

2023 National Healthcare Quality and Disparities Report

Appendix B. Quality Trends and Disparities Tables: COVID-19 Experiences

SARS-CoV-2, the virus that causes COVID-19, spreads through respiratory droplets transmitted by an infected person when they sneeze, cough, speak, sing, laugh, or breathe. The virus enters the human body by invading epithelial cells in exposed mucous membranes, such as in the respiratory tract. Once infected, people may respond in different ways, ranging from having no symptoms to dying from it.

A small percentage of infected people would go on to develop severe disease, which manifested as severe shortness of breath, need for supplemental oxygen, or pneumonia requiring hospitalization. An even smaller percentage would develop critical symptoms that required transfer to an intensive care unit for interventions such as life support on a mechanical ventilator.

Of 1.3 million U.S. cases reported to the Centers for Disease Control and Prevention through May 2020, 14% were hospitalized, 2% were admitted to an intensive care unit, and 5% died.

In addition to its direct effects, COVID-19's transmissibility produced a surge in demand for healthcare services by people with severe and critical illness that overwhelmed many healthcare delivery organizations in communities affected by the disease. In addition, care for severe cases of COVID-19 strained hospital capacity and hindered their ability to treat people with other illnesses.

Importance

Mortality

COVID-19 Deaths (2022).....244,986ⁱ

Prevalence

COVID-19 Cases 104 millionⁱⁱ

Cost

Lost GDP \$7.6 billion

Health Loss

Premature Death..... \$4.4 billion

Long-Term Health Impairment..... \$2.6 billion

Mental Health Impairment.....\$1.6 billionⁱⁱⁱ

Key Findings

COVID-19 measures that showed large disparities include:

- COVID-19 deaths per 100,000 population.
- Inability to access needed care for substance use treatment due to the COVID-19 pandemic, resulting in moderate to severe impact on health.
- Not receiving needed care from a family member or friend because of the COVID-19 pandemic.
- Delayed prescriptions for substance use treatment due to the COVID-19 pandemic.
- Not receiving nurse or professional home health care because of the COVID-19 pandemic.

COVID-19 measures were not trended over time or assessed for overall improvement or worsening or worsening disparities.



References

1. Ahmad FB, Cisewski JA, Xu J, Anderson RN. Provisional mortality data - United States, 2022. *MMWR Morb Mortal Wkly Rep.* 2023 May 5;72(18):488-492. https://www.cdc.gov/mmwr/volumes/72/wr/mm7218a3.htm?s_cid=mm7218a3_w. Accessed October 10, 2023.
2. Silk BJ, Scobie HM, Duck WM, et al. COVID-19 Surveillance After Expiration of the Public Health Emergency Declaration — United States, May 11, 2023. *MMWR Morb Mortal Wkly Rep.* 2023;72:523-528. https://www.cdc.gov/mmwr/volumes/72/wr/mm7219e1.htm?s_cid=mm7219e1_w. Accessed October 10, 2023.
3. Cutler DM, Summers LH. The COVID-19 Pandemic and the \$16 Trillion Virus. *JAMA.* 2020;324(15):1495-1496. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7604733/>. Accessed October 10, 2023.

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Appendix Table 1.1.1. COVID-19 cases per 100,000 population

Source: CDC_COVID

Benchmark: Not available

Data year for disparities analysis: 2022

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	2020	6103.0	2022	12204.0	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2020	3197.0	2022	7039.0	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic/Latino	2020	3682.0	2022	5986.7	-----	-----	=====	Non-Hispanic, White	7039.0	5986.7	-14.9	-----
	Non-Hispanic, AI/AN	2020	3289.0	2022	5839.5	-----	-----	=====			5839.5	-17.0	-----
	Non-Hispanic, Asian	2020	1676.0	2022	7430.8	-----	-----	=====			7430.8	5.6	-----
	Non-Hispanic, NHPI	2020	1783.0	2022	4823.8	-----	-----	=====			4823.8	-31.5	-----
	Non-Hispanic, Black	2020	3137.0	2022	7191.3	-----	-----	=====			7191.3	2.2	-----

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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/other	2020	1690.0	2022	6243.6	-----	-----	=====			6243.6	-11.3	-----
Age	18-49	2020	7824.0	2022	13937.9	-----	-----	=====	=====	=====	=====	=====	=====
	0-17	2020	2903.0	2022	10037.0	-----	-----	=====	18-49	13937.9	10037.0	-28.0	-----
	50-64	2020	6444.0	2022	11443.1	-----	-----	=====			11443.1	-17.9	-----
	65 and over	2020	5063.0	2022	10290.3	-----	-----	=====			10290.3	-26.2	-----
Gender	Male	2020	5651.0	2022	10584.7	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2020	6070.0	2022	12866.6	-----	-----	=====	Male	10584.7	12866.6	21.6	-----

----- : 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 1.1.2. COVID-19 cases with hospital admissions

Source: CDC_COVID

Benchmark: Not available

Data year for disparities analysis: 2022

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	5.4	2022	1.8	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2020	6.3	2022	2.6	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic/Latino	2020	6.4	2022	1.6	-----	-----	=====	Non-Hispanic, White	2.6	1.6	-39.8	-----
	Non-Hispanic, AI/AN	2020	8.8	2022	2.0	-----	-----	=====			2.0	-22.7	-----
	Non-Hispanic, Asian	2020	8.6	2022	1.4	-----	-----	=====			1.4	-46.6	-----
	Non-Hispanic, NHPI	2020	6.8	2022	1.0	-----	-----	=====			1.0	-62.5	-----
	Non-Hispanic, Black	2020	10.3	2022	2.6	-----	-----	=====			2.6	-2.3	-----
	Non-Hispanic, multiple races/other	2020	5.2	2022	1.3	-----	-----	=====			1.3	-51.9	-----
Age	18-49	2020	2.3	2022	0.7	-----	-----	=====	=====	=====	=====	=====	=====
	0-17	2020	0.9	2022	0.6	-----	-----	=====	18-49	0.7	0.6	-25.7	-----
	50-64	2020	6.8	2022	1.9	-----	-----	=====			1.9	152.7	-----
	65 and over	2020	18.2	2022	7.2	-----	-----	=====			7.2	873.0	-----
Gender	Male	2020	5.9	2022	2.0	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2020	4.9	2022	1.7	-----	-----	=====	Male	2.0	1.7	-14.8	-----

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

----- : 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 1.1.3. Hospital admissions for COVID-19 per 100,000 population

Source: CDC_COVID

Benchmark: Not available

Data year for disparities analysis: 2022

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	2020	328.3	2022	224.2	-----	-----	=====	-----	-----	-----	-----	-----
Ethnicity	Non-Hispanic, White	2020	201.7	2022	185.9	-----	-----	=====	-----	-----	-----	-----	-----
	Hispanic/Latino	2020	237.1	2022	95.3	-----	-----	=====	Non-Hispanic, White	185.9	95.3	-48.7	-----
	Non-Hispanic, AI/AN	2020	289.1	2022	119.4	-----	-----	=====			119.4	-35.8	-----
	Non-Hispanic, Asian	2020	144.3	2022	104.4	-----	-----	=====			104.4	-43.8	-----
	Non-Hispanic, NHPI	2020	121.8	2022	47.6	-----	-----	=====			47.6	-74.4	-----

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	323.1	2022	185.4	-----	-----	=====			185.4	-0.3	-----
	Non-Hispanic, multiple races/other	2020	88.1	2022	79.5	-----	-----	=====			79.5	-57.2	-----
Age	18-49	2020	183.4	2022	103.8	-----	-----	=====	=====	=====	=====	=====	=====
	0-17	2020	25.9	2022	54.8	-----	-----	=====	18-49	103.8	54.8	-47.2	-----
	50-64	2020	439.9	2022	214.5	-----	-----	=====			214.5	106.6	-----
	65 and over	2020	922.9	2022	740.4	-----	-----	=====			740.4	613.3	-----
Gender	Male	2020	333.3	2022	214.9	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2020	297.6	2022	222.4	-----	-----	=====	Male	214.9	222.4	3.5	-----

----- : 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 1.1.4. Adults who ever had COVID-19

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2021

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	13.6	2021	13.6	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	13.7	2021	13.7	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	6.9	2021	6.9	-----	-----	=====	White	13.7	6.9	-49.6	Better
	Black	2021	13.2	2021	13.2	-----	-----	=====			13.2	-3.6	Same
	Multiple races	2021	12.7	2021	12.7	-----	-----	=====			12.7	-7.3	Same
Ethnicity	Non-Hispanic, White	2021	12.7	2021	12.7	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	19.6	2021	19.6	-----	-----	=====	Non-Hispanic, White	12.7	19.6	54.3	Worse
	Non-Hispanic, all races	2021	12.3	2021	12.3	-----	-----	=====			12.3	-3.1	Same
	Non-Hispanic, Asian	2021	7.0	2021	7.0	-----	-----	=====			7.0	-44.9	Better
	Non-Hispanic, Black	2021	12.8	2021	12.8	-----	-----	=====			12.8	0.8	Same
	Non-Hispanic, multiple races	2021	11.2	2021	11.2	-----	-----	=====			11.2	-11.8	Same
Income	400% of PL or more	2021	12.4	2021	12.4	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	15.0	2021	15.0	-----	-----	=====	400% of PL or more	12.4	15.0	21.0	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	14.3	2021	14.3	-----	-----	=====			14.3	15.3	Worse
	200%-399% of PL	2021	14.4	2021	14.4	-----	-----	=====			14.4	16.1	Worse
Health insurance	Any private	2021	15.3	2021	15.3	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	13.9	2021	13.9	-----	-----	=====	Any private	15.3	13.9	-9.2	Same
	Uninsured	2021	15.9	2021	15.9	-----	-----	=====			15.9	3.9	Same
Metropolitan status	Large fringe metro	2021	13.4	2021	13.4	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	13.2	2021	13.2	-----	-----	=====	Large fringe metro	13.4	13.2	-1.5	Same
	Large central metro	2021	13.3	2021	13.3	-----	-----	=====			13.3	-0.7	Same
	Medium metro	2021	13.2	2021	13.2	-----	-----	=====			13.2	-1.5	Same
	Small metro	2021	12.7	2021	12.7	-----	-----	=====			12.7	-5.2	Same
	Micropolitan (nonmetro)	2021	15.6	2021	15.6	-----	-----	=====			15.6	16.4	Same
	Noncore (nonmetro)	2021	16.2	2021	16.2	-----	-----	=====			16.2	20.9	Worse
Age	18-44	2021	16.3	2021	16.3	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	13.3	2021	13.3	-----	-----	=====	18-44	16.3	13.3	-18.4	Better

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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 and over	2021	8.3	2021	8.3	-----	-----	=====			8.3	-49.1	Better
Disability status	Without disability	2021	13.7	2021	13.7	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	11.7	2021	11.7	-----	-----	=====	Without disability	13.7	11.7	-14.6	Better
Gender	Male	2021	13.0	2021	13.0	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	14.1	2021	14.1	-----	-----	=====	Male	13.0	14.1	8.5	Same
Education	At least some college	2021	12.3	2021	12.3	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	13.9	2021	13.9	-----	-----	=====	At least some college	12.3	13.9	13.0	Same
	High school graduate	2021	14.7	2021	14.7	-----	-----	=====			14.7	19.5	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 1.1.5. Children who ever had COVID-19

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2021

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	2021	9.1	2021	9.1	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	9.5	2021	9.5	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	5.1	2021	5.1	-----	-----	=====	White	9.5	5.1	-46.3	Better
	Black	2021	7.9	2021	7.9	-----	-----	=====			7.9	-16.8	Same
	Multiple races	2021	6.7	2021	6.7	-----	-----	=====			6.7	-29.5	Better
Ethnicity	Non-Hispanic, White	2021	9.4	2021	9.4	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	11.1	2021	11.1	-----	-----	=====	Non-Hispanic, White	9.4	11.1	18.1	Same
	Non-Hispanic, all races	2021	8.4	2021	8.4	-----	-----	=====			8.4	-10.6	Same
	Non-Hispanic, Asian	2021	5.0	2021	5.0	-----	-----	=====			5.0	-46.8	Better
	Non-Hispanic, Black	2021	6.7	2021	6.7	-----	-----	=====			6.7	-28.7	Better
	Non-Hispanic, multiple races	2021	5.8	2021	5.8	-----	-----	=====			5.8	-38.3	Better
Income	400% of PL or more	2021	8.2	2021	8.2	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	2021	8.9	2021	8.9	-----	-----	=====	400% of PL or more	8.2	8.9	8.5	Same
	100%-199% of PL	2021	10.4	2021	10.4	-----	-----	=====			10.4	26.8	Worse
	200%-399% of PL	2021	9.1	2021	9.1	-----	-----	=====			9.1	11.0	Same
Health insurance	Any private	2021	8.8	2021	8.8	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	9.9	2021	9.9	-----	-----	=====	Any private	8.8	9.9	12.5	Same
	Uninsured	2021	5.9	2021	5.9	-----	-----	=====			5.9	-33.0	Same
Metropolitan status	Large fringe metro	2021	8.7	2021	8.7	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	9.1	2021	9.1	-----	-----	=====	Large fringe metro	8.7	9.1	4.6	Same
	Large central metro	2021	9.7	2021	9.7	-----	-----	=====			9.7	11.5	Same
	Medium metro	2021	8.7	2021	8.7	-----	-----	=====			8.7	0.0	Same
	Small metro	2021	9.6	2021	9.6	-----	-----	=====			9.6	10.3	Same
	Micropolitan (nonmetro)	2021	9.0	2021	9.0	-----	-----	=====			9.0	3.4	Same
	Noncore (nonmetro)	2021	8.7	2021	8.7	-----	-----	=====			8.7	0.0	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	0-5	2021	6.5	2021	6.5	-----	-----	=====					
	6-11	2021	9.0	2021	9.0	-----	-----	=====	0-5	6.5	9.0	38.5	Worse
	12-17	2021	11.6	2021	11.6	-----	-----	=====			11.6	78.5	Worse
Gender	Male	2021	8.9	2021	8.9	-----	-----	=====					
	Female	2021	9.3	2021	9.3	-----	-----	=====	Male	8.9	9.3	4.5	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.1.6. Adults with COVID-19 infection who described having moderate or severe symptoms at their worst

Source: NHIS

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	2021	54.8	2021	54.8	-----	-----	=====					
Race	White	2021	55.5	2021	55.5	-----	-----	=====					

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	2021	40.6	2021	40.6	-----	-----	=====	White	55.5	40.6	-26.8	Better
	Black	2021	54.0	2021	54.0	-----	-----	=====			54.0	-2.7	Same
	Multiple races	2021	62.0	2021	62.0	-----	-----	=====			62.0	11.7	Same
Ethnicity	Non-Hispanic, White	2021	56.3	2021	56.3	-----	-----	=====	-----	-----	-----	-----	-----
	Hispanic, all races	2021	54.5	2021	54.5	-----	-----	=====	Non-Hispanic, White	56.3	54.5	-3.2	Same
	Non-Hispanic, all races	2021	54.9	2021	54.9	-----	-----	=====			54.9	-2.5	Same
	Non-Hispanic, Asian	2021	40.6	2021	40.6	-----	-----	=====			40.6	-27.9	Better
	Non-Hispanic, Black	2021	52.9	2021	52.9	-----	-----	=====			52.9	-6.0	Same
Income	400% of PL or more	2021	52.7	2021	52.7	-----	-----	=====	-----	-----	-----	-----	-----
	Less than 100% of PL	2021	57.0	2021	57.0	-----	-----	=====	400% of PL or more	52.7	57.0	8.2	Same
	100%-199% of PL	2021	55.9	2021	55.9	-----	-----	=====			55.9	6.1	Same
	200%-399% of PL	2021	56.1	2021	56.1	-----	-----	=====			56.1	6.5	Same
Health insurance	Any private	2021	54.9	2021	54.9	-----	-----	=====	-----	-----	-----	-----	-----

