Worse
	Asian	2013	3.0	2021	1.5	-8.5	Improving	Reached			1.5	-84.0	Better
	NHPI	2013	6.7	2021	5.9	-3.2	Improving	No progress			5.9	-37.2	Better
	Black	2013	6.8	2021	4.7	-5.0	Improving	1 years			4.7	-50.0	Better
	Multiple races	2013	5.9	2021	5.0	-2.6	No change	No progress			5.0	-46.8	Better
Ethnicity	Non-Hispanic, White	2013	9.9	2021	9.4	-0.8	No change	No progress	======	======	======	======	======
	Hispanic, all races	2013	6.1	2021	3.4	-7.9	Improving	Reached	Non-Hispanic, White	9.4	3.4	-63.8	Better
	Non-Hispanic, AI/AN	2013	12.9	2021	13.2	0.9	No change	No progress			13.2	40.4	Worse
	Non-Hispanic, Asian	2013	3.0	2021	1.5	-8.5	Improving	Reached			1.5	-84.0	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, NHPI	2013	6.7	2021	5.9	-3.2	Improving	No progress			5.9	-37.2	Better
	Non-Hispanic, Black	2013	6.8	2021	4.7	-5.0	Improving	1 years			4.7	-50.0	Better
	Non-Hispanic, multiple races	2013	5.9	2021	5.0	-2.6	No change	No progress			5.0	-46.8	Better
Metropolitan status	Metropolitan	2013	8.4	2021	7.1	-2.5	No change	No progress	======	======	======	======	======
	Non-Metropolitan	2013	11.4	2021	11.5	0.2	No change	No progress	Metropolitan	7.1	11.5	62.0	Worse
Age	0-64	2013	14.3	2021	11.4	-3.0	Improving	19 years	======	======	======	======	======
	65-74	2013	11.7	2021	9.8	-2.4	No change	No progress	0-64	11.4	9.8	-14.0	Better
	75-84	2013	8.9	2021	7.5	-2.5	No change	No progress			7.5	-34.2	Better
	85 and over	2013	6.5	2021	5.3	-2.6	No change	No progress			5.3	-53.5	Better
Gender	Male	2013	8.0	2021	6.9	-2.3	No change	No progress	======	======	======	======	======
	Female	2013	9.7	2021	8.7	-1.5	No change	No progress	Male	6.9	8.7	26.1	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.4.2. Long-stay nursing home residents with too much weight loss

Source: MDS

Benchmark: 4.7 in 2015

Data year for disparities analysis: 2021

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	5.6	2021	6.0	1.9	No change	No progress	======	======	======	======	======
Race	White	2013	5.8	2021	6.2	1.8	No change	No progress	======	======	======	======	======
	AI/AN	2013	5.8	2021	5.4	0.3	No change	No progress	White	6.2	5.4	-12.3	Better
	Asian	2013	4.6	2021	5.3	3.2	No change	No progress			5.3	-13.6	Better
	NHPI	2013	5.8	2021	5.3	-0.4	No change	No progress			5.3	-14.7	Same
	Black	2013	5.3	2021	5.7	2.0	No change	No progress			5.7	-7.8	Same
	Multiple races	2013	5.5	2021	6.5	1.9	No change	No progress			6.5	5.3	Same
Ethnicity	Non-Hispanic, White	2013	5.8	2021	6.2	1.8	No change	No progress	======	======	======	======	======
	Hispanic, all races	2013	4.7	2021	5.4	3.0	Worsening	No progress	Non-Hispanic, White	6.2	5.4	-12.8	Better
	Non-Hispanic, AI/AN	2013	5.8	2021	5.4	0.3	No change	No progress			5.4	-12.3	Better
	Non-Hispanic, Asian	2013	4.6	2021	5.3	3.2	No change	No progress			5.3	-13.6	Better
	Non-Hispanic, NHPI	2013	5.8	2021	5.3	-0.4	No change	No progress			5.3	-14.7	Same
	Non-Hispanic, Black	2013	5.3	2021	5.7	2.0	No change	No progress			5.7	-7.8	Same
	Non-Hispanic, multiple races	2013	5.5	2021	6.5	1.9	No change	No progress			6.5	5.3	Same
Metropolitan status	Metropolitan	2013	5.5	2021	6.0	1.8	No change	No progress	======	======	======	======	======
	Non-Metropolitan	2013	5.8	2021	6.3	2.1	No change	No progress	Metropolitan	6.0	6.3	5.7	Same
Age	0-64	2013	4.1	2021	4.6	1.8	Worsening	No progress	======	======	======	======	======
	65-74	2013	5.3	2021	5.5	1.4	No change	No progress	0-64	4.6	5.5	19.7	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	75-84	2013	5.8	2021	6.5	2.4	No change	No progress			6.5	40.1	Worse
	85 and over	2013	6.1	2021	6.9	2.6	No change	No progress			6.9	49.0	Worse
Gender	Male	2013	5.0	2021	5.4	1.7	No change	No progress	======	======	======	======	======
	Female	2013	5.9	2021	6.4	2.2	No change	No progress	Male	5.4	6.4	19.8	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.4.3. Low-risk, long-stay nursing home residents with loss of control of bowels or bladder

Source: MDS

Benchmark: 63.0 in 2015

Data year for disparities analysis: 2021

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	64.2	2021	69.0	0.2	No change	No progress	======	======	======	======	======
Race	AI/AN	2013	51.5	2013	51.5	------	------	------	------	------	------	------	------
	White	2013	66.5	2021	71.4	0.1	No change	No progress	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Asian	2013	51.6	2021	51.0	-0.9	No change	No progress	White	71.4	51.0	-28.6	Better
	Black	2013	60.0	2021	66.7	0.7	No change	No progress			66.7	-6.6	Same
Ethnicity	Non-Hispanic, AI/AN	2013	51.5	2013	51.5	------	------	------	------	------	------	------	------
	Non-Hispanic, White	2013	66.5	2021	71.4	0.1	No change	No progress	======	======	======	======	======
	Hispanic, all races	2013	56.0	2021	62.7	1.0	No change	No progress	Non-Hispanic, White	71.4	62.7	-12.2	Better
	Non-Hispanic, Asian	2013	51.6	2021	51.0	-0.9	No change	No progress			51.0	-28.6	Better
	Non-Hispanic, Black	2013	60.0	2021	66.7	0.7	No change	No progress			66.7	-6.6	Same
Metropolitan status	Metropolitan	2013	64.6	2021	68.4	0.1	No change	No progress	======	======	======	======	======
	Non-Metropolitan	2013	63.2	2021	70.9	0.4	No change	No progress	Metropolitan	68.4	70.9	3.7	Same
Age	0-64	2013	46.4	2021	50.4	0.7	No change	No progress	======	======	======	======	======
	65-74	2013	57.2	2021	62.6	0.3	No change	No progress	0-64	50.4	62.6	24.2	Worse
	75-84	2013	66.1	2021	71.7	0.3	No change	No progress			71.7	42.3	Worse
	85 and over	2013	69.3	2021	76.3	0.5	No change	No progress			76.3	51.4	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Gender	Male	2013	58.0	2021	61.8	0.2	No change	No progress	======	======	======	======	======
	Female	2013	67.0	2021	73.0	0.3	No change	No progress	Male	61.8	73.0	18.1	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.4.4. Long-stay nursing home residents with physical restraints

Source: MDS

Benchmark: 0.3 in 2015

Data year for disparities analysis: 2021

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	1.3	2021	0.2	-24.5	Improving	Reached	======	======	======	======	======
Race	AI/AN	2013	1.2	2019	0.4	-18.3	Improving	1 years	------	------	------	------	------
	NHPI	2013	1.7	2015	1.1	------	------	------			------	------	------
	Multiple races	2013	1.3	2017	0.4	-26.1	Improving	1 years			------	------	------
	White	2013	1.3	2021	0.2	-25.1	Improving	Reached	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Asian	2013	1.6	2021	0.2	-20.1	Improving	Reached	White	0.2	0.2	60.0	Worse
	Black	2013	1.2	2021	0.2	-22.7	Improving	Reached			0.2	13.3	Same
Ethnicity	Non-Hispanic, AI/AN	2013	1.2	2019	0.4	-18.3	Improving	1 years	------	------	------	------	------
	Non-Hispanic, NHPI	2013	1.7	2015	1.1	------	------	------			------	------	------
	Non-Hispanic, multiple races	2013	1.3	2017	0.4	-26.1	Improving	1 years			------	------	------
	Non-Hispanic, White	2013	1.3	2021	0.2	-25.1	Improving	Reached	======	======	======	======	======
	Hispanic, all races	2013	1.7	2021	0.2	-25.4	Improving	Reached	Non-Hispanic, White	0.2	0.2	6.7	Same
	Non-Hispanic, Asian	2013	1.6	2021	0.2	-20.1	Improving	Reached			0.2	60.0	Worse
	Non-Hispanic, Black	2013	1.2	2021	0.2	-22.7	Improving	Reached			0.2	13.3	Same
Metropolitan status	Metropolitan	2013	1.3	2021	0.2	-24.6	Improving	Reached	======	======	======	======	======
	Non-Metropolitan	2013	1.4	2021	0.2	-24.3	Improving	Reached	Metropolitan	0.2	0.2	6.7	Same
Age	0-64	2013	1.5	2021	0.4	-16.2	Improving	1 years	======	======	======	======	======
	65-74	2013	1.1	2021	0.1	-25.4	Improving	Reached	0-64	0.4	0.1	-68.4	Better
	75-84	2013	1.4	2021	0.1	-29.3	Improving	Reached			0.1	-73.7	Better
	85 and over	2013	1.3	2021	0.1	-29.0	Improving	Reached			0.1	-76.3	Better
Gender	Male	2013	1.3	2021	0.2	-23.1	Improving	Reached	======	======	======	======	======
	Female	2013	1.3	2021	0.1	-25.7	Improving	Reached	Male	0.2	0.1	-22.2	Better

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.4.5. Short-stay nursing home residents with moderate to severe pain

Source: MDS

Benchmark: 10.5 in 2015

Data year for disparities analysis: 2021

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	17.7	2021	15.0	-1.3	No change	No progress	======	======	======	======	======
Race	White	2013	18.1	2021	16.4	-0.4	No change	No progress	======	======	======	======	======
	AI/AN	2013	21.7	2021	21.4	0.5	No change	No progress	White	16.4	21.4	30.5	Worse
	Asian	2013	9.3	2021	4.3	-9.6	Improving	Reached			4.3	-73.8	Better
	NHPI	2013	15.8	2021	9.6	-5.7	Improving	Reached			9.6	-41.5	Better
	Black	2013	16.6	2021	11.5	-4.3	Improving	2 years			11.5	-29.9	Better
	Multiple races	2013	13.1	2021	10.9	-2.7	No change	No progress			10.9	-33.5	Better
Ethnicity	Non-Hispanic, White	2013	18.1	2021	16.4	-0.4	No change	No progress	======	======	======	======	======
	Hispanic, all races	2013	15.4	2021	8.2	-8.1	Improving	Reached	Non-Hispanic, White	16.4	8.2	-50.0	Better
	Non-Hispanic, AI/AN	2013	21.7	2021	21.4	0.5	No change	No progress			21.4	30.5	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Asian	2013	9.3	2021	4.3	-9.6	Improving	Reached			4.3	-73.8	Better
	Non-Hispanic, NHPI	2013	15.8	2021	9.6	-5.7	Improving	Reached			9.6	-41.5	Better
	Non-Hispanic, Black	2013	16.6	2021	11.5	-4.3	Improving	2 years			11.5	-29.9	Better
	Non-Hispanic, multiple races	2013	13.1	2021	10.9	-2.7	No change	No progress			10.9	-33.5	Better
Metropolitan status	Metropolitan	2013	17.4	2021	14.4	-1.6	No change	No progress	======	======	======	======	======
	Non-Metropolitan	2013	19.6	2021	19.4	0.6	No change	No progress	Metropolitan	14.4	19.4	34.7	Worse
Age	0-64	2013	31.4	2021	24.4	-2.4	No change	No progress	======	======	======	======	======
	65-74	2013	23.3	2021	19.5	-1.2	No change	No progress	0-64	24.4	19.5	-20.1	Better
	75-84	2013	15.1	2021	13.3	-0.8	No change	No progress			13.3	-45.5	Better
	85 and over	2013	9.6	2021	8.5	-1.0	No change	No progress			8.5	-65.2	Better
Gender	Male	2013	15.1	2021	11.7	-2.7	No change	No progress	======	======	======	======	======
	Female	2013	19.2	2021	17.6	-0.2	No change	No progress	Male	11.7	17.6	50.4	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.4.6. Home health care patients whose shortness of breath decreased

Source: OASIS

Benchmark: 78.4 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	65.2	2021	85.1	-11.1	Improving	Reached	======	======	======	======	======
Race	White	2013	66.7	2021	85.5	-10.8	Improving	Reached	======	======	======	======	======
	AI/AN	2013	63.8	2021	82.8	-9.9	Improving	Reached	White	85.5	82.8	18.6	Worse
	Asian	2013	65.9	2021	83.2	-9.1	Improving	Reached			83.2	15.9	Worse
	NHPI	2013	69.4	2021	84.4	-9.1	Improving	Reached			84.4	7.6	Same
	Black	2013	64.0	2021	85.5	-11.9	Improving	Reached			85.5	0.0	Same
	Multiple races	2013	61.6	2021	80.5	-9.2	Improving	Reached			80.5	34.5	Worse
Ethnicity	Non-Hispanic, White	2013	66.7	2021	85.5	-10.8	Improving	Reached	======	======	======	======	======
	Hispanic, all races	2013	53.7	2021	81.2	-11.6	Improving	Reached	Non-Hispanic, White	85.5	81.2	29.7	Worse
	Non-Hispanic, AI/AN	2013	63.8	2021	82.8	-9.9	Improving	Reached			82.8	18.6	Worse
	Non-Hispanic, Asian	2013	65.9	2021	83.2	-9.1	Improving	Reached			83.2	15.9	Worse
	Non-Hispanic, NHPI	2013	69.4	2021	84.4	-9.1	Improving	Reached			84.4	7.6	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2013	64.0	2021	85.5	-11.9	Improving	Reached				85.5	0.0	Same
	Non-Hispanic, multiple races	2013	61.6	2021	80.5	-9.2	Improving	Reached				80.5	34.5	Worse
Age	0-64	2013	63.4	2021	84.5	-11.1	Improving	Reached		======	======	======	======	======
	65-74	2013	66.9	2021	86.5	-11.7	Improving	Reached		0-64	84.5	86.5	-12.9	Better
	75-84	2013	65.9	2021	85.7	-11.3	Improving	Reached				85.7	-7.7	Same
	85 and over	2013	63.9	2021	83.2	-10.1	Improving	Reached				83.2	8.4	Same
Gender	Male	2013	65.0	2021	84.8	-10.8	Improving	Reached		======	======	======	======	======
	Female	2013	65.3	2021	85.3	-11.2	Improving	Reached		Male	84.8	85.3	-3.3	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.4.7. Home health care patients who stayed at home after an episode of home health care

Source: OASIS

Benchmark: 85.5 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	81.3	2021	83.3	-2.5	Improving	5 years	======	======	======	======	======
Race	White	2013	81.5	2021	83.5	-2.5	Improving	5 years	======	======	======	======	======
	AI/AN	2013	79.5	2021	82.7	-3.3	Improving	5 years	White	83.5	82.7	4.8	Same
	Asian	2013	86.8	2021	86.5	-0.8	No change	No progress			86.5	-18.2	Better
	NHPI	2013	85.0	2021	86.2	-1.7	Improving	Reached			86.2	-16.4	Better
	Black	2013	79.2	2021	82.1	-3.0	Improving	6 years			82.1	8.5	Same
	Multiple races	2013	72.2	2021	76.5	-3.3	Improving	11 years			76.5	42.4	Worse
Ethnicity	Non-Hispanic, White	2013	81.5	2021	83.5	-2.5	Improving	5 years	======	======	======	======	======
	Hispanic, all races	2013	82.6	2021	83.8	-2.3	Improving	No progress	Non-Hispanic, White	83.5	83.8	-1.8	Same
	Non-Hispanic, AI/AN	2013	79.5	2021	82.7	-3.3	Improving	5 years			82.7	4.8	Same
	Non-Hispanic, Asian	2013	86.8	2021	86.5	-0.8	No change	No progress			86.5	-18.2	Better
	Non-Hispanic, NHPI	2013	85.0	2021	86.2	-1.7	Improving	Reached			86.2	-16.4	Better
	Non-Hispanic, Black	2013	79.2	2021	82.1	-3.0	Improving	6 years			82.1	8.5	Same
	Non-Hispanic, multiple races	2013	72.2	2021	76.5	-3.3	Improving	11 years			76.5	42.4	Worse
Age	0-64	2013	79.6	2021	83.8	-4.2	Improving	2 years	======	======	======	======	======
	65-74	2013	83.5	2021	85.0	-2.4	Improving	1 years	0-64	83.8	85.0	-7.4	Same
	75-84	2013	82.1	2021	83.7	-2.3	Improving	5 years			83.7	0.6	Same

Measure Category: 8. Healthy Living, Subcategory: 4. Supportive and Palliative Care

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	85 and over	2013	79.6	2021	80.9	-1.7	Improving	14 years				80.9	17.9	Worse
Gender	Male	2013	79.6	2021	81.4	-2.1	Improving	10 years		======	======	======	======	======
	Female	2013	82.4	2021	84.6	-2.9	Improving	2 years		Male	81.4	84.6	-17.2	Better

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.4.8. Home health care patients who had improvement in upper body dressing

Source: OASIS

Benchmark: 79.3 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	70.8	2021	83.6	-7.4	Improving	Reached		======	======	======	======	======
Race	White	2013	72.1	2021	84.5	-7.6	Improving	Reached		======	======	======	======	======
	AI/AN	2013	69.6	2021	81.9	-6.8	Improving	Reached		White	84.5	81.9	16.8	Worse
	Asian	2013	65.9	2021	78.8	-6.2	Improving	0 years				78.8	36.8	Worse
	NHPI	2013	68.9	2021	80.4	-5.8	Improving	Reached				80.4	26.5	Worse
	Black	2013	67.2	2021	82.3	-8.1	Improving	Reached				82.3	14.2	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Multiple races	2013	62.4	2021	76.0	-6.2	Improving	2 years				76.0	54.8	Worse
Ethnicity	Non-Hispanic, White	2013	72.1	2021	84.5	-7.6	Improving	Reached		======	======	======	======	======
	Hispanic, all races	2013	67.1	2021	78.1	-5.6	Improving	1 years		Non-Hispanic, White	84.5	78.1	41.3	Worse
	Non-Hispanic, AI/AN	2013	69.6	2021	81.9	-6.8	Improving	Reached				81.9	16.8	Worse
	Non-Hispanic, Asian	2013	65.9	2021	78.8	-6.2	Improving	0 years				78.8	36.8	Worse
	Non-Hispanic, NHPI	2013	68.9	2021	80.4	-5.8	Improving	Reached				80.4	26.5	Worse
	Non-Hispanic, Black	2013	67.2	2021	82.3	-8.1	Improving	Reached				82.3	14.2	Worse
	Non-Hispanic, multiple races	2013	62.4	2021	76.0	-6.2	Improving	2 years				76.0	54.8	Worse
Age	0-64	2013	70.6	2021	84.0	-7.9	Improving	Reached		======	======	======	======	======
	65-74	2013	77.2	2021	87.1	-7.5	Improving	Reached		0-64	84.0	87.1	-19.4	Better
	75-84	2013	72.3	2021	84.8	-7.7	Improving	Reached				84.8	-5.0	Same
	85 and over	2013	63.6	2021	78.5	-6.8	Improving	0 years				78.5	34.4	Worse
Gender	Male	2013	70.4	2021	83.3	-7.4	Improving	Reached		======	======	======	======	======
	Female	2013	71.1	2021	83.8	-7.5	Improving	Reached		Male	83.3	83.8	-3.0	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.4.9. Home health care patients who had improvement in confusion frequency

Source: OASIS

Benchmark: 57.4 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	44.5	2021	55.4	-2.9	Improving	1 years	======	======	======	======	======
Race	White	2013	45.6	2021	55.9	-2.8	Improving	1 years	======	======	======	======	======
	AI/AN	2013	47.4	2021	57.5	-2.8	Improving	Reached	White	55.9	57.5	-3.6	Same
	Asian	2013	41.5	2021	47.0	-1.4	Improving	13 years			47.0	20.2	Worse
	NHPI	2013	43.6	2021	53.8	-2.6	Improving	3 years			53.8	4.8	Same
	Black	2013	45.1	2021	58.0	-3.6	Improving	Reached			58.0	-4.8	Same
	Multiple races	2013	42.1	2021	50.8	-2.3	Improving	5 years			50.8	11.6	Worse
Ethnicity	Non-Hispanic, White	2013	45.6	2021	55.9	-2.8	Improving	1 years	======	======	======	======	======
	Hispanic, all races	2013	35.4	2021	48.9	-3.3	Improving	4 years	Non-Hispanic, White	55.9	48.9	15.9	Worse
	Non-Hispanic, AI/AN	2013	47.4	2021	57.5	-2.8	Improving	Reached			57.5	-3.6	Same
	Non-Hispanic, Asian	2013	41.5	2021	47.0	-1.4	Improving	13 years			47.0	20.2	Worse
	Non-Hispanic, NHPI	2013	43.6	2021	53.8	-2.6	Improving	3 years			53.8	4.8	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2013	45.1	2021	58.0	-3.6	Improving	Reached			58.0	-4.8	Same
	Non-Hispanic, multiple races	2013	42.1	2021	50.8	-2.3	Improving	5 years			50.8	11.6	Worse
Age	0-64	2013	47.9	2021	62.5	-4.4	Improving	Reached	======	======	======	======	======
	65-74	2013	51.7	2021	63.5	-3.7	Improving	Reached	0-64	62.5	63.5	-2.7	Same
	75-84	2013	45.7	2021	56.5	-2.9	Improving	1 years			56.5	16.0	Worse
	85 and over	2013	38.4	2021	47.1	-2.1	Improving	9 years			47.1	41.1	Worse
Gender	Male	2013	45.4	2021	56.4	-3.0	Improving	1 years	======	======	======	======	======
	Female	2013	44.1	2021	54.7	-2.8	Improving	2 years	Male	56.4	54.7	3.9	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.4.10. Home health care patients whose pain when moving around decreased

Source: OASIS

Benchmark: 75.1 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	68.1	2021	84.4	-10.1	Improving	Reached		======	======	======	======	======
Race	White	2013	67.6	2021	84.6	-10.4	Improving	Reached		======	======	======	======	======
	AI/AN	2013	64.6	2021	80.1	-8.7	Improving	Reached		White	84.6	80.1	29.2	Worse
	Asian	2013	72.4	2021	84.9	-8.5	Improving	Reached				84.9	-1.9	Same
	NHPI	2013	68.4	2021	83.1	-8.5	Improving	Reached				83.1	9.7	Same
	Black	2013	67.2	2021	84.2	-10.3	Improving	Reached				84.2	2.6	Same
	Multiple races	2013	64.0	2021	79.7	-8.3	Improving	Reached				79.7	31.8	Worse
Ethnicity	Non-Hispanic, White	2013	67.6	2021	84.6	-10.4	Improving	Reached		======	======	======	======	======
	Hispanic, all races	2013	72.8	2021	82.8	-7.0	Improving	Reached		Non-Hispanic, White	84.6	82.8	11.7	Worse
	Non-Hispanic, AI/AN	2013	64.6	2021	80.1	-8.7	Improving	Reached				80.1	29.2	Worse
	Non-Hispanic, Asian	2013	72.4	2021	84.9	-8.5	Improving	Reached				84.9	-1.9	Same
	Non-Hispanic, NHPI	2013	68.4	2021	83.1	-8.5	Improving	Reached				83.1	9.7	Same
	Non-Hispanic, Black	2013	67.2	2021	84.2	-10.3	Improving	Reached				84.2	2.6	Same
	Non-Hispanic, multiple races	2013	64.0	2021	79.7	-8.3	Improving	Reached				79.7	31.8	Worse
Age	0-64	2013	62.9	2021	81.1	-9.5	Improving	Reached		======	======	======	======	======
	65-74	2013	68.9	2021	84.9	-10.3	Improving	Reached		0-64	81.1	84.9	-20.1	Better
	75-84	2013	69.4	2021	85.3	-10.3	Improving	Reached				85.3	-22.2	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	85 and over	2013	68.9	2021	84.4	-9.8	Improving	Reached				84.4	-17.5	Better
Gender	Male	2013	69.2	2021	84.8	-10.0	Improving	Reached		======	======	======	======	======
	Female	2013	67.4	2021	84.2	-10.2	Improving	Reached		Male	84.8	84.2	3.9	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Measure Category: 8. Healthy Living, Subcategory: 5. Clinical Preventive Services