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	2021	59.4	2021	59.4	-----	-----	=====	Any private	54.9	59.4	8.2	Same
	Uninsured	2021	52.1	2021	52.1	-----	-----	=====			52.1	-5.1	Same
Metropolitan status	Large fringe metro	2021	54.2	2021	54.2	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	54.7	2021	54.7	-----	-----	=====	Large fringe metro	54.2	54.7	0.9	Same
	Large central metro	2021	54.4	2021	54.4	-----	-----	=====			54.4	0.4	Same
	Medium metro	2021	58.0	2021	58.0	-----	-----	=====			58.0	7.0	Same
	Small metro	2021	49.8	2021	49.8	-----	-----	=====			49.8	-8.1	Same
	Micropolitan (nonmetro)	2021	56.4	2021	56.4	-----	-----	=====			56.4	4.1	Same
	Noncore (nonmetro)	2021	53.8	2021	53.8	-----	-----	=====			53.8	-0.7	Same
Age	18-44	2021	52.1	2021	52.1	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	60.7	2021	60.7	-----	-----	=====	18-44	52.1	60.7	16.5	Worse
	65 and over	2021	52.3	2021	52.3	-----	-----	=====			52.3	0.4	Same
Disability status	Without disability	2021	53.6	2021	53.6	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	70.1	2021	70.1	-----	-----	=====	Without disability	53.6	70.1	30.8	Worse
Gender	Male	2021	52.9	2021	52.9	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	2021	56.4	2021	56.4	-----	-----	=====	Male	52.9	56.4	6.6	Same
Education	At least some college	2021	57.2	2021	57.2	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	58.6	2021	58.6	-----	-----	=====	At least some college	57.2	58.6	2.4	Same
	High school graduate	2021	55.6	2021	55.6	-----	-----	=====			55.6	-2.8	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 1.1.7. Children with COVID-19 infection who described having moderate or severe symptoms at their worst

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2021

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	19.9	2021	19.9	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	18.1	2021	18.1	-----	-----	=====	=====	=====	=====	=====	=====
	Black	2021	23.4	2021	23.4	-----	-----	=====	White	18.1	23.4	29.3	Same
Ethnicity	Non-Hispanic, White	2021	19.2	2021	19.2	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	21.4	2021	21.4	-----	-----	=====	Non-Hispanic, White	19.2	21.4	11.5	Same
	Non-Hispanic, all races	2021	19.2	2021	19.2	-----	-----	=====			19.2	0.0	Same
	Non-Hispanic, Black	2021	23.8	2021	23.8	-----	-----	=====			23.8	24.0	Same
Income	400% of PL or more	2021	23.4	2021	23.4	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	26.1	2021	26.1	-----	-----	=====	400% of PL or more	23.4	26.1	11.5	Same
	100%-199% of PL	2021	19.6	2021	19.6	-----	-----	=====			19.6	-16.2	Same
	200%-399% of PL	2021	13.3	2021	13.3	-----	-----	=====			13.3	-43.2	Better
Health insurance	Any private	2021	18.7	2021	18.7	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	20.2	2021	20.2	-----	-----	=====	Any private	18.7	20.2	8.0	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	2021	18.0	2021	18.0	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	20.4	2021	20.4	-----	-----	=====	Large fringe metro	18.0	20.4	13.3	Same
	Large central metro	2021	21.4	2021	21.4	-----	-----	=====			21.4	18.9	Same
	Medium metro	2021	20.0	2021	20.0	-----	-----	=====			20.0	11.1	Same
	Small metro	2021	23.7	2021	23.7	-----	-----	=====			23.7	31.7	Same
	Micropolitan (nonmetro)	2021	21.9	2021	21.9	-----	-----	=====			21.9	21.7	Same
Age	0-5	2021	20.3	2021	20.3	-----	-----	=====	=====	=====	=====	=====	=====
	6-11	2021	13.7	2021	13.7	-----	-----	=====	0-5	20.3	13.7	-32.5	Same
	12-17	2021	24.3	2021	24.3	-----	-----	=====			24.3	19.7	Same
Gender	Male	2021	20.6	2021	20.6	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	19.2	2021	19.2	-----	-----	=====	Male	20.6	19.2	-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 1.1.8. COVID-19 Death per 100,000 population

Source: NVSS-M

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Benchmark: Not available

Data year for disparities analysis: 2022

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	2020	106.5	2022	46.5	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2020	106.3	2022	45.9	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic or Latino	2020	106.4	2022	49.5	-----	-----	=====	Non-Hispanic, White	45.9	49.5	7.8	Same
	Non-Hispanic, AI/AN	2020	175.3	2022	68.8	-----	-----	=====			68.8	49.9	Worse
	Non-Hispanic, Asian	2020	65.5	2022	27.2	-----	-----	=====			27.2	-40.7	Better
	Non-Hispanic, NHPI	2020	103.2	2022	51.9	-----	-----	=====			51.9	13.1	Same
	Non-Hispanic, Black	2020	136.1	2022	55.5	-----	-----	=====			55.5	20.9	Worse
	Non-Hispanic, more than one race	2020	14.0	2022	19.9	-----	-----	=====			19.9	-56.6	Better
Metropolitan status	Large fringe metro	2020	98.7	2022	50.8	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	2020	109.9	2022	46.7	-----	-----	=====	Large fringe metro	50.8	46.7	-8.1	Same
	Medium metro	2020	96.3	2022	56.5	-----	-----	=====			56.5	11.2	Worse
	Small metro	2020	105.1	2022	64.6	-----	-----	=====			64.6	27.2	Worse
	Micropolitan (nonmetro)	2020	120.9	2022	75.3	-----	-----	=====			75.3	48.2	Worse
	Noncore (nonmetro)	2020	141.6	2022	89.0	-----	-----	=====			89.0	75.2	Worse
Age	35-44	2020	14.4	2022	8.8	-----	-----	=====	=====	=====	=====	=====	=====
	Under 1	2020	0.9	2022	4.2	-----	-----	=====	35-44	8.8	4.2	-52.3	Better
	15-24	2020	1.2	2022	1.0	-----	-----	=====			1.0	-88.6	Better
	25-34	2020	4.9	2022	3.6	-----	-----	=====			3.6	-59.1	Better
	1-4	2021	0.4	2022	0.7	-----	-----	=====			0.7	-92.0	Better
	5-14	2020	0.1	2022	0.3	-----	-----	=====			0.3	-96.6	Better
	45-54	2020	42.0	2022	23.8	-----	-----	=====			23.8	170.5	Worse
	55-64	2020	99.3	2022	56.6	-----	-----	=====			56.6	543.2	Worse
	65-74	2020	234.3	2022	124.8	-----	-----	=====			124.8	1318.2	Worse
	75-84	2020	589.8	2022	315.6	-----	-----	=====			315.6	3486.4	Worse
	85 and over	2020	1645.0	2022	887.7	-----	-----	=====			887.7	9987.5	Worse
Gender	Male	2020	118.6	2022	58.8	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2020	94.7	2022	37.2	-----	-----	=====	Male	58.8	37.2	-36.7	Better

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

----- : 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 1.1.9. Deaths per 1,000 COVID-19 cases

Source: CDC_COVID

Benchmark: Not available

Data year for disparities analysis: 2022

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	2020	17.4	2022	4.4	-----	-----	=====	-----	-----	-----	-----	-----
Ethnicity	Non-Hispanic, White	2020	33.2	2022	9.5	-----	-----	=====	-----	-----	-----	-----	-----
	Hispanic/Latino	2020	28.9	2022	5.3	-----	-----	=====	Non-Hispanic, White	9.5	5.3	-44.2	-----
	Non-Hispanic, AI/AN	2020	53.3	2022	11.4	-----	-----	=====			11.4	20.0	-----
	Non-Hispanic, Asian	2020	39.1	2022	3.5	-----	-----	=====			3.5	-63.2	-----
	Non-Hispanic, NHPI	2020	57.3	2022	8.1	-----	-----	=====			8.1	-14.7	-----

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

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	43.4	2022	7.0	-----	-----	=====			7.0	-26.3	-----
Age	18-49	2020	1.4	2022	0.5	-----	-----	=====	=====	=====	=====	=====	=====
	50-64	2020	13.0	2022	3.2	-----	-----	=====	18-49	0.5	3.2	540.0	-----
	65 and over	2020	100.4	2022	24.6	-----	-----	=====			24.6	4820.0	-----
Gender	Male	2020	21.0	2022	5.7	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2020	15.6	2022	3.8	-----	-----	=====	Male	5.7	3.8	-33.3	-----

----- : 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: 1. COVID-19 Experiences, Subcategory: 1. COVID-19 Infection and Death

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Appendix Table 1.2.1. Adults who received recommendation to receive a COVID-19 vaccine from a doctor, nurse, or other health professional

Source: NIS_ACM

Benchmark: Not available

Data year for disparities analysis: 2022

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	39.7	2022	49.7	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2021	39.8	2022	50.3	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	39.3	2022	49.3	-----	-----	=====	Non-Hispanic, White	50.3	49.3	2.0	Same
	Non-Hispanic, AI/AN	2021	39.7	2022	48.6	-----	-----	=====			48.6	3.4	Same
	Non-Hispanic, Asian	2021	42.0	2022	50.1	-----	-----	=====			50.1	0.4	Same
	Non-Hispanic, NHPI	2021	39.9	2022	52.6	-----	-----	=====			52.6	-4.6	Same
	Non-Hispanic, Black	2021	40.6	2022	48.7	-----	-----	=====			48.7	3.2	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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/other	2021	38.1	2022	47.3	-----	-----	=====			47.3	6.0	Same
Income	More than \$75K	2021	42.4	2022	53.5	-----	-----	=====	=====	=====	=====	=====	=====
	Below poverty	2021	39.1	2022	48.1	-----	-----	=====	More than \$75K	53.5	48.1	11.6	Worse
	Poverty to less than \$75K	2021	38.3	2022	47.5	-----	-----	=====			47.5	12.9	Worse
Health insurance	Insured	2021	41.4	2022	51.5	-----	-----	=====	=====	=====	=====	=====	=====
	Not insured	2021	26.6	2022	34.8	-----	-----	=====	Insured	51.5	34.8	34.4	Worse
Metropolitan status	MSA, non-principal city	2021	39.8	2022	50.3	-----	-----	=====	=====	=====	=====	=====	=====
	MSA, principal city	2021	40.8	2022	50.0	-----	-----	=====	MSA, non-principal city	50.3	50.0	0.6	Same
	Non-MSA	2021	37.0	2022	47.1	-----	-----	=====			47.1	6.4	Same
Age	40-49	2021	40.4	2022	51.2	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2021	30.5	2022	40.7	-----	-----	=====	40-49	51.2	40.7	21.5	Worse
	25-29	2021	32.1	2022	44.0	-----	-----	=====			44.0	14.8	Worse
	30-39	2021	38.1	2022	49.4	-----	-----	=====			49.4	3.7	Same
	50-64	2021	43.1	2022	52.7	-----	-----	=====			52.7	-3.1	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	46.7	2022	54.6	-----	-----	=====			54.6	-7.0	Same
	75 and over	2021	43.5	2022	51.7	-----	-----	=====			51.7	-1.0	Same
Gender	Male	2021	36.4	2022	45.5	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	43.0	2022	53.8	-----	-----	=====	Male	45.5	53.8	-15.2	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.2.2. Adults who received recommendation to receive a COVID-19 booster from a doctor, nurse, or other health professional

Source: NIS_ACM

Benchmark: Not available

Data year for disparities analysis: 2022

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	2022	30.6	2022	30.6	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2022	31.9	2022	31.9	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2022	29.3	2022	29.3	-----	-----	=====	Non-Hispanic, White	31.9	29.3	3.8	Same
	Non-Hispanic, AI/AN	2022	25.5	2022	25.5	-----	-----	=====			25.5	9.4	Same
	Non-Hispanic, Asian	2022	32.3	2022	32.3	-----	-----	=====			32.3	-0.6	Same
	Non-Hispanic, NHPI	2022	32.0	2022	32.0	-----	-----	=====			32.0	-0.1	Same
	Non-Hispanic, Black	2022	27.6	2022	27.6	-----	-----	=====			27.6	6.3	Same
	Non-Hispanic, multiple races/other	2022	27.5	2022	27.5	-----	-----	=====			27.5	6.5	Same
Income	More than \$75K	2022	35.3	2022	35.3	-----	-----	=====	=====	=====	=====	=====	=====
	Below poverty	2022	26.8	2022	26.8	-----	-----	=====	More than \$75K	35.3	26.8	13.1	Worse
	Poverty to less than \$75K	2022	28.8	2022	28.8	-----	-----	=====			28.8	10.0	Worse
Health insurance	Insured	2022	32.4	2022	32.4	-----	-----	=====	=====	=====	=====	=====	=====
	Not insured	2022	16.4	2022	16.4	-----	-----	=====	Insured	32.4	16.4	23.7	Worse
Metropolitan status	MSA, non-principal city	2022	31.5	2022	31.5	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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
	MSA, principal city	2022	31.1	2022	31.1	-----	-----	=====	MSA, non-principal city	31.5	31.1	0.6	Same
	Non-MSA	2022	26.2	2022	26.2	-----	-----	=====			26.2	7.7	Same
Age	40-49	2022	29.9	2022	29.9	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2022	18.7	2022	18.7	-----	-----	=====	40-49	29.9	18.7	16.0	Worse
	25-29	2022	22.6	2022	22.6	-----	-----	=====			22.6	10.4	Worse
	30-39	2022	26.9	2022	26.9	-----	-----	=====			26.9	4.3	Same
	50-64	2022	35.2	2022	35.2	-----	-----	=====			35.2	-7.6	Same
	65-74	2022	40.7	2022	40.7	-----	-----	=====			40.7	-15.4	Better
	75 and over	2022	38.2	2022	38.2	-----	-----	=====			38.2	-11.8	Better
Gender	Male	2022	27.4	2022	27.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2022	33.8	2022	33.8	-----	-----	=====	Male	27.4	33.8	-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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.2.3. Adults who received at least one dose of COVID-19 vaccination

Source: NHIS

Benchmark: Not available

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	72.1	2021	72.1	-----	-----	=====					
	AI/AN	2021	62.5	2021	62.5	-----	-----	=====	White	72.1	62.5	34.4	Worse
	Asian	2021	89.3	2021	89.3	-----	-----	=====			89.3	-61.6	Better
	NHPI	2021	53.3	2021	53.3	-----	-----	=====			53.3	67.4	Worse
	Black	2021	65.0	2021	65.0	-----	-----	=====			65.0	25.4	Worse
	Multiple races	2021	64.2	2021	64.2	-----	-----	=====			64.2	28.3	Worse
Ethnicity	Non-Hispanic, White	2021	72.9	2021	72.9	-----	-----	=====					
	Hispanic, all races	2021	66.4	2021	66.4	-----	-----	=====	Non-Hispanic, White	72.9	66.4	24.0	Worse
	Non-Hispanic, all races	2021	72.7	2021	72.7	-----	-----	=====			72.7	0.7	Same
	Non-Hispanic, AI/AN	2021	61.3	2021	61.3	-----	-----	=====			61.3	42.8	Worse
	Non-Hispanic, Asian	2021	89.6	2021	89.6	-----	-----	=====			89.6	-61.6	Better
	Non-Hispanic, Black	2021	65.3	2021	65.3	-----	-----	=====			65.3	28.0	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	63.6	2021	63.6	-----	-----	=====			63.6	34.3	Worse
Income	400% of PL or more	2021	81.3	2021	81.3	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	54.1	2021	54.1	-----	-----	=====	400% of PL or more	81.3	54.1	145.5	Worse
	100%-199% of PL	2021	60.7	2021	60.7	-----	-----	=====			60.7	110.2	Worse
	200%-399% of PL	2021	69.5	2021	69.5	-----	-----	=====			69.5	63.1	Worse
Health insurance	Any private	2021	73.7	2021	73.7	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	56.3	2021	56.3	-----	-----	=====	Any private	73.7	56.3	66.2	Worse
	Uninsured	2021	47.3	2021	47.3	-----	-----	=====			47.3	100.4	Worse
Metropolitan status	Large fringe metro	2021	75.4	2021	75.4	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	73.2	2021	73.2	-----	-----	=====	Large fringe metro	75.4	73.2	8.9	Same
	Large central metro	2021	75.8	2021	75.8	-----	-----	=====			75.8	-1.6	Same
	Medium metro	2021	69.8	2021	69.8	-----	-----	=====			69.8	22.8	Worse
	Small metro	2021	66.5	2021	66.5	-----	-----	=====			66.5	36.2	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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)	2021	61.3	2021	61.3	-----	-----	=====			61.3	57.3	Worse
	Noncore (nonmetro)	2021	62.1	2021	62.1	-----	-----	=====			62.1	54.1	Worse
Age	18-44	2021	60.9	2021	60.9	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	76.0	2021	76.0	-----	-----	=====	18-44	60.9	76.0	-38.6	Better
	65 and over	2021	87.3	2021	87.3	-----	-----	=====			87.3	-67.5	Better
Disability status	Without disability	2021	71.5	2021	71.5	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	72.7	2021	72.7	-----	-----	=====	Without disability	71.5	72.7	-4.2	Same
Gender	Male	2021	70.7	2021	70.7	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	72.5	2021	72.5	-----	-----	=====	Male	70.7	72.5	-6.1	Same
Education	At least some college	2021	79.5	2021	79.5	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	63.1	2021	63.1	-----	-----	=====	At least some college	79.5	63.1	80.0	Worse
	High school graduate	2021	63.3	2021	63.3	-----	-----	=====			63.3	79.0	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>.

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Appendix Table 1.2.4. Adults who received two doses of COVID-19 vaccinations

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	2021	56.6	2021	56.6	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	56.7	2021	56.7	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	47.8	2021	47.8	-----	-----	=====	White	56.7	47.8	20.6	Worse
	Asian	2021	72.5	2021	72.5	-----	-----	=====			72.5	-36.5	Better
	NHPI	2021	45.8	2021	45.8	-----	-----	=====			45.8	25.2	Same
	Black	2021	52.0	2021	52.0	-----	-----	=====			52.0	10.9	Worse
	Multiple races	2021	50.4	2021	50.4	-----	-----	=====			50.4	14.5	Worse
Ethnicity	Non-Hispanic, White	2021	57.4	2021	57.4	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	52.1	2021	52.1	-----	-----	=====	Non-Hispanic, White	57.4	52.1	12.4	Worse
	Non-Hispanic, all races	2021	57.5	2021	57.5	-----	-----	=====			57.5	-0.2	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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, AI/AN	2021	47.6	2021	47.6	-----	-----	=====			47.6	23.0	Worse
	Non-Hispanic, Asian	2021	72.6	2021	72.6	-----	-----	=====			72.6	-35.7	Better
	Non-Hispanic, Black	2021	52.3	2021	52.3	-----	-----	=====			52.3	12.0	Worse
	Non-Hispanic, multiple races	2021	50.2	2021	50.2	-----	-----	=====			50.2	16.9	Worse
Income	400% of PL or more	2021	63.8	2021	63.8	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	43.1	2021	43.1	-----	-----	=====	400% of PL or more	63.8	43.1	57.2	Worse
	100%-199% of PL	2021	47.3	2021	47.3	-----	-----	=====			47.3	45.6	Worse
	200%-399% of PL	2021	55.9	2021	55.9	-----	-----	=====			55.9	21.8	Worse
Health insurance	Any private	2021	59.0	2021	59.0	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	42.6	2021	42.6	-----	-----	=====	Any private	59.0	42.6	40.0	Worse
	Uninsured	2021	37.4	2021	37.4	-----	-----	=====			37.4	52.7	Worse
Metropolitan status	Large fringe metro	2021	60.0	2021	60.0	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	58.2	2021	58.2	-----	-----	=====	Large fringe metro	60.0	58.2	4.5	Same
	Large central metro	2021	60.5	2021	60.5	-----	-----	=====			60.5	-1.3	Same
	Medium metro	2021	55.5	2021	55.5	-----	-----	=====			55.5	11.3	Worse
	Small metro	2021	51.9	2021	51.9	-----	-----	=====			51.9	20.3	Worse
	Micropolitan (nonmetro)	2021	46.9	2021	46.9	-----	-----	=====			46.9	32.8	Worse
	Noncore (nonmetro)	2021	45.1	2021	45.1	-----	-----	=====			45.1	37.3	Worse
Age	18-44	2021	48.3	2021	48.3	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	60.3	2021	60.3	-----	-----	=====	18-44	48.3	60.3	-23.2	Better
	65 and over	2021	68.3	2021	68.3	-----	-----	=====			68.3	-38.7	Better
Disability status	Without disability	2021	56.8	2021	56.8	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	54.8	2021	54.8	-----	-----	=====	Without disability	56.8	54.8	4.6	Same
Gender	Male	2021	55.8	2021	55.8	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	57.3	2021	57.3	-----	-----	=====	Male	55.8	57.3	-3.4	Same
Education	At least some college	2021	63.3	2021	63.3	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	50.6	2021	50.6	-----	-----	=====	At least some college	63.3	50.6	34.6	Worse
	High school graduate	2021	49.2	2021	49.2	-----	-----	=====			49.2	38.4	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.2.5. Adults who received three or more doses of COVID-19 vaccinations

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	2021	6.1	2021	6.1	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	6.6	2021	6.6	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	8.3	2021	8.3	-----	-----	=====	White	6.6	8.3	-1.8	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	4.1	2021	4.1	-----	-----	=====			4.1	2.7	Same
	Multiple races	2021	5.2	2021	5.2	-----	-----	=====			5.2	1.5	Same
Ethnicity	Non-Hispanic, White	2021	6.9	2021	6.9	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	3.6	2021	3.6	-----	-----	=====	Non-Hispanic, White	6.9	3.6	3.5	Same
	Non-Hispanic, all races	2021	6.6	2021	6.6	-----	-----	=====			6.6	0.3	Same
	Non-Hispanic, Asian	2021	8.4	2021	8.4	-----	-----	=====			8.4	-1.6	Same
	Non-Hispanic, Black	2021	4.2	2021	4.2	-----	-----	=====			4.2	2.9	Same
	Non-Hispanic, multiple races	2021	5.2	2021	5.2	-----	-----	=====			5.2	1.8	Same
Income	400% of PL or more	2021	8.5	2021	8.5	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	2.4	2021	2.4	-----	-----	=====	400% of PL or more	8.5	2.4	6.7	Same
	100%-199% of PL	2021	3.9	2021	3.9	-----	-----	=====			3.9	5.0	Same
	200%-399% of PL	2021	5.1	2021	5.1	-----	-----	=====			5.1	3.7	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	5.1	2021	5.1	-----	-----	=====					
	Public only	2021	2.7	2021	2.7	-----	-----	=====	Any private	5.1	2.7	2.5	Same
	Uninsured	2021	0.8	2021	0.8	-----	-----	=====			0.8	4.5	Same
Metropolitan status	Large fringe metro	2021	6.3	2021	6.3	-----	-----	=====					
	Metropolitan	2021	6.1	2021	6.1	-----	-----	=====	Large fringe metro	6.3	6.1	0.2	Same
	Large central metro	2021	6.1	2021	6.1	-----	-----	=====			6.1	0.2	Same
	Medium metro	2021	5.8	2021	5.8	-----	-----	=====			5.8	0.5	Same
	Small metro	2021	6.3	2021	6.3	-----	-----	=====			6.3	0.0	Same
	Micropolitan (nonmetro)	2021	5.9	2021	5.9	-----	-----	=====			5.9	0.4	Same
	Noncore (nonmetro)	2021	5.9	2021	5.9	-----	-----	=====			5.9	0.4	Same
Age	18-44	2021	3.1	2021	3.1	-----	-----	=====					
	45-64	2021	5.6	2021	5.6	-----	-----	=====	18-44	3.1	5.6	-2.6	Same
	65 and over	2021	13.0	2021	13.0	-----	-----	=====			13.0	-10.2	Better
Disability status	Without disability	2021	5.9	2021	5.9	-----	-----	=====					

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	8.0	2021	8.0	-----	-----	=====	Without disability	5.9	8.0	-2.2	Same
Gender	Male	2021	5.7	2021	5.7	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	6.5	2021	6.5	-----	-----	=====	Male	5.7	6.5	-0.8	Same
Education	At least some college	2021	7.7	2021	7.7	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	3.4	2021	3.4	-----	-----	=====	At least some college	7.7	3.4	4.7	Same
	High school graduate	2021	5.0	2021	5.0	-----	-----	=====			5.0	2.9	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 1.2.6. Children ages 12-17 who received at least one dose of COVID-19 vaccination

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.

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	55.0	2021	55.0	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	55.7	2021	55.7	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	80.2	2021	80.2	-----	-----	=====	White	55.7	80.2	-55.3	Better
	Black	2021	47.9	2021	47.9	-----	-----	=====			47.9	17.6	Same
	Multiple races	2021	41.5	2021	41.5	-----	-----	=====			41.5	32.1	Worse
Ethnicity	Non-Hispanic, White	2021	54.9	2021	54.9	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	55.4	2021	55.4	-----	-----	=====	Non-Hispanic, White	54.9	55.4	-1.1	Same
	Non-Hispanic, all races	2021	54.8	2021	54.8	-----	-----	=====			54.8	0.2	Same
	Non-Hispanic, Asian	2021	80.1	2021	80.1	-----	-----	=====			80.1	-55.9	Better
	Non-Hispanic, Black	2021	46.6	2021	46.6	-----	-----	=====			46.6	18.4	Same
	Non-Hispanic, multiple races	2021	46.4	2021	46.4	-----	-----	=====			46.4	18.8	Same
Income	400% of PL or more	2021	72.2	2021	72.2	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	39.3	2021	39.3	-----	-----	=====	400% of PL or more	72.2	39.3	118.3	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	40.3	2021	40.3	-----	-----	=====			40.3	114.7	Worse
	200%-399% of PL	2021	52.8	2021	52.8	-----	-----	=====			52.8	69.8	Worse
Health insurance	Any private	2021	63.3	2021	63.3	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	43.6	2021	43.6	-----	-----	=====	Any private	63.3	43.6	53.7	Worse
	Uninsured	2021	40.5	2021	40.5	-----	-----	=====			40.5	62.1	Worse
Metropolitan status	Large fringe metro	2021	64.2	2021	64.2	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	57.9	2021	57.9	-----	-----	=====	Large fringe metro	64.2	57.9	17.6	Same
	Large central metro	2021	59.8	2021	59.8	-----	-----	=====			59.8	12.3	Same
	Medium metro	2021	54.6	2021	54.6	-----	-----	=====			54.6	26.8	Worse
	Small metro	2021	39.5	2021	39.5	-----	-----	=====			39.5	69.0	Worse
	Micropolitan (nonmetro)	2021	42.1	2021	42.1	-----	-----	=====			42.1	61.7	Worse
	Noncore (nonmetro)	2021	24.5	2021	24.5	-----	-----	=====			24.5	110.9	Worse
Age	12-17	2021	55.0	2021	55.0	-----	-----	=====	-----	-----	-----	-----	-----
Gender	Male	2021	54.2	2021	54.2	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	55.9	2021	55.9	-----	-----	=====	Male	54.2	55.9	-3.7	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 1.2.7. Children ages 12-17 who received two doses of COVID-19 vaccinations

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	2021	50.0	2021	50.0	-----	-----	=====					
Race	White	2021	50.4	2021	50.4	-----	-----	=====					
	Asian	2021	78.3	2021	78.3	-----	-----	=====	White	50.4	78.3	-56.3	Better
	Black	2021	43.4	2021	43.4	-----	-----	=====			43.4	14.1	Same
	Multiple races	2021	39.9	2021	39.9	-----	-----	=====			39.9	21.2	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	49.9	2021	49.9	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	49.4	2021	49.4	-----	-----	=====	Non-Hispanic, White	49.9	49.4	1.0	Same
	Non-Hispanic, all races	2021	50.3	2021	50.3	-----	-----	=====			50.3	-0.8	Same
	Non-Hispanic, Asian	2021	78.1	2021	78.1	-----	-----	=====			78.1	-56.3	Better
	Non-Hispanic, Black	2021	41.8	2021	41.8	-----	-----	=====			41.8	16.2	Same
	Non-Hispanic, multiple races	2021	44.3	2021	44.3	-----	-----	=====			44.3	11.2	Same
Income	400% of PL or more	2021	66.7	2021	66.7	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	36.5	2021	36.5	-----	-----	=====	400% of PL or more	66.7	36.5	90.7	Worse
	100%-199% of PL	2021	34.9	2021	34.9	-----	-----	=====			34.9	95.5	Worse
	200%-399% of PL	2021	47.9	2021	47.9	-----	-----	=====			47.9	56.5	Worse
Health insurance	Any private	2021	57.9	2021	57.9	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	39.2	2021	39.2	-----	-----	=====	Any private	57.9	39.2	44.4	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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
	Uninsured	2021	36.9	2021	36.9	-----	-----	=====			36.9	49.9	Worse
Metropolitan status	Large fringe metro	2021	60.6	2021	60.6	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	52.7	2021	52.7	-----	-----	=====	Large fringe metro	60.6	52.7	20.1	Worse
	Large central metro	2021	53.9	2021	53.9	-----	-----	=====			53.9	17.0	Same
	Medium metro	2021	48.4	2021	48.4	-----	-----	=====			48.4	31.0	Worse
	Small metro	2021	34.4	2021	34.4	-----	-----	=====			34.4	66.5	Worse
	Micropolitan (nonmetro)	2021	38.6	2021	38.6	-----	-----	=====			38.6	55.8	Worse
	Noncore (nonmetro)	2021	22.1	2021	22.1	-----	-----	=====			22.1	97.7	Worse
Gender	Male	2021	48.8	2021	48.8	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	51.4	2021	51.4	-----	-----	=====	Male	48.8	51.4	-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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Appendix Table 1.2.8. Adults who received at least one dose of COVID-19 vaccine who experienced any difficulty obtaining the vaccine