Appendix Table 8.5.1. Women ages 50-74 who received a mammogram in the last 2 years

Source: NHIS

Benchmark: 84.7 in 2016

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	76.2	2021	75.6	------	------	------		======	======	======	======	======
Race	White	2019	75.9	2021	75.7	------	------	------		======	======	======	======	======
	AI/AN	2021	59.0	2021	59.0	------	------	------		White	75.7	59.0	68.7	Worse
	API	2019	72.7	2021	66.7	------	------	------				66.7	37.0	Worse
	Asian	2019	72.3	2021	66.4	------	------	------				66.4	38.3	Worse
	Black	2019	79.0	2021	81.7	------	------	------				81.7	-24.7	Better
	Multiple races	2019	74.9	2021	59.4	------	------	------				59.4	67.1	Worse
Ethnicity	Non-Hispanic, White	2019	75.9	2021	76.1	------	------	------		======	======	======	======	======
	Hispanic, all races	2019	78.2	2021	73.8	------	------	------		Non-Hispanic, White	76.1	73.8	9.6	Same
	Non-Hispanic, all races	2019	75.9	2021	75.9	------	------	------				75.9	0.8	Same
	Non-Hispanic, Asian	2019	72.4	2021	66.3	------	------	------				66.3	41.0	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2019	78.7	2021	81.5	------	------	------				81.5	-22.6	Better
	Non-Hispanic, multiple races	2019	73.7	2021	64.2	------	------	------				64.2	49.8	Same
Income	400% of PL or more	2019	82.9	2021	81.4	------	------	------		======	======	======	======	======
	Less than 100% of PL	2019	66.6	2021	63.3	------	------	------		400% of PL or more	81.4	63.3	97.3	Worse
	100%-199% of PL	2019	67.8	2021	68.8	------	------	------				68.8	67.7	Worse
	200%-399% of PL	2019	74.4	2021	73.9	------	------	------				73.9	40.3	Worse
Health insurance	Any private	2019	80.0	2021	80.1	------	------	------		======	======	======	======	======
	Public only	2019	75.9	2021	70.9	------	------	------		Any private	80.1	70.9	46.2	Worse
	Uninsured	2019	43.2	2021	42.3	------	------	------				42.3	189.9	Worse
Metropolitan status	Large fringe metro	2019	78.5	2021	77.3	------	------	------		======	======	======	======	======
	Metropolitan	2019	77.3	2021	76.3	------	------	------		Large fringe metro	77.3	76.3	4.4	Same
	Large central metro	2019	77.3	2021	75.5	------	------	------				75.5	7.9	Same
	Medium metro	2019	76.7	2021	76.6	------	------	------				76.6	3.1	Same
	Small metro	2019	76.1	2021	75.4	------	------	------				75.4	8.4	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Micropolitan (nonmetro)	2019	72.3	2021	72.2	------	------	------			72.2	22.5	Worse
	Noncore (nonmetro)	2019	67.6	2021	71.9	------	------	------			71.9	23.8	Worse
Age	50-54	2019	74.9	2021	75.3	------	------	------	======	======	======	======	======
	55-64	2019	75.8	2021	75.3	------	------	------	50-54	75.3	75.3	0.0	Same
	65-74	2019	77.7	2021	76.3	------	------	------			76.3	-4.0	Same
Disability status	Without disability	2019	77.1	2021	77.0	------	------	------	======	======	======	======	======
	With any disability	2019	69.7	2021	65.3	------	------	------	Without disability	77.0	65.3	50.9	Worse
Education	At least some college	2019	79.0	2021	78.8	------	------	------	======	======	======	======	======
	Less than high school graduate	2019	68.1	2021	63.5	------	------	------	At least some college	78.8	63.5	72.2	Worse
	High school graduate	2019	73.1	2021	72.4	------	------	------			72.4	30.2	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.2. Breast cancer diagnosed at advanced stage (regional, distant stage, or local stage with tumor greater than 2 cm) per 100,000 women age 40 and over

Source: NPCR_USCS

Benchmark: 75.6 in 2015

Data year for disparities analysis: 2019

Note: Lower estimates are better for this measure. The measure unit is rate per 100,000.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2000	95.6	2019	85.9	-0.6	No change	20 years	======	======	======	======	======
Race	White	2000	96.0	2019	83.6	-0.7	No change	13 years	======	======	======	======	======
	AI/AN	2000	57.2	2019	54.2	-0.2	No change	No progress	White	83.6	54.2	-35.2	Better
	API	2000	63.6	2019	69.2	0.5	No change	Reached, getting worse			69.2	-17.2	Better
	Black	2000	100.4	2019	101.5	0.0	No change	No progress			101.5	21.4	Worse
Ethnicity	Non-Hispanic, all races	2000	96.8	2019	87.3	-0.5	No change	More than 20 years	======	======	======	======	======
	Hispanic, all races	2000	80.4	2019	75.8	-0.4	No change	1 years	Non-Hispanic, all races	87.3	75.8	-13.2	Better
Age	40-49	2000	62.5	2019	62.1	-0.1	No change	No progress	======	======	======	======	======
	50-64	2000	106.9	2019	89.7	-1.0	No change	15 years	40-49	62.1	89.7	44.4	Worse
	65 and over	2000	122.6	2019	110.3	-0.5	No change	More than 20 years			110.3	77.6	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.3. Women ages 21-65 who received a Pap smear in the last 3 years or human papillomavirus vaccines in the last 5 years

Source: NHIS

Benchmark: 84.2 in 2016

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	76.8	2021	75.5	------	------	------	======	======	======	======	======
Race	AI/AN	2019	69.4	2019	69.4	------	------	------	------	------	------	------	------
	White	2019	78.3	2021	78.4	------	------	------	======	======	======	======	======
	API	2019	67.9	2021	63.9	------	------	------	White	78.4	63.9	67.1	Worse
	Asian	2019	67.5	2021	64.1	------	------	------			64.1	66.2	Worse
	Black	2019	77.9	2021	74.2	------	------	------			74.2	19.4	Worse
	Multiple races	2019	79.1	2021	73.2	------	------	------			73.2	24.1	Same
Ethnicity	Non-Hispanic, White	2019	79.9	2021	79.9	------	------	------	======	======	======	======	======
	Hispanic, all races	2019	70.4	2021	69.1	------	------	------	Non-Hispanic, White	79.9	69.1	53.7	Worse
	Non-Hispanic, all races	2019	78.3	2021	77.1	------	------	------			77.1	13.9	Worse
	Non-Hispanic, Asian	2019	67.8	2021	63.9	------	------	------			63.9	79.6	Worse
	Non-Hispanic, Black	2019	78.1	2021	74.4	------	------	------			74.4	27.4	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, multiple races	2019	80.2	2021	77.2	------	------	------			77.2	13.4	Same
Health insurance	Any private	2019	81.8	2021	80.0	------	------	------	======	======	======	======	======
	Public only	2019	72.2	2021	69.8	------	------	------	Any private	80.0	69.8	51.0	Worse
	Uninsured	2019	56.6	2021	56.1	------	------	------			56.1	119.5	Worse
Metropolitan status	Large fringe metro	2019	78.9	2021	78.5	------	------	------	======	======	======	======	======
	Metropolitan	2019	77.3	2021	75.9	------	------	------	Large fringe metro	78.5	75.9	12.1	Worse
	Large central metro	2019	77.5	2021	73.7	------	------	------			73.7	22.3	Worse
	Medium metro	2019	75.0	2021	77.0	------	------	------			77.0	7.0	Same
	Small metro	2019	77.4	2021	74.8	------	------	------			74.8	17.2	Same
	Micropolitan (nonmetro)	2019	76.8	2021	71.8	------	------	------			71.8	31.2	Worse
	Noncore (nonmetro)	2019	66.8	2021	73.9	------	------	------			73.9	21.4	Same
Age	21-44	2019	76.9	2021	75.2	------	------	------	======	======	======	======	======
	45-54	2019	78.3	2021	79.2	------	------	------	21-44	75.2	79.2	-16.1	Better
	55-65	2019	73.0	2021	71.3	------	------	------			71.3	15.7	Worse
Disability status	Without disability	2019	77.4	2021	76.1	------	------	------	======	======	======	======	======
	With any disability	2019	66.2	2021	63.5	------	------	------	Without disability	76.1	63.5	52.7	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Education	At least some college	2019	83.5	2021	83.0	------	------	------	======	======	======	======	======
	Less than high school graduate	2019	59.7	2021	58.1	------	------	------	At least some college	83.0	58.1	146.5	Worse
	High school graduate	2019	72.1	2021	68.7	------	------	------			68.7	84.1	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.4. Cervical cancer diagnosed at advanced stage (all invasive tumors) per 100,000 women age 20 and over

Source: NPCR_USCS

Benchmark: 7.6 in 2015

Data year for disparities analysis: 2019

Note: Lower estimates are better for this measure. The measure unit is rate per 100,000.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2000	13.4	2019	10.5	-0.9	No change	More than 20 years	======	======	======	======	======
Race	White	2000	12.7	2019	10.3	-0.7	No change	More than 20 years	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	AI/AN	2000	11.8	2019	8.2	-1.0	No change	6 years	White	10.3	8.2	-20.4	Better
	API	2000	12.8	2019	8.0	-2.3	Improving	2 years			8.0	-22.3	Better
	Black	2000	19.1	2019	11.5	-2.3	Improving	11 years			11.5	11.7	Worse
Ethnicity	Non-Hispanic, all races	2000	12.6	2019	10.0	-0.8	No change	More than 20 years	======	======	======	======	======
	Hispanic, all races	2000	22.2	2019	13.5	-2.5	Improving	14 years	Non-Hispanic, all races	10.0	13.5	35.0	Worse
Age	20-49	2000	12.0	2019	10.4	-0.5	No change	More than 20 years	======	======	======	======	======
	50-64	2000	15.8	2019	12.2	-0.9	No change	More than 20 years	20-49	10.4	12.2	17.3	Worse
	65 and over	2000	15.4	2019	8.8	-2.3	Improving	4 years			8.8	-15.4	Better

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.5. Composite measure: Adults ages 50-75 who received any type of colorectal cancer screening

Source: NHIS

Benchmark: 77.7 in 2016

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2021	71.6	2021	71.6	------	------	------	======	======	======	======	======
Race	White	2021	73.1	2021	73.1	------	------	------	======	======	======	======	======
	AI/AN	2021	64.9	2021	64.9	------	------	------	White	73.1	64.9	30.5	Same
	Asian	2021	60.8	2021	60.8	------	------	------			60.8	45.7	Worse
	Black	2021	71.6	2021	71.6	------	------	------			71.6	5.6	Same
	Multiple races	2021	62.9	2021	62.9	------	------	------			62.9	37.9	Worse
Ethnicity	Non-Hispanic, White	2021	74.2	2021	74.2	------	------	------	======	======	======	======	======
	Hispanic, all races	2021	62.9	2021	62.9	------	------	------	Non-Hispanic, White	74.2	62.9	43.8	Worse
	Non-Hispanic, all races	2021	72.9	2021	72.9	------	------	------			72.9	5.0	Same
	Non-Hispanic, AI/AN	2021	61.7	2021	61.7	------	------	------			61.7	48.4	Worse
	Non-Hispanic, Asian	2021	60.7	2021	60.7	------	------	------			60.7	52.3	Worse
	Non-Hispanic, Black	2021	71.7	2021	71.7	------	------	------			71.7	9.7	Same
	Non-Hispanic, multiple races	2021	67.6	2021	67.6	------	------	------			67.6	25.6	Same
Income	400% of PL or more	2021	78.4	2021	78.4	------	------	------	======	======	======	======	======
	Less than 100% of PL	2021	56.7	2021	56.7	------	------	------	400% of PL or more	78.4	56.7	100.5	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	100%-199% of PL	2021	63.0	2021	63.0	------	------	------			63.0	71.3	Worse
	200%-399% of PL	2021	68.3	2021	68.3	------	------	------			68.3	46.8	Worse
Health insurance	Any private	2021	71.0	2021	71.0	------	------	------	======	======	======	======	======
	Public only	2021	63.9	2021	63.9	------	------	------	Any private	71.0	63.9	24.5	Worse
	Uninsured	2021	29.8	2021	29.8	------	------	------			29.8	142.1	Worse
Metropolitan status	Large fringe metro	2021	73.5	2021	73.5	------	------	------	======	======	======	======	======
	Metropolitan	2021	72.1	2021	72.1	------	------	------	Large fringe metro	73.5	72.1	5.3	Same
	Large central metro	2021	71.5	2021	71.5	------	------	------			71.5	7.5	Same
	Medium metro	2021	71.5	2021	71.5	------	------	------			71.5	7.5	Same
	Small metro	2021	71.9	2021	71.9	------	------	------			71.9	6.0	Same
	Micropolitan (nonmetro)	2021	70.2	2021	70.2	------	------	------			70.2	12.5	Same
	Noncore (nonmetro)	2021	65.4	2021	65.4	------	------	------			65.4	30.6	Worse
Age	50-54	2021	52.3	2021	52.3	------	------	------	======	======	======	======	======
	55-64	2021	72.8	2021	72.8	------	------	------	50-54	52.3	72.8	-43.0	Better
	65-75	2021	83.0	2021	83.0	------	------	------			83.0	-64.4	Better
Disability status	Without disability	2021	71.8	2021	71.8	------	------	------	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	With any disability	2021	69.5	2021	69.5	------	------	------	Without disability	71.8	69.5	8.2	Same
Gender	Male	2021	70.6	2021	70.6	------	------	------	======	======	======	======	======
	Female	2021	72.6	2021	72.6	------	------	------	Male	70.6	72.6	-6.8	Same
Education	At least some college	2021	75.7	2021	75.7	------	------	------	======	======	======	======	======
	Less than high school graduate	2021	58.5	2021	58.5	------	------	------	At least some college	75.7	58.5	70.8	Worse
	High school graduate	2021	66.9	2021	66.9	------	------	------			66.9	36.2	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.6. Colorectal cancer diagnosed at advanced stage (tumors diagnosed at regional or distant stage) per 100,000 population age 50 and over

Source: NPCR_USCS

Benchmark: 49.2 in 2015

Data year for disparities analysis: 2019

Note: Lower estimates are better for this measure. The measure unit is rate per 100,000.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2000	101.5	2019	64.0	-2.5	Improving	7 years		======	======	======	======	======
Race	White	2000	100.5	2019	63.2	-2.5	Improving	7 years		======	======	======	======	======
	AI/AN	2000	72.9	2019	50.1	-1.7	Improving	1 years		White	63.2	50.1	-20.7	Better
	API	2000	79.1	2019	49.2	-2.7	Improving	Reached				49.2	-22.2	Better
	Black	2000	115.3	2019	72.9	-2.6	Improving	10 years				72.9	15.3	Worse
Ethnicity	Non-Hispanic, all races	2000	102.5	2019	64.8	-2.5	Improving	8 years		======	======	======	======	======
	Hispanic, all races	2000	83.5	2019	58.1	-2.1	Improving	6 years		Non-Hispanic, all races	64.8	58.1	-10.3	Better
Age	50-64	2000	49.7	2019	42.9	-0.8	No change	Reached		======	======	======	======	======
	65 and over	2000	162.9	2019	89.2	-3.3	Improving	10 years		50-64	42.9	89.2	107.9	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.7. Adults without hypertension who had their blood pressure measured in the past 2 years

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	92.3	2021	91.5	------	------	======	======	======	======	======	======
Race	White	2019	92.5	2021	91.9	------	------	======	======	======	======	======	======
	AI/AN	2019	94.1	2021	84.2	------	------	======	White	91.9	84.2	95.1	Worse
	Asian	2019	91.8	2021	89.8	------	------	======			89.8	25.9	Worse
	NHPI	2019	94.2	2021	84.6	------	------	======			84.6	90.1	Same
	Black	2019	92.7	2021	93.0	------	------	======			93.0	-13.6	Same
	Multiple races	2019	93.0	2021	90.8	------	------	======			90.8	13.6	Same
Ethnicity	Non-Hispanic, White	2019	93.2	2021	92.6	------	------	======	======	======	======	======	======
	Hispanic, all races	2019	89.4	2021	88.1	------	------	======	Non-Hispanic, White	92.6	88.1	60.8	Worse
	Non-Hispanic, all races	2019	93.1	2021	92.3	------	------	======			92.3	4.1	Same
	Non-Hispanic, AI/AN	2021	83.8	2021	83.8	------	------	======			83.8	118.9	Worse
	Non-Hispanic, Asian	2021	89.7	2021	89.7	------	------	======			89.7	39.2	Worse
	Non-Hispanic, NHPI	2021	88.3	2021	88.3	------	------	======			88.3	58.1	Same
	Non-Hispanic, Black	2019	92.8	2021	92.8	------	------	======			92.8	-2.7	Same
	Non-Hispanic, multiple races	2021	91.1	2021	91.1	------	------	======			91.1	20.3	Same
Income	400% of PL or more	2019	95.2	2021	94.2	------	------	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Less than 100% of PL	2019	85.8	2021	88.2	------	------	======	400% of PL or more	94.2	88.2	103.4	Worse
	100%-199% of PL	2019	89.2	2021	87.1	------	------	======			87.1	122.4	Worse
	200%-399% of PL	2019	92.1	2021	90.7	------	------	======			90.7	60.3	Worse
Health insurance	Any private	2019	94.1	2021	93.4	------	------	======	======	======	======	======	======
	Public only	2019	94.4	2021	94.0	------	------	======	Any private	93.4	94.0	-9.1	Same
	Uninsured	2019	75.6	2021	71.6	------	------	======			71.6	330.3	Worse
Metropolitan status	Large fringe metro	2019	93.1	2021	92.6	------	------	======	======	======	======	======	======
	Metropolitan	2019	92.5	2021	91.6	------	------	======	Large fringe metro	92.6	91.6	13.5	Same
	Large central metro	2019	92.5	2021	91.0	------	------	======			91.0	21.6	Worse
	Medium metro	2019	92.5	2021	90.9	------	------	======			90.9	23.0	Worse
	Small metro	2019	90.6	2021	92.4	------	------	======			92.4	2.7	Same
	Micropolitan (nonmetro)	2019	91.1	2021	90.1	------	------	======			90.1	33.8	Worse
	Noncore (nonmetro)	2019	91.6	2021	92.9	------	------	======			92.9	-4.1	Same
Age	18-44	2019	90.4	2021	89.6	------	------	======	======	======	======	======	======
	45-64	2019	93.0	2021	92.4	------	------	======	18-44	89.6	92.4	-26.9	Better
	65 and over	2019	96.7	2021	95.9	------	------	======			95.9	-60.6	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Disability status	Without disability	2019	92.2	2021	91.4	------	------	======	======	======	======	======	======
	With any disability	2019	94.5	2021	94.9	------	------	======	Without disability	91.4	94.9	-40.7	Better
Gender	Male	2019	88.9	2021	88.3	------	------	======	======	======	======	======	======
	Female	2019	95.5	2021	94.5	------	------	======	Male	88.3	94.5	-53.0	Better
Education	At least some college	2019	94.6	2021	93.7	------	------	======	======	======	======	======	======
	Less than high school graduate	2019	84.2	2021	83.8	------	------	======	At least some college	93.7	83.8	157.1	Worse
	High school graduate	2019	90.3	2021	88.9	------	------	======			88.9	76.2	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.8. Adults who received a blood cholesterol measurement in the last 5 years

Source: NHIS

Benchmark: 82.3 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	89.5	2021	89.9	------	------	------	======	======	======	======	======
Race	White	2019	88.9	2021	89.2	------	------	------	======	======	======	======	======
	AI/AN	2019	88.9	2021	82.8	------	------	------	White	89.2	82.8	59.3	Same
	Asian	2019	90.2	2021	92.1	------	------	------			92.1	-26.9	Better
	NHPI	2019	92.1	2021	93.6	------	------	------			93.6	-40.7	Same
	Black	2019	92.9	2021	92.9	------	------	------			92.9	-34.3	Better
	Multiple races	2019	88.2	2021	89.3	------	------	------			89.3	-0.9	Same
Ethnicity	Non-Hispanic, White	2019	88.8	2021	88.9	------	------	------	======	======	======	======	======
	Hispanic, all races	2019	89.4	2021	90.0	------	------	------	Non-Hispanic, White	88.9	90.0	-9.9	Same
	Non-Hispanic, all races	2019	89.6	2021	89.8	------	------	------			89.8	-8.1	Same
	Non-Hispanic, AI/AN	2021	81.9	2021	81.9	------	------	------			81.9	63.1	Same
	Non-Hispanic, Asian	2021	92.1	2021	92.1	------	------	------			92.1	-28.8	Better
	Non-Hispanic, NHPI	2021	94.5	2021	94.5	------	------	------			94.5	-50.5	Better
	Non-Hispanic, Black	2019	93.1	2021	92.8	------	------	------			92.8	-35.1	Better
	Non-Hispanic, multiple races	2021	90.3	2021	90.3	------	------	------			90.3	-12.6	Same
Income	400% of PL or more	2019	91.7	2021	91.6	------	------	------	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Less than 100% of PL	2019	86.1	2021	88.4	------	------	------	400% of PL or more	91.6	88.4	38.1	Worse
	100%-199% of PL	2019	86.7	2021	87.0	------	------	------			87.0	54.8	Worse
	200%-399% of PL	2019	89.5	2021	89.3	------	------	------			89.3	27.4	Worse
Health insurance	Any private	2019	91.0	2021	89.8	------	------	------	======	======	======	======	======
	Public only	2019	90.3	2021	90.8	------	------	------	Any private	89.8	90.8	-9.8	Same
	Uninsured	2019	74.5	2021	75.3	------	------	------			75.3	142.2	Worse
Metropolitan status	Large fringe metro	2019	91.0	2021	91.6	------	------	------	======	======	======	======	======
	Metropolitan	2019	90.3	2021	90.6	------	------	------	Large fringe metro	91.6	90.6	11.9	Same
	Large central metro	2019	92.1	2021	92.2	------	------	------			92.2	-7.1	Same
	Medium metro	2019	88.1	2021	88.2	------	------	------			88.2	40.5	Worse
	Small metro	2019	87.4	2021	87.9	------	------	------			87.9	44.0	Worse
	Micropolitan (nonmetro)	2019	83.5	2021	84.1	------	------	------			84.1	89.3	Worse
	Noncore (nonmetro)	2019	85.9	2021	84.9	------	------	------			84.9	79.8	Worse
Age	18-44	2019	83.5	2021	84.0	------	------	------	======	======	======	======	======
	45-64	2019	94.8	2021	95.1	------	------	------	18-44	84.0	95.1	-69.4	Better
	65 and over	2019	98.1	2021	98.3	------	------	------			98.3	-89.4	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Disability status	Without disability	2019	89.4	2021	89.8	------	------	------	======	======	======	======	======
	With any disability	2019	90.9	2021	92.1	------	------	------	Without disability	89.8	92.1	-22.5	Better
Gender	Male	2019	87.2	2021	87.6	------	------	------	======	======	======	======	======
	Female	2019	91.8	2021	92.1	------	------	------	Male	87.6	92.1	-36.3	Better
Education	At least some college	2019	93.9	2021	93.7	------	------	------	======	======	======	======	======
	Less than high school graduate	2019	86.1	2021	88.4	------	------	------	At least some college	93.7	88.4	84.1	Worse
	High school graduate	2019	89.1	2021	89.4	------	------	------			89.4	68.3	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.9. Adults age 18-64 at high risk (e.g., COPD) who received an influenza vaccination in the last flu season