Source: NIS_ACM

Benchmark: Not available

Data year for disparities analysis: 2022

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	2021	31.0	2022	28.8	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2021	34.3	2022	31.9	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	25.2	2022	24.1	-----	-----	=====	Non-Hispanic, White	31.9	24.1	-24.5	Better
	Non-Hispanic, AI/AN	2021	20.8	2022	22.1	-----	-----	=====			22.1	-30.7	Better
	Non-Hispanic, Asian	2021	34.1	2022	34.1	-----	-----	=====			34.1	6.9	Same
	Non-Hispanic, NHPI	2021	21.4	2022	20.6	-----	-----	=====			20.6	-35.4	Better
	Non-Hispanic, Black	2021	21.2	2022	17.8	-----	-----	=====			17.8	-44.2	Better

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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/other	2021	30.3	2022	26.9	-----	-----	=====			26.9	-15.7	Better
Income	More than \$75K	2021	36.2	2022	34.0	-----	-----	=====	=====	=====	=====	=====	=====
	Below poverty	2021	22.6	2022	21.8	-----	-----	=====	More than \$75K	34.0	21.8	-35.9	Better
	Poverty to less than \$75K	2021	28.2	2022	25.2	-----	-----	=====			25.2	-25.9	Better
Health insurance	Insured	2021	31.9	2022	29.5	-----	-----	=====	=====	=====	=====	=====	=====
	Not insured	2021	22.3	2022	21.5	-----	-----	=====	Insured	29.5	21.5	-27.1	Better
Metropolitan status	MSA, non-principal city	2021	33.0	2022	30.8	-----	-----	=====	=====	=====	=====	=====	=====
	MSA, principal city	2021	30.7	2022	28.7	-----	-----	=====	MSA, non-principal city	30.8	28.7	-6.8	Same
	Non-MSA	2021	22.7	2022	20.3	-----	-----	=====			20.3	-34.1	Better
Age	40-49	2021	29.4	2022	27.0	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2021	24.7	2022	23.5	-----	-----	=====	40-49	27.0	23.5	-13.0	Better
	25-29	2021	27.1	2022	26.7	-----	-----	=====			26.7	-1.1	Same
	30-39	2021	28.3	2022	27.3	-----	-----	=====			27.3	1.1	Same
	50-64	2021	31.3	2022	29.2	-----	-----	=====			29.2	8.1	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	37.8	2022	34.4	-----	-----	=====			34.4	27.4	Worse
	75 and over	2021	33.9	2022	31.2	-----	-----	=====			31.2	15.6	Worse
Gender	Male	2021	28.8	2022	26.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	33.0	2022	30.7	-----	-----	=====	Male	26.4	30.7	16.3	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.2.9. Adults who did not receive any COVID-19 vaccine who experienced any difficulty obtaining the vaccine

Source: NIS_ACM

Benchmark: Not available

Data year for disparities analysis: 2022

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	2021	21.0	2022	17.3	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2021	18.6	2022	14.9	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	25.8	2022	22.0	-----	-----	=====	Non-Hispanic, White	14.9	22.0	47.7	Worse
	Non-Hispanic, AI/AN	2021	27.0	2022	24.2	-----	-----	=====			24.2	62.4	Worse
	Non-Hispanic, Asian	2021	28.0	2022	21.3	-----	-----	=====			21.3	43.0	Same
	Non-Hispanic, NHPI	2021	26.0	2022	23.2	-----	-----	=====			23.2	55.7	Same
	Non-Hispanic, Black	2021	23.3	2022	21.6	-----	-----	=====			21.6	45.0	Worse
	Non-Hispanic, multiple races/other	2021	22.6	2022	21.2	-----	-----	=====			21.2	42.3	Worse
Income	More than \$75K	2021	13.8	2022	11.7	-----	-----	=====	=====	=====	=====	=====	=====
	Below poverty	2021	29.8	2022	25.7	-----	-----	=====	More than \$75K	11.7	25.7	119.7	Worse
	Poverty to less than \$75K	2021	21.1	2022	16.8	-----	-----	=====			16.8	43.6	Worse
Health insurance	Insured	2021	19.6	2022	15.3	-----	-----	=====	=====	=====	=====	=====	=====
	Not insured	2021	26.6	2022	24.2	-----	-----	=====	Insured	15.3	24.2	58.2	Worse
Metropolitan status	MSA, non-principal city	2021	20.1	2022	17.0	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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
	MSA, principal city	2021	23.9	2022	19.1	-----	-----	=====	MSA, non-principal city	17.0	19.1	12.4	Worse
	Non-MSA	2021	19.2	2022	15.8	-----	-----	=====			15.8	-7.1	Same
Age	40-49	2021	18.0	2022	13.3	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2021	26.8	2022	22.3	-----	-----	=====	40-49	13.3	22.3	67.7	Worse
	25-29	2021	22.6	2022	19.3	-----	-----	=====			19.3	45.1	Worse
	30-39	2021	19.1	2022	16.0	-----	-----	=====			16.0	20.3	Worse
	50-64	2021	18.6	2022	15.6	-----	-----	=====			15.6	17.3	Worse
	65-74	2021	21.1	2022	14.6	-----	-----	=====			14.6	9.8	Same
	75 and over	2021	25.0	2022	19.6	-----	-----	=====			19.6	47.4	Worse
Gender	Male	2021	21.3	2022	18.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	20.6	2022	15.8	-----	-----	=====	Male	18.4	15.8	-14.1	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 1.2.10. Adults who received COVID-19 booster vaccine who experienced any difficulty obtaining the booster

Source: NIS_ACM

Benchmark: Not available

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Data year for disparities analysis: 2022

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	2022	10.2	2022	10.2	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2022	9.9	2022	9.9	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2022	11.0	2022	11.0	-----	-----	=====	Non-Hispanic, White	9.9	11.0	11.1	Worse
	Non-Hispanic, AI/AN	2022	11.7	2022	11.7	-----	-----	=====			11.7	18.2	Same
	Non-Hispanic, Asian	2022	12.9	2022	12.9	-----	-----	=====			12.9	30.3	Worse
	Non-Hispanic, NHPI	2022	7.2	2022	7.2	-----	-----	=====			7.2	-27.3	Same
	Non-Hispanic, Black	2022	7.5	2022	7.5	-----	-----	=====			7.5	-24.2	Better
	Non-Hispanic, multiple races/other	2022	12.0	2022	12.0	-----	-----	=====			12.0	21.2	Worse
Income	More than \$75K	2022	9.9	2022	9.9	-----	-----	=====	=====	=====	=====	=====	=====
	Below poverty	2022	11.5	2022	11.5	-----	-----	=====	More than \$75K	9.9	11.5	16.2	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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
	Poverty to less than \$75K	2022	10.0	2022	10.0	-----	-----	=====			10.0	1.0	Same
Health insurance	Insured	2022	10.0	2022	10.0	-----	-----	=====	=====	=====	=====	=====	=====
	Not insured	2022	12.1	2022	12.1	-----	-----	=====	Insured	10.0	12.1	21.0	Worse
Metropolitan status	MSA, non-principal city	2022	10.0	2022	10.0	-----	-----	=====	=====	=====	=====	=====	=====
	MSA, principal city	2022	11.1	2022	11.1	-----	-----	=====	MSA, non-principal city	10.0	11.1	11.0	Worse
	Non-MSA	2022	8.6	2022	8.6	-----	-----	=====			8.6	-14.0	Better
Age	40-49	2022	10.1	2022	10.1	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2022	15.6	2022	15.6	-----	-----	=====	40-49	10.1	15.6	54.5	Worse
	25-29	2022	13.1	2022	13.1	-----	-----	=====			13.1	29.7	Worse
	30-39	2022	11.7	2022	11.7	-----	-----	=====			11.7	15.8	Worse
	50-64	2022	8.7	2022	8.7	-----	-----	=====			8.7	-13.9	Better
	65-74	2022	8.6	2022	8.6	-----	-----	=====			8.6	-14.9	Better
	75 and over	2022	8.6	2022	8.6	-----	-----	=====			8.6	-14.9	Better
Gender	Male	2022	9.5	2022	9.5	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2022	10.5	2022	10.5	-----	-----	=====	Male	9.5	10.5	10.5	Worse

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

===== : Not applicable.

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

Appendix Table 1.2.11. Adults who did not receive COVID-19 booster vaccine who experienced any difficulty obtaining the booster

Source: NIS_ACM

Benchmark: Not available

Data year for disparities analysis: 2022

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	2022	17.7	2022	17.7	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2022	16.1	2022	16.1	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2022	20.0	2022	20.0	-----	-----	=====	Non-Hispanic, White	16.1	20.0	24.2	Worse
	Non-Hispanic, AI/AN	2022	19.9	2022	19.9	-----	-----	=====			19.9	23.6	Same
	Non-Hispanic, Asian	2022	16.5	2022	16.5	-----	-----	=====			16.5	2.5	Same
	Non-Hispanic, NHPI	2022	22.5	2022	22.5	-----	-----	=====			22.5	39.8	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2022	18.4	2022	18.4	-----	-----	=====			18.4	14.3	Worse
	Non-Hispanic, multiple races/other	2022	17.7	2022	17.7	-----	-----	=====			17.7	9.9	Same
Income	More than \$75K	2022	12.9	2022	12.9	-----	-----	=====	=====	=====	=====	=====	=====
	Below poverty	2022	24.2	2022	24.2	-----	-----	=====	More than \$75K	12.9	24.2	87.6	Worse
	Poverty to less than \$75K	2022	17.8	2022	17.8	-----	-----	=====			17.8	38.0	Worse
Health insurance	Insured	2022	16.6	2022	16.6	-----	-----	=====	=====	=====	=====	=====	=====
	Not insured	2022	22.4	2022	22.4	-----	-----	=====	Insured	16.6	22.4	34.9	Worse
Metropolitan status	MSA, non-principal city	2022	16.9	2022	16.9	-----	-----	=====	=====	=====	=====	=====	=====
	MSA, principal city	2022	19.2	2022	19.2	-----	-----	=====	MSA, non-principal city	16.9	19.2	13.6	Worse
	Non-MSA	2022	16.7	2022	16.7	-----	-----	=====			16.7	-1.2	Same
Age	40-49	2022	14.7	2022	14.7	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2022	23.3	2022	23.3	-----	-----	=====	40-49	14.7	23.3	58.5	Worse
	25-29	2022	18.5	2022	18.5	-----	-----	=====			18.5	25.9	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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
	30-39	2022	15.5	2022	15.5	-----	-----	=====			15.5	5.4	Same
	50-64	2022	16.1	2022	16.1	-----	-----	=====			16.1	9.5	Same
	65-74	2022	17.3	2022	17.3	-----	-----	=====			17.3	17.7	Worse
	75 and over	2022	19.2	2022	19.2	-----	-----	=====			19.2	30.6	Worse
Gender	Male	2022	17.4	2022	17.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2022	17.3	2022	17.3	-----	-----	=====	Male	17.4	17.3	-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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.2.12. Adults who had difficulty getting an online appointment for the COVID-19 booster

Source: NIS_ACM

Benchmark: Not available

Data year for disparities analysis: 2022

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	2022	5.4	2022	5.4	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2022	5.1	2022	5.1	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2022	6.0	2022	6.0	-----	-----	=====	Non-Hispanic, White	5.1	6.0	17.6	Worse
	Non-Hispanic, AI/AN	2022	4.3	2022	4.3	-----	-----	=====			4.3	-15.7	Same
	Non-Hispanic, Asian	2022	7.6	2022	7.6	-----	-----	=====			7.6	49.0	Worse
	Non-Hispanic, NHPI	2022	5.1	2022	5.1	-----	-----	=====			5.1	0.0	Same
	Non-Hispanic, Black	2022	4.8	2022	4.8	-----	-----	=====			4.8	-5.9	Same
	Non-Hispanic, multiple races/other	2022	6.4	2022	6.4	-----	-----	=====			6.4	25.5	Worse
Income	More than \$75K	2022	5.2	2022	5.2	-----	-----	=====	=====	=====	=====	=====	=====
	Below poverty	2022	6.5	2022	6.5	-----	-----	=====	More than \$75K	5.2	6.5	25.0	Worse
	Poverty to less than \$75K	2022	5.2	2022	5.2	-----	-----	=====			5.2	0.0	Same
Health insurance	Insured	2022	5.3	2022	5.3	-----	-----	=====	=====	=====	=====	=====	=====
	Not insured	2022	6.2	2022	6.2	-----	-----	=====	Insured	5.3	6.2	17.0	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	MSA, non-principal city	2022	5.2	2022	5.2	-----	-----	=====	=====	=====	=====	=====	=====
	MSA, principal city	2022	6.2	2022	6.2	-----	-----	=====	MSA, non-principal city	5.2	6.2	19.2	Worse
	Non-MSA	2022	4.0	2022	4.0	-----	-----	=====			4.0	-23.1	Better
Age	40-49	2022	5.4	2022	5.4	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2022	7.1	2022	7.1	-----	-----	=====	40-49	5.4	7.1	31.5	Worse
	25-29	2022	6.4	2022	6.4	-----	-----	=====			6.4	18.5	Worse
	30-39	2022	5.6	2022	5.6	-----	-----	=====			5.6	3.7	Same
	50-64	2022	4.8	2022	4.8	-----	-----	=====			4.8	-11.1	Better
	65-74	2022	5.0	2022	5.0	-----	-----	=====			5.0	-7.4	Same
	75 and over	2022	4.5	2022	4.5	-----	-----	=====			4.5	-16.7	Better
Gender	Male	2022	4.9	2022	4.9	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2022	5.8	2022	5.8	-----	-----	=====	Male	4.9	5.8	18.4	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.2.13. Adults who had difficulty knowing where to get the COVID-19 booster

Source: NIS_ACM

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Benchmark: Not available

Data year for disparities analysis: 2022

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	2022	4.0	2022	4.0	-----	-----	=====					
Ethnicity	Non-Hispanic, White	2022	3.5	2022	3.5	-----	-----	=====					
	Hispanic, all races	2022	5.7	2022	5.7	-----	-----	=====	Non-Hispanic, White	3.5	5.7	62.9	Worse
	Non-Hispanic, AI/AN	2022	5.3	2022	5.3	-----	-----	=====			5.3	51.4	Worse
	Non-Hispanic, Asian	2022	3.5	2022	3.5	-----	-----	=====			3.5	0.0	Same
	Non-Hispanic, NHPI	2022	5.0	2022	5.0	-----	-----	=====			5.0	42.9	Same
	Non-Hispanic, Black	2022	3.9	2022	3.9	-----	-----	=====			3.9	11.4	Same
	Non-Hispanic, multiple races/other	2022	4.9	2022	4.9	-----	-----	=====			4.9	40.0	Worse
Income	More than \$75K	2022	3.0	2022	3.0	-----	-----	=====					

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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
	Below poverty	2022	6.5	2022	6.5	-----	-----	=====	More than \$75K	3.0	6.5	116.7	Worse
	Poverty to less than \$75K	2022	4.3	2022	4.3	-----	-----	=====			4.3	43.3	Worse
Health insurance	Insured	2022	3.7	2022	3.7	-----	-----	=====	=====	=====	=====	=====	=====
	Not insured	2022	7.4	2022	7.4	-----	-----	=====	Insured	3.7	7.4	100.0	Worse
Metropolitan status	MSA, non-principal city	2022	3.7	2022	3.7	-----	-----	=====	=====	=====	=====	=====	=====
	MSA, principal city	2022	4.7	2022	4.7	-----	-----	=====	MSA, non-principal city	3.7	4.7	27.0	Worse
	Non-MSA	2022	3.5	2022	3.5	-----	-----	=====			3.5	-5.4	Same
Age	40-49	2022	3.7	2022	3.7	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2022	7.6	2022	7.6	-----	-----	=====	40-49	3.7	7.6	105.4	Worse
	25-29	2022	5.3	2022	5.3	-----	-----	=====			5.3	43.2	Worse
	30-39	2022	4.3	2022	4.3	-----	-----	=====			4.3	16.2	Worse
	50-64	2022	3.2	2022	3.2	-----	-----	=====			3.2	-13.5	Better
	65-74	2022	2.8	2022	2.8	-----	-----	=====			2.8	-24.3	Better
	75 and over	2022	2.7	2022	2.7	-----	-----	=====			2.7	-27.0	Better
Gender	Male	2022	4.1	2022	4.1	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2022	3.9	2022	3.9	-----	-----	=====	Male	4.1	3.9	-4.9	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

----- : 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 1.2.14. Adults who had difficulty getting to a vaccination site to get the COVID-19 booster

Source: NIS_ACM

Benchmark: Not available

Data year for disparities analysis: 2022

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	2022	2.9	2022	2.9	-----	-----	=====	-----	-----	-----	-----	-----
Ethnicity	Non-Hispanic, White	2022	2.6	2022	2.6	-----	-----	=====	-----	-----	-----	-----	-----
	Hispanic, all races	2022	3.8	2022	3.8	-----	-----	=====	Non-Hispanic, White	2.6	3.8	46.2	Worse
	Non-Hispanic, AI/AN	2022	4.1	2022	4.1	-----	-----	=====			4.1	57.7	Same
	Non-Hispanic, Asian	2022	2.6	2022	2.6	-----	-----	=====			2.6	0.0	Same
	Non-Hispanic, NHPI	2022	3.3	2022	3.3	-----	-----	=====			3.3	26.9	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2022	3.0	2022	3.0	-----	-----	=====			3.0	15.4	Same
	Non-Hispanic, multiple races/other	2022	3.9	2022	3.9	-----	-----	=====			3.9	50.0	Worse
Income	More than \$75K	2022	1.9	2022	1.9	-----	-----	=====	=====	=====	=====	=====	=====
	Below poverty	2022	5.9	2022	5.9	-----	-----	=====	More than \$75K	1.9	5.9	210.5	Worse
	Poverty to less than \$75K	2022	3.0	2022	3.0	-----	-----	=====			3.0	57.9	Worse
Health insurance	Insured	2022	2.7	2022	2.7	-----	-----	=====	=====	=====	=====	=====	=====
	Not insured	2022	4.8	2022	4.8	-----	-----	=====	Insured	2.7	4.8	77.8	Worse
Metropolitan status	MSA, non-principal city	2022	2.7	2022	2.7	-----	-----	=====	=====	=====	=====	=====	=====
	MSA, principal city	2022	3.3	2022	3.3	-----	-----	=====	MSA, non-principal city	2.7	3.3	22.2	Worse
	Non-MSA	2022	2.8	2022	2.8	-----	-----	=====			2.8	3.7	Same
Age	40-49	2022	2.9	2022	2.9	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2022	5.1	2022	5.1	-----	-----	=====	40-49	2.9	5.1	75.9	Worse
	25-29	2022	3.5	2022	3.5	-----	-----	=====			3.5	20.7	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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
	30-39	2022	2.8	2022	2.8	-----	-----	=====			2.8	-3.4	Same
	50-64	2022	2.3	2022	2.3	-----	-----	=====			2.3	-20.7	Better
	65-74	2022	2.2	2022	2.2	-----	-----	=====			2.2	-24.1	Better
	75 and over	2022	2.6	2022	2.6	-----	-----	=====			2.6	-10.3	Same
Gender	Male	2022	2.9	2022	2.9	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2022	2.9	2022	2.9	-----	-----	=====	Male	2.9	2.9	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.2.15. Adults who had difficulty getting the COVID-19 booster because vaccination sites were not open at convenient times

Source: NIS_ACM

Benchmark: Not available

Data year for disparities analysis: 2022

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	2022	4.1	2022	4.1	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2022	3.5	2022	3.5	-----	-----	=====					
	Hispanic, all races	2022	5.3	2022	5.3	-----	-----	=====	Non-Hispanic, White	3.5	5.3	51.4	Worse
	Non-Hispanic, AI/AN	2022	5.1	2022	5.1	-----	-----	=====			5.1	45.7	Worse
	Non-Hispanic, Asian	2022	4.3	2022	4.3	-----	-----	=====			4.3	22.9	Worse
	Non-Hispanic, NHPI	2022	4.0	2022	4.0	-----	-----	=====			4.0	14.3	Same
	Non-Hispanic, Black	2022	4.4	2022	4.4	-----	-----	=====			4.4	25.7	Worse
	Non-Hispanic, multiple races/other	2022	5.1	2022	5.1	-----	-----	=====			5.1	45.7	Worse
Income	More than \$75K	2022	3.0	2022	3.0	-----	-----	=====					
	Below poverty	2022	6.0	2022	6.0	-----	-----	=====	More than \$75K	3.0	6.0	100.0	Worse
	Poverty to less than \$75K	2022	4.5	2022	4.5	-----	-----	=====			4.5	50.0	Worse
Health insurance	Insured	2022	3.8	2022	3.8	-----	-----	=====					
	Not insured	2022	6.6	2022	6.6	-----	-----	=====	Insured	3.8	6.6	73.7	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	MSA, non-principal city	2022	3.7	2022	3.7	-----	-----	=====	=====	=====	=====	=====	=====
	MSA, principal city	2022	4.7	2022	4.7	-----	-----	=====	MSA, non-principal city	3.7	4.7	27.0	Worse
	Non-MSA	2022	4.2	2022	4.2	-----	-----	=====			4.2	13.5	Worse
Age	40-49	2022	4.1	2022	4.1	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2022	7.0	2022	7.0	-----	-----	=====	40-49	4.1	7.0	70.7	Worse
	25-29	2022	5.8	2022	5.8	-----	-----	=====			5.8	41.5	Worse
	30-39	2022	4.7	2022	4.7	-----	-----	=====			4.7	14.6	Worse
	50-64	2022	3.3	2022	3.3	-----	-----	=====			3.3	-19.5	Better
	65-74	2022	2.5	2022	2.5	-----	-----	=====			2.5	-39.0	Better
	75 and over	2022	2.7	2022	2.7	-----	-----	=====			2.7	-34.1	Better
Gender	Male	2022	4.1	2022	4.1	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2022	4.0	2022	4.0	-----	-----	=====	Male	4.1	4.0	-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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.2.16. Adults who had difficulty knowing if they were eligible for the COVID-19 booster

Source: NIS_ACM

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Benchmark: Not available

Data year for disparities analysis: 2022

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	2022	3.0	2022	3.0	-----	-----	=====					
Ethnicity	Non-Hispanic, White	2022	2.5	2022	2.5	-----	-----	=====					
	Hispanic, all races	2022	4.3	2022	4.3	-----	-----	=====	Non-Hispanic, White	2.5	4.3	72.0	Worse
	Non-Hispanic, AI/AN	2022	4.4	2022	4.4	-----	-----	=====			4.4	76.0	Worse
	Non-Hispanic, Asian	2022	3.9	2022	3.9	-----	-----	=====			3.9	56.0	Worse
	Non-Hispanic, NHPI	2022	3.8	2022	3.8	-----	-----	=====			3.8	52.0	Same
	Non-Hispanic, Black	2022	2.9	2022	2.9	-----	-----	=====			2.9	16.0	Same
	Non-Hispanic, multiple races/other	2022	4.1	2022	4.1	-----	-----	=====			4.1	64.0	Worse
Income	More than \$75K	2022	2.3	2022	2.3	-----	-----	=====					

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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
	Below poverty	2022	5.1	2022	5.1	-----	-----	=====	More than \$75K	2.3	5.1	121.7	Worse
	Poverty to less than \$75K	2022	3.1	2022	3.1	-----	-----	=====			3.1	34.8	Worse
Health insurance	Insured	2022	2.7	2022	2.7	-----	-----	=====	=====	=====	=====	=====	=====
	Not insured	2022	6.0	2022	6.0	-----	-----	=====	Insured	2.7	6.0	122.2	Worse
Metropolitan status	MSA, non-principal city	2022	2.7	2022	2.7	-----	-----	=====	=====	=====	=====	=====	=====
	MSA, principal city	2022	3.7	2022	3.7	-----	-----	=====	MSA, non-principal city	2.7	3.7	37.0	Worse
	Non-MSA	2022	2.7	2022	2.7	-----	-----	=====			2.7	0.0	Same
Age	40-49	2022	3.3	2022	3.3	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2022	5.9	2022	5.9	-----	-----	=====	40-49	3.3	5.9	78.8	Worse
	25-29	2022	5.1	2022	5.1	-----	-----	=====			5.1	54.5	Worse
	30-39	2022	3.9	2022	3.9	-----	-----	=====			3.9	18.2	Worse
	50-64	2022	2.1	2022	2.1	-----	-----	=====			2.1	-36.4	Better
	65-74	2022	1.5	2022	1.5	-----	-----	=====			1.5	-54.5	Better
	75 and over	2022	1.0	2022	1.0	-----	-----	=====			1.0	-69.7	Better
Gender	Male	2022	3.1	2022	3.1	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2022	3.0	2022	3.0	-----	-----	=====	Male	3.1	3.0	-3.2	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

----- : 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 1.2.17. Adults who had difficulty with getting the COVID-19 booster because of a reaction to a previous dose of the COVID-19 vaccine

Source: NIS_ACM

Benchmark: Not available

Data year for disparities analysis: 2022

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	2022	3.1	2022	3.1	-----	-----	=====	-----	-----	-----	-----	-----
Ethnicity	Non-Hispanic, White	2022	2.6	2022	2.6	-----	-----	=====	-----	-----	-----	-----	-----
	Hispanic, all races	2022	4.2	2022	4.2	-----	-----	=====	Non-Hispanic, White	2.6	4.2	61.5	Worse
	Non-Hispanic, AI/AN	2022	4.1	2022	4.1	-----	-----	=====			4.1	57.7	Same
	Non-Hispanic, Asian	2022	3.3	2022	3.3	-----	-----	=====			3.3	26.9	Worse
	Non-Hispanic, NHPI	2022	1.9	2022	1.9	-----	-----	=====			1.9	-26.9	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2022	2.8	2022	2.8	-----	-----	=====			2.8	7.7	Same
	Non-Hispanic, multiple races/other	2022	4.2	2022	4.2	-----	-----	=====			4.2	61.5	Worse
Income	More than \$75K	2022	2.1	2022	2.1	-----	-----	=====	=====	=====	=====	=====	=====
	Below poverty	2022	5.3	2022	5.3	-----	-----	=====	More than \$75K	2.1	5.3	152.4	Worse
	Poverty to less than \$75K	2022	3.1	2022	3.1	-----	-----	=====			3.1	47.6	Worse
Health insurance	Insured	2022	2.8	2022	2.8	-----	-----	=====	=====	=====	=====	=====	=====
	Not insured	2022	5.4	2022	5.4	-----	-----	=====	Insured	2.8	5.4	92.9	Worse
Metropolitan status	MSA, non-principal city	2022	2.9	2022	2.9	-----	-----	=====	=====	=====	=====	=====	=====
	MSA, principal city	2022	3.3	2022	3.3	-----	-----	=====	MSA, non-principal city	2.9	3.3	13.8	Worse
	Non-MSA	2022	2.9	2022	2.9	-----	-----	=====			2.9	0.0	Same
Age	40-49	2022	3.4	2022	3.4	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2022	4.3	2022	4.3	-----	-----	=====	40-49	3.4	4.3	26.5	Worse
	25-29	2022	4.1	2022	4.1	-----	-----	=====			4.1	20.6	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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
	30-39	2022	3.7	2022	3.7	-----	-----	=====			3.7	8.8	Same
	50-64	2022	2.8	2022	2.8	-----	-----	=====			2.8	-17.6	Better
	65-74	2022	1.9	2022	1.9	-----	-----	=====			1.9	-44.1	Better
	75 and over	2022	1.8	2022	1.8	-----	-----	=====			1.8	-47.1	Better
Gender	Male	2022	2.6	2022	2.6	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2022	3.4	2022	3.4	-----	-----	=====	Male	2.6	3.4	30.8	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 1.2.18. Adults who had difficulty with the cost of getting the COVID-19 booster

Source: NIS_ACM

Benchmark: Not available

Data year for disparities analysis: 2022

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	2022	2.9	2022	2.9	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2022	2.2	2022	2.2	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2022	4.7	2022	4.7	-----	-----	=====	Non-Hispanic, White	2.2	4.7	113.6	Worse
	Non-Hispanic, AI/AN	2022	4.3	2022	4.3	-----	-----	=====			4.3	95.5	Worse
	Non-Hispanic, Asian	2022	3.0	2022	3.0	-----	-----	=====			3.0	36.4	Worse
	Non-Hispanic, NHPI	2022	5.4	2022	5.4	-----	-----	=====			5.4	145.5	Worse
	Non-Hispanic, Black	2022	3.3	2022	3.3	-----	-----	=====			3.3	50.0	Worse
	Non-Hispanic, multiple races/other	2022	4.0	2022	4.0	-----	-----	=====			4.0	81.8	Worse
Income	More than \$75K	2022	1.6	2022	1.6	-----	-----	=====	=====	=====	=====	=====	=====
	Below poverty	2022	5.8	2022	5.8	-----	-----	=====	More than \$75K	1.6	5.8	262.5	Worse
	Poverty to less than \$75K	2022	3.4	2022	3.4	-----	-----	=====			3.4	112.5	Worse
Health insurance	Insured	2022	2.4	2022	2.4	-----	-----	=====	=====	=====	=====	=====	=====
	Not insured	2022	7.7	2022	7.7	-----	-----	=====	Insured	2.4	7.7	220.8	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	MSA, non-principal city	2022	2.5	2022	2.5	-----	-----	=====	=====	=====	=====	=====	=====
	MSA, principal city	2022	3.5	2022	3.5	-----	-----	=====	MSA, non-principal city	2.5	3.5	40.0	Worse
	Non-MSA	2022	2.7	2022	2.7	-----	-----	=====			2.7	8.0	Same
Age	40-49	2022	3.3	2022	3.3	-----	-----	=====	=====	=====	=====	=====	=====
	18-24	2022	6.4	2022	6.4	-----	-----	=====	40-49	3.3	6.4	93.9	Worse
	25-29	2022	5.6	2022	5.6	-----	-----	=====			5.6	69.7	Worse
	30-39	2022	3.6	2022	3.6	-----	-----	=====			3.6	9.1	Same
	50-64	2022	1.8	2022	1.8	-----	-----	=====			1.8	-45.5	Better
	65-74	2022	0.8	2022	0.8	-----	-----	=====			0.8	-75.8	Better
	75 and over	2022	0.9	2022	0.9	-----	-----	=====			0.9	-72.7	Better
Gender	Male	2022	3.0	2022	3.0	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2022	2.7	2022	2.7	-----	-----	=====	Male	3.0	2.7	-10.0	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 1.2.19. Adults who provide direct medical care services who received at least one COVID-19 vaccination