Source: NHIS

Benchmark: 47.8 in 2015

Data year for disparities analysis: 2020-2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019-2020	53.0	2020-2021	53.9	------	------	------	======	======	======	======	======
Race	White	2019-2020	53.2	2020-2021	55.8	------	------	------	======	======	======	======	======
	AI/AN	2019-2020	43.3	2020-2021	55.7	------	------	------	White	55.8	55.7	0.2	Same
	Asian	2019-2020	57.0	2020-2021	62.5	------	------	------			62.5	-15.2	Same
	Black	2019-2020	51.7	2020-2021	46.4	------	------	------			46.4	21.3	Worse
Ethnicity	Non-Hispanic, White	2019-2020	54.2	2020-2021	55.8	------	------	------	======	======	======	======	======
	Hispanic, all races	2019-2020	50.9	2020-2021	55.0	------	------	------	Non-Hispanic, White	55.8	55.0	1.8	Same
	Non-Hispanic, all races	2019-2020	53.3	2020-2021	53.6	------	------	------			53.6	5.0	Same
	Non-Hispanic, AI/AN	2020-2021	48.7	2020-2021	48.7	------	------	------			48.7	16.1	Same
	Non-Hispanic, Asian	2019-2020	57.0	2020-2021	63.1	------	------	------			63.1	-16.5	Same
	Non-Hispanic, Black	2019-2020	50.2	2020-2021	46.4	------	------	------			46.4	21.3	Worse
Income	400% of PL or more	2019-2020	58.0	2020-2021	64.9	------	------	------	======	======	======	======	======
	Less than 100% of PL	2019-2020	51.2	2020-2021	48.9	------	------	------	400% of PL or more	64.9	48.9	45.6	Worse
	100%-199% of PL	2019-2020	47.0	2020-2021	46.0	------	------	------			46.0	53.8	Worse
	200%-399% of PL	2019-2020	54.1	2020-2021	50.0	------	------	------			50.0	42.5	Worse
Health insurance	Any private	2019-2020	57.0	2020-2021	57.4	------	------	------	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Insured	2019-2020	53.0	2020-2021	53.9	------	------	------	Any private	57.4	53.9	8.2	Same
	Public only	2019-2020	54.5	2020-2021	53.3	------	------	------			53.3	9.6	Same
	Uninsured	2019-2020	29.3	2020-2021	33.2	------	------	------			33.2	56.8	Worse
Metropolitan status	Metropolitan	2019-2020	53.4	2020-2021	54.1	------	------	------	======	======	======	======	======
	Nonmetropolitan	2019-2020	51.5	2020-2021	53.5	------	------	------	Metropolitan	54.1	53.5	1.3	Same
Age	18-44	2019-2020	43.7	2020-2021	43.3	------	------	------	======	======	======	======	======
	45-64	2019-2020	57.8	2020-2021	58.9	------	------	------	18-44	43.3	58.9	-27.5	Better
Disability status	Without disability	2019-2020	53.4	2020-2021	53.4	------	------	------	======	======	======	======	======
	With any disability	2019-2020	51.3	2020-2021	56.5	------	------	------	Without disability	53.4	56.5	-6.7	Same
Gender	Male	2019-2020	51.6	2020-2021	51.5	------	------	------	======	======	======	======	======
	Female	2019-2020	54.5	2020-2021	56.4	------	------	------	Male	51.5	56.4	-10.1	Same
Education	At least some college	2019-2020	56.8	2020-2021	59.9	------	------	------	======	======	======	======	======
	Less than high school graduate	2019-2020	57.1	2020-2021	49.8	------	------	------	At least some college	59.9	49.8	25.2	Worse
	High school graduate	2019-2020	46.6	2020-2021	48.1	------	------	------			48.1	29.4	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.10. Adults ages 18 and over who received influenza vaccination in the last flu season

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2020-2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019-2020	49.9	2020-2021	50.2	------	------	======	======	======	======	======	======
Race	White	2019-2020	52.0	2020-2021	52.8	------	------	======	======	======	======	======	======
	AI/AN	2019-2020	38.2	2020-2021	51.4	------	------	======	White	52.8	51.4	3.0	Same
	Asian	2019-2020	55.6	2020-2021	58.3	------	------	======			58.3	-11.7	Better
	Black	2019-2020	40.3	2020-2021	39.3	------	------	======			39.3	28.6	Worse
	Multiple races	2019-2020	44.8	2020-2021	40.6	------	------	======			40.6	25.8	Worse
Ethnicity	Non-Hispanic, White	2019-2020	53.1	2020-2021	54.9	------	------	======	======	======	======	======	======
	Hispanic, all races	2019-2020	43.0	2020-2021	39.0	------	------	======	Non-Hispanic, White	54.9	39.0	35.3	Worse
	Non-Hispanic, all races	2019-2020	51.3	2020-2021	52.5	------	------	======			52.5	5.3	Same
	Non-Hispanic, AI/AN	2019-2020	46.7	2020-2021	47.8	------	------	======			47.8	15.7	Same
	Non-Hispanic, Asian	2019-2020	55.8	2020-2021	58.5	------	------	======			58.5	-8.0	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2019-2020	40.2	2020-2021	38.7	------	------	======			38.7	35.9	Worse
	Non-Hispanic, multiple races	2019-2020	48.2	2020-2021	39.7	------	------	======			39.7	33.7	Worse
Income	400% of PL or more	2019-2020	55.6	2020-2021	57.6	------	------	======	======	======	======	======	======
	Less than 100% of PL	2019-2020	43.5	2020-2021	40.9	------	------	======	400% of PL or more	57.6	40.9	39.4	Worse
	100%-199% of PL	2019-2020	44.6	2020-2021	42.0	------	------	======			42.0	36.8	Worse
	200%-399% of PL	2019-2020	47.6	2020-2021	47.8	------	------	======			47.8	23.1	Worse
Health insurance	Any private	2019-2020	48.1	2020-2021	47.6	------	------	======	======	======	======	======	======
	Insured	2019-2020	43.3	2020-2021	42.4	------	------	======	Any private	47.6	42.4	9.9	Same
	Public only	2019-2020	42.6	2020-2021	40.7	------	------	======			40.7	13.2	Worse
	Uninsured	2019-2020	20.1	2020-2021	18.5	------	------	======			18.5	55.5	Worse
Metropolitan status	Metropolitan	2019-2020	50.0	2020-2021	50.2	------	------	======	======	======	======	======	======
	Nonmetropolitan	2019-2020	49.7	2020-2021	50.0	------	------	======	Metropolitan	50.2	50.0	0.4	Same
Age	18-44	2019-2020	39.7	2020-2021	36.9	------	------	======	======	======	======	======	======
	45-64	2019-2020	48.2	2020-2021	50.0	------	------	======	18-44	36.9	50.0	-20.8	Better
	65 and over	2019-2020	73.9	2020-2021	77.1	------	------	======			77.1	-63.7	Better
Disability status	Without disability	2019-2020	49.0	2020-2021	49.2	------	------	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	With any disability	2019-2020	59.0	2020-2021	60.4	------	------	======	Without disability	49.2	60.4	-22.0	Better
Gender	Male	2019-2020	45.5	2020-2021	45.4	------	------	======	======	======	======	======	======
	Female	2019-2020	54.0	2020-2021	54.7	------	------	======	Male	45.4	54.7	-17.0	Better
Education	At least some college	2019-2020	54.8	2020-2021	56.0	------	------	======	======	======	======	======	======
	Less than high school graduate	2019-2020	49.3	2020-2021	47.9	------	------	======	At least some college	56.0	47.9	18.4	Worse
	High school graduate	2019-2020	46.6	2020-2021	44.3	------	------	======			44.3	26.6	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.11. Adults age 65 and over who received an influenza vaccination in the last flu season

Source: NHIS

Benchmark: 70.3 in 2015

Data year for disparities analysis: 2020-2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019-2020	73.9	2020-2021	77.1	------	------	------	======	======	======	======	======
Race	White	2019-2020	75.8	2020-2021	78.8	------	------	------	======	======	======	======	======
	AI/AN	2019-2020	47.8	2020-2021	72.4	------	------	------	White	78.8	72.4	30.2	Same
	Asian	2019-2020	74.3	2020-2021	80.0	------	------	------			80.0	-5.7	Same
	Black	2019-2020	61.5	2020-2021	67.4	------	------	------			67.4	53.8	Worse
	Multiple races	2020-2021	68.0	2020-2021	68.0	------	------	------			68.0	50.9	Same
Ethnicity	Non-Hispanic, White	2019-2020	76.4	2020-2021	79.3	------	------	------	======	======	======	======	======
	Hispanic, all races	2019-2020	67.9	2020-2021	67.8	------	------	------	Non-Hispanic, White	79.3	67.8	55.6	Worse
	Non-Hispanic, all races	2019-2020	74.5	2020-2021	78.0	------	------	------			78.0	6.3	Same
	Non-Hispanic, AI/AN	2019-2020	49.8	2020-2021	76.6	------	------	------			76.6	13.0	Same
	Non-Hispanic, Asian	2019-2020	75.5	2020-2021	80.2	------	------	------			80.2	-4.3	Same
	Non-Hispanic, Black	2019-2020	61.5	2020-2021	66.9	------	------	------			66.9	59.9	Worse
	Non-Hispanic, multiple races	2020-2021	63.0	2020-2021	63.0	------	------	------			63.0	78.7	Same
Income	400% of PL or more	2019-2020	79.1	2020-2021	82.5	------	------	------	======	======	======	======	======
	Less than 100% of PL	2019-2020	61.5	2020-2021	69.7	------	------	------	400% of PL or more	82.5	69.7	73.1	Worse
	100%-199% of PL	2019-2020	71.0	2020-2021	70.4	------	------	------			70.4	69.1	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	200%-399% of PL	2019-2020	72.8	2020-2021	76.2	------	------	------			76.2	36.0	Worse
Metropolitan status	Metropolitan	2019-2020	74.6	2020-2021	77.2	------	------	------	======	======	======	======	======
	Nonmetropolitan	2019-2020	71.2	2020-2021	76.5	------	------	------	Metropolitan	77.2	76.5	3.1	Same
Age	65-74	2019-2020	69.3	2020-2021	74.6	------	------	------	======	======	======	======	======
	75-84	2019-2020	79.7	2020-2021	79.7	------	------	------	65-74	74.6	79.7	-20.1	Better
	85 and over	2019-2020	83.5	2020-2021	83.8	------	------	------			83.8	-36.2	Better
Disability status	Without disability	2019-2020	73.4	2020-2021	77.1	------	------	------	======	======	======	======	======
	With any disability	2019-2020	76.3	2020-2021	76.7	------	------	------	Without disability	77.1	76.7	1.7	Same
Gender	Male	2019-2020	73.1	2020-2021	77.6	------	------	------	======	======	======	======	======
	Female	2019-2020	74.5	2020-2021	76.6	------	------	------	Male	77.6	76.6	4.5	Same
Education	At least some college	2019-2020	75.0	2020-2021	79.0	------	------	------	======	======	======	======	======
	Less than high school graduate	2019-2020	70.1	2020-2021	78.2	------	------	------	At least some college	79.0	78.2	3.8	Same
	High school graduate	2019-2020	74.0	2020-2021	72.8	------	------	------			72.8	29.5	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.12. Hospital admissions for immunization-preventable influenza per 100,000 population, age 65 and over

Source: HCUP

Benchmark: 52.9 in 2016

Data year for disparities analysis: 2020

Note: Lower estimates are better for this measure. The measure unit is rate per 100,000.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	103.8	2020	174.7	8.3	No change	No progress	======	======	======	======	======
Race	White	2016	93.0	2020	158.3	8.4	No change	No progress	======	======	======	======	======
	API	2016	122.8	2020	151.5	-0.3	No change	No progress	White	158.3	151.5	-4.3	Same
	Black	2016	124.0	2020	242.7	13.6	No change	No progress			242.7	53.3	Worse
Ethnicity	Non-Hispanic, White	2016	93.0	2020	158.3	8.4	No change	No progress	======	======	======	======	======
	Hispanic, all races	2016	155.8	2020	222.5	4.6	No change	No progress	Non-Hispanic, White	158.3	222.5	40.6	Worse
	Non-Hispanic, API	2016	122.8	2020	151.5	-0.3	No change	No progress			151.5	-4.3	Same
	Non-Hispanic, Black	2016	124.0	2020	242.7	13.6	No change	No progress			242.7	53.3	Worse
Income	Fourth quartile (highest income)	2016	99.7	2020	150.7	4.8	No change	No progress	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	First quartile (lowest income)	2016	115.4	2020	206.0	10.7	No change	No progress	Fourth quartile (highest income)	150.7	206.0	36.7	Worse
	Second quartile	2016	99.7	2020	176.6	9.7	No change	No progress			176.6	17.2	Worse
	Third quartile	2016	101.1	2020	165.9	7.4	No change	No progress			165.9	10.1	Worse
Metropolitan status	Large fringe metro	2016	101.7	2020	176.1	8.8	No change	No progress	======	======	======	======	======
	Large central metro	2016	128.9	2020	189.3	5.0	No change	No progress	Large fringe metro	176.1	189.3	7.5	Same
	Medium metro	2016	98.2	2020	164.9	8.6	No change	No progress			164.9	-6.4	Same
	Small metro	2016	94.9	2020	161.3	8.0	No change	No progress			161.3	-8.4	Same
	Micropolitan	2016	79.8	2020	168.4	14.1	No change	No progress			168.4	-4.4	Same
	Noncore	2016	81.3	2020	171.7	13.6	No change	No progress			171.7	-2.5	Same
Age	65-69	2016	67.4	2020	114.0	11.2	No change	No progress	======	======	======	======	======
	65 and over	2016	101.2	2020	168.8	8.1	No change	No progress	65-69	114.0	168.8	48.1	Worse
	80-84	2016	140.5	2020	232.5	7.6	No change	No progress			232.5	103.9	Worse
	70-74	2016	82.0	2020	147.3	11.6	No change	No progress			147.3	29.2	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	75-79	2016	106.4	2020	187.0	10.3	No change	No progress			187.0	64.0	Worse
	85 and over	2016	187.6	2020	285.4	3.1	No change	No progress			285.4	150.4	Worse
Gender	Male	2016	111.9	2020	183.0	7.3	No change	No progress	======	======	======	======	======
	Female	2016	99.1	2020	169.3	8.9	No change	No progress	Male	183.0	169.3	-7.5	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.13. Adults ages 18-64 at high risk (e.g., COPD) who ever received pneumococcal vaccination

Source: NHIS

Benchmark: 44.8 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	22.5	2021	22.1	------	------	------	======	======	======	======	======
Race	White	2019	23.4	2021	22.9	------	------	------	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	AI/AN	2019	22.7	2021	24.8	------	------	------	White	22.9	24.8	-2.5	Same
	Asian	2019	24.9	2021	16.6	------	------	------			16.6	8.2	Same
	Black	2019	21.0	2021	22.4	------	------	------			22.4	0.6	Same
	Multiple races	2019	13.9	2021	16.7	------	------	------			16.7	8.0	Same
Ethnicity	Non-Hispanic, White	2019	23.8	2021	23.1	------	------	------	======	======	======	======	======
	Hispanic, all races	2019	18.4	2021	19.0	------	------	------	Non-Hispanic, White	23.1	19.0	5.3	Same
	Non-Hispanic, all races	2019	23.2	2021	22.7	------	------	------			22.7	0.5	Same
	Non-Hispanic, AI/AN	2020	23.1	2021	23.3	------	------	------			23.3	-0.3	Same
	Non-Hispanic, Asian	2019	25.0	2021	16.9	------	------	------			16.9	8.1	Same
	Non-Hispanic, Black	2019	21.0	2021	22.5	------	------	------			22.5	0.8	Same
	Non-Hispanic, multiple races	2019	16.4	2021	19.8	------	------	------			19.8	4.3	Same
Income	400% of PL or more	2019	22.1	2021	22.6	------	------	------	======	======	======	======	======
	Less than 100% of PL	2019	23.6	2021	22.4	------	------	------	400% of PL or more	22.6	22.4	0.3	Same
	100%-199% of PL	2019	23.3	2021	21.8	------	------	------			21.8	1.0	Same
	200%-399% of PL	2019	21.8	2021	21.7	------	------	------			21.7	1.2	Same
Health insurance	Any private	2019	22.8	2021	22.9	------	------	------	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Insured	2019	22.6	2021	22.1	------	------	------	Any private	22.9	22.1	1.0	Same
	Public only	2019	28.5	2021	27.3	------	------	------			27.3	-5.7	Same
	Uninsured	2019	11.9	2021	8.2	------	------	------			8.2	19.1	Worse
Metropolitan status	Metropolitan	2019	22.3	2021	22.0	------	------	------	======	======	======	======	======
	Nonmetropolitan	2019	23.6	2021	22.5	------	------	------	Metropolitan	22.0	22.5	-0.6	Same
Age	18-44	2019	14.3	2021	11.4	------	------	------	======	======	======	======	======
	45-64	2019	29.2	2021	29.6	------	------	------	18-44	11.4	29.6	-20.5	Better
Disability status	Without disability	2019	20.1	2021	19.5	------	------	------	======	======	======	======	======
	With any disability	2019	37.7	2021	39.4	------	------	------	Without disability	19.5	39.4	-24.7	Better
Gender	Male	2019	20.4	2021	19.3	------	------	------	======	======	======	======	======
	Female	2019	24.8	2021	25.1	------	------	------	Male	19.3	25.1	-7.2	Same
Education	At least some college	2019	26.4	2021	24.9	------	------	------	======	======	======	======	======
	Less than high school graduate	2019	17.9	2021	19.5	------	------	------	At least some college	24.9	19.5	7.2	Same
	High school graduate	2019	20.5	2021	21.1	------	------	------			21.1	5.1	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.14. Adults age 65 and over who ever received pneumococcal vaccination

Source: NHIS

Benchmark: 78.7 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	67.0	2021	65.8	------	------	------	======	======	======	======	======
Race	White	2019	69.6	2021	68.6	------	------	------	======	======	======	======	======
	AI/AN	2019	64.1	2021	50.3	------	------	------	White	68.6	50.3	58.3	Worse
	Asian	2019	48.9	2021	55.5	------	------	------			55.5	41.7	Worse
	Black	2019	57.5	2021	54.4	------	------	------			54.4	45.2	Worse
	Multiple races	2019	51.4	2021	58.1	------	------	------			58.1	33.4	Same
Ethnicity	Non-Hispanic, White	2019	71.1	2021	70.1	------	------	------	======	======	======	======	======
	Hispanic, all races	2019	51.4	2021	46.2	------	------	------	Non-Hispanic, White	70.1	46.2	79.9	Worse
	Non-Hispanic, all races	2019	68.5	2021	67.8	------	------	------			67.8	7.7	Same
	Non-Hispanic, AI/AN	2019	63.0	2021	51.5	------	------	------			51.5	62.2	Worse
	Non-Hispanic, Asian	2019	49.0	2021	55.8	------	------	------			55.8	47.8	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2019	57.7	2021	54.8	------	------	------				54.8	51.2	Worse
	Non-Hispanic, multiple races	2019	52.1	2021	68.8	------	------	------				68.8	4.3	Same
Income	400% of PL or more	2019	71.9	2021	70.8	------	------	------		======	======	======	======	======
	Less than 100% of PL	2019	54.1	2021	53.6	------	------	------		400% of PL or more	70.8	53.6	58.9	Worse
	100%-199% of PL	2019	59.5	2021	60.1	------	------	------				60.1	36.6	Worse
	200%-399% of PL	2019	70.0	2021	66.0	------	------	------				66.0	16.4	Worse
Metropolitan status	Metropolitan	2019	67.2	2021	65.7	------	------	------		======	======	======	======	======
	Nonmetropolitan	2019	66.3	2021	66.5	------	------	------		Metropolitan	65.7	66.5	-2.3	Same
Age	65-74	2019	62.6	2021	62.7	------	------	------		======	======	======	======	======
	75-84	2019	74.0	2021	71.5	------	------	------		65-74	62.7	71.5	-23.6	Better
	85 and over	2019	72.1	2021	67.5	------	------	------				67.5	-12.9	Better
Disability status	Without disability	2019	65.9	2021	65.3	------	------	------		======	======	======	======	======
	With any disability	2019	72.0	2021	68.1	------	------	------		Without disability	65.3	68.1	-8.1	Same
Gender	Male	2019	63.7	2021	61.8	------	------	------		======	======	======	======	======
	Female	2019	69.7	2021	69.1	------	------	------		Male	61.8	69.1	-19.1	Better
Education	At least some college	2019	70.2	2021	69.6	------	------	------		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Less than high school graduate	2019	57.1	2021	52.4	------	------	------	At least some college	69.6	52.4	56.6	Worse
	High school graduate	2019	66.8	2021	64.1	------	------	------			64.1	18.1	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.15. Adults with a dental visit in the calendar year

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	43.2	2020	38.7	0.1	No change	======	======	======	======	======	======
Race	NHPI	2010	30.8	2012	24.7	------	------	======	------	------	------	------	------
	White	2002	46.2	2020	41.7	0.1	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	AI/AN	2002	25.4	2020	23.4	-0.2	No change	======	White	41.7	23.4	31.4	Worse
	Asian	2002	38.8	2020	32.8	0.2	No change	======			32.8	15.3	Worse
	Black	2002	25.5	2020	26.1	-0.1	No change	======			26.1	26.8	Worse
	Multiple races	2002	33.6	2020	29.9	0.1	No change	======			29.9	20.2	Worse
Ethnicity	Non-Hispanic, White	2002	49.8	2020	46.4	0.0	No change	======	======	======	======	======	======
	Hispanic, all races	2002	24.6	2020	23.3	-0.3	No change	======	Non-Hispanic, White	46.4	23.3	43.1	Worse
	Non-Hispanic, all races	2002	45.8	2020	41.8	0.1	No change	======			41.8	8.6	Same
	Non-Hispanic, Asian	2002	38.9	2020	32.8	0.1	No change	======			32.8	25.4	Worse
	Non-Hispanic, Black	2002	25.4	2020	26.0	-0.1	No change	======			26.0	38.1	Worse
	Non-Hispanic, others	2002	33.4	2020	29.0	0.3	No change	======			29.0	32.5	Worse
Income	400% of PL or more	2002	57.2	2020	50.4	0.4	No change	======	======	======	======	======	======
	Less than 100% of PL	2002	24.2	2020	21.6	0.0	No change	======	400% of PL or more	50.4	21.6	58.1	Worse
	100%-199% of PL	2002	28.2	2020	24.9	0.1	No change	======			24.9	51.4	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	200%-399% of PL	2002	39.4	2020	32.9	0.3	No change	======				32.9	35.3	Worse
Health insurance	Any private	2002	50.5	2020	42.6	0.6	No change	======		======	======	======	======	======
	Public only	2002	26.0	2020	21.9	0.2	No change	======		Any private	42.6	21.9	36.1	Worse
	Uninsured	2002	18.4	2020	12.2	0.2	No change	======				12.2	53.0	Worse
Metropolitan status	Large fringe metro	2002	47.7	2020	42.5	0.3	No change	======		======	======	======	======	======
	Metropolitan	2002	44.1	2020	38.9	0.2	No change	======		Large fringe metro	42.5	38.9	6.3	Same
	Large central metro	2002	40.4	2020	35.1	0.1	No change	======				35.1	12.9	Worse
	Medium metro	2002	46.2	2020	39.8	0.3	No change	======				39.8	4.7	Same
	Small metro	2002	42.1	2020	40.4	0.0	No change	======				40.4	3.7	Same
	Nonmetropolitan	2002	38.7	2020	37.2	0.0	No change	======				37.2	9.2	Same
	Micropolitan	2002	41.3	2020	38.9	0.0	No change	======				38.9	6.3	Same
	Noncore	2002	34.1	2020	34.5	-0.1	No change	======				34.5	13.9	Worse
Age	18-44	2002	39.7	2020	33.2	0.3	No change	======		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	45-64	2002	49.4	2020	40.6	0.6	No change	======	18-44	33.2	40.6	-11.1	Better
	65 and over	2002	42.3	2020	46.9	-0.8	No change	======			46.9	-20.5	Better
Disability status	Without disability	2013	41.0	2020	39.4	-0.4	No change	======	======	======	======	======	======
	With any disability	2013	38.9	2020	37.0	-0.1	No change	======	Without disability	39.4	37.0	4.0	Same
Gender	Male	2002	38.4	2020	35.0	0.1	No change	======	======	======	======	======	======
	Female	2002	47.7	2020	42.2	0.2	No change	======	Male	35.0	42.2	-11.1	Better
Education	At least some college	2002	54.5	2020	46.7	0.6	No change	======	======	======	======	======	======
	Less than high school graduate	2002	25.1	2020	22.6	0.0	No change	======	At least some college	46.7	22.6	45.2	Worse
	High school graduate	2002	40.0	2020	29.2	0.7	No change	======			29.2	32.8	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.16. Adults who received a preventive dental service in the calendar year

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	33.6	2020	30.9	0.0	No change	======	======	======	======	======	======
Race	NHPI	2011	19.7	2011	19.7	------	------	======	------	------	------	------	------
	White	2002	36.5	2020	33.8	0.0	No change	======	======	======	======	======	======
	AI/AN	2002	15.0	2020	13.2	-0.1	No change	======	White	33.8	13.2	31.1	Worse
	Asian	2002	29.5	2020	26.8	0.0	No change	======			26.8	10.6	Worse
	Black	2002	15.9	2020	17.8	-0.2	No change	======			17.8	24.2	Worse
	Multiple races	2002	26.2	2020	20.6	-0.1	No change	======			20.6	19.9	Worse
Ethnicity	Non-Hispanic, White	2002	39.9	2020	38.0	-0.1	No change	======	======	======	======	======	======
	Hispanic, all races	2002	16.2	2020	17.4	-0.3	No change	======	Non-Hispanic, White	38.0	17.4	33.2	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, all races	2002	36.0	2020	33.6	0.0	No change	======			33.6	7.1	Same
	Non-Hispanic, Asian	2002	29.6	2020	26.8	0.0	No change	======			26.8	18.1	Worse
	Non-Hispanic, Black	2002	15.8	2020	17.7	-0.2	No change	======			17.7	32.7	Worse
	Non-Hispanic, others	2002	24.9	2020	19.6	0.1	No change	======			19.6	29.7	Worse
Income	400% of PL or more	2002	47.9	2020	42.5	0.2	No change	======	======	======	======	======	======
	Less than 100% of PL	2002	14.8	2020	13.7	-0.1	No change	======	400% of PL or more	42.5	13.7	50.1	Worse
	100%-199% of PL	2002	18.6	2020	17.3	-0.1	No change	======			17.3	43.8	Worse
	200%-399% of PL	2002	29.2	2020	25.1	0.1	No change	======			25.1	30.3	Worse
Health insurance	Any private	2002	40.9	2020	35.2	0.3	No change	======	======	======	======	======	======
	Public only	2002	14.5	2020	12.8	-0.1	No change	======	Any private	35.2	12.8	34.6	Worse
	Uninsured	2002	10.2	2020	8.0	0.1	No change	======			8.0	42.0	Worse
Metropolitan status	Large fringe metro	2002	38.4	2020	34.3	0.2	No change	======	======	======	======	======	======
	Metropolitan	2002	34.6	2020	31.1	0.0	No change	======	Large fringe metro	34.3	31.1	4.9	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Large central metro	2002	30.5	2020	27.4	-0.1	No change	======			27.4	10.5	Worse
	Medium metro	2002	36.3	2020	32.2	0.1	No change	======			32.2	3.2	Same
	Small metro	2002	34.8	2020	32.9	0.0	No change	======			32.9	2.1	Same
	Nonmetropolitan	2002	28.2	2020	29.2	-0.1	No change	======			29.2	7.8	Same
	Micropolitan	2002	30.7	2020	30.8	-0.1	No change	======			30.8	5.3	Same
	Noncore	2002	23.7	2020	26.5	-0.2	No change	======			26.5	11.9	Worse
Age	18-44	2002	30.5	2020	26.1	0.2	No change	======	======	======	======	======	======
	45-64	2002	39.4	2020	32.9	0.3	No change	======	18-44	26.1	32.9	-9.2	Same
	65 and over	2002	32.2	2020	37.5	-0.8	No change	======			37.5	-15.4	Better
Disability status	Without disability	2013	33.3	2020	32.0	-0.3	No change	======	======	======	======	======	======
	With any disability	2013	28.2	2020	27.0	-0.2	No change	======	Without disability	32.0	27.0	7.4	Same
Gender	Male	2002	29.5	2020	28.2	-0.1	No change	======	======	======	======	======	======
	Female	2002	37.4	2020	33.4	0.0	No change	======	Male	28.2	33.4	-7.2	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Education	At least some college	2002	45.2	2020	38.8	0.3	No change	======	======	======	======	======	======
	Less than high school graduate	2002	15.7	2020	15.3	-0.1	No change	======	At least some college	38.8	15.3	38.4	Worse
	High school graduate	2002	29.7	2020	21.2	0.5	No change	======			21.2	28.8	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.17. Dentate adults age 20 and over with untreated dental caries in permanent teeth

Source: NHANES

Benchmark: Not available

Data year for disparities analysis: 2017 - March 2020

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001-2004	24.2	2017 - March 2020	22.9	0.3	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Race	White	2001-2004	19.9	2017 - March 2020	20.1	0.7	No change	======	======	======	======	======	======
	Asian	2009-2012	18.7	2017 - March 2020	16.0	------	------	======	White	20.1	16.0	-20.4	Same
	Black	2001-2004	40.3	2017 - March 2020	38.3	0.1	No change	======			38.3	90.5	Worse
Ethnicity	Non-Hispanic, White	2001-2004	19.9	2017 - March 2020	20.1	0.7	No change	======	======	======	======	======	======
	Hispanic, all races	2009-2012	39.8	2017 - March 2020	24.8	------	------	======	Non-Hispanic, White	20.1	24.8	23.4	Same
	Mexican American	2001-2004	38.9	2017 - March 2020	25.0	-1.9	No change	======			25.0	24.4	Same
	Non-Hispanic, all races	2001-2004	22.7	2017 - March 2020	22.7	0.5	No change	======			22.7	12.9	Same
	Non-Hispanic, Asian	2009-2012	18.7	2017 - March 2020	16.0	------	------	======			16.0	-20.4	Same
	Non-Hispanic, Black	2001-2004	40.3	2017 - March 2020	38.3	0.1	No change	======			38.3	90.5	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	400% of PL or more	2001-2004	12.6	2017 - March 2020	9.9	-0.8	No change	======	======	======	======	======	======
	Less than 100% of PL	2001-2004	43.2	2017 - March 2020	43.7	0.4	No change	======	400% of PL or more	9.9	43.7	341.4	Worse
	100%-199% of PL	2001-2004	36.3	2017 - March 2020	34.1	0.1	No change	======			34.1	244.4	Worse
	200%-399% of PL	2001-2004	23.8	2017 - March 2020	23.2	0.4	No change	======			23.2	134.3	Worse
Health insurance	Private	2017 - March 2020	15.1	2017 - March 2020	15.1	------	------	======	======	======	======	======	======
	Insured	2017 - March 2020	20.2	2017 - March 2020	20.2	------	------	======	Private	15.1	20.2	33.8	Worse
	Public	2017 - March 2020	34.6	2017 - March 2020	34.6	------	------	======			34.6	129.1	Worse
	Uninsured	2017 - March 2020	42.9	2017 - March 2020	42.9	------	------	======			42.9	184.1	Worse
Age	20-44	2001-2004	27.9	2017 - March 2020	24.1	-0.2	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	45-64	2001-2004	22.0	2017 - March 2020	23.5	0.9	No change	======	20-44	24.1	23.5	-2.5	Same
	65 and over	2001-2004	17.7	2017 - March 2020	18.6	0.6	No change	======			18.6	-22.8	Better
Gender	Male	2001-2004	26.7	2017 - March 2020	25.8	0.2	No change	======	======	======	======	======	======
	Female	2001-2004	21.8	2017 - March 2020	20.3	0.4	No change	======	Male	25.8	20.3	-21.3	Better
Education	At least some college	2001-2004	17.1	2017 - March 2020	16.9	0.7	No change	======	======	======	======	======	======
	Less than high school graduate	2001-2004	43.1	2017 - March 2020	39.4	0.1	No change	======	At least some college	16.9	39.4	133.1	Worse
	High school graduate	2001-2004	27.6	2017 - March 2020	36.5	2.2	No change	======			36.5	116.0	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.18. Composite measure: Children ages 19-35 months who received all recommended vaccines

Source: NIS

Benchmark: 79.3 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2009	63.6	2021	72.1	-1.6	Improving	14 years	======	======	======	======	======
Race	AI/AN	2009	61.9	2020	61.4	-0.3	No change	No progress	------	------	------	------	------
	NHPI	2009	53.7	2018	86.0	------	------	------			------	------	------
	White	2009	65.3	2021	74.0	-1.9	Improving	9 years	======	======	======	======	======
	Asian	2009	62.3	2021	76.6	-2.8	Improving	3 years	White	74.0	76.6	-10.0	Same
	Black	2009	58.5	2021	65.0	-0.9	No change	No progress			65.0	34.6	Worse
	Multiple races	2009	56.9	2021	70.0	-1.2	No change	No progress			70.0	15.4	Same
Ethnicity	Non-Hispanic, White	2009	64.1	2021	74.2	-2.6	Improving	7 years	======	======	======	======	======
	Hispanic, all races	2009	67.1	2021	71.1	-0.3	No change	No progress	Non-Hispanic, White	74.2	71.1	12.0	Same
	Non-Hispanic, all races	2009	62.2	2021	72.5	-2.2	Improving	10 years			72.5	6.6	Same
	Non-Hispanic, Black	2009	58.2	2021	64.7	-1.0	Improving	No progress			64.7	36.8	Worse
	Non-Hispanic, other races	2021	74.4	2021	74.4	------	------	------			74.4	-0.8	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	500% of PL or more	2012	69.0	2021	81.4	-4.7	Improving	Reached	======	======	======	======	======
	Less than 100% of PL	2009	61.7	2021	62.3	0.2	No change	No progress	500% of PL or more	81.4	62.3	102.7	Worse
	100%-199% of PL	2009	63.3	2021	69.5	-0.6	No change	No progress			69.5	64.0	Worse
	200%-399% of PL	2009	62.7	2021	73.2	-2.0	Improving	10 years			73.2	44.1	Worse
	400%-499% of PL	2009	68.1	2021	80.1	-3.1	Improving	Reached			80.1	7.0	Same
Health insurance	Uninsured	2019	50.0	2020	52.8	------	------	------	------	------	------	------	------
	Private Only	2019	79.3	2021	79.5	------	------	------	======	======	======	======	======
	Insured	2019	73.5	2021	72.6	------	------	------	Private Only	79.5	72.6	33.7	Worse
	Any Medicaid	2019	68.3	2021	66.8	------	------	------			66.8	62.0	Worse
Metropolitan status	Metropolitan	2019	73.1	2021	72.8	------	------	------	======	======	======	======	======
	Nonmetropolitan	2019	69.9	2021	65.7	------	------	------	Metropolitan	72.8	65.7	26.1	Worse
Gender	Male	2009	62.9	2021	72.4	-1.8	Improving	13 years	======	======	======	======	======
	Female	2009	64.3	2021	71.8	-1.5	Improving	16 years	Male	72.4	71.8	2.2	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.19. Children ages 19-35 months who received 4 or more doses of diphtheria-tetanus-pertussis vaccine

Source: NIS

Benchmark: 90.6 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001	82.1	2021	84.4	0.1	No change	No progress		======	======	======	======	======
Race	NHPI	2005	93.6	2018	88.6	0.6	No change	No progress		------	------	------	------	------
	White	2001	83.2	2021	86.1	0.1	No change	No progress		======	======	======	======	======
	AI/AN	2001	76.9	2021	80.9	-1.2	No change	No progress		White	86.1	80.9	37.4	Same
	Asian	2001	83.6	2021	88.8	-0.6	No change	No progress				88.8	-19.4	Same
	Black	2001	77.2	2021	77.8	0.2	No change	No progress				77.8	59.7	Worse
	Multiple races	2001	82.1	2021	81.9	0.1	No change	No progress				81.9	30.2	Worse
Ethnicity	Non-Hispanic, White	2001	83.5	2021	86.0	0.1	No change	No progress		======	======	======	======	======
	Hispanic, all races	2001	82.5	2021	84.5	-0.2	No change	No progress		Non-Hispanic, White	86.0	84.5	10.7	Same
	Non-Hispanic, all races	2001	82.1	2021	84.4	0.0	No change	No progress				84.4	11.4	Same
	Non-Hispanic, Black	2001	76.5	2021	78.0	0.1	No change	No progress				78.0	57.1	Worse
	Non-Hispanic, other races	2021	85.2	2021	85.2	------	------	------				85.2	5.7	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	500% of PL or more	2012	84.4	2021	91.8	-4.8	Improving	Reached		======	======	======	======	======
	Less than 100% of PL	2001	76.5	2021	76.5	0.3	No change	No progress		500% of PL or more	91.8	76.5	186.6	Worse
	100%-199% of PL	2001	78.9	2021	82.1	0.1	No change	No progress				82.1	118.3	Worse
	200%-399% of PL	2001	83.7	2021	85.5	0.1	No change	No progress				85.5	76.8	Worse
	400%-499% of PL	2001	88.4	2021	91.1	0.2	No change	No progress				91.1	8.5	Same
Health insurance	Uninsured	2019	69.5	2020	70.3	------	------	------		------	------	------	------	------
	Private Only	2019	87.3	2021	90.4	------	------	------		======	======	======	======	======
	Insured	2019	83.8	2021	84.8	------	------	------		Private Only	90.4	84.8	58.3	Worse
	Any Medicaid	2019	80.5	2021	80.1	------	------	------				80.1	107.3	Worse
Metropolitan status	Metropolitan	2019	83.8	2021	85.0	------	------	------		======	======	======	======	======
	Nonmetropolitan	2019	79.8	2021	79.2	------	------	------		Metropolitan	85.0	79.2	38.7	Worse
Gender	Male	2001	82.0	2021	84.6	0.1	No change	No progress		======	======	======	======	======
	Female	2001	82.3	2021	84.2	0.1	No change	No progress		Male	84.6	84.2	2.6	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.20. Children ages 19-35 months who received 3 or more doses of polio vaccine

Source: NIS

Benchmark: 97.3 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001	89.4	2021	93.8	-1.6	Improving	More than 20 years	======	======	======	======	======
Race	White	2001	90.2	2021	94.8	-1.8	Improving	19 years	======	======	======	======	======
	AI/AN	2001	87.9	2021	94.1	-2.1	No change	No progress	White	94.8	94.1	13.5	Same
	Asian	2001	89.9	2021	95.4	-2.9	Improving	10 years			95.4	-11.5	Same
	NHPI	2001	86.7	2021	98.2	-1.5	No change	No progress			98.2	-65.4	Better
	Black	2001	85.9	2021	89.2	-1.2	Improving	No progress			89.2	107.7	Worse
	Multiple races	2001	87.7	2021	93.7	-1.8	Improving	More than 20 years			93.7	21.2	Same
Ethnicity	Non-Hispanic, White	2001	90.1	2021	94.9	-1.9	Improving	18 years	======	======	======	======	======
	Hispanic, all races	2001	90.7	2021	93.6	-1.2	Improving	More than 20 years	Non-Hispanic, White	94.9	93.6	25.5	Same
	Non-Hispanic, all races	2001	89.0	2021	93.9	-2.1	Improving	20 years			93.9	19.6	Same
	Non-Hispanic, Black	2001	85.2	2021	89.2	-1.6	Improving	More than 20 years			89.2	111.8	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, other races	2021	94.9	2021	94.9	------	------	------			94.9	0.0	Same
Income	500% of PL or more	2012	94.1	2021	97.2	-7.8	Improving	0 years	======	======	======	======	======
	Less than 100% of PL	2001	87.4	2021	89.2	-0.5	No change	No progress	500% of PL or more	97.2	89.2	285.7	Worse
	100%-199% of PL	2001	88.5	2021	92.8	-1.2	No change	No progress			92.8	157.1	Worse
	200%-399% of PL	2001	89.6	2021	95.8	-2.8	Improving	8 years			95.8	50.0	Worse
	400%-499% of PL	2001	92.3	2021	95.2	-2.3	Improving	17 years			95.2	71.4	Same
Health insurance	Private Only	2019	95.0	2021	96.4	------	------	------	======	======	======	======	======
	Insured	2019	92.6	2021	94.1	------	------	------	Private Only	96.4	94.1	63.9	Worse
	Any Medicaid	2019	90.4	2021	92.2	------	------	------			92.2	116.7	Worse
	Uninsured	2019	84.2	2021	77.6	------	------	------			77.6	522.2	Worse
Metropolitan status	Metropolitan	2019	92.4	2021	94.1	------	------	------	======	======	======	======	======
	Nonmetropolitan	2019	91.5	2021	91.1	------	------	------	Metropolitan	94.1	91.1	50.8	Worse
Gender	Male	2001	89.3	2021	93.5	-1.6	Improving	More than 20 years	======	======	======	======	======
	Female	2001	89.6	2021	94.1	-1.7	Improving	More than 20 years	Male	93.5	94.1	-9.2	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.21. Children ages 19-35 months who received 1 or more doses of measles-mumps-rubella vaccine

Source: NIS

Benchmark: 96.4 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001	91.4	2021	92.1	0.1	No change	No progress	======	======	======	======	======
Race	NHPI	2001	86.2	2020	88.6	2.6	No change	No progress	------	------	------	------	------
	White	2001	91.9	2021	92.8	-0.1	No change	No progress	======	======	======	======	======
	AI/AN	2001	91.2	2021	95.2	-1.1	No change	No progress	White	92.8	95.2	-33.3	Same
	Asian	2001	90.6	2021	93.3	-0.1	No change	No progress			93.3	-6.9	Same
	Black	2001	89.7	2021	88.1	0.8	No change	No progress			88.1	65.3	Worse
	Multiple races	2001	89.6	2021	92.5	-0.3	No change	No progress			92.5	4.2	Same
Ethnicity	Non-Hispanic, White	2001	91.8	2021	93.5	-0.2	No change	No progress	======	======	======	======	======
	Hispanic, all races	2001	92.1	2021	91.5	0.4	No change	No progress	Non-Hispanic, White	93.5	91.5	30.8	Same
	Non-Hispanic, all races	2001	91.2	2021	92.3	-0.4	No change	No progress			92.3	18.5	Same
	Non-Hispanic, Black	2001	89.4	2021	88.0	0.7	No change	No progress			88.0	84.6	Worse
	Non-Hispanic, other races	2021	92.8	2021	92.8	------	------	------			92.8	10.8	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	500% of PL or more	2012	91.5	2021	95.7	-5.1	Improving	No progress	======	======	======	======	======
	Less than 100% of PL	2001	89.1	2021	88.0	1.0	No change	No progress	500% of PL or more	95.7	88.0	179.1	Worse
	100%-199% of PL	2001	90.3	2021	90.2	0.0	No change	No progress			90.2	127.9	Worse
	200%-399% of PL	2001	91.3	2021	92.9	0.1	No change	No progress			92.9	65.1	Worse
	400%-499% of PL	2001	94.4	2021	97.1	-0.6	No change	No progress			97.1	-32.6	Same
Health insurance	Private Only	2019	93.3	2021	94.9	------	------	------	======	======	======	======	======
	Insured	2019	91.5	2021	92.3	------	------	------	Private Only	94.9	92.3	51.0	Worse
	Any Medicaid	2019	89.7	2021	90.1	------	------	------			90.1	94.1	Worse
	Uninsured	2019	83.9	2021	81.2	------	------	------			81.2	268.6	Worse
Metropolitan status	Metropolitan	2019	91.3	2021	92.5	------	------	------	======	======	======	======	======
	Nonmetropolitan	2019	90.7	2021	88.9	------	------	------	Metropolitan	92.5	88.9	48.0	Worse
Gender	Male	2001	91.2	2021	92.1	0.1	No change	No progress	======	======	======	======	======
	Female	2001	91.6	2021	92.1	0.2	No change	No progress	Male	92.1	92.1	0.0	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.22. Children ages 19-35 months who received 3 or more doses of hepatitis B vaccine

Source: NIS

Benchmark: 96.4 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001	88.9	2021	93.2	-0.3	No change	No progress		======	======	======	======	======
Race	White	2001	89.7	2021	93.7	-0.3	No change	No progress		======	======	======	======	======
	AI/AN	2001	86.9	2021	93.3	0.3	No change	No progress		White	93.7	93.3	6.3	Same
	Asian	2001	89.3	2021	94.4	-0.5	No change	No progress				94.4	-11.1	Same
	NHPI	2001	93.4	2021	97.9	-0.5	No change	No progress				97.9	-66.7	Better
	Black	2001	85.0	2021	90.5	-0.4	No change	No progress				90.5	50.8	Worse
	Multiple races	2001	87.9	2021	93.1	-0.9	No change	No progress				93.1	9.5	Same
Ethnicity	Non-Hispanic, White	2001	89.6	2021	93.9	-0.3	No change	No progress		======	======	======	======	======
	Hispanic, all races	2001	89.8	2021	93.0	0.0	No change	No progress		Non-Hispanic, White	93.9	93.0	14.8	Same
	Non-Hispanic, all races	2001	88.7	2021	93.3	-0.5	No change	No progress				93.3	9.8	Same
	Non-Hispanic, Black	2001	85.0	2021	90.0	-0.9	No change	No progress				90.0	63.9	Worse
	Non-Hispanic, other races	2021	94.1	2021	94.1	------	------	------				94.1	-3.3	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	500% of PL or more	2012	92.7	2021	95.6	-5.2	Improving	2 years	======	======	======	======	======
	Less than 100% of PL	2001	86.5	2021	89.7	0.1	No change	No progress	500% of PL or more	95.6	89.7	134.1	Worse
	100%-199% of PL	2001	88.7	2021	93.1	-0.1	No change	No progress			93.1	56.8	Worse
	200%-399% of PL	2001	88.2	2021	94.3	-0.7	No change	No progress			94.3	29.5	Same
	400%-499% of PL	2001	91.9	2021	94.1	-0.2	No change	No progress			94.1	34.1	Same
Health insurance	Private Only	2019	93.1	2021	95.2	------	------	------	======	======	======	======	======
	Insured	2019	91.6	2021	93.5	------	------	------	Private Only	95.2	93.5	35.4	Worse
	Any Medicaid	2019	90.1	2021	92.0	------	------	------			92.0	66.7	Worse
	Uninsured	2019	83.7	2021	80.1	------	------	------			80.1	314.6	Worse
Metropolitan status	Metropolitan	2019	91.3	2021	93.5	------	------	------	======	======	======	======	======
	Nonmetropolitan	2019	91.5	2021	90.8	------	------	------	Metropolitan	93.5	90.8	41.5	Worse
Gender	Male	2001	89.4	2021	93.3	-0.2	No change	No progress	======	======	======	======	======
	Female	2001	88.4	2021	93.1	-0.4	No change	No progress	Male	93.3	93.1	3.0	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.23. Children ages 19-35 months who received 1 or more doses of varicella vaccine

Source: NIS

Benchmark: 95.7 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001	76.3	2021	91.6	-3.8	Improving	8 years	======	======	======	======	======
Race	White	2001	76.1	2021	92.3	-4.4	Improving	6 years	======	======	======	======	======
	AI/AN	2001	69.7	2021	96.7	-5.7	Improving	Reached	White	92.3	96.7	-57.1	Better
	Asian	2001	82.3	2021	92.2	-3.6	Improving	11 years			92.2	1.3	Same
	NHPI	2005	92.8	2021	94.6	3.8	No change	No progress			94.6	-29.9	Same
	Black	2001	76.5	2021	88.5	-2.6	Improving	20 years			88.5	49.4	Worse
	Multiple races	2001	75.6	2021	90.4	-2.8	Improving	13 years			90.4	24.7	Same
Ethnicity	Non-Hispanic, White	2001	74.7	2021	93.1	-4.7	Improving	4 years	======	======	======	======	======
	Hispanic, all races	2001	80.3	2021	90.5	-3.0	Improving	14 years	Non-Hispanic, White	93.1	90.5	37.7	Worse
	Non-Hispanic, all races	2001	75.2	2021	92.0	-5.1	Improving	6 years			92.0	15.9	Same
	Non-Hispanic, Black	2001	75.7	2021	88.5	-2.6	Improving	20 years			88.5	66.7	Worse
	Non-Hispanic, other races	2021	91.8	2021	91.8	------	------	------			91.8	18.8	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	500% of PL or more	2012	92.0	2021	95.0	-4.8	Improving	No progress	======	======	======	======	======
	Less than 100% of PL	2001	74.0	2021	87.8	-2.6	Improving	20 years	500% of PL or more	95.0	87.8	144.0	Worse
	100%-199% of PL	2001	74.4	2021	90.0	-3.6	Improving	11 years			90.0	100.0	Worse
	200%-399% of PL	2001	75.5	2021	92.8	-4.3	Improving	5 years			92.8	44.0	Worse
	400%-499% of PL	2001	81.7	2021	94.6	-4.5	Improving	3 years			94.6	8.0	Same
Health insurance	Uninsured	2019	81.5	2020	81.1	------	------	------	------	------	------	------	------
	Private Only	2019	93.1	2021	94.2	------	------	------	======	======	======	======	======
	Insured	2019	91.3	2021	92.0	------	------	------	Private Only	94.2	92.0	37.9	Worse
	Any Medicaid	2019	89.6	2021	90.1	------	------	------			90.1	70.7	Worse
Metropolitan status	Metropolitan	2019	91.1	2021	91.9	------	------	------	======	======	======	======	======
	Nonmetropolitan	2019	89.9	2021	88.9	------	------	------	Metropolitan	91.9	88.9	37.0	Worse
Gender	Male	2001	76.7	2021	91.4	-3.8	Improving	9 years	======	======	======	======	======
	Female	2001	76.0	2021	91.8	-3.9	Improving	8 years	Male	91.4	91.8	-4.7	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.24. Children ages 19-35 months who received 4 or more doses of pneumococcal conjugate vaccine