Source: NHIS

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	78.0	2021	78.0	-----	-----	=====					
Race	White	2021	77.8	2021	77.8	-----	-----	=====					
	Asian	2021	91.1	2021	91.1	-----	-----	=====	White	77.8	91.1	-59.9	Better
	Black	2021	68.9	2021	68.9	-----	-----	=====			68.9	40.1	Worse
Ethnicity	Non-Hispanic, White	2021	77.9	2021	77.9	-----	-----	=====					
	Hispanic, all races	2021	81.2	2021	81.2	-----	-----	=====	Non-Hispanic, White	77.9	81.2	-14.9	Same
	Non-Hispanic, all races	2021	77.5	2021	77.5	-----	-----	=====			77.5	1.8	Same
	Non-Hispanic, Asian	2021	91.1	2021	91.1	-----	-----	=====			91.1	-59.7	Better
	Non-Hispanic, Black	2021	68.1	2021	68.1	-----	-----	=====			68.1	44.3	Worse
Income	400% of PL or more	2021	85.0	2021	85.0	-----	-----	=====					
	Less than 100% of PL	2021	68.2	2021	68.2	-----	-----	=====	400% of PL or more	85.0	68.2	112.0	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	57.4	2021	57.4	-----	-----	=====			57.4	184.0	Worse
	200%-399% of PL	2021	76.8	2021	76.8	-----	-----	=====			76.8	54.7	Worse
Health insurance	Any private	2021	81.7	2021	81.7	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	59.1	2021	59.1	-----	-----	=====	Any private	81.7	59.1	123.5	Worse
	Uninsured	2021	57.2	2021	57.2	-----	-----	=====			57.2	133.9	Worse
Metropolitan status	Large fringe metro	2021	80.9	2021	80.9	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	79.5	2021	79.5	-----	-----	=====	Large fringe metro	80.9	79.5	7.3	Same
	Large central metro	2021	81.8	2021	81.8	-----	-----	=====			81.8	-4.7	Same
	Medium metro	2021	82.8	2021	82.8	-----	-----	=====			82.8	-9.9	Same
	Small metro	2021	64.2	2021	64.2	-----	-----	=====			64.2	87.4	Worse
	Micropolitan (nonmetro)	2021	71.8	2021	71.8	-----	-----	=====			71.8	47.6	Same
	Noncore (nonmetro)	2021	62.4	2021	62.4	-----	-----	=====			62.4	96.9	Worse
Age	18-44	2021	71.3	2021	71.3	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	86.3	2021	86.3	-----	-----	=====	18-44	71.3	86.3	-52.3	Better

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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 and over	2021	92.1	2021	92.1	-----	-----	=====			92.1	-72.5	Better
Disability status	Without disability	2021	78.5	2021	78.5	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	66.9	2021	66.9	-----	-----	=====	Without disability	78.5	66.9	54.0	Same
Gender	Male	2021	78.1	2021	78.1	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	77.9	2021	77.9	-----	-----	=====	Male	78.1	77.9	0.9	Same
Education	At least some college	2021	83.5	2021	83.5	-----	-----	=====	=====	=====	=====	=====	=====
	High school graduate	2021	62.8	2021	62.8	-----	-----	=====	At least some college	83.5	62.8	125.5	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 1.2.20. Adults who provide direct medical care services who received two COVID-19 vaccinations

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.

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	62.8	2021	62.8	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	62.4	2021	62.4	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	69.5	2021	69.5	-----	-----	=====	White	62.4	69.5	-18.9	Same
	Black	2021	58.0	2021	58.0	-----	-----	=====			58.0	11.7	Same
Ethnicity	Non-Hispanic, White	2021	63.5	2021	63.5	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	60.2	2021	60.2	-----	-----	=====	Non-Hispanic, White	63.5	60.2	9.0	Same
	Non-Hispanic, all races	2021	63.2	2021	63.2	-----	-----	=====			63.2	0.8	Same
	Non-Hispanic, Asian	2021	69.5	2021	69.5	-----	-----	=====			69.5	-16.4	Same
	Non-Hispanic, Black	2021	57.9	2021	57.9	-----	-----	=====			57.9	15.3	Same
Income	400% of PL or more	2021	68.0	2021	68.0	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	57.1	2021	57.1	-----	-----	=====	400% of PL or more	68.0	57.1	34.1	Same
	100%-199% of PL	2021	45.1	2021	45.1	-----	-----	=====			45.1	71.6	Worse
	200%-399% of PL	2021	62.5	2021	62.5	-----	-----	=====			62.5	17.2	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	66.8	2021	66.8	-----	-----	=====					
	Public only	2021	44.7	2021	44.7	-----	-----	=====	Any private	66.8	44.7	66.6	Worse
	Uninsured	2021	44.3	2021	44.3	-----	-----	=====			44.3	67.8	Worse
Metropolitan status	Large fringe metro	2021	65.3	2021	65.3	-----	-----	=====					
	Metropolitan	2021	63.6	2021	63.6	-----	-----	=====	Large fringe metro	65.3	63.6	4.9	Same
	Large central metro	2021	64.5	2021	64.5	-----	-----	=====			64.5	2.3	Same
	Medium metro	2021	66.4	2021	66.4	-----	-----	=====			66.4	-3.2	Same
	Small metro	2021	52.2	2021	52.2	-----	-----	=====			52.2	37.8	Worse
	Micropolitan (nonmetro)	2021	60.6	2021	60.6	-----	-----	=====			60.6	13.5	Same
	Noncore (nonmetro)	2021	52.2	2021	52.2	-----	-----	=====			52.2	37.8	Same
Age	18-44	2021	58.0	2021	58.0	-----	-----	=====					
	45-64	2021	68.6	2021	68.6	-----	-----	=====	18-44	58.0	68.6	-25.2	Better
	65 and over	2021	73.1	2021	73.1	-----	-----	=====			73.1	-36.0	Better
Disability status	Without disability	2021	63.3	2021	63.3	-----	-----	=====					

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	52.3	2021	52.3	-----	-----	=====	Without disability	63.3	52.3	30.0	Same
Gender	Male	2021	61.9	2021	61.9	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	63.1	2021	63.1	-----	-----	=====	Male	61.9	63.1	-3.1	Same
Education	At least some college	2021	67.8	2021	67.8	-----	-----	=====	=====	=====	=====	=====	=====
	High school graduate	2021	48.4	2021	48.4	-----	-----	=====	At least some college	67.8	48.4	60.2	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 1.2.21. Adults who provide direct medical care services who received three or more COVID-19 vaccinations

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.

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	8.8	2021	8.8	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	8.7	2021	8.7	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	19.3	2021	19.3	-----	-----	=====	White	8.7	19.3	-11.6	Better
Ethnicity	Non-Hispanic, White	2021	9.3	2021	9.3	-----	-----	=====	=====	=====	=====	=====	=====
	Non-Hispanic, all races	2021	9.4	2021	9.4	-----	-----	=====	Non-Hispanic, White	9.3	9.4	-0.1	Same
	Non-Hispanic, Asian	2021	19.3	2021	19.3	-----	-----	=====			19.3	-11.0	Better
Income	400% of PL or more	2021	12.6	2021	12.6	-----	-----	=====	=====	=====	=====	=====	=====
	200%-399% of PL	2021	6.5	2021	6.5	-----	-----	=====	400% of PL or more	12.6	6.5	7.0	Same
Health insurance	Any private	2021	9.5	2021	9.5	-----	-----	=====	=====	=====	=====	=====	=====
Metropolitan status	Large fringe metro	2021	9.4	2021	9.4	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	9.3	2021	9.3	-----	-----	=====	Large fringe metro	9.4	9.3	0.1	Same
	Large central metro	2021	12.0	2021	12.0	-----	-----	=====			12.0	-2.9	Same
	Medium metro	2021	7.9	2021	7.9	-----	-----	=====			7.9	1.7	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	18-44	2021	6.3	2021	6.3	-----	-----	=====					
	45-64	2021	11.5	2021	11.5	-----	-----	=====	18-44	6.3	11.5	-5.5	Same
	65 and over	2021	15.4	2021	15.4	-----	-----	=====			15.4	-9.7	Same
Disability status	Without disability	2021	9.0	2021	9.0	-----	-----	=====					
Gender	Male	2021	10.4	2021	10.4	-----	-----	=====					
	Female	2021	8.1	2021	8.1	-----	-----	=====	Male	10.4	8.1	2.6	Same
Education	At least some college	2021	10.1	2021	10.1	-----	-----	=====					

----- : 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 1.2.22. Adults who work in healthcare settings but do not provide direct medical care services who received at least one COVID-19 vaccination

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.

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	79.4	2021	79.4	-----	-----	=====					
Race	White	2021	82.8	2021	82.8	-----	-----	=====					
	Black	2021	64.1	2021	64.1	-----	-----	=====	White	82.8	64.1	108.7	Worse
Ethnicity	Non-Hispanic, White	2021	82.7	2021	82.7	-----	-----	=====					
	Hispanic, all races	2021	75.2	2021	75.2	-----	-----	=====	Non-Hispanic, White	82.7	75.2	43.4	Same
	Non-Hispanic, all races	2021	80.0	2021	80.0	-----	-----	=====			80.0	15.6	Same
	Non-Hispanic, Black	2021	64.8	2021	64.8	-----	-----	=====			64.8	103.5	Worse
Income	400% of PL or more	2021	87.4	2021	87.4	-----	-----	=====					
	100%-199% of PL	2021	60.3	2021	60.3	-----	-----	=====	400% of PL or more	87.4	60.3	215.1	Worse
	200%-399% of PL	2021	79.2	2021	79.2	-----	-----	=====			79.2	65.1	Same
Health insurance	Any private	2021	83.7	2021	83.7	-----	-----	=====					
Metropolitan status	Large fringe metro	2021	85.3	2021	85.3	-----	-----	=====					
	Metropolitan	2021	80.6	2021	80.6	-----	-----	=====	Large fringe metro	85.3	80.6	32.0	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	84.0	2021	84.0	-----	-----	=====			84.0	8.8	Same
	Medium metro	2021	76.5	2021	76.5	-----	-----	=====			76.5	59.9	Same
	Small metro	2021	69.2	2021	69.2	-----	-----	=====			69.2	109.5	Worse
Age	18-44	2021	73.8	2021	73.8	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	85.3	2021	85.3	-----	-----	=====	18-44	73.8	85.3	-43.9	Better
	65 and over	2021	83.2	2021	83.2	-----	-----	=====			83.2	-35.9	Same
Disability status	Without disability	2021	79.9	2021	79.9	-----	-----	=====	=====	=====	=====	=====	=====
Gender	Male	2021	84.7	2021	84.7	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	76.6	2021	76.6	-----	-----	=====	Male	84.7	76.6	52.9	Worse
Education	At least some college	2021	83.7	2021	83.7	-----	-----	=====	=====	=====	=====	=====	=====
	High school graduate	2021	70.3	2021	70.3	-----	-----	=====	At least some college	83.7	70.3	82.2	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 1.2.23. Adults who work in healthcare settings but do not provide direct medical care services who received two COVID-19 vaccinations

Source: NHIS

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	65.4	2021	65.4	-----	-----	=====					
Race	White	2021	66.7	2021	66.7	-----	-----	=====					
	Black	2021	57.0	2021	57.0	-----	-----	=====	White	66.7	57.0	29.1	Same
Ethnicity	Non-Hispanic, White	2021	65.5	2021	65.5	-----	-----	=====					
	Hispanic, all races	2021	69.8	2021	69.8	-----	-----	=====	Non-Hispanic, White	65.5	69.8	-12.5	Same
	Non-Hispanic, all races	2021	64.8	2021	64.8	-----	-----	=====			64.8	2.0	Same
	Non-Hispanic, Black	2021	57.7	2021	57.7	-----	-----	=====			57.7	22.6	Same
Income	400% of PL or more	2021	69.6	2021	69.6	-----	-----	=====					
	100%-199% of PL	2021	51.6	2021	51.6	-----	-----	=====	400% of PL or more	69.6	51.6	59.2	Worse
	200%-399% of PL	2021	68.1	2021	68.1	-----	-----	=====			68.1	4.9	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	2021	69.2	2021	69.2	-----	-----	=====	=====	=====	=====	=====	=====
Metropolitan status	Large fringe metro	2021	69.3	2021	69.3	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	66.4	2021	66.4	-----	-----	=====	Large fringe metro	69.3	66.4	9.4	Same
	Large central metro	2021	71.1	2021	71.1	-----	-----	=====			71.1	-5.9	Same
	Medium metro	2021	61.2	2021	61.2	-----	-----	=====			61.2	26.4	Same
	Small metro	2021	58.3	2021	58.3	-----	-----	=====			58.3	35.8	Same
Age	18-44	2021	62.6	2021	62.6	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	69.8	2021	69.8	-----	-----	=====	18-44	62.6	69.8	-19.3	Same
	65 and over	2021	63.2	2021	63.2	-----	-----	=====			63.2	-1.6	Same
Disability status	Without disability	2021	66.5	2021	66.5	-----	-----	=====	=====	=====	=====	=====	=====
Gender	Male	2021	70.1	2021	70.1	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	63.0	2021	63.0	-----	-----	=====	Male	70.1	63.0	23.7	Same
Education	At least some college	2021	67.7	2021	67.7	-----	-----	=====	=====	=====	=====	=====	=====
	High school graduate	2021	56.9	2021	56.9	-----	-----	=====	At least some college	67.7	56.9	33.4	Same

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

===== : Not applicable.

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

Appendix Table 1.2.24. Adults who work in healthcare settings but do not provide direct medical care services who received three or more COVID-19 vaccinations

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	2021	6.5	2021	6.5	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	7.1	2021	7.1	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2021	7.4	2021	7.4	-----	-----	=====	=====	=====	=====	=====	=====
	Non-Hispanic, all races	2021	7.0	2021	7.0	-----	-----	=====	Non-Hispanic, White	7.4	7.0	0.4	Same
Income	400% of PL or more	2021	9.1	2021	9.1	-----	-----	=====	=====	=====	=====	=====	=====
Health insurance	Any private	2021	5.9	2021	5.9	-----	-----	=====	=====	=====	=====	=====	=====
Metropolitan status	Metropolitan	2021	6.5	2021	6.5	-----	-----	=====	-----	-----	-----	-----	-----

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

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	45-64	2021	7.4	2021	7.4	-----	-----	=====	-----	-----	-----	-----	-----
	65 and over	2021	16.3	2021	16.3	-----	-----	=====			-----	-----	-----
Disability status	Without disability	2021	6.0	2021	6.0	-----	-----	=====	=====	=====	=====	=====	=====
Gender	Male	2021	5.1	2021	5.1	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	7.2	2021	7.2	-----	-----	=====	Male	5.1	7.2	-2.2	Same
Education	At least some college	2021	7.7	2021	7.7	-----	-----	=====	=====	=====	=====	=====	=====

----- : 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: 1. COVID-19 Experiences, Subcategory: 2. COVID-19 Vaccination

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Appendix Table 1.3.1. Adults who did not get medical care because of COVID-19

Source: NHIS

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	2021	12.0	2021	12.0	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	12.2	2021	12.2	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	14.8	2021	14.8	-----	-----	=====	White	12.2	14.8	21.3	Same
	Asian	2021	9.5	2021	9.5	-----	-----	=====			9.5	-22.1	Better
	Black	2021	10.9	2021	10.9	-----	-----	=====			10.9	-10.7	Same
	Multiple races	2021	18.0	2021	18.0	-----	-----	=====			18.0	47.5	Worse
Ethnicity	Non-Hispanic, White	2021	12.2	2021	12.2	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	11.8	2021	11.8	-----	-----	=====	Non-Hispanic, White	12.2	11.8	-3.3	Same
	Non-Hispanic, all races	2021	12.0	2021	12.0	-----	-----	=====			12.0	-1.6	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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, AI/AN	2021	14.5	2021	14.5	-----	-----	=====			14.5	18.9	Same
	Non-Hispanic, Asian	2021	9.6	2021	9.6	-----	-----	=====			9.6	-21.3	Better
	Non-Hispanic, Black	2021	10.8	2021	10.8	-----	-----	=====			10.8	-11.5	Same
	Non-Hispanic, multiple races	2021	18.3	2021	18.3	-----	-----	=====			18.3	50.0	Worse
Income	400% of PL or more	2021	12.3	2021	12.3	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	14.5	2021	14.5	-----	-----	=====	400% of PL or more	12.3	14.5	17.9	Worse
	100%-199% of PL	2021	11.6	2021	11.6	-----	-----	=====			11.6	-5.7	Same
	200%-399% of PL	2021	10.8	2021	10.8	-----	-----	=====			10.8	-12.2	Better
Health insurance	Any private	2021	12.2	2021	12.2	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	14.7	2021	14.7	-----	-----	=====	Any private	12.2	14.7	20.5	Worse
	Uninsured	2021	10.1	2021	10.1	-----	-----	=====			10.1	-17.2	Better
Metropolitan status	Large fringe metro	2021	12.2	2021	12.2	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	12.1	2021	12.1	-----	-----	=====	Large fringe metro	12.2	12.1	-0.8	Same
	Large central metro	2021	13.4	2021	13.4	-----	-----	=====			13.4	9.8	Same
	Medium metro	2021	10.8	2021	10.8	-----	-----	=====			10.8	-11.5	Better
	Small metro	2021	10.1	2021	10.1	-----	-----	=====			10.1	-17.2	Better
	Micropolitan (nonmetro)	2021	12.2	2021	12.2	-----	-----	=====			12.2	0.0	Same
	Noncore (nonmetro)	2021	9.4	2021	9.4	-----	-----	=====			9.4	-23.0	Better
Age	18-44	2021	10.8	2021	10.8	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	14.5	2021	14.5	-----	-----	=====	18-44	10.8	14.5	34.3	Worse
	65 and over	2021	10.6	2021	10.6	-----	-----	=====			10.6	-1.9	Same
Disability status	Without disability	2021	11.2	2021	11.2	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	20.2	2021	20.2	-----	-----	=====	Without disability	11.2	20.2	80.4	Worse
Gender	Male	2021	9.4	2021	9.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	14.4	2021	14.4	-----	-----	=====	Male	9.4	14.4	53.2	Worse
Education	At least some college	2021	14.1	2021	14.1	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	10.5	2021	10.5	-----	-----	=====	At least some college	14.1	10.5	-25.5	Better
	High school graduate	2021	9.8	2021	9.8	-----	-----	=====			9.8	-30.5	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 1.3.2. Children who did not get medical care because of COVID-19

Source: NHIS

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	2021	5.2	2021	5.2	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	5.6	2021	5.6	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	3.2	2021	3.2	-----	-----	=====	White	5.6	3.2	-42.9	Better

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	4.6	2021	4.6	-----	-----	=====			4.6	-17.9	Same
	Multiple races	2021	5.9	2021	5.9	-----	-----	=====			5.9	5.4	Same
Ethnicity	Non-Hispanic, White	2021	5.4	2021	5.4	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	5.3	2021	5.3	-----	-----	=====	Non-Hispanic, White	5.4	5.3	-1.9	Same
	Non-Hispanic, all races	2021	5.1	2021	5.1	-----	-----	=====			5.1	-5.6	Same
	Non-Hispanic, Asian	2021	3.3	2021	3.3	-----	-----	=====			3.3	-38.9	Better
	Non-Hispanic, Black	2021	4.8	2021	4.8	-----	-----	=====			4.8	-11.1	Same
	Non-Hispanic, multiple races	2021	5.5	2021	5.5	-----	-----	=====			5.5	1.9	Same
Income	400% of PL or more	2021	4.9	2021	4.9	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	5.9	2021	5.9	-----	-----	=====	400% of PL or more	4.9	5.9	20.4	Same
	100%-199% of PL	2021	5.7	2021	5.7	-----	-----	=====			5.7	16.3	Same
	200%-399% of PL	2021	4.7	2021	4.7	-----	-----	=====			4.7	-4.1	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	5.1	2021	5.1	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	5.5	2021	5.5	-----	-----	=====	Any private	5.1	5.5	7.8	Same
Metropolitan status	Large fringe metro	2021	5.5	2021	5.5	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	5.4	2021	5.4	-----	-----	=====	Large fringe metro	5.5	5.4	-1.8	Same
	Large central metro	2021	5.8	2021	5.8	-----	-----	=====			5.8	5.5	Same
	Medium metro	2021	4.8	2021	4.8	-----	-----	=====			4.8	-12.7	Same
	Small metro	2021	5.6	2021	5.6	-----	-----	=====			5.6	1.8	Same
	Micropolitan (nonmetro)	2021	4.2	2021	4.2	-----	-----	=====			4.2	-23.6	Same
Age	0-5	2021	5.7	2021	5.7	-----	-----	=====	=====	=====	=====	=====	=====
	6-11	2021	5.0	2021	5.0	-----	-----	=====	0-5	5.7	5.0	-12.3	Same
	12-17	2021	4.9	2021	4.9	-----	-----	=====			4.9	-14.0	Same
Gender	Male	2021	4.8	2021	4.8	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	5.6	2021	5.6	-----	-----	=====	Male	4.8	5.6	16.7	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>.

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Appendix Table 1.3.3. Adults receiving treatment for cancer who changed, delayed, or canceled cancer treatment because of COVID-19

Source: NHIS

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	2021	16.2	2021	16.2	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	15.3	2021	15.3	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2021	15.0	2021	15.0	-----	-----	=====	=====	=====	=====	=====	=====
	Non-Hispanic, all races	2021	15.7	2021	15.7	-----	-----	=====	Non-Hispanic, White	15.0	15.7	4.7	Same
Income	400% of PL or more	2021	14.7	2021	14.7	-----	-----	=====	=====	=====	=====	=====	=====
	100%-199% of PL	2021	14.7	2021	14.7	-----	-----	=====	400% of PL or more	14.7	14.7	0.0	Same
	200%-399% of PL	2021	18.9	2021	18.9	-----	-----	=====			18.9	28.6	Same
Health insurance	Any private	2021	15.7	2021	15.7	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	27.9	2021	27.9	-----	-----	=====	Any private	15.7	27.9	77.7	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	11.3	2021	11.3	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	16.3	2021	16.3	-----	-----	=====	Large fringe metro	11.3	16.3	44.2	Same
	Large central metro	2021	16.9	2021	16.9	-----	-----	=====			16.9	49.6	Same
	Medium metro	2021	20.4	2021	20.4	-----	-----	=====			20.4	80.5	Worse
Age	18-44	2021	22.2	2021	22.2	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	19.0	2021	19.0	-----	-----	=====	18-44	22.2	19.0	-14.4	Same
	65 and over	2021	13.6	2021	13.6	-----	-----	=====			13.6	-38.7	Same
Disability status	Without disability	2021	15.1	2021	15.1	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	20.8	2021	20.8	-----	-----	=====	Without disability	15.1	20.8	37.7	Same
Gender	Male	2021	17.8	2021	17.8	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	14.7	2021	14.7	-----	-----	=====	Male	17.8	14.7	-17.4	Same
Education	At least some college	2021	18.5	2021	18.5	-----	-----	=====	=====	=====	=====	=====	=====
	High school graduate	2021	11.8	2021	11.8	-----	-----	=====	At least some college	18.5	11.8	-36.2	Same

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

===== : Not applicable.

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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

Appendix Table 1.3.4. Adults who ever had cancer receiving medical care for other conditions related to cancer who changed, delayed, or canceled treatment because of COVID-19

Source: NHIS

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	2021	26.2	2021	26.2	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	25.7	2021	25.7	-----	-----	=====	=====	=====	=====	=====	=====
	Black	2021	30.4	2021	30.4	-----	-----	=====	White	25.7	30.4	18.3	Same
Ethnicity	Non-Hispanic, White	2021	25.9	2021	25.9	-----	-----	=====	=====	=====	=====	=====	=====
	Non-Hispanic, all races	2021	25.8	2021	25.8	-----	-----	=====	Non-Hispanic, White	25.9	25.8	-0.4	Same
	Non-Hispanic, Black	2021	30.4	2021	30.4	-----	-----	=====			30.4	17.4	Same
Income	400% of PL or more	2021	24.8	2021	24.8	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	23.4	2021	23.4	-----	-----	=====	400% of PL or more	24.8	23.4	-5.6	Same
	100%-199% of PL	2021	32.4	2021	32.4	-----	-----	=====			32.4	30.6	Same
	200%-399% of PL	2021	26.6	2021	26.6	-----	-----	=====			26.6	7.3	Same
Health insurance	Any private	2021	32.0	2021	32.0	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	29.4	2021	29.4	-----	-----	=====	Any private	32.0	29.4	-8.1	Same
Metropolitan status	Large fringe metro	2021	22.8	2021	22.8	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	27.2	2021	27.2	-----	-----	=====	Large fringe metro	22.8	27.2	19.3	Same
	Large central metro	2021	28.7	2021	28.7	-----	-----	=====			28.7	25.9	Same
	Medium metro	2021	31.3	2021	31.3	-----	-----	=====			31.3	37.3	Same
	Small metro	2021	25.0	2021	25.0	-----	-----	=====			25.0	9.6	Same
	Micropolitan (nonmetro)	2021	16.0	2021	16.0	-----	-----	=====			16.0	-29.8	Same
Age	18-44	2021	33.4	2021	33.4	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	30.7	2021	30.7	-----	-----	=====	18-44	33.4	30.7	-8.1	Same
	65 and over	2021	21.9	2021	21.9	-----	-----	=====			21.9	-34.4	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	25.8	2021	25.8	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	27.8	2021	27.8	-----	-----	=====	Without disability	25.8	27.8	7.8	Same
Gender	Male	2021	22.4	2021	22.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	29.0	2021	29.0	-----	-----	=====	Male	22.4	29.0	29.5	Same
Education	At least some college	2021	27.6	2021	27.6	-----	-----	=====	=====	=====	=====	=====	=====
	High school graduate	2021	26.9	2021	26.9	-----	-----	=====	At least some college	27.6	26.9	-2.5	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.3.5. Adults who received home healthcare services in the past 12 months

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Percentages were flipped to negative direction for calculations.

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	3.8	2021	3.8	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	4.0	2021	4.0	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	1.9	2021	1.9	-----	-----	=====	White	4.0	1.9	2.2	Same
	Black	2021	4.8	2021	4.8	-----	-----	=====			4.8	-0.8	Same
	Multiple races	2021	3.1	2021	3.1	-----	-----	=====			3.1	0.9	Same
Ethnicity	Non-Hispanic, White	2021	4.1	2021	4.1	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	2.8	2021	2.8	-----	-----	=====	Non-Hispanic, White	4.1	2.8	1.4	Same
	Non-Hispanic, all races	2021	4.0	2021	4.0	-----	-----	=====			4.0	0.1	Same
	Non-Hispanic, Asian	2021	1.9	2021	1.9	-----	-----	=====			1.9	2.3	Same
	Non-Hispanic, Black	2021	4.8	2021	4.8	-----	-----	=====			4.8	-0.7	Same
	Non-Hispanic, multiple races	2021	2.7	2021	2.7	-----	-----	=====			2.7	1.5	Same
Income	400% of PL or more	2021	2.6	2021	2.6	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	6.3	2021	6.3	-----	-----	=====	400% of PL or more	2.6	6.3	-3.8	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	5.4	2021	5.4	-----	-----	=====			5.4	-2.9	Same
	200%-399% of PL	2021	3.9	2021	3.9	-----	-----	=====			3.9	-1.3	Same
Health insurance	Any private	2021	1.5	2021	1.5	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	4.6	2021	4.6	-----	-----	=====	Any private	1.5	4.6	-3.1	Same
	Uninsured	2021	0.8	2021	0.8	-----	-----	=====			0.8	0.7	Same
Metropolitan status	Large fringe metro	2021	3.7	2021	3.7	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	3.8	2021	3.8	-----	-----	=====	Large fringe metro	3.7	3.8	-0.1	Same
	Large central metro	2021	3.6	2021	3.6	-----	-----	=====			3.6	0.1	Same
	Medium metro	2021	4.2	2021	4.2	-----	-----	=====			4.2	-0.5	Same
	Small metro	2021	3.8	2021	3.8	-----	-----	=====			3.8	-0.1	Same
	Micropolitan (nonmetro)	2021	3.2	2021	3.2	-----	-----	=====			3.2	0.5	Same
	Noncore (nonmetro)	2021	5.4	2021	5.4	-----	-----	=====			5.4	-1.8	Same
Age	18-44	2021	1.3	2021	1.3	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	2.9	2021	2.9	-----	-----	=====	18-44	1.3	2.9	-1.6	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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 and over	2021	10.3	2021	10.3	-----	-----	=====			10.3	-9.1	Same
Disability status	Without disability	2021	2.4	2021	2.4	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	18.9	2021	18.9	-----	-----	=====	Without disability	2.4	18.9	-16.9	Higher than reference group
Gender	Male	2021	3.3	2021	3.3	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	4.3	2021	4.3	-----	-----	=====	Male	3.3	4.3	-1.0	Same
Education	At least some college	2021	3.3	2021	3.3	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	8.0	2021	8.0	-----	-----	=====	At least some college	3.3	8.0	-4.9	Same
	High school graduate	2021	5.0	2021	5.0	-----	-----	=====			5.0	-1.8	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 1.3.6. Adults who needed home healthcare services who did not receive nurse or professional home healthcare because of COVID-19