Source: NIS

Benchmark: 90.8 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2010	83.3	2021	84.6	-0.2	No change	No progress	======	======	======	======	======
Race	AI/AN	2010	81.7	2020	75.7	1.4	No change	No progress	------	------	------	------	------
	White	2010	84.4	2021	86.3	-0.7	No change	No progress	======	======	======	======	======
	Asian	2010	79.7	2021	88.0	-2.9	Improving	6 years	White	86.3	88.0	-12.4	Same
	NHPI	2010	85.5	2021	89.0	2.6	No change	No progress			89.0	-19.7	Same
	Black	2010	79.6	2021	78.2	0.9	No change	No progress			78.2	59.1	Worse
	Multiple races	2010	81.7	2021	83.1	0.7	No change	No progress			83.1	23.4	Same
Ethnicity	Non-Hispanic, White	2010	84.2	2021	86.3	-1.2	Improving	More than 20 years	======	======	======	======	======
	Hispanic, all races	2010	83.9	2021	84.6	0.8	No change	No progress	Non-Hispanic, White	86.3	84.6	12.4	Same
	Non-Hispanic, all races	2010	83.1	2021	84.6	-0.1	No change	No progress			84.6	12.4	Same
	Non-Hispanic, Black	2010	79.7	2021	78.0	0.7	No change	No progress			78.0	60.6	Worse
	Non-Hispanic, other races	2021	85.2	2021	85.2	------	------	------			85.2	8.0	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	500% of PL or more	2012	82.6	2021	92.5	-6.6	Improving	Reached		======	======	======	======	======
	Less than 100% of PL	2010	78.9	2021	76.8	1.3	Worsening	No progress		500% of PL or more	92.5	76.8	209.3	Worse
	100%-199% of PL	2010	83.2	2021	80.7	1.4	Worsening	No progress				80.7	157.3	Worse
	200%-399% of PL	2010	84.4	2021	87.2	0.0	No change	No progress				87.2	70.7	Worse
	400%-499% of PL	2010	88.8	2021	89.2	1.0	No change	No progress				89.2	44.0	Same
Health insurance	Uninsured	2019	63.2	2020	65.6	------	------	------		------	------	------	------	------
	Private Only	2019	88.5	2021	91.0	------	------	------		======	======	======	======	======
	Insured	2019	83.1	2021	85.1	------	------	------		Private Only	91.0	85.1	65.6	Worse
	Any Medicaid	2019	78.1	2021	80.1	------	------	------				80.1	121.1	Worse
Metropolitan status	Metropolitan	2019	82.7	2021	85.3	------	------	------		======	======	======	======	======
	Nonmetropolitan	2019	80.6	2021	78.8	------	------	------		Metropolitan	85.3	78.8	44.2	Worse
Gender	Male	2010	82.8	2021	85.1	-0.6	No change	No progress		======	======	======	======	======
	Female	2010	83.9	2021	84.0	0.3	No change	No progress		Male	85.1	84.0	7.4	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.25. Children ages 19-35 months who received full series Haemophilus influenzae type B

Source: NIS

Benchmark: 88.5 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2009	54.8	2021	80.6	-4.5	Improving	6 years		======	======	======	======	======
Race	AI/AN	2009	52.1	2020	73.8	-5.5	Improving	No progress		------	------	------	------	------
	NHPI	2009	64.5	2018	86.5	-8.3	No change	No progress				------	------	------
	White	2009	55.4	2021	82.2	-5.0	Improving	5 years		======	======	======	======	======
	Asian	2009	56.8	2021	82.5	-5.1	Improving	5 years		White	82.2	82.5	-1.7	Same
	Black	2009	51.3	2021	73.9	-3.6	Improving	12 years				73.9	46.6	Worse
	Multiple races	2009	54.1	2021	79.9	-3.3	No change	No progress				79.9	12.9	Same
Ethnicity	Non-Hispanic, White	2009	55.3	2021	82.2	-5.5	Improving	4 years		======	======	======	======	======
	Hispanic, all races	2009	55.4	2021	80.9	-3.9	Improving	6 years		Non-Hispanic, White	82.2	80.9	7.3	Same
	Non-Hispanic, all races	2009	54.6	2021	80.4	-5.3	Improving	5 years				80.4	10.1	Same
	Non-Hispanic, Black	2009	51.2	2021	72.3	-3.4	Improving	14 years				72.3	55.6	Worse
	Non-Hispanic, other races	2021	82.3	2021	82.3	------	------	------				82.3	-0.6	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	500% of PL or more	2012	79.8	2021	86.9	-3.9	No change	No progress		======	======	======	======	======
	Less than 100% of PL	2009	51.5	2021	73.0	-2.6	No change	No progress		500% of PL or more	86.9	73.0	106.1	Worse
	100%-199% of PL	2009	54.3	2021	78.6	-3.7	Improving	8 years				78.6	63.4	Worse
	200%-399% of PL	2009	56.3	2021	82.2	-4.9	Improving	5 years				82.2	35.9	Worse
	400%-499% of PL	2009	58.6	2021	86.6	-5.2	Improving	No progress				86.6	2.3	Same
Health insurance	Uninsured	2019	65.6	2020	62.4	------	------	------		------	------	------	------	------
	Private Only	2019	86.5	2021	85.9	------	------	------		======	======	======	======	======
	Insured	2019	81.5	2021	81.0	------	------	------		Private Only	85.9	81.0	34.8	Worse
	Any Medicaid	2019	76.9	2021	76.8	------	------	------				76.8	64.5	Worse
Metropolitan status	Metropolitan	2019	80.9	2021	80.9	------	------	------		======	======	======	======	======
	Nonmetropolitan	2019	81.7	2021	77.8	------	------	------		Metropolitan	80.9	77.8	16.2	Same
Gender	Male	2009	54.9	2021	81.2	-4.6	Improving	6 years		======	======	======	======	======
	Female	2009	54.8	2021	79.9	-4.4	Improving	7 years		Male	81.2	79.9	6.9	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.26. Adolescents ages 13-15 who received 1 or more doses of meningococcal conjugate vaccine

Source: NIS_TEEN

Benchmark: 95.4 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2008	43.9	2021	88.5	-11.3	Improving	2 years	======	======	======	======	======
Race	White	2008	43.1	2021	88.6	-11.4	Improving	2 years	======	======	======	======	======
	AI/AN	2008	51.8	2021	89.4	-12.5	Improving	2 years	White	88.6	89.4	-7.0	Same
	Asian	2008	44.3	2021	95.5	-13.2	Improving	Reached			95.5	-60.5	Better
	NHPI	2008	46.8	2021	96.1	-15.8	Improving	Reached			96.1	-65.8	Better
	Black	2008	46.8	2021	87.8	-10.9	Improving	3 years			87.8	7.0	Same
	Multiple races	2008	41.2	2021	83.7	-11.5	Improving	4 years			83.7	43.0	Same
Ethnicity	Non-Hispanic, White	2008	40.7	2021	88.6	-11.7	Improving	2 years	======	======	======	======	======
	Hispanic, all races	2008	50.6	2021	87.2	-9.9	Improving	3 years	Non-Hispanic, White	88.6	87.2	12.3	Same
	Non-Hispanic, all races	2008	45.2	2021	88.9	-10.4	Improving	2 years			88.9	-2.6	Same
	Non-Hispanic, Black	2008	46.7	2021	88.1	-11.1	Improving	3 years			88.1	4.4	Same
	Non-Hispanic, other races	2021	91.0	2021	91.0	------	------	------			91.0	-21.1	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	500% of PL or more	2008	42.9	2021	91.8	-13.3	Improving	1 years	======	======	======	======	======
	Less than 100% of PL	2008	44.7	2021	88.0	-11.6	Improving	2 years	500% of PL or more	91.8	88.0	46.3	Worse
	100%-199% of PL	2008	35.6	2021	86.9	-10.9	Improving	3 years			86.9	59.8	Worse
	200%-399% of PL	2008	41.3	2021	85.3	-10.9	Improving	3 years			85.3	79.3	Worse
	400%-499% of PL	2008	51.3	2021	92.2	-10.8	Improving	1 years			92.2	-4.9	Same
Health insurance	Uninsured	2019	80.1	2020	84.0	------	------	------	------	------	------	------	------
	Private only	2019	89.7	2021	89.4	------	------	------	======	======	======	======	======
	Insured	2019	89.5	2021	88.8	------	------	------	Private only	89.4	88.8	5.7	Same
	Public	2019	89.3	2021	87.9	------	------	------			87.9	14.2	Same
Metropolitan status	Metropolitan	2008	47.1	2021	89.0	-11.0	Improving	2 years	======	======	======	======	======
	Nonmetropolitan	2008	27.1	2021	84.1	-11.4	Improving	3 years	Metropolitan	89.0	84.1	44.5	Worse
Gender	Male	2008	42.4	2021	88.2	-11.3	Improving	2 years	======	======	======	======	======
	Female	2008	45.4	2021	88.8	-11.3	Improving	2 years	Male	88.2	88.8	-5.1	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.27. Adolescents ages 16-17 who received 1 or more doses of meningococcal conjugate vaccine

Source: NIS_TEEN

Benchmark: 96.2 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2008	38.6	2021	89.8	-12.9	Improving	2 years	======	======	======	======	======
Race	NHPI	2010	87.2	2020	95.6	------	------	------	------	------	------	------	------
	White	2008	38.2	2021	88.3	-12.6	Improving	2 years	======	======	======	======	======
	AI/AN	2008	46.9	2021	94.5	-19.4	Improving	0 years	White	88.3	94.5	-53.0	Better
	Asian	2008	55.5	2021	96.0	-14.7	Improving	0 years			96.0	-65.8	Better
	Black	2008	37.9	2021	93.2	-14.3	Improving	1 years			93.2	-41.9	Better
	Multiple races	2008	37.0	2021	91.4	-13.8	Improving	1 years			91.4	-26.5	Same
Ethnicity	Non-Hispanic, White	2008	38.3	2021	90.1	-12.9	Improving	2 years	======	======	======	======	======
	Hispanic, all races	2008	39.5	2021	85.4	-11.8	Improving	3 years	Non-Hispanic, White	90.1	85.4	47.5	Same
	Non-Hispanic, all races	2008	41.2	2021	91.2	-13.2	Improving	1 years			91.2	-11.1	Same
	Non-Hispanic, Black	2008	38.0	2021	93.7	-14.5	Improving	1 years			93.7	-36.4	Better
	Non-Hispanic, other races	2021	93.0	2021	93.0	------	------	------			93.0	-29.3	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	500% of PL or more	2008	38.2	2021	90.3	-13.6	Improving	2 years	======	======	======	======	======
	Less than 100% of PL	2008	33.9	2021	89.0	-12.9	Improving	2 years	500% of PL or more	90.3	89.0	13.4	Same
	100%-199% of PL	2008	31.9	2021	88.6	-13.2	Improving	2 years			88.6	17.5	Same
	200%-399% of PL	2008	36.3	2021	90.3	-12.9	Improving	2 years			90.3	0.0	Same
	400%-499% of PL	2008	46.8	2021	91.2	-11.9	Improving	2 years			91.2	-9.3	Same
Health insurance	Uninsured	2019	82.8	2020	88.1	------	------	------	------	------	------	------	------
	Private only	2019	88.5	2021	91.3	------	------	------	======	======	======	======	======
	Insured	2019	88.9	2021	90.3	------	------	------	Private only	91.3	90.3	11.5	Same
	Public	2019	90.6	2021	88.9	------	------	------			88.9	27.6	Same
Metropolitan status	Metropolitan	2008	42.1	2021	89.8	-12.4	Improving	2 years	======	======	======	======	======
	Nonmetropolitan	2008	22.0	2021	89.9	-13.6	Improving	1 years	Metropolitan	89.8	89.9	-1.0	Same
Gender	Male	2008	38.7	2021	89.2	-12.6	Improving	2 years	======	======	======	======	======
	Female	2008	38.5	2021	90.5	-13.3	Improving	2 years	Male	89.2	90.5	-12.0	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.28. Adolescent females ages 13-15 who received 3 doses of human papillomavirus vaccine or 2 doses when the first dose was received before age 15

Source: NIS_TEEN

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	54.6	2021	60.0	------	------	======	======	======	======	======	======
Race	Multiple races	2019	56.4	2020	54.3	------	------	======	------	------	------	------	------
	White	2019	54.0	2021	58.5	------	------	======	======	======	======	======	======
	Black	2019	55.1	2021	63.4	------	------	======	White	58.5	63.4	-11.8	Same
Ethnicity	Non-Hispanic, White	2019	50.2	2021	57.9	------	------	======	======	======	======	======	======
	Hispanic, all races	2019	62.3	2021	57.0	------	------	======	Non-Hispanic, White	57.9	57.0	2.1	Same
	Non-Hispanic, all races	2021	61.1	2021	61.1	------	------	======			61.1	-7.6	Same
	Non-Hispanic, Black	2019	54.8	2021	67.4	------	------	======			67.4	-22.6	Better
	Non-Hispanic, other races	2021	64.9	2021	64.9	------	------	======			64.9	-16.6	Same
Income	500% of PL or more	2019	54.9	2021	65.4	------	------	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Less than 100% of PL	2019	62.2	2021	63.8	------	------	======	500% of PL or more	65.4	63.8	4.6	Same
	100%-199% of PL	2019	50.8	2021	60.1	------	------	======			60.1	15.3	Same
	200%-399% of PL	2019	47.5	2021	49.8	------	------	======			49.8	45.1	Worse
	400%-499% of PL	2019	57.7	2021	62.4	------	------	======			62.4	8.7	Same
Health insurance	Uninsured	2019	28.3	2019	28.3	------	------	======	------	------	------	------	------
	Private only	2019	53.1	2021	59.2	------	------	======	======	======	======	======	======
	Insured	2019	55.7	2021	60.8	------	------	======	Private only	59.2	60.8	-3.9	Same
	Public	2019	61.0	2021	62.7	------	------	======			62.7	-8.6	Same
Metropolitan status	Metropolitan	2019	55.6	2021	60.5	------	------	======	======	======	======	======	======
	Nonmetropolitan	2019	45.3	2021	55.8	------	------	======	Metropolitan	60.5	55.8	11.9	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.29. Adolescent females ages 16-17 who received 3 doses of human papillomavirus vaccine or 2 doses when the first dose was received before age 15

Source: NIS_TEEN

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	60.4	2021	69.8	------	------	======	======	======	======	======	======
Race	Multiple races	2020	79.6	2020	79.6	------	------	======	------	------	------	------	------
	White	2019	61.1	2021	69.6	------	------	======	======	======	======	======	======
	Black	2020	67.0	2021	65.4	------	------	======	White	69.6	65.4	13.8	Same
Ethnicity	Non-Hispanic, White	2019	59.5	2021	70.5	------	------	======	======	======	======	======	======
	Hispanic, all races	2019	63.7	2021	66.6	------	------	======	Non-Hispanic, White	70.5	66.6	13.2	Same
	Non-Hispanic, all races	2021	70.7	2021	70.7	------	------	======			70.7	-0.7	Same
	Non-Hispanic, Black	2020	65.7	2021	66.0	------	------	======			66.0	15.3	Same
	Non-Hispanic, other races	2021	76.5	2021	76.5	------	------	======			76.5	-20.3	Same
Income	100%-199% of PL	2019	64.0	2020	66.5	------	------	======	------	------	------	------	------
	500% of PL or more	2019	69.8	2021	74.0	------	------	======	======	======	======	======	======
	Less than 100% of PL	2019	55.5	2021	70.9	------	------	======	500% of PL or more	74.0	70.9	11.9	Same
	200%-399% of PL	2019	51.7	2021	68.3	------	------	======			68.3	21.9	Same
	400%-499% of PL	2019	58.0	2021	72.4	------	------	======			72.4	6.2	Same
Health insurance	Private only	2019	60.8	2021	71.7	------	------	======	======	======	======	======	======
	Insured	2019	61.3	2021	70.7	------	------	======	Private only	71.7	70.7	3.5	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Public	2019	62.3	2021	69.1	------	------	======			69.1	9.2	Same
Metropolitan status	Metropolitan	2019	61.2	2021	70.7	------	------	======	======	======	======	======	======
	Nonmetropolitan	2019	54.2	2021	61.2	------	------	======	Metropolitan	70.7	61.2	32.4	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.30. Adolescent males ages 13-15 who received 3 doses of human papillomavirus vaccine or 2 doses when the first dose was received before age 15

Source: NIS_TEEN

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	50.0	2021	57.1	------	------	======	======	======	======	======	======
Race	Multiple races	2019	51.5	2020	54.0	------	------	======	------	------	------	------	------
	White	2019	48.0	2021	55.7	------	------	======	======	======	======	======	======
	Asian	2021	68.5	2021	68.5	------	------	======	White	55.7	68.5	-28.9	Better
	Black	2019	54.4	2021	59.3	------	------	======			59.3	-8.1	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Ethnicity	Non-Hispanic, White	2019	45.8	2021	52.0	------	------	======	======	======	======	======	======
	Hispanic, all races	2019	53.5	2021	64.8	------	------	======	Non-Hispanic, White	52.0	64.8	-26.7	Better
	Non-Hispanic, all races	2021	54.4	2021	54.4	------	------	======			54.4	-5.0	Same
	Non-Hispanic, Black	2019	53.4	2021	61.1	------	------	======			61.1	-19.0	Better
	Non-Hispanic, other races	2021	57.1	2021	57.1	------	------	======			57.1	-10.6	Same
Income	500% of PL or more	2019	49.8	2021	64.7	------	------	======	======	======	======	======	======
	Less than 100% of PL	2019	52.8	2021	60.4	------	------	======	500% of PL or more	64.7	60.4	12.2	Same
	100%-199% of PL	2019	50.8	2021	52.3	------	------	======			52.3	35.1	Worse
	200%-399% of PL	2019	47.6	2021	48.8	------	------	======			48.8	45.0	Worse
	400%-499% of PL	2019	46.3	2021	58.7	------	------	======			58.7	17.0	Same
Health insurance	Uninsured	2019	31.5	2019	31.5	------	------	======	------	------	------	------	------
	Private only	2019	47.9	2021	56.7	------	------	======	======	======	======	======	======
	Insured	2019	50.6	2021	57.5	------	------	======	Private only	56.7	57.5	-1.8	Same
	Public	2019	55.6	2021	58.3	------	------	======			58.3	-3.7	Same
Metropolitan status	Metropolitan	2019	50.7	2021	58.1	------	------	======	======	======	======	======	======
	Nonmetropolitan	2019	44.3	2021	48.7	------	------	======	Metropolitan	58.1	48.7	22.4	Worse

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.31. Adolescent males ages 16-17 who received 3 doses of human papillomavirus vaccine or 2 doses when the first dose was received before age 15

Source: NIS_TEEN

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	54.6	2021	64.0	------	------	======	======	======	======	======	======
Race	Multiple races	2020	63.1	2020	63.1	------	------	======	------	------	------	------	------
	White	2019	55.7	2021	63.2	------	------	======	======	======	======	======	======
	Black	2019	57.9	2021	66.6	------	------	======	White	63.2	66.6	-9.2	Same
Ethnicity	Non-Hispanic, White	2019	54.7	2021	64.1	------	------	======	======	======	======	======	======
	Hispanic, all races	2019	53.0	2021	59.6	------	------	======	Non-Hispanic, White	64.1	59.6	12.5	Same
	Non-Hispanic, all races	2021	65.4	2021	65.4	------	------	======			65.4	-3.6	Same
	Non-Hispanic, Black	2019	58.1	2021	66.8	------	------	======			66.8	-7.5	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, other races	2021	69.7	2021	69.7	------	------	======				69.7	-15.6	Same
Income	500% of PL or more	2019	58.3	2021	68.1	------	------	======		======	======	======	======	======
	Less than 100% of PL	2019	54.8	2021	68.4	------	------	======		500% of PL or more	68.1	68.4	-0.9	Same
	100%-199% of PL	2019	51.1	2021	62.3	------	------	======				62.3	18.2	Same
	200%-399% of PL	2019	50.5	2021	58.3	------	------	======				58.3	30.7	Worse
	400%-499% of PL	2019	60.9	2021	58.3	------	------	======				58.3	30.7	Same
Health insurance	Private only	2019	52.9	2021	64.6	------	------	======		======	======	======	======	======
	Insured	2019	54.8	2021	64.9	------	------	======		Private only	64.6	64.9	-0.8	Same
	Public	2019	59.5	2021	65.3	------	------	======				65.3	-2.0	Same
Metropolitan status	Metropolitan	2019	55.4	2021	64.3	------	------	======		======	======	======	======	======
	Nonmetropolitan	2019	47.9	2021	61.8	------	------	======		Metropolitan	64.3	61.8	7.0	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.32. Adolescents ages 13-15 years who received 3 doses of human papillomavirus vaccine or 2 doses when the first dose was received before age 15

Source: NIS_TEEN

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	52.3	2021	58.5	------	------	======	======	======	======	======	======
Race	White	2019	51.0	2021	57.0	------	------	======	======	======	======	======	======
	AI/AN	2021	67.8	2021	67.8	------	------	======	White	57.0	67.8	-25.1	Better
	Asian	2019	65.2	2021	66.2	------	------	======			66.2	-21.4	Better
	Black	2019	54.7	2021	61.3	------	------	======			61.3	-10.0	Same
	Multiple races	2019	54.0	2021	57.0	------	------	======			57.0	0.0	Same
Ethnicity	Non-Hispanic, White	2019	47.9	2021	54.8	------	------	======	======	======	======	======	======
	Hispanic, all races	2019	58.1	2021	60.9	------	------	======	Non-Hispanic, White	54.8	60.9	-13.5	Better
	Non-Hispanic, all races	2021	57.6	2021	57.6	------	------	======			57.6	-6.2	Same
	Non-Hispanic, Black	2019	54.1	2021	64.2	------	------	======			64.2	-20.8	Better
	Non-Hispanic, other races	2021	61.3	2021	61.3	------	------	======			61.3	-14.4	Better
Income	500% of PL or more	2019	52.2	2021	65.0	------	------	======	======	======	======	======	======
	Less than 100% of PL	2019	57.6	2021	62.0	------	------	======	500% of PL or more	65.0	62.0	8.6	Same
	100%-199% of PL	2019	50.8	2021	56.5	------	------	======			56.5	24.3	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	200%-399% of PL	2019	47.6	2021	49.3	------	------	======			49.3	44.9	Worse
	400%-499% of PL	2019	51.9	2021	60.2	------	------	======			60.2	13.7	Same
Health insurance	Uninsured	2019	29.8	2020	41.5	------	------	======	------	------	------	------	------
	Private only	2019	50.5	2021	58.0	------	------	======	======	======	======	======	======
	Insured	2019	53.1	2021	59.1	------	------	======	Private only	58.0	59.1	-2.6	Same
	Public	2019	58.2	2021	60.4	------	------	======			60.4	-5.7	Same
Metropolitan status	Metropolitan	2019	53.1	2021	59.2	------	------	======	======	======	======	======	======
	Nonmetropolitan	2019	44.8	2021	52.2	------	------	======	Metropolitan	59.2	52.2	17.2	Worse
Gender	Male	2019	50.0	2021	57.1	------	------	======	======	======	======	======	======
	Female	2019	54.6	2021	60.0	------	------	======	Male	57.1	60.0	-6.8	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.33. Adolescents ages 16-17 years who received 3 doses of human papillomavirus vaccine or 2 doses when the first dose was received before age 15

Source: NIS_TEEN

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	57.3	2021	66.9	------	------	======	======	======	======	======	======
Race	White	2019	58.3	2021	66.3	------	------	======	======	======	======	======	======
	Asian	2021	76.5	2021	76.5	------	------	======	White	66.3	76.5	-30.3	Better
	Black	2019	54.6	2021	66.0	------	------	======			66.0	0.9	Same
	Multiple races	2020	72.5	2021	61.6	------	------	======			61.6	13.9	Same
Ethnicity	Non-Hispanic, White	2019	57.0	2021	67.2	------	------	======	======	======	======	======	======
	Hispanic, all races	2019	58.0	2021	63.1	------	------	======	Non-Hispanic, White	67.2	63.1	12.5	Same
	Non-Hispanic, all races	2021	68.0	2021	68.0	------	------	======			68.0	-2.4	Same
	Non-Hispanic, Black	2019	54.7	2021	66.4	------	------	======			66.4	2.4	Same
	Non-Hispanic, other races	2021	73.1	2021	73.1	------	------	======			73.1	-18.0	Same
Income	500% of PL or more	2019	64.2	2021	71.1	------	------	======	======	======	======	======	======
	Less than 100% of PL	2019	55.1	2021	69.6	------	------	======	500% of PL or more	71.1	69.6	5.2	Same
	100%-199% of PL	2019	56.9	2021	61.2	------	------	======			61.2	34.3	Worse
	200%-399% of PL	2019	51.0	2021	63.3	------	------	======			63.3	27.0	Worse
	400%-499% of PL	2019	59.6	2021	66.1	------	------	======			66.1	17.3	Same
Health insurance	Private only	2019	56.8	2021	68.2	------	------	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Insured	2019	58.0	2021	67.7	------	------	======		Private only	68.2	67.7	1.6	Same
	Public	2019	60.7	2021	67.1	------	------	======				67.1	3.5	Same
Metropolitan status	Metropolitan	2019	58.1	2021	67.5	------	------	======		======	======	======	======	======
	Nonmetropolitan	2019	51.0	2021	61.5	------	------	======		Metropolitan	67.5	61.5	18.5	Worse
Gender	Male	2019	54.6	2021	64.0	------	------	======		======	======	======	======	======
	Female	2019	60.4	2021	69.8	------	------	======		Male	64.0	69.8	-16.1	Better

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.34. Adolescents ages 13-15 who received 1 or more doses of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis since the age of 10 years

Source: NIS_TEEN

Benchmark: 95.2 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2008	46.7	2021	89.8	-10.4	Improving	2 years		======	======	======	======	======
Race	White	2008	48.0	2021	89.9	-10.4	Improving	2 years		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	AI/AN	2008	44.3	2021	93.6	-10.3	Improving	1 years	White	89.9	93.6	-36.6	Same
	Asian	2008	43.2	2021	90.6	-8.9	Improving	2 years			90.6	-6.9	Same
	NHPI	2010	68.0	2021	95.7	-12.4	No change	No progress			95.7	-57.4	Better
	Black	2008	43.3	2021	89.9	-10.5	Improving	2 years			89.9	0.0	Same
	Multiple races	2008	40.2	2021	87.3	-11.6	Improving	3 years			87.3	25.7	Same
Ethnicity	Non-Hispanic, White	2008	47.4	2021	89.8	-10.8	Improving	2 years	======	======	======	======	======
	Hispanic, all races	2008	48.5	2021	88.7	-9.2	Improving	3 years	Non-Hispanic, White	89.8	88.7	10.8	Same
	Non-Hispanic, all races	2008	44.4	2021	90.2	-10.6	Improving	2 years			90.2	-3.9	Same
	Non-Hispanic, Black	2008	42.4	2021	91.3	-10.9	Improving	1 years			91.3	-14.7	Same
	Non-Hispanic, other races	2021	90.5	2021	90.5	------	------	------			90.5	-6.9	Same
Income	500% of PL or more	2008	45.4	2021	90.8	-11.8	Improving	2 years	======	======	======	======	======
	Less than 100% of PL	2008	42.9	2021	91.1	-11.9	Improving	1 years	500% of PL or more	90.8	91.1	-3.3	Same
	100%-199% of PL	2008	41.0	2021	89.0	-9.8	Improving	2 years			89.0	19.6	Same
	200%-399% of PL	2008	45.3	2021	87.4	-9.7	Improving	3 years			87.4	37.0	Same
	400%-499% of PL	2008	54.5	2021	91.1	-9.3	Improving	2 years			91.1	-3.3	Same
Health insurance	Private only	2019	92.1	2021	90.3	------	------	------	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Insured	2019	91.1	2021	90.0	------	------	------	Private only	90.3	90.0	3.1	Same
	Public	2019	89.7	2021	89.6	------	------	------			89.6	7.2	Same
	Uninsured	2019	83.7	2021	84.0	------	------	------			84.0	64.9	Same
Metropolitan status	Metropolitan	2008	48.0	2021	90.1	-9.9	Improving	2 years	======	======	======	======	======
	Nonmetropolitan	2008	39.9	2021	87.0	-11.4	Improving	3 years	Metropolitan	90.1	87.0	31.3	Same
Gender	Male	2008	47.0	2021	90.1	-10.5	Improving	2 years	======	======	======	======	======
	Female	2008	46.4	2021	89.4	-10.2	Improving	2 years	Male	90.1	89.4	7.1	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.35. Adolescents ages 16-17 who received 1 or more doses of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis since the age of 10 years

Source: NIS_TEEN

Benchmark: 95.9 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2008	31.9	2021	89.3	-13.2	Improving	2 years	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Race	NHPI	2008	41.9	2020	93.1	-18.1	Improving	1 years		------	------	------	------	------
	White	2008	32.7	2021	88.9	-13.3	Improving	2 years		======	======	======	======	======
	AI/AN	2008	43.7	2021	97.1	-16.5	Improving	Reached		White	88.9	97.1	-73.9	Better
	Asian	2008	38.4	2021	93.8	-14.3	Improving	1 years				93.8	-44.1	Better
	Black	2008	26.5	2021	87.1	-13.5	Improving	2 years				87.1	16.2	Same
	Multiple races	2008	33.0	2021	92.2	-13.9	Improving	1 years				92.2	-29.7	Same
Ethnicity	Non-Hispanic, White	2008	33.7	2021	90.5	-14.6	Improving	1 years		======	======	======	======	======
	Hispanic, all races	2008	29.4	2021	85.2	-10.5	Improving	3 years		Non-Hispanic, White	90.5	85.2	55.8	Same
	Non-Hispanic, all races	2008	32.9	2021	90.6	-13.5	Improving	1 years				90.6	-1.1	Same
	Non-Hispanic, Black	2008	26.9	2021	89.3	-14.1	Improving	2 years				89.3	12.6	Same
	Non-Hispanic, other races	2021	92.6	2021	92.6	------	------	------				92.6	-22.1	Same
Income	500% of PL or more	2008	30.8	2021	90.1	-14.0	Improving	2 years		======	======	======	======	======
	Less than 100% of PL	2008	31.4	2021	88.0	-12.1	Improving	2 years		500% of PL or more	90.1	88.0	21.2	Same
	100%-199% of PL	2008	25.8	2021	88.0	-13.6	Improving	2 years				88.0	21.2	Same
	200%-399% of PL	2008	31.5	2021	90.0	-13.6	Improving	2 years				90.0	1.0	Same
	400%-499% of PL	2008	36.5	2021	90.5	-13.6	Improving	2 years				90.5	-4.0	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Health insurance	Uninsured	2019	79.7	2020	89.0	------	------	------		------	------	------	------	------
	Private only	2019	89.7	2021	90.0	------	------	------		======	======	======	======	======
	Insured	2019	89.7	2021	89.5	------	------	------		Private only	90.0	89.5	5.0	Same
	Public	2019	89.4	2021	88.6	------	------	------				88.6	14.0	Same
Metropolitan status	Metropolitan	2008	33.0	2021	89.2	-12.7	Improving	2 years		======	======	======	======	======
	Nonmetropolitan	2008	26.8	2021	90.5	-14.8	Improving	1 years		Metropolitan	89.2	90.5	-12.0	Same
Gender	Male	2008	30.9	2021	89.7	-12.8	Improving	2 years		======	======	======	======	======
	Female	2008	33.0	2021	89.0	-13.8	Improving	2 years		Male	89.7	89.0	6.8	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.36. Children ages 6 months to 17 years who received influenza vaccination in the last flu season

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2020-2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019-2020	58.0	2020-2021	48.5	------	------	======	======	======	======	======	======
Race	AI/AN	2019-2020	57.0	2019-2020	57.0	------	------	======	------	------	------	------	------
	White	2019-2020	59.7	2020-2021	51.1	------	------	======	======	======	======	======	======
	Asian	2019-2020	66.1	2020-2021	64.4	------	------	======	White	51.1	64.4	-27.2	Better
	Black	2019-2020	47.0	2020-2021	34.0	------	------	======			34.0	35.0	Worse
	Multiple races	2019-2020	65.5	2020-2021	46.6	------	------	======			46.6	9.2	Same
Ethnicity	Non-Hispanic, AI/AN	2019-2020	61.5	2019-2020	61.5	------	------	======	------	------	------	------	------
	Non-Hispanic, White	2019-2020	59.1	2020-2021	52.0	------	------	======	======	======	======	======	======
	Hispanic, all races	2019-2020	59.7	2020-2021	47.7	------	------	======	Non-Hispanic, White	52.0	47.7	9.0	Same
	Non-Hispanic, all races	2019-2020	57.5	2020-2021	48.8	------	------	======			48.8	6.7	Same
	Non-Hispanic, Asian	2019-2020	65.6	2020-2021	65.2	------	------	======			65.2	-27.5	Better
	Non-Hispanic, Black	2019-2020	47.1	2020-2021	31.8	------	------	======			31.8	42.1	Worse
	Non-Hispanic, multiple races	2019-2020	65.0	2020-2021	49.7	------	------	======			49.7	4.8	Same
Income	400% of PL or more	2019-2020	65.5	2020-2021	62.8	------	------	======	======	======	======	======	======
	Less than 100% of PL	2019-2020	53.1	2020-2021	40.4	------	------	======	400% of PL or more	62.8	40.4	60.2	Worse
	100%-199% of PL	2019-2020	52.7	2020-2021	38.0	------	------	======			38.0	66.7	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	200%-399% of PL	2019-2020	57.3	2020-2021	46.4	------	------	======			46.4	44.1	Worse
Health insurance	Any private	2019-2020	60.8	2020-2021	56.2	------	------	======	======	======	======	======	======
	Insured	2019-2020	58.0	2020-2021	48.6	------	------	======	Any private	56.2	48.6	17.4	Worse
	Public only	2019-2020	57.6	2020-2021	41.9	------	------	======			41.9	32.6	Worse
	Uninsured	2019-2020	42.1	2020-2021	30.7	------	------	======			30.7	58.2	Worse
Metropolitan status	Metropolitan	2019-2020	59.0	2020-2021	50.0	------	------	======	======	======	======	======	======
	Nonmetropolitan	2019-2020	51.9	2020-2021	38.8	------	------	======	Metropolitan	50.0	38.8	22.4	Worse
Age	6 months - 5 years	2019-2020	66.0	2020-2021	56.7	------	------	======	======	======	======	======	======
	6-17	2019-2020	59.6	2020-2021	47.8	------	------	======	6 months - 5 years	56.7	47.8	20.6	Worse
	12-17	2019-2020	48.4	2020-2021	41.5	------	------	======			41.5	35.1	Worse
Gender	Male	2019-2020	56.5	2020-2021	49.4	------	------	======	======	======	======	======	======
	Female	2019-2020	59.5	2020-2021	47.7	------	------	======	Male	49.4	47.7	3.4	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.37. Adolescents ages 13-15 years (excluding adolescents who have had varicella) vaccinated with at least 2 doses of varicella vaccine

Source: NIS_TEEN

Benchmark: 95.7 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2008	36.7	2021	91.7	-15.1	Improving	1 years	======	======	======	======	======
Race	White	2008	37.5	2021	92.2	-15.3	Improving	1 years	======	======	======	======	======
	AI/AN	2009	41.6	2021	92.8	-16.5	Improving	1 years	White	92.2	92.8	-7.7	Same
	Asian	2008	29.8	2021	95.0	-14.4	Improving	0 years			95.0	-35.9	Same
	NHPI	2008	62.5	2021	97.2	-19.0	Improving	No progress			97.2	-64.1	Better
	Black	2008	33.7	2021	90.9	-15.5	Improving	1 years			90.9	16.7	Same
	Multiple races	2008	35.7	2021	87.0	-13.5	Improving	3 years			87.0	66.7	Same
Ethnicity	Non-Hispanic, White	2008	34.7	2021	93.3	-16.7	Improving	1 years	======	======	======	======	======
	Hispanic, all races	2008	42.5	2021	90.6	-12.7	Improving	2 years	Non-Hispanic, White	93.3	90.6	40.3	Same
	Non-Hispanic, all races	2008	43.0	2021	92.1	-13.6	Improving	1 years			92.1	17.9	Same
	Non-Hispanic, Black	2008	32.9	2021	90.1	-15.3	Improving	1 years			90.1	47.8	Same
	Non-Hispanic, other races	2021	90.0	2021	90.0	------	------	------			90.0	49.3	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	500% of PL or more	2008	34.3	2021	93.8	-15.9	Improving	1 years		======	======	======	======	======
	Less than 100% of PL	2008	37.6	2021	90.8	-15.3	Improving	1 years		500% of PL or more	93.8	90.8	48.4	Same
	100%-199% of PL	2008	31.3	2021	91.7	-15.8	Improving	1 years				91.7	33.9	Same
	200%-399% of PL	2008	37.4	2021	89.8	-14.6	Improving	2 years				89.8	64.5	Worse
	400%-499% of PL	2008	39.3	2021	93.3	-13.9	Improving	1 years				93.3	8.1	Same
Health insurance	Uninsured	2019	87.1	2020	92.2	------	------	------		------	------	------	------	------
	Private only	2019	92.5	2021	92.6	------	------	------		======	======	======	======	======
	Insured	2019	91.8	2021	91.9	------	------	------		Private only	92.6	91.9	9.5	Same
	Public	2019	91.1	2021	91.0	------	------	------				91.0	21.6	Same
Metropolitan status	Metropolitan	2008	39.5	2021	91.7	-14.6	Improving	1 years		======	======	======	======	======
	Nonmetropolitan	2008	19.3	2021	92.1	-17.7	Improving	1 years		Metropolitan	91.7	92.1	-4.8	Same
Gender	Male	2008	37.4	2021	92.8	-15.6	Improving	1 years		======	======	======	======	======
	Female	2008	36.0	2021	90.6	-14.7	Improving	1 years		Male	92.8	90.6	30.6	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.38. Adolescents ages 16-17 years (excluding adolescents who have had varicella) vaccinated with at least 2 doses of varicella vaccine

Source: NIS_TEEN

Benchmark: 96.1 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2008	27.6	2021	91.2	-15.1	Improving	1 years	======	======	======	======	======
Race	NHPI	2011	73.2	2020	96.2	------	------	------	------	------	------	------	------
	White	2008	23.8	2021	90.5	-15.1	Improving	1 years	======	======	======	======	======
	AI/AN	2010	44.6	2021	91.8	-20.7	No change	1 years	White	90.5	91.8	-13.7	Same
	Asian	2010	39.2	2021	93.6	-16.9	Improving	1 years			93.6	-32.6	Same
	Black	2008	40.3	2021	93.7	-15.8	Improving	1 years			93.7	-33.7	Better
	Multiple races	2009	43.5	2021	90.9	-15.7	Improving	1 years			90.9	-4.2	Same
Ethnicity	Non-Hispanic, White	2008	24.1	2021	92.1	-16.0	Improving	1 years	======	======	======	======	======
	Hispanic, all races	2008	25.3	2021	88.1	-13.2	Improving	2 years	Non-Hispanic, White	92.1	88.1	50.6	Same
	Non-Hispanic, all races	2008	27.6	2021	92.2	-15.2	Improving	1 years			92.2	-1.3	Same
	Non-Hispanic, Black	2008	38.9	2021	93.4	-15.8	Improving	1 years			93.4	-16.5	Same
	Non-Hispanic, other races	2021	91.4	2021	91.4	------	------	------			91.4	8.9	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	500% of PL or more	2008	17.5	2021	93.4	-15.6	Improving	1 years	======	======	======	======	======
	Less than 100% of PL	2008	36.0	2021	89.0	-14.7	Improving	2 years	500% of PL or more	93.4	89.0	66.7	Same
	100%-199% of PL	2008	23.5	2021	89.1	-14.8	Improving	1 years			89.1	65.2	Worse
	200%-399% of PL	2008	26.1	2021	91.0	-15.1	Improving	1 years			91.0	36.4	Same
	400%-499% of PL	2008	29.2	2021	93.4	-15.2	Improving	1 years			93.4	0.0	Same
Health insurance	Uninsured	2020	91.2	2020	91.2	------	------	------	------	------	------	------	------
	Private only	2019	88.6	2021	92.5	------	------	------	======	======	======	======	======
	Insured	2019	89.3	2021	91.6	------	------	------	Private only	92.5	91.6	12.0	Same
	Public	2019	89.6	2021	90.3	------	------	------			90.3	29.3	Same
Metropolitan status	Metropolitan	2008	30.5	2021	91.7	-14.8	Improving	1 years	======	======	======	======	======
	Nonmetropolitan	2008	10.6	2021	87.2	-15.9	Improving	2 years	Metropolitan	91.7	87.2	54.2	Same
Gender	Male	2008	26.5	2021	91.1	-14.9	Improving	1 years	======	======	======	======	======
	Female	2008	28.7	2021	91.4	-15.3	Improving	1 years	Male	91.1	91.4	-3.4	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.39. Children who had their height and weight measured by a health provider within the past 2 years

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	86.7	2020	83.7	-2.1	Improving	======	======	======	======	======	======
Race	AI/AN	2002	73.0	2016	86.8	-6.6	No change	======	------	------	------	------	------
	White	2002	86.9	2020	84.8	-2.4	Improving	======	======	======	======	======	======
	Asian	2002	83.6	2020	83.5	-3.4	Improving	======	White	84.8	83.5	8.6	Same
	Black	2002	86.7	2020	76.7	0.2	No change	======			76.7	53.3	Worse
	Multiple races	2002	90.5	2020	86.9	-3.1	No change	======			86.9	-13.8	Same
Ethnicity	Non-Hispanic, White	2002	88.5	2020	88.3	-3.1	Improving	======	======	======	======	======	======
	Hispanic, all races	2002	81.7	2020	78.0	-2.4	Improving	======	Non-Hispanic, White	88.3	78.0	88.0	Worse
	Non-Hispanic, all races	2002	87.9	2020	85.7	-2.3	Improving	======			85.7	22.2	Same
	Non-Hispanic, Asian	2002	83.5	2020	83.7	-3.5	Improving	======			83.7	39.3	Same
	Non-Hispanic, Black	2002	86.6	2020	76.1	0.3	No change	======			76.1	104.3	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, others	2002	86.7	2020	87.9	-4.5	Improving	======			87.9	3.4	Same
Income	400% of PL or more	2002	91.6	2020	90.0	-2.3	No change	======	======	======	======	======	======
	Less than 100% of PL	2002	82.5	2020	75.0	-1.3	No change	======	400% of PL or more	90.0	75.0	150.0	Worse
	100%-199% of PL	2002	84.2	2020	78.2	-2.0	No change	======			78.2	118.0	Worse
	200%-399% of PL	2002	86.5	2020	84.5	-2.4	Improving	======			84.5	55.0	Worse
Health insurance	Any private	2002	89.7	2020	87.1	-2.2	No change	======	======	======	======	======	======
	Public only	2002	84.7	2020	79.2	-1.6	No change	======	Any private	87.1	79.2	61.2	Worse
	Uninsured	2002	68.1	2020	69.5	-0.9	No change	======			69.5	136.4	Worse
Metropolitan status	Large fringe metro	2002	89.5	2020	86.7	-1.8	No change	======	======	======	======	======	======
	Metropolitan	2002	87.2	2020	83.7	-2.0	No change	======	Large fringe metro	86.7	83.7	22.6	Same
	Large central metro	2002	85.2	2020	83.0	-2.6	Improving	======			83.0	27.8	Same
	Medium metro	2002	86.9	2020	83.2	-1.5	No change	======			83.2	26.3	Same
	Small metro	2002	88.2	2020	79.8	-1.5	No change	======			79.8	51.9	Worse
	Nonmetropolitan	2002	84.3	2020	83.7	-2.3	Improving	======			83.7	22.6	Same
	Micropolitan	2002	85.1	2020	82.8	-2.2	No change	======			82.8	29.3	Same
	Noncore	2002	82.8	2020	85.4	-2.5	Improving	======			85.4	9.8	Same
Age	0-5	2002	91.7	2020	89.9	-1.1	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	6-17	2002	84.4	2020	80.8	-2.4	Improving	======	0-5	89.9	80.8	90.1	Worse
Gender	Male	2002	86.9	2020	83.0	-2.1	No change	======	======	======	======	======	======
	Female	2002	86.6	2020	84.5	-2.1	Improving	======	Male	83.0	84.5	-8.8	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.40. Children ages 2-17 who had a dental visit in the calendar year

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	49.1	2020	49.1	-0.6	No change	======	======	======	======	======	======
Race	AI/AN	2002	45.2	2015	49.1	-1.7	No change	======	------	------	------	------	------
	White	2002	52.2	2020	51.4	-0.5	No change	======	======	======	======	======	======
	Asian	2002	38.9	2020	47.7	-1.1	Improving	======	White	51.4	47.7	7.6	Same
	Black	2002	37.1	2020	38.5	-0.7	No change	======			38.5	26.5	Worse
	Multiple races	2002	43.7	2020	47.0	-0.7	No change	======			47.0	9.1	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Ethnicity	Non-Hispanic, White	2002	57.6	2020	57.3	-0.4	No change	======	======	======	======	======	======
	Hispanic, all races	2002	33.8	2020	38.4	-1.4	Improving	======	Non-Hispanic, White	57.3	38.4	44.3	Worse
	Non-Hispanic, all races	2002	52.4	2020	52.8	-0.5	No change	======			52.8	10.5	Worse
	Non-Hispanic, Asian	2002	38.8	2020	47.7	-1.1	Improving	======			47.7	22.5	Same
	Non-Hispanic, Black	2002	37.0	2020	39.5	-0.8	No change	======			39.5	41.7	Worse
	Non-Hispanic, others	2002	46.0	2020	52.5	-0.7	No change	======			52.5	11.2	Same
Income	400% of PL or more	2002	67.2	2020	62.8	0.2	No change	======	======	======	======	======	======
	Less than 100% of PL	2002	33.0	2020	34.0	-0.7	No change	======	400% of PL or more	62.8	34.0	77.4	Worse
	100%-199% of PL	2002	35.9	2020	39.5	-1.3	Improving	======			39.5	62.6	Worse
	200%-399% of PL	2002	50.5	2020	47.3	-0.2	No change	======			47.3	41.7	Worse
Health insurance	Any private	2002	56.9	2020	57.8	-0.5	No change	======	======	======	======	======	======
	Public only	2002	35.8	2020	36.0	-0.9	No change	======	Any private	57.8	36.0	51.7	Worse
	Uninsured	2002	25.5	2020	33.5	-0.5	No change	======			33.5	57.6	Worse
Metropolitan status	Large fringe metro	2002	54.0	2020	51.3	-0.1	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Metropolitan	2002	48.6	2020	49.2	-0.6	No change	======	Large fringe metro	51.3	49.2	4.3	Same
	Large central metro	2002	41.9	2020	48.3	-1.0	Improving	======			48.3	6.2	Same
	Medium metro	2002	52.9	2020	48.8	-0.6	No change	======			48.8	5.1	Same
	Small metro	2002	47.2	2020	47.6	-0.3	No change	======			47.6	7.6	Same
	Nonmetropolitan	2002	51.7	2020	47.9	-0.2	No change	======			47.9	7.0	Same
	Micropolitan	2002	56.5	2020	48.5	-0.2	No change	======			48.5	5.7	Same
	Noncore	2002	43.5	2020	46.8	-0.3	No change	======			46.8	9.2	Same
Age	2-5	2002	30.5	2020	38.5	-1.1	Improving	======	======	======	======	======	======
	6-17	2002	55.0	2020	52.4	-0.4	No change	======	2-5	38.5	52.4	-22.6	Better
Gender	Male	2002	48.6	2020	49.8	-0.7	No change	======	======	======	======	======	======
	Female	2002	49.6	2020	48.3	-0.4	No change	======	Male	49.8	48.3	3.0	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.41. Children ages 2-19 with untreated dental caries

Source: NHANES

Benchmark: Not available

Data year for disparities analysis: 2017 - March 2020

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001-2004	22.7	2017 - March 2020	12.0	------	------	======	======	======	======	======	======
Race	White	2001-2004	19.0	2017 - March 2020	11.4	------	------	======	======	======	======	======	======
	Asian	2013-2016	12.8	2017 - March 2020	12.7	------	------	======	White	11.4	12.7	11.4	Same
	Black	2001-2004	27.8	2017 - March 2020	12.8	------	------	======			12.8	12.3	Same
Ethnicity	Non-Hispanic, White	2001-2004	19.0	2017 - March 2020	11.4	------	------	======	======	======	======	======	======
	Hispanic, all races	2013-2016	17.0	2017 - March 2020	12.3	------	------	======	Non-Hispanic, White	11.4	12.3	7.9	Same
	Mexican American	2001-2004	30.5	2017 - March 2020	12.9	------	------	======			12.9	13.2	Same
	Non-Hispanic, all races	2013-2016	15.1	2017 - March 2020	11.9	------	------	======			11.9	4.4	Same
	Non-Hispanic, Asian	2013-2016	12.8	2017 - March 2020	12.7	------	------	======			12.7	11.4	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2001-2004	27.8	2017 - March 2020	12.8	------	------	======				12.8	12.3	Same
Income	400% of PL or more	2001-2004	9.7	2017 - March 2020	6.0	------	------	======		======	======	======	======	======
	Less than 100% of PL	2001-2004	30.4	2017 - March 2020	18.0	------	------	======		400% of PL or more	6.0	18.0	200.0	Worse
	100%-199% of PL	2001-2004	31.6	2017 - March 2020	14.7	------	------	======				14.7	145.0	Worse
	200%-399% of PL	2001-2004	18.6	2017 - March 2020	10.7	------	------	======				10.7	78.3	Worse
Health insurance	Any private	2017 - March 2020	8.1	2017 - March 2020	8.1	------	------	======		======	======	======	======	======
	Insured	2017 - March 2020	11.4	2017 - March 2020	11.4	------	------	======		Any private	8.1	11.4	40.7	Worse
	Public only	2017 - March 2020	15.7	2017 - March 2020	15.7	------	------	======				15.7	93.8	Worse
	Uninsured	2017 - March 2020	21.2	2017 - March 2020	21.2	------	------	======				21.2	161.7	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Age	2-5	2001-2004	19.6	2017 - March 2020	11.0	------	------	======		======	======	======	======	======
	6-11	2001-2004	28.6	2017 - March 2020	14.6	------	------	======		2-5	11.0	14.6	32.7	Same
	12-19	2001-2004	19.6	2017 - March 2020	10.6	------	------	======				10.6	-3.6	Same
Gender	Male	2001-2004	23.7	2017 - March 2020	13.1	------	------	======		======	======	======	======	======
	Female	2001-2004	21.6	2017 - March 2020	10.9	------	------	======		Male	13.1	10.9	-16.8	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.42. Children ages 5-17 with untreated dental caries

Source: NHANES

Benchmark: Not available

Data for Disparities are not available

Note: Lower estimates are better for this measure. The measure unit is percentage.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001-2004	23.1	2015-2018	13.0	-3.3	No change	======	======	======	======	======	======
Race	Black	2001-2004	28.7	2015-2018	15.6	-3.5	No change	======	------	------	------	------	------
	White	2001-2004	19.5	2015-2018	11.4	-2.9	No change	======	======	======	======	======	======
Ethnicity	Mexican American	2001-2004	31.5	2015-2018	14.3	-4.5	No change	======	------	------	------	------	------
	Non-Hispanic, Black	2001-2004	28.7	2015-2018	15.6	-3.5	No change	======			------	------	------
	Non-Hispanic, White	2001-2004	19.5	2015-2018	11.4	-2.9	No change	======	======	======	======	======	======
Income	Less than 100% of PL	2001-2004	32.7	2015-2018	19.4	-3.3	Improving	======	------	------	------	------	------
	100%-199% of PL	2001-2004	33.7	2015-2018	16.9	-3.8	No change	======			------	------	------
	200%-399% of PL	2001-2004	18.4	2015-2018	12.1	-2.5	Improving	======			------	------	------
	400% of PL or more	2001-2004	9.5	2015-2018	4.5	-4.4	No change	======	======	======	======	======	======
Age	12-17	2001-2004	17.8	2015-2018	11.0	-2.0	No change	======	------	------	------	------	------
	5-11	2001-2004	27.7	2015-2018	14.8	-4.0	Improving	======	======	======	======	======	======
Gender	Female	2001-2004	21.8	2015-2018	12.6	-3.1	No change	======	------	------	------	------	------
	Male	2001-2004	24.4	2015-2018	13.3	-3.5	No change	======	======	======	======	======	======

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.43. Children ages 3-19 received dental sealants on permanent teeth

Source: NHANES

Benchmark: Not available

Data year for disparities analysis: 2017 - March 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2001-2004	36.2	2017 - March 2020	31.6	-0.5	No change	======	======	======	======	======	======
Race	White	2001-2004	43.1	2017 - March 2020	31.6	0.0	No change	======	======	======	======	======	======
	Asian	2009-2012	37.5	2017 - March 2020	24.5	------	------	======	White	31.6	24.5	10.4	Same
	Black	2001-2004	23.4	2017 - March 2020	24.6	-0.7	No change	======			24.6	10.2	Worse
Ethnicity	Non-Hispanic, White	2001-2004	43.1	2017 - March 2020	31.6	0.0	No change	======	======	======	======	======	======
	Hispanic, all races	2009-2012	34.9	2017 - March 2020	38.4	------	------	======	Non-Hispanic, White	31.6	38.4	-9.9	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Mexican American	2001-2004	27.8	2017 - March 2020	40.2	-1.8	Improving	======				40.2	-12.6	Same
	Non-Hispanic, all races	2001-2004	38.3	2017 - March 2020	29.4	-0.1	No change	======				29.4	3.2	Same
	Non-Hispanic, Asian	2009-2012	37.5	2017 - March 2020	24.5	------	------	======				24.5	10.4	Same
	Non-Hispanic, Black	2001-2004	23.4	2017 - March 2020	24.6	-0.7	No change	======				24.6	10.2	Worse
Income	400% of PL or more	2001-2004	47.5	2017 - March 2020	32.6	0.2	No change	======		======	======	======	======	======
	Less than 100% of PL	2001-2004	27.1	2017 - March 2020	29.8	-1.0	No change	======		400% of PL or more	32.6	29.8	4.2	Same
	100%-199% of PL	2001-2004	28.4	2017 - March 2020	29.9	-1.0	No change	======				29.9	4.0	Same
	200%-399% of PL	2001-2004	41.9	2017 - March 2020	34.3	-0.1	No change	======				34.3	-2.5	Same
Health insurance	Any private	2017 - March 2020	33.0	2017 - March 2020	33.0	------	------	======		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Insured	2017 - March 2020	31.9	2017 - March 2020	31.9	------	------	======		Any private	33.0	31.9	1.6	Same
	Public only	2017 - March 2020	30.6	2017 - March 2020	30.6	------	------	======				30.6	3.6	Same
	Uninsured	2017 - March 2020	26.0	2017 - March 2020	26.0	------	------	======				26.0	10.4	Same
Age	6-11	2001-2004	31.5	2017 - March 2020	28.5	-0.5	No change	======		------	------	------	------	------
	12-19	2001-2004	40.7	2017 - March 2020	34.6	-0.4	No change	======				------	------	------
Gender	Male	2001-2004	35.7	2017 - March 2020	30.1	-0.3	No change	======		======	======	======	======	======
	Female	2001-2004	36.8	2017 - March 2020	33.1	-0.6	No change	======		Male	30.1	33.1	-4.3	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is not a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.44. Children ages 2-17 who received a preventive dental service in the calendar year

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	40.0	2020	40.8	-0.5	No change	======	======	======	======	======	======
Race	AI/AN	2002	36.9	2015	34.7	-1.1	No change	======	------	------	------	------	------
	White	2002	42.8	2020	43.0	-0.5	No change	======	======	======	======	======	======
	Asian	2002	29.7	2020	39.0	-1.1	Improving	======	White	43.0	39.0	7.0	Same
	Black	2002	29.2	2020	30.0	-0.5	No change	======			30.0	22.8	Worse
	Multiple races	2002	34.6	2020	42.6	-0.8	No change	======			42.6	0.7	Same
Ethnicity	Non-Hispanic, White	2002	48.1	2020	48.3	-0.4	No change	======	======	======	======	======	======
	Hispanic, all races	2002	24.8	2020	31.2	-1.3	Improving	======	Non-Hispanic, White	48.3	31.2	33.1	Worse
	Non-Hispanic, all races	2002	43.3	2020	44.2	-0.4	No change	======			44.2	7.9	Same
	Non-Hispanic, Asian	2002	29.6	2020	39.3	-1.0	Improving	======			39.3	17.4	Same
	Non-Hispanic, Black	2002	29.2	2020	30.6	-0.5	No change	======			30.6	34.2	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, others	2002	37.3	2020	46.9	-0.8	No change	======			46.9	2.7	Same
Income	400% of PL or more	2002	56.3	2020	52.6	0.1	No change	======	======	======	======	======	======
	Less than 100% of PL	2002	24.7	2020	27.9	-0.7	No change	======	400% of PL or more	52.6	27.9	52.1	Worse
	100%-199% of PL	2002	27.6	2020	32.4	-1.2	Improving	======			32.4	42.6	Worse
	200%-399% of PL	2002	42.0	2020	39.4	-0.1	No change	======			39.4	27.8	Worse
Health insurance	Any private	2002	47.8	2020	49.2	-0.4	No change	======	======	======	======	======	======
	Public only	2002	26.8	2020	28.4	-0.9	No change	======	Any private	49.2	28.4	40.9	Worse
	Uninsured	2002	16.2	2020	24.3	-0.4	No change	======			24.3	49.0	Worse
Metropolitan status	Large fringe metro	2002	45.7	2020	42.1	-0.1	No change	======	======	======	======	======	======
	Metropolitan	2002	39.7	2020	40.9	-0.6	No change	======	Large fringe metro	42.1	40.9	2.1	Same
	Large central metro	2002	31.6	2020	41.2	-1.0	Improving	======			41.2	1.6	Same
	Medium metro	2002	44.8	2020	40.6	-0.6	No change	======			40.6	2.6	Same
	Small metro	2002	40.5	2020	37.6	-0.1	No change	======			37.6	7.8	Same
	Nonmetropolitan	2002	41.4	2020	40.3	-0.3	No change	======			40.3	3.1	Same
	Micropolitan	2002	46.1	2020	40.9	-0.2	No change	======			40.9	2.1	Same
	Noncore	2002	33.3	2020	39.4	-0.3	No change	======			39.4	4.7	Same
Age	2-5	2002	24.9	2020	33.8	-0.9	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	6-17	2002	44.8	2020	43.0	-0.4	No change	======	2-5	33.8	43.0	-13.9	Better
Gender	Male	2002	39.8	2020	41.9	-0.7	No change	======	======	======	======	======	======
	Female	2002	40.2	2020	39.7	-0.4	No change	======	Male	41.9	39.7	3.8	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.45. Children ages 3-5 who ever had their vision checked by a health provider

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	54.5	2020	67.6	-2.6	Improving	======	======	======	======	======	======
Race	Asian	2012	59.1	2013	77.4	------	------	======	------	------	------	------	------
	Multiple races	2014	68.8	2017	68.6	5.4	No change	======			------	------	------
	White	2002	52.6	2020	67.0	-2.6	Improving	======	======	======	======	======	======
	Black	2002	62.3	2020	68.2	-1.8	Improving	======	White	67.0	68.2	-3.6	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Ethnicity	Non-Hispanic, Asian	2012	59.0	2012	59.0	------	------	======	------	------	------	------	------
	Non-Hispanic, others	2015	77.0	2015	77.0	------	------	======			------	------	------
	Non-Hispanic, White	2002	54.0	2020	66.3	-2.7	Improving	======	======	======	======	======	======
	Hispanic, all races	2002	48.9	2020	67.3	-2.5	Improving	======	Non-Hispanic, White	66.3	67.3	-3.0	Same
	Non-Hispanic, all races	2002	55.8	2020	67.8	-2.6	Improving	======			67.8	-4.5	Same
	Non-Hispanic, Black	2002	61.9	2020	71.4	-1.9	Improving	======			71.4	-15.1	Same
Income	400% of PL or more	2002	63.7	2020	69.0	-2.4	Improving	======	======	======	======	======	======
	Less than 100% of PL	2002	51.4	2020	60.8	-1.9	Improving	======	400% of PL or more	69.0	60.8	26.5	Same
	100%-199% of PL	2002	51.1	2020	64.3	-2.2	Improving	======			64.3	15.2	Same
	200%-399% of PL	2002	51.9	2020	73.0	-3.5	Improving	======			73.0	-12.9	Same
Health insurance	Uninsured	2002	30.9	2002	30.9	------	------	======	------	------	------	------	------
	Any private	2002	56.7	2020	68.9	-2.6	Improving	======	======	======	======	======	======
	Public only	2002	53.7	2020	65.2	-2.4	Improving	======	Any private	68.9	65.2	11.9	Same
Metropolitan status	Micropolitan	2002	52.5	2018	58.9	-1.9	Improving	======	------	------	------	------	------
	Noncore	2003	49.6	2003	49.6	------	------	======			------	------	------

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Large fringe metro	2002	58.4	2020	69.4	-2.6	Improving	======	======	======	======	======	======
	Metropolitan	2002	54.3	2020	68.1	-2.7	Improving	======	Large fringe metro	69.4	68.1	4.2	Same
	Large central metro	2002	52.1	2020	69.0	-3.4	Improving	======			69.0	1.3	Same
	Medium metro	2002	57.3	2020	65.8	-2.2	Improving	======			65.8	11.8	Same
	Small metro	2002	44.0	2020	67.2	-2.2	Improving	======			67.2	7.2	Same
	Nonmetropolitan	2002	55.4	2020	64.4	-2.0	Improving	======			64.4	16.3	Same
Gender	Male	2002	52.8	2020	66.5	-2.7	Improving	======	======	======	======	======	======
	Female	2002	56.2	2020	68.9	-2.5	Improving	======	Male	66.5	68.9	-7.2	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.46. Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	38.8	2020	38.8	-0.5	No change	======	======	======	======	======	======
Race	AI/AN	2002	34.9	2015	53.0	-2.4	Improving	======	------	------	------	------	------
	White	2002	37.3	2020	38.5	-0.6	No change	======	======	======	======	======	======
	Asian	2002	26.3	2020	33.5	-0.7	No change	======	White	38.5	33.5	8.1	Same
	Black	2002	47.4	2020	42.5	-0.2	No change	======			42.5	-6.5	Same
	Multiple races	2002	51.9	2020	39.6	0.3	No change	======			39.6	-1.8	Same
Ethnicity	Non-Hispanic, White	2002	36.0	2020	35.1	-0.4	No change	======	======	======	======	======	======
	Hispanic, all races	2002	42.0	2020	46.2	-0.8	No change	======	Non-Hispanic, White	35.1	46.2	-17.1	Better
	Non-Hispanic, all races	2002	38.1	2020	36.3	-0.4	No change	======			36.3	-1.8	Same
	Non-Hispanic, Asian	2002	25.7	2020	33.4	-0.7	No change	======			33.4	2.6	Same
	Non-Hispanic, Black	2002	47.0	2020	42.7	-0.2	No change	======			42.7	-11.7	Better
	Non-Hispanic, others	2002	46.5	2020	33.4	0.4	No change	======			33.4	2.6	Same
Income	400% of PL or more	2002	30.3	2020	33.3	-0.4	No change	======	======	======	======	======	======
	Less than 100% of PL	2002	49.1	2020	47.4	-0.5	No change	======	400% of PL or more	33.3	47.4	-21.1	Better
	100%-199% of PL	2002	45.6	2020	40.3	-0.5	No change	======			40.3	-10.5	Better
	200%-399% of PL	2002	36.0	2020	39.9	-0.7	No change	======			39.9	-9.9	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Health insurance	Any private	2002	34.9	2020	35.9	-0.4	No change	======	======	======	======	======	======
	Public only	2002	50.4	2020	44.5	-0.2	No change	======	Any private	35.9	44.5	-13.4	Better
	Uninsured	2002	31.1	2020	27.7	-0.1	No change	======			27.7	12.8	Same
Metropolitan status	Large fringe metro	2002	35.7	2020	36.2	-0.5	No change	======	======	======	======	======	======
	Metropolitan	2002	38.7	2020	38.8	-0.5	No change	======	Large fringe metro	36.2	38.8	-4.1	Same
	Large central metro	2002	39.0	2020	40.3	-0.4	No change	======			40.3	-6.4	Same
	Medium metro	2002	41.3	2020	38.0	-0.3	No change	======			38.0	-2.8	Same
	Small metro	2002	39.7	2020	42.2	-0.9	No change	======			42.2	-9.4	Same
	Nonmetropolitan	2002	39.3	2020	39.2	-0.7	No change	======			39.2	-4.7	Same
	Micropolitan	2002	38.6	2020	41.5	-0.9	No change	======			41.5	-8.3	Same
	Noncore	2002	40.6	2020	34.8	-0.4	No change	======			34.8	2.2	Same
Age	0-5	2002	51.0	2020	48.8	-0.5	No change	======	======	======	======	======	======
	6-17	2002	33.1	2020	34.1	-0.5	No change	======	0-5	48.8	34.1	28.7	Worse
Gender	Male	2002	38.1	2020	38.8	-0.5	No change	======	======	======	======	======	======
	Female	2002	39.4	2020	38.9	-0.5	No change	======	Male	38.8	38.9	-0.2	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.47. Children 0-40 lb for whom a health provider gave advice within the past 2 years about using a child safety seat while riding in the car

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	56.7	2020	59.6	-0.7	No change	======		======	======	======	======	======
Race	Asian	2003	58.6	2017	63.2	-0.1	No change	======		------	------	------	------	------
	White	2002	57.8	2020	59.1	-0.8	No change	======		======	======	======	======	======
	Black	2002	56.4	2020	61.4	-0.2	No change	======		White	59.1	61.4	-5.6	Same
	Multiple races	2005	53.4	2020	62.0	-0.7	No change	======				62.0	-7.1	Same
Ethnicity	Non-Hispanic, Asian	2003	58.4	2017	63.2	-0.2	No change	======		------	------	------	------	------
	Non-Hispanic, others	2002	51.6	2018	47.3	-1.4	No change	======				------	------	------
	Non-Hispanic, White	2002	58.5	2020	57.8	-0.9	No change	======		======	======	======	======	======
	Hispanic, all races	2002	55.7	2020	62.8	-0.6	No change	======		Non-Hispanic, White	57.8	62.8	-11.8	Same
	Non-Hispanic, all races	2002	56.9	2020	58.5	-0.8	No change	======				58.5	-1.7	Same
	Non-Hispanic, Black	2002	56.0	2020	62.8	-0.4	No change	======				62.8	-11.8	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	400% of PL or more	2002	62.9	2020	63.2	-0.7	No change	======		======	======	======	======	======
	Less than 100% of PL	2002	50.8	2020	58.0	-1.0	No change	======		400% of PL or more	63.2	58.0	14.1	Same
	100%-199% of PL	2002	57.4	2020	52.2	-0.5	No change	======				52.2	29.9	Worse
	200%-399% of PL	2002	55.5	2020	61.4	-0.7	No change	======				61.4	4.9	Same
Health insurance	Uninsured	2002	45.5	2009	48.3	1.6	No change	======		------	------	------	------	------
	Any private	2002	57.2	2020	60.8	-0.7	No change	======		======	======	======	======	======
	Public only	2002	57.4	2020	57.1	-0.6	No change	======		Any private	60.8	57.1	9.4	Same
Metropolitan status	Noncore	2002	64.7	2013	51.3	2.1	Worsening	======		------	------	------	------	------
	Large fringe metro	2002	59.7	2020	61.4	-0.9	No change	======		======	======	======	======	======
	Metropolitan	2002	56.5	2020	60.4	-0.6	No change	======		Large fringe metro	61.4	60.4	2.6	Same
	Large central metro	2002	54.5	2020	59.9	-0.7	No change	======				59.9	3.9	Same
	Medium metro	2002	54.4	2020	59.3	-0.6	No change	======				59.3	5.4	Same
	Small metro	2002	60.4	2020	61.9	0.1	No change	======				61.9	-1.3	Same
	Nonmetropolitan	2002	57.7	2020	54.4	-1.2	No change	======				54.4	18.1	Same
	Micropolitan	2002	54.0	2020	57.2	-1.9	Improving	======				57.2	10.9	Same
Age	0-5	2002	57.7	2020	60.5	-0.7	No change	======		======	======	======	======	======
	6-17	2002	34.8	2020	43.0	-1.4	Improving	======		0-5	60.5	43.0	44.3	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Gender	Male	2002	57.0	2020	59.1	-0.4	No change	======	======	======	======	======	======
	Female	2002	56.3	2020	60.1	-1.1	Improving	======	Male	59.1	60.1	-2.4	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.48. Children 41-80 lb for whom a health provider gave advice within the past 2 years about using a booster seat when riding in the car

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	26.8	2020	37.9	-1.1	Improving	======	======	======	======	======	======
Race	Asian	2003	24.4	2018	27.1	-1.6	Improving	======	------	------	------	------	------
	White	2002	26.8	2020	39.3	-1.3	Improving	======	======	======	======	======	======
	Black	2002	28.3	2020	33.1	-0.6	No change	======	White	39.3	33.1	10.2	Same
	Multiple races	2006	36.8	2020	40.9	-0.4	No change	======			40.9	-2.6	Same
Ethnicity	Non-Hispanic, Asian	2003	24.7	2018	28.4	-1.7	Improving	======	------	------	------	------	------

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, White	2002	25.7	2020	40.0	-1.3	Improving	======	======	======	======	======	======
	Hispanic, all races	2002	30.6	2020	36.5	-1.1	Improving	======	Non-Hispanic, White	40.0	36.5	5.8	Same
	Non-Hispanic, all races	2002	26.0	2020	38.3	-1.1	Improving	======			38.3	2.8	Same
	Non-Hispanic, Black	2002	28.3	2020	34.5	-0.6	No change	======			34.5	9.2	Same
	Non-Hispanic, others	2002	21.8	2020	38.1	-1.0	No change	======			38.1	3.2	Same
Income	400% of PL or more	2002	29.2	2020	43.3	-1.1	Improving	======	======	======	======	======	======
	Less than 100% of PL	2002	27.6	2020	33.1	-0.9	No change	======	400% of PL or more	43.3	33.1	18.0	Worse
	100%-199% of PL	2002	25.5	2020	30.1	-1.1	Improving	======			30.1	23.3	Worse
	200%-399% of PL	2002	25.4	2020	39.2	-1.2	Improving	======			39.2	7.2	Same
Health insurance	Uninsured	2002	20.4	2013	24.1	-0.8	No change	======	------	------	------	------	------
	Any private	2002	27.3	2020	42.5	-1.3	Improving	======	======	======	======	======	======
	Public only	2002	27.4	2020	31.4	-0.8	No change	======	Any private	42.5	31.4	19.3	Worse
Metropolitan status	Noncore	2002	19.6	2016	24.1	-0.1	No change	======	------	------	------	------	------
	Large fringe metro	2002	30.5	2020	40.4	-1.0	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Metropolitan	2002	27.7	2020	38.9	-1.1	Improving	======	Large fringe metro	40.4	38.9	2.5	Same
	Large central metro	2002	28.5	2020	37.3	-1.0	Improving	======			37.3	5.2	Same
	Medium metro	2002	23.9	2020	41.9	-1.4	Improving	======			41.9	-2.5	Same
	Small metro	2002	25.1	2020	33.7	-1.5	Improving	======			33.7	11.2	Same
	Nonmetropolitan	2002	21.4	2020	30.4	-0.8	No change	======			30.4	16.8	Same
	Micropolitan	2002	22.5	2020	36.8	-1.3	Improving	======			36.8	6.0	Same
Age	0-5	2002	46.8	2020	51.1	-1.2	Improving	======	======	======	======	======	======
	6-17	2002	21.4	2020	34.7	-1.1	Improving	======	0-5	51.1	34.7	33.5	Worse
Gender	Male	2002	26.9	2020	39.8	-1.1	Improving	======	======	======	======	======	======
	Female	2002	26.6	2020	35.8	-1.1	Improving	======	Male	39.8	35.8	6.6	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.49. Children over 80 lb for whom a health provider gave advice within the past 2 years about using lap or shoulder belts when riding in a car

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	26.9	2020	30.3	-0.7	No change	======	======	======	======	======	======
Race	White	2002	26.5	2020	33.1	-0.8	No change	======	======	======	======	======	======
	Asian	2002	24.0	2020	25.2	-0.5	No change	======	White	33.1	25.2	11.8	Same
	Black	2002	28.9	2020	22.9	-0.4	No change	======			22.9	15.2	Worse
	Multiple races	2003	21.8	2020	25.3	-1.1	Improving	======			25.3	11.7	Same
Ethnicity	Non-Hispanic, White	2002	25.9	2020	32.7	-0.6	No change	======	======	======	======	======	======
	Hispanic, all races	2002	29.4	2020	32.8	-1.0	Improving	======	Non-Hispanic, White	32.7	32.8	-0.1	Same
	Non-Hispanic, all races	2002	26.4	2020	29.4	-0.6	No change	======			29.4	4.9	Same
	Non-Hispanic, Asian	2002	24.0	2020	24.9	-0.6	No change	======			24.9	11.6	Same
	Non-Hispanic, Black	2002	28.7	2020	23.4	-0.4	No change	======			23.4	13.8	Worse
	Non-Hispanic, others	2002	26.9	2020	23.7	-0.7	No change	======			23.7	13.4	Same
Income	400% of PL or more	2002	29.9	2020	33.5	-0.4	No change	======	======	======	======	======	======
	Less than 100% of PL	2002	25.4	2020	26.3	-0.6	No change	======	400% of PL or more	33.5	26.3	10.8	Same
	100%-199% of PL	2002	26.5	2020	28.1	-0.9	No change	======			28.1	8.1	Same
	200%-399% of PL	2002	25.2	2020	29.9	-0.9	No change	======			29.9	5.4	Same
Health insurance	Uninsured	2002	21.6	2018	16.3	-0.5	No change	======	------	------	------	------	------

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Any private	2002	27.4	2020	32.3	-0.7	No change	======	======	======	======	======	======
	Public only	2002	27.5	2020	28.5	-0.7	No change	======	Any private	32.3	28.5	5.6	Same
Metropolitan status	Noncore	2002	20.4	2018	24.1	-0.8	No change	======	------	------	------	------	------
	Large fringe metro	2002	30.4	2020	33.7	-0.8	No change	======	======	======	======	======	======
	Metropolitan	2002	28.0	2020	31.2	-0.7	No change	======	Large fringe metro	33.7	31.2	3.8	Same
	Large central metro	2002	28.4	2020	30.5	-0.4	No change	======			30.5	4.8	Same
	Medium metro	2002	28.2	2020	27.6	-0.7	No change	======			27.6	9.2	Same
	Small metro	2002	18.8	2020	34.1	-1.5	Improving	======			34.1	-0.6	Same
	Nonmetropolitan	2002	20.8	2020	24.5	-0.5	No change	======			24.5	13.9	Same
	Micropolitan	2002	20.9	2020	30.7	-0.5	No change	======			30.7	4.5	Same
Age	6-17	2002	26.9	2020	30.3	-0.7	No change	======	------	------	------	------	------
Gender	Male	2002	26.0	2020	30.0	-0.7	No change	======	======	======	======	======	======
	Female	2002	27.9	2020	30.7	-0.7	No change	======	Male	30.0	30.7	-1.0	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.50. Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	31.2	2020	33.6	-0.5	No change	======	======	======	======	======	======
Race	AI/AN	2008	31.1	2015	31.8	-0.2	No change	======	------	------	------	------	------
	White	2002	31.5	2020	35.4	-0.5	No change	======	======	======	======	======	======
	Asian	2002	29.2	2020	29.9	-0.6	No change	======	White	35.4	29.9	8.5	Same
	Black	2002	30.5	2020	26.1	-0.1	No change	======			26.1	14.4	Worse
	Multiple races	2002	32.3	2020	36.0	-0.7	No change	======			36.0	-0.9	Same
Ethnicity	Non-Hispanic, White	2002	32.3	2020	35.4	-0.4	No change	======	======	======	======	======	======
	Hispanic, all races	2002	29.1	2020	34.8	-0.9	No change	======	Non-Hispanic, White	35.4	34.8	0.9	Same
	Non-Hispanic, all races	2002	31.6	2020	33.1	-0.3	No change	======			33.1	3.6	Same
	Non-Hispanic, Asian	2002	29.1	2020	29.7	-0.7	No change	======			29.7	8.8	Same
	Non-Hispanic, Black	2002	30.2	2020	26.9	-0.1	No change	======			26.9	13.2	Worse
	Non-Hispanic, others	2002	27.5	2020	32.2	-0.5	No change	======			32.2	5.0	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	400% of PL or more	2002	37.2	2020	35.6	-0.1	No change	======	======	======	======	======	======
	Less than 100% of PL	2002	27.1	2020	28.8	-0.5	No change	======	400% of PL or more	35.6	28.8	10.6	Worse
	100%-199% of PL	2002	28.8	2020	31.0	-0.5	No change	======			31.0	7.1	Same
	200%-399% of PL	2002	29.7	2020	35.3	-0.7	No change	======			35.3	0.5	Same
Health insurance	Uninsured	2002	18.9	2018	16.9	-0.3	No change	======	------	------	------	------	------
	Any private	2002	33.5	2020	35.8	-0.4	No change	======	======	======	======	======	======
	Public only	2002	28.8	2020	31.5	-0.6	No change	======	Any private	35.8	31.5	6.7	Same
Metropolitan status	Large fringe metro	2002	37.3	2020	36.1	-0.4	No change	======	======	======	======	======	======
	Metropolitan	2002	32.5	2020	34.8	-0.5	No change	======	Large fringe metro	36.1	34.8	2.0	Same
	Large central metro	2002	32.5	2020	34.2	-0.3	No change	======			34.2	3.0	Same
	Medium metro	2002	31.7	2020	35.0	-0.5	No change	======			35.0	1.7	Same
	Small metro	2002	19.5	2020	32.5	-1.0	Improving	======			32.5	5.6	Same
	Nonmetropolitan	2002	23.4	2020	25.3	-0.3	No change	======			25.3	16.9	Worse
	Micropolitan	2002	24.7	2020	30.0	-0.5	No change	======			30.0	9.5	Same
	Noncore	2002	21.3	2020	16.8	-0.1	No change	======			16.8	30.2	Worse
Age	2-5	2002	32.8	2020	35.0	-0.4	No change	======	======	======	======	======	======
	6-17	2002	30.6	2020	33.1	-0.5	No change	======	2-5	35.0	33.1	2.9	Same
Gender	Male	2002	31.3	2020	33.3	-0.4	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Female	2002	30.9	2020	33.9	-0.5	No change	======	Male	33.3	33.9	-0.9	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.51. Children ages 0-17 with a wellness checkup in the past 12 months

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2019	93.8	2021	89.0	------	------	======	======	======	======	======	======
Race	White	2019	93.6	2021	88.8	------	------	======	======	======	======	======	======
	AI/AN	2019	92.8	2021	83.8	------	------	======	White	88.8	83.8	44.6	Same
	Asian	2019	94.5	2021	87.9	------	------	======			87.9	8.0	Same
	Black	2019	95.3	2021	92.0	------	------	======			92.0	-28.6	Better
	Multiple races	2019	93.6	2021	90.3	------	------	======			90.3	-13.4	Same
Ethnicity	Non-Hispanic, White	2019	93.8	2021	89.5	------	------	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Hispanic, all races	2019	93.5	2021	86.8	------	------	======	Non-Hispanic, White	89.5	86.8	25.7	Worse
	Non-Hispanic, all races	2019	93.9	2021	89.8	------	------	======			89.8	-2.9	Same
	Non-Hispanic, AI/AN	2021	86.2	2021	86.2	------	------	======			86.2	31.4	Same
	Non-Hispanic, Asian	2021	88.1	2021	88.1	------	------	======			88.1	13.3	Same
	Non-Hispanic, Black	2019	95.3	2021	91.9	------	------	======			91.9	-22.9	Same
	Non-Hispanic, multiple races	2021	91.0	2021	91.0	------	------	======			91.0	-14.3	Same
Income	400% of PL or more	2019	95.0	2021	90.7	------	------	======	======	======	======	======	======
	Less than 100% of PL	2019	94.3	2021	88.0	------	------	======	400% of PL or more	90.7	88.0	29.0	Worse
	100%-199% of PL	2019	93.4	2021	88.2	------	------	======			88.2	26.9	Worse
	200%-399% of PL	2019	92.7	2021	88.5	------	------	======			88.5	23.7	Worse
Health insurance	Any private	2019	94.6	2021	89.9	------	------	======	======	======	======	======	======
	Public only	2019	95.2	2021	90.2	------	------	======	Any private	89.9	90.2	-3.0	Same
	Uninsured	2019	74.1	2021	64.8	------	------	======			64.8	248.5	Worse
Metropolitan status	Large fringe metro	2019	94.9	2021	90.2	------	------	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Metropolitan	2019	94.2	2021	89.5	------	------	======	Large fringe metro	90.2	89.5	7.1	Same
	Large central metro	2019	93.8	2021	89.1	------	------	======			89.1	11.2	Same
	Medium metro	2019	94.1	2021	89.1	------	------	======			89.1	11.2	Same
	Small metro	2019	93.6	2021	89.9	------	------	======			89.9	3.1	Same
	Micropolitan (nonmetro)	2019	91.4	2021	87.4	------	------	======			87.4	28.6	Same
	Noncore (nonmetro)	2019	91.7	2021	83.5	------	------	======			83.5	68.4	Worse
Age	0-5	2019	97.1	2021	94.9	------	------	======	======	======	======	======	======
	6-11	2019	92.9	2021	87.7	------	------	======	0-5	94.9	87.7	141.2	Worse
	12-17	2019	91.5	2021	84.9	------	------	======			84.9	196.1	Worse
Gender	Male	2019	93.6	2021	89.3	------	------	======	======	======	======	======	======
	Female	2019	94.0	2021	88.8	------	------	======	Male	89.3	88.8	4.7	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.52. Long-stay nursing home patients who were assessed and appropriately given the seasonal influenza vaccine

Source: MDS

Benchmark: 93.9 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	90.0	2021	90.8	-3.2	Improving	11 years	======	======	======	======	======
Race	White	2013	90.8	2021	91.5	-2.9	Improving	10 years	======	======	======	======	======
	AI/AN	2013	90.3	2021	91.5	-4.0	Improving	7 years	White	91.5	91.5	0.0	Same
	Asian	2013	90.8	2021	93.4	-6.4	Improving	1 years			93.4	-22.4	Better
	NHPI	2013	90.8	2021	88.7	-2.4	No change	No progress			88.7	32.9	Worse
	Black	2013	86.3	2021	86.8	-3.0	Improving	20 years			86.8	55.3	Worse
	Multiple races	2013	89.4	2021	93.6	-6.9	Improving	1 years			93.6	-24.7	Better
Ethnicity	Non-Hispanic, White	2013	90.8	2021	91.5	-2.9	Improving	10 years	======	======	======	======	======
	Hispanic, all races	2013	88.0	2021	92.4	-8.8	Improving	2 years	Non-Hispanic, White	91.5	92.4	-10.6	Better
	Non-Hispanic, AI/AN	2013	90.3	2021	91.5	-4.0	Improving	7 years			91.5	0.0	Same
	Non-Hispanic, Asian	2013	90.8	2021	93.4	-6.4	Improving	1 years			93.4	-22.4	Better
	Non-Hispanic, NHPI	2013	90.8	2021	88.7	-2.4	No change	No progress			88.7	32.9	Worse
	Non-Hispanic, Black	2013	86.3	2021	86.8	-3.0	Improving	20 years			86.8	55.3	Worse
	Non-Hispanic, multiple races	2013	89.4	2021	93.6	-6.9	Improving	1 years			93.6	-24.7	Better
Metropolitan status	Metropolitan	2013	89.2	2021	90.2	-3.5	Improving	12 years	======	======	======	======	======
	Non-Metropolitan	2013	92.5	2021	92.7	-2.1	Improving	No progress	Metropolitan	90.2	92.7	-25.5	Better
Age	0-64	2013	88.3	2021	88.4	-2.5	Improving	No progress	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	65-74	2013	88.9	2021	89.9	-3.4	Improving	12 years		0-64	88.4	89.9	-12.9	Better
	75-84	2013	90.0	2021	91.2	-3.6	Improving	9 years				91.2	-24.1	Better
	85 and over	2013	90.9	2021	92.3	-4.1	Improving	5 years				92.3	-33.6	Better
Gender	Male	2013	89.6	2021	90.0	-2.7	Improving	No progress		======	======	======	======	======
	Female	2013	90.2	2021	91.3	-3.6	Improving	9 years		Male	90.0	91.3	-13.0	Better

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.53. Long-stay nursing home residents who were assessed for pneumococcal vaccination

Source: MDS

Benchmark: 97.0 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	93.8	2021	90.4	5.9	Worsening	No progress		======	======	======	======	======
Race	White	2013	94.6	2021	91.0	7.2	Worsening	No progress		======	======	======	======	======
	AI/AN	2013	92.6	2021	90.8	2.1	No change	No progress		White	91.0	90.8	2.2	Same
	Asian	2013	94.5	2021	92.2	4.4	Worsening	No progress				92.2	-13.3	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	NHPI	2013	93.5	2021	91.8	5.0	Worsening	No progress			91.8	-8.9	Same
	Black	2013	90.9	2021	87.6	3.5	Worsening	No progress			87.6	37.8	Worse
	Multiple races	2013	91.9	2021	91.2	1.3	No change	No progress			91.2	-2.2	Same
Ethnicity	Non-Hispanic, White	2013	94.6	2021	91.0	7.2	Worsening	No progress	======	======	======	======	======
	Hispanic, all races	2013	91.3	2021	91.6	-0.9	No change	No progress	Non-Hispanic, White	91.0	91.6	-6.7	Same
	Non-Hispanic, AI/AN	2013	92.6	2021	90.8	2.1	No change	No progress			90.8	2.2	Same
	Non-Hispanic, Asian	2013	94.5	2021	92.2	4.4	Worsening	No progress			92.2	-13.3	Better
	Non-Hispanic, NHPI	2013	93.5	2021	91.8	5.0	Worsening	No progress			91.8	-8.9	Same
	Non-Hispanic, Black	2013	90.9	2021	87.6	3.5	Worsening	No progress			87.6	37.8	Worse
	Non-Hispanic, multiple races	2013	91.9	2021	91.2	1.3	No change	No progress			91.2	-2.2	Same
Metropolitan status	Metropolitan	2013	93.3	2021	89.9	5.3	Worsening	No progress	======	======	======	======	======
	Non-Metropolitan	2013	95.5	2021	92.4	7.7	Worsening	No progress	Metropolitan	89.9	92.4	-24.8	Better
Age	0-64	2013	91.0	2021	87.5	3.7	Worsening	No progress	======	======	======	======	======
	65-74	2013	92.8	2021	89.3	5.2	Worsening	No progress	0-64	87.5	89.3	-14.4	Better
	75-84	2013	94.0	2021	90.9	5.8	Worsening	No progress			90.9	-27.2	Better
	85 and over	2013	95.2	2021	92.6	6.4	Worsening	No progress			92.6	-40.8	Better
Gender	Male	2013	92.8	2021	89.0	5.2	Worsening	No progress	======	======	======	======	======
	Female	2013	94.3	2021	91.2	6.2	Worsening	No progress	Male	89.0	91.2	-20.0	Better

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.54. Short-stay nursing home patients who had flu vaccination appropriately given

Source: MDS

Benchmark: 92.2 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	86.8	2021	79.7	3.5	Worsening	No progress	======	======	======	======	======
Race	White	2013	88.3	2021	81.6	3.8	Worsening	No progress	======	======	======	======	======
	AI/AN	2013	84.9	2021	78.9	3.4	Worsening	No progress	White	81.6	78.9	14.7	Worse
	Asian	2013	83.8	2021	83.0	-2.5	No change	No progress			83.0	-7.6	Same
	NHPI	2013	83.3	2021	78.7	1.8	No change	No progress			78.7	15.8	Worse
	Black	2013	79.3	2021	69.2	3.2	Worsening	No progress			69.2	67.4	Worse
	Multiple races	2013	86.6	2021	82.0	-0.1	No change	No progress			82.0	-2.2	Same
Ethnicity	Non-Hispanic, White	2013	88.3	2021	81.6	3.8	Worsening	No progress	======	======	======	======	======
	Hispanic, all races	2013	78.6	2021	80.2	-3.3	Improving	19 years	Non-Hispanic, White	81.6	80.2	7.6	Same
	Non-Hispanic, AI/AN	2013	84.9	2021	78.9	3.4	Worsening	No progress			78.9	14.7	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Asian	2013	83.8	2021	83.0	-2.5	No change	No progress			83.0	-7.6	Same
	Non-Hispanic, NHPI	2013	83.3	2021	78.7	1.8	No change	No progress			78.7	15.8	Worse
	Non-Hispanic, Black	2013	79.3	2021	69.2	3.2	Worsening	No progress			69.2	67.4	Worse
	Non-Hispanic, multiple races	2013	86.6	2021	82.0	-0.1	No change	No progress			82.0	-2.2	Same
Metropolitan status	Metropolitan	2013	86.3	2021	79.3	3.4	Worsening	No progress	======	======	======	======	======
	Non-Metropolitan	2013	89.0	2021	82.6	3.8	Worsening	No progress	Metropolitan	79.3	82.6	-15.9	Better
Age	0-64	2013	81.4	2021	71.2	3.8	Worsening	No progress	======	======	======	======	======
	65-74	2013	86.1	2021	78.3	3.8	Worsening	No progress	0-64	71.2	78.3	-24.7	Better
	75-84	2013	87.8	2021	81.4	3.3	Worsening	No progress			81.4	-35.4	Better
	85 and over	2013	88.5	2021	83.2	2.8	No change	No progress			83.2	-41.7	Better
Gender	Male	2013	85.7	2021	78.2	3.4	Worsening	No progress	======	======	======	======	======
	Female	2013	87.5	2021	80.8	3.5	Worsening	No progress	Male	78.2	80.8	-11.9	Better

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.55. Short-stay nursing home residents who were assessed for pneumococcal vaccination

Source: MDS

Benchmark: 91.4 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	85.6	2021	81.2	1.9	No change	No progress	======	======	======	======	======
Race	White	2013	87.0	2021	82.4	2.4	Worsening	No progress	======	======	======	======	======
	AI/AN	2013	81.5	2021	81.2	-0.6	No change	No progress	White	82.4	81.2	6.8	Same
	Asian	2013	81.9	2021	84.0	-3.9	Improving	12 years			84.0	-9.1	Same
	NHPI	2013	84.2	2021	82.0	0.3	No change	No progress			82.0	2.3	Same
	Black	2013	80.4	2021	74.5	1.8	Worsening	No progress			74.5	44.9	Worse
	Multiple races	2013	83.9	2021	84.0	-3.3	Improving	No progress			84.0	-9.1	Same
Ethnicity	Non-Hispanic, White	2013	87.0	2021	82.4	2.4	Worsening	No progress	======	======	======	======	======
	Hispanic, all races	2013	80.8	2021	84.8	-4.7	Improving	8 years	Non-Hispanic, White	82.4	84.8	-13.6	Better
	Non-Hispanic, AI/AN	2013	81.5	2021	81.2	-0.6	No change	No progress			81.2	6.8	Same
	Non-Hispanic, Asian	2013	81.9	2021	84.0	-3.9	Improving	12 years			84.0	-9.1	Same
	Non-Hispanic, NHPI	2013	84.2	2021	82.0	0.3	No change	No progress			82.0	2.3	Same
	Non-Hispanic, Black	2013	80.4	2021	74.5	1.8	Worsening	No progress			74.5	44.9	Worse
	Non-Hispanic, multiple races	2013	83.9	2021	84.0	-3.3	Improving	No progress			84.0	-9.1	Same
Metropolitan status	Metropolitan	2013	85.4	2021	81.2	1.7	No change	No progress	======	======	======	======	======
	Non-Metropolitan	2013	86.7	2021	81.3	2.9	Worsening	No progress	Metropolitan	81.2	81.3	-0.5	Same
Age	0-64	2013	80.5	2021	75.8	1.3	No change	No progress	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	65-74	2013	85.8	2021	80.7	2.4	Worsening	No progress	0-64	75.8	80.7	-20.2	Better
	75-84	2013	86.9	2021	82.8	1.8	No change	No progress			82.8	-28.9	Better
	85 and over	2013	86.9	2021	83.2	1.6	No change	No progress			83.2	-30.6	Better
Gender	Male	2013	84.3	2021	80.1	1.5	No change	No progress	======	======	======	======	======
	Female	2013	86.5	2021	82.1	2.1	No change	No progress	Male	80.1	82.1	-10.1	Better

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.56. Home health care patients who had influenza vaccination during flu season

Source: OASIS

Benchmark: 94.1 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2015	87.3	2021	93.7	-9.2	No change	No progress	======	======	======	======	======
Race	White	2015	89.0	2021	94.4	-8.5	No change	No progress	======	======	======	======	======
	AI/AN	2015	84.6	2021	91.7	-8.0	No change	No progress	White	94.4	91.7	48.2	Worse
	Asian	2015	84.6	2021	92.5	-10.4	Improving	No progress			92.5	33.9	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	NHPI	2015	85.9	2021	92.9	-8.7	No change	No progress				92.9	26.8	Worse
	Black	2015	82.8	2021	91.9	-10.1	Improving	No progress				91.9	44.6	Worse
	Multiple races	2015	84.6	2021	92.3	-9.6	No change	No progress				92.3	37.5	Worse
Ethnicity	Non-Hispanic, White	2015	89.0	2021	94.4	-8.5	No change	No progress		======	======	======	======	======
	Hispanic, all races	2015	78.8	2021	90.4	-11.4	Improving	2 years		Non-Hispanic, White	94.4	90.4	71.4	Worse
	Non-Hispanic, AI/AN	2015	84.6	2021	91.7	-8.0	No change	No progress				91.7	48.2	Worse
	Non-Hispanic, Asian	2015	84.6	2021	92.5	-10.4	Improving	No progress				92.5	33.9	Worse
	Non-Hispanic, NHPI	2015	85.9	2021	92.9	-8.7	No change	No progress				92.9	26.8	Worse
	Non-Hispanic, Black	2015	82.8	2021	91.9	-10.1	Improving	No progress				91.9	44.6	Worse
	Non-Hispanic, multiple races	2015	84.6	2021	92.3	-9.6	No change	No progress				92.3	37.5	Worse
Age	0-64	2015	84.2	2021	92.0	-9.1	No change	No progress		======	======	======	======	======
	65-74	2015	87.2	2021	93.6	-9.1	No change	No progress		0-64	92.0	93.6	-20.0	Better
	75-84	2015	87.8	2021	94.1	-9.5	No change	No progress				94.1	-26.3	Better
	85 and over	2015	88.5	2021	94.3	-9.1	No change	No progress				94.3	-28.8	Better
Gender	Male	2015	87.1	2021	93.6	-9.0	No change	No progress		======	======	======	======	======
	Female	2015	87.4	2021	93.8	-9.3	No change	No progress		Male	93.6	93.8	-3.1	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 8.5.57. Home health care patients who had pneumococcal polysaccharide vaccination

Source: OASIS

Benchmark: 83.8 in 2015

Data year for disparities analysis: 2021

Note: Higher estimates (percentages) are better for this measure. Percentages were flipped to negative direction for calculations.

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2015	84.0	2021	81.1	2.9	Worsening	No progress	======	======	======	======	======
Race	White	2015	75.1	2021	82.9	-8.3	No change	No progress	======	======	======	======	======
	AI/AN	2015	82.1	2021	77.1	5.2	Worsening	No progress	White	82.9	77.1	33.9	Worse
	Asian	2015	83.5	2021	81.1	3.0	No change	No progress			81.1	10.5	Worse
	NHPI	2015	75.2	2021	75.5	-1.9	No change	No progress			75.5	43.3	Worse
	Black	2015	81.8	2021	74.0	7.3	Worsening	No progress			74.0	52.0	Worse
	Multiple races	2015	86.2	2021	77.9	9.4	Worsening	No progress			77.9	29.2	Worse
Ethnicity	Non-Hispanic, White	2015	75.1	2021	82.9	-8.3	No change	No progress	======	======	======	======	======
	Hispanic, all races	2015	81.1	2021	73.5	8.2	Worsening	No progress	Non-Hispanic, White	82.9	73.5	55.0	Worse
	Non-Hispanic, AI/AN	2015	82.1	2021	77.1	5.2	Worsening	No progress			77.1	33.9	Worse
	Non-Hispanic, Asian	2015	83.5	2021	81.1	3.0	No change	No progress			81.1	10.5	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, NHPI	2015	75.2	2021	75.5	-1.9	No change	No progress			75.5	43.3	Worse
	Non-Hispanic, Black	2015	81.8	2021	74.0	7.3	Worsening	No progress			74.0	52.0	Worse
	Non-Hispanic, multiple races	2015	86.2	2021	77.9	9.4	Worsening	No progress			77.9	29.2	Worse
Age	0-64	2015	64.8	2021	68.0	-2.2	No change	No progress	======	======	======	======	======
	65-74	2015	84.0	2021	78.9	4.9	Worsening	No progress	0-64	68.0	78.9	-34.1	Better
	75-84	2015	88.1	2021	83.5	6.0	Worsening	No progress			83.5	-48.4	Better
	85 and over	2015	89.8	2021	85.2	7.0	Worsening	Reached, getting worse			85.2	-53.8	Better
Gender	Male	2015	84.5	2021	80.2	4.6	Worsening	No progress	======	======	======	======	======
	Female	2015	83.1	2021	81.6	1.1	No change	No progress	Male	80.2	81.6	-7.1	Same

------ : Data were not available or reliable for the analysis. Subgroups without valid data in any year are not listed.

====== : Not applicable.

This measure is a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.