Source: NHIS

Benchmark: Not available

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	0.8	2021	0.8	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	0.7	2021	0.7	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	0.8	2021	0.8	-----	-----	=====	White	0.7	0.8	14.3	Same
	Black	2021	1.1	2021	1.1	-----	-----	=====			1.1	57.1	Same
Ethnicity	Non-Hispanic, White	2021	0.6	2021	0.6	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	1.0	2021	1.0	-----	-----	=====	Non-Hispanic, White	0.6	1.0	66.7	Same
	Non-Hispanic, all races	2021	0.8	2021	0.8	-----	-----	=====			0.8	33.3	Same
	Non-Hispanic, Asian	2021	0.8	2021	0.8	-----	-----	=====			0.8	33.3	Same
	Non-Hispanic, Black	2021	1.1	2021	1.1	-----	-----	=====			1.1	83.3	Worse
Income	400% of PL or more	2021	0.4	2021	0.4	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	2.0	2021	2.0	-----	-----	=====	400% of PL or more	0.4	2.0	400.0	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	1.3	2021	1.3	-----	-----	=====			1.3	225.0	Worse
	200%-399% of PL	2021	0.6	2021	0.6	-----	-----	=====			0.6	50.0	Same
Health insurance	Any private	2021	0.4	2021	0.4	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	1.8	2021	1.8	-----	-----	=====	Any private	0.4	1.8	350.0	Worse
	Uninsured	2021	0.7	2021	0.7	-----	-----	=====			0.7	75.0	Same
Metropolitan status	Large fringe metro	2021	0.7	2021	0.7	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	0.8	2021	0.8	-----	-----	=====	Large fringe metro	0.7	0.8	14.3	Same
	Large central metro	2021	1.0	2021	1.0	-----	-----	=====			1.0	42.9	Worse
	Medium metro	2021	0.8	2021	0.8	-----	-----	=====			0.8	14.3	Same
	Small metro	2021	0.6	2021	0.6	-----	-----	=====			0.6	-14.3	Same
	Micropolitan (nonmetro)	2021	0.7	2021	0.7	-----	-----	=====			0.7	0.0	Same
	Noncore (nonmetro)	2021	0.7	2021	0.7	-----	-----	=====			0.7	0.0	Same
Age	18-44	2021	0.5	2021	0.5	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	1.0	2021	1.0	-----	-----	=====	18-44	0.5	1.0	100.0	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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 and over	2021	1.2	2021	1.2	-----	-----	=====			1.2	140.0	Worse
Disability status	Without disability	2021	0.5	2021	0.5	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	3.9	2021	3.9	-----	-----	=====	Without disability	0.5	3.9	680.0	Worse
Gender	Male	2021	0.7	2021	0.7	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	0.9	2021	0.9	-----	-----	=====	Male	0.7	0.9	28.6	Same
Education	At least some college	2021	0.8	2021	0.8	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	1.4	2021	1.4	-----	-----	=====	At least some college	0.8	1.4	75.0	Worse
	High school graduate	2021	0.8	2021	0.8	-----	-----	=====			0.8	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.3.7. Adults who received care at home from a family member or friend in the past 12 months

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2021

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Note: 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	11.9	2021	11.9	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	12.0	2021	12.0	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	21.7	2021	21.7	-----	-----	=====	White	12.0	21.7	-11.0	Higher than reference group
	Asian	2021	8.2	2021	8.2	-----	-----	=====			8.2	4.3	Same
	Black	2021	11.6	2021	11.6	-----	-----	=====			11.6	0.5	Same
	Multiple races	2021	14.1	2021	14.1	-----	-----	=====			14.1	-2.4	Same
Ethnicity	Non-Hispanic, White	2021	12.1	2021	12.1	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	12.2	2021	12.2	-----	-----	=====	Non-Hispanic, White	12.1	12.2	-0.1	Same
	Non-Hispanic, all races	2021	11.8	2021	11.8	-----	-----	=====			11.8	0.3	Same
	Non-Hispanic, AI/AN	2021	21.1	2021	21.1	-----	-----	=====			21.1	-10.2	Higher than reference group
	Non-Hispanic, Asian	2021	8.2	2021	8.2	-----	-----	=====			8.2	4.4	Same
	Non-Hispanic, Black	2021	11.7	2021	11.7	-----	-----	=====			11.7	0.5	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	13.6	2021	13.6	-----	-----	=====			13.6	-1.7	Same
Income	400% of PL or more	2021	9.3	2021	9.3	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	16.8	2021	16.8	-----	-----	=====	400% of PL or more	9.3	16.8	-8.3	Same
	100%-199% of PL	2021	15.1	2021	15.1	-----	-----	=====			15.1	-6.4	Same
	200%-399% of PL	2021	12.1	2021	12.1	-----	-----	=====			12.1	-3.1	Same
Health insurance	Any private	2021	8.6	2021	8.6	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	16.8	2021	16.8	-----	-----	=====	Any private	8.6	16.8	-9.0	Same
	Uninsured	2021	8.5	2021	8.5	-----	-----	=====			8.5	0.1	Same
Metropolitan status	Large fringe metro	2021	10.7	2021	10.7	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	11.3	2021	11.3	-----	-----	=====	Large fringe metro	10.7	11.3	-0.7	Same
	Large central metro	2021	11.2	2021	11.2	-----	-----	=====			11.2	-0.6	Same
	Medium metro	2021	12.5	2021	12.5	-----	-----	=====			12.5	-2.0	Same
	Small metro	2021	10.8	2021	10.8	-----	-----	=====			10.8	-0.1	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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)	2021	15.0	2021	15.0	-----	-----	=====			15.0	-4.8	Same
	Noncore (nonmetro)	2021	15.7	2021	15.7	-----	-----	=====			15.7	-5.6	Same
Age	18-44	2021	9.8	2021	9.8	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	10.5	2021	10.5	-----	-----	=====	18-44	9.8	10.5	-0.8	Same
	65 and over	2021	18.2	2021	18.2	-----	-----	=====			18.2	-9.3	Same
Disability status	Without disability	2021	9.2	2021	9.2	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	39.9	2021	39.9	-----	-----	=====	Without disability	9.2	39.9	-33.8	Higher than reference group
Gender	Male	2021	11.1	2021	11.1	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	12.6	2021	12.6	-----	-----	=====	Male	11.1	12.6	-1.7	Same
Education	At least some college	2021	10.2	2021	10.2	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	19.4	2021	19.4	-----	-----	=====	At least some college	10.2	19.4	-10.2	Higher than reference group
	High school graduate	2021	13.0	2021	13.0	-----	-----	=====			13.0	-3.1	Same

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

===== : Not applicable.

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

Appendix Table 1.3.8. Adults who had a family member or friend provide care that a professional home healthcare provider did not because of COVID-19

Source: NHIS

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	2021	60.5	2021	60.5	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	60.7	2021	60.7	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2021	59.6	2021	59.6	-----	-----	=====	=====	=====	=====	=====	=====
	Non-Hispanic, all races	2021	60.9	2021	60.9	-----	-----	=====	Non-Hispanic, White	59.6	60.9	2.2	Same
Metropolitan status	Metropolitan	2021	59.2	2021	59.2	-----	-----	=====	-----	-----	-----	-----	-----
Age	65 and over	2021	54.2	2021	54.2	-----	-----	=====	-----	-----	-----	-----	-----
Disability status	Without disability	2021	54.7	2021	54.7	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	65.5	2021	65.5	-----	-----	=====	Without disability	54.7	65.5	19.7	Same
Gender	Male	2021	57.6	2021	57.6	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	62.6	2021	62.6	-----	-----	=====	Male	57.6	62.6	8.7	Same
Education	At least some college	2021	59.7	2021	59.7	-----	-----	=====	=====	=====	=====	=====	=====

----- : 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 1.3.9. Adults who needed care from a family member or friend but did not get it because of COVID-19

Source: NHIS

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	2021	1.2	2021	1.2	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	1.0	2021	1.0	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	1.4	2021	1.4	-----	-----	=====	White	1.0	1.4	40.0	Same
	Black	2021	2.0	2021	2.0	-----	-----	=====			2.0	100.0	Worse
	Multiple races	2021	2.4	2021	2.4	-----	-----	=====			2.4	140.0	Worse
Ethnicity	Non-Hispanic, White	2021	0.8	2021	0.8	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	1.9	2021	1.9	-----	-----	=====	Non-Hispanic, White	0.8	1.9	137.5	Worse
	Non-Hispanic, all races	2021	1.1	2021	1.1	-----	-----	=====			1.1	37.5	Worse
	Non-Hispanic, Asian	2021	1.4	2021	1.4	-----	-----	=====			1.4	75.0	Same
	Non-Hispanic, Black	2021	2.0	2021	2.0	-----	-----	=====			2.0	150.0	Worse
Income	400% of PL or more	2021	0.6	2021	0.6	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	3.1	2021	3.1	-----	-----	=====	400% of PL or more	0.6	3.1	416.7	Worse
	100%-199% of PL	2021	1.8	2021	1.8	-----	-----	=====			1.8	200.0	Worse
	200%-399% of PL	2021	1.1	2021	1.1	-----	-----	=====			1.1	83.3	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	0.9	2021	0.9	-----	-----	=====					
	Public only	2021	2.7	2021	2.7	-----	-----	=====	Any private	0.9	2.7	200.0	Worse
	Uninsured	2021	1.6	2021	1.6	-----	-----	=====			1.6	77.8	Worse
Metropolitan status	Large fringe metro	2021	1.2	2021	1.2	-----	-----	=====					
	Metropolitan	2021	1.2	2021	1.2	-----	-----	=====	Large fringe metro	1.2	1.2	0.0	Same
	Large central metro	2021	1.5	2021	1.5	-----	-----	=====			1.5	25.0	Worse
	Medium metro	2021	1.0	2021	1.0	-----	-----	=====			1.0	-16.7	Same
	Small metro	2021	1.0	2021	1.0	-----	-----	=====			1.0	-16.7	Same
	Micropolitan (nonmetro)	2021	1.4	2021	1.4	-----	-----	=====			1.4	16.7	Same
	Noncore (nonmetro)	2021	0.9	2021	0.9	-----	-----	=====			0.9	-25.0	Same
Age	18-44	2021	1.2	2021	1.2	-----	-----	=====					
	45-64	2021	1.4	2021	1.4	-----	-----	=====	18-44	1.2	1.4	16.7	Same
	65 and over	2021	0.8	2021	0.8	-----	-----	=====			0.8	-33.3	Better
Disability status	Without disability	2021	1.0	2021	1.0	-----	-----	=====					

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	3.7	2021	3.7	-----	-----	=====	Without disability	1.0	3.7	270.0	Worse
Gender	Male	2021	0.8	2021	0.8	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	1.6	2021	1.6	-----	-----	=====	Male	0.8	1.6	100.0	Worse
Education	At least some college	2021	1.1	2021	1.1	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	2.4	2021	2.4	-----	-----	=====	At least some college	1.1	2.4	118.2	Worse
	High school graduate	2021	1.2	2021	1.2	-----	-----	=====			1.2	9.1	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.3.10. Adults who had a virtual medical appointment in the past 12 months whose virtual appointment was because of COVID

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2021

Note: Percentages were flipped to negative direction for calculations.

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	80.7	2021	80.7	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	80.3	2021	80.3	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	81.0	2021	81.0	-----	-----	=====	White	80.3	81.0	-3.6	Same
	NHPI	2021	89.8	2021	89.8	-----	-----	=====			89.8	-48.2	Same
	Black	2021	81.7	2021	81.7	-----	-----	=====			81.7	-7.1	Same
	Multiple races	2021	81.7	2021	81.7	-----	-----	=====			81.7	-7.1	Same
Ethnicity	Non-Hispanic, White	2021	80.6	2021	80.6	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	80.8	2021	80.8	-----	-----	=====	Non-Hispanic, White	80.6	80.8	-1.0	Same
	Non-Hispanic, all races	2021	80.6	2021	80.6	-----	-----	=====			80.6	0.0	Same
	Non-Hispanic, Asian	2021	81.2	2021	81.2	-----	-----	=====			81.2	-3.1	Same
	Non-Hispanic, Black	2021	81.4	2021	81.4	-----	-----	=====			81.4	-4.1	Same
	Non-Hispanic, multiple races	2021	80.2	2021	80.2	-----	-----	=====			80.2	2.1	Same
Income	400% of PL or more	2021	80.6	2021	80.6	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	79.6	2021	79.6	-----	-----	=====	400% of PL or more	80.6	79.6	5.2	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	81.1	2021	81.1	-----	-----	=====			81.1	-2.6	Same
	200%-399% of PL	2021	80.9	2021	80.9	-----	-----	=====			80.9	-1.5	Same
Health insurance	Any private	2021	80.9	2021	80.9	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	83.6	2021	83.6	-----	-----	=====	Any private	80.9	83.6	-14.1	Higher than reference group
	Uninsured	2021	77.9	2021	77.9	-----	-----	=====			77.9	15.7	Same
Metropolitan status	Large fringe metro	2021	82.3	2021	82.3	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	81.1	2021	81.1	-----	-----	=====	Large fringe metro	82.3	81.1	6.8	Same
	Large central metro	2021	82.1	2021	82.1	-----	-----	=====			82.1	1.1	Same
	Medium metro	2021	78.6	2021	78.6	-----	-----	=====			78.6	20.9	Lower than reference group
	Small metro	2021	78.9	2021	78.9	-----	-----	=====			78.9	19.2	Same
	Micropolitan (nonmetro)	2021	78.6	2021	78.6	-----	-----	=====			78.6	20.9	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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)	2021	74.6	2021	74.6	-----	-----	=====			74.6	43.5	Lower than reference group
Age	18-44	2021	81.2	2021	81.2	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	81.6	2021	81.6	-----	-----	=====	18-44	81.2	81.6	-2.1	Same
	65 and over	2021	78.6	2021	78.6	-----	-----	=====			78.6	13.8	Lower than reference group
Disability status	Without disability	2021	80.4	2021	80.4	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	82.6	2021	82.6	-----	-----	=====	Without disability	80.4	82.6	-11.2	Same
Gender	Male	2021	78.9	2021	78.9	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	81.9	2021	81.9	-----	-----	=====	Male	78.9	81.9	-14.2	Higher than reference group
Education	At least some college	2021	81.2	2021	81.2	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	78.4	2021	78.4	-----	-----	=====	At least some college	81.2	78.4	14.9	Same
	High school graduate	2021	78.6	2021	78.6	-----	-----	=====			78.6	13.8	Lower than reference group

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

----- : 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 1.3.11. Children who had a virtual medical appointment in the past 12 months whose virtual appointment was because of COVID

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2021

Note: 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	79.9	2021	79.9	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	80.3	2021	80.3	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	76.3	2021	76.3	-----	-----	=====	White	80.3	76.3	20.3	Same
	Black	2021	71.4	2021	71.4	-----	-----	=====			71.4	45.2	Same
	Multiple races	2021	92.9	2021	92.9	-----	-----	=====			92.9	-64.0	Higher than reference group
Ethnicity	Non-Hispanic, White	2021	80.9	2021	80.9	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	78.9	2021	78.9	-----	-----	=====	Non-Hispanic, White	80.9	78.9	10.5	Same
	Non-Hispanic, all races	2021	80.2	2021	80.2	-----	-----	=====			80.2	3.7	Same
	Non-Hispanic, Asian	2021	75.7	2021	75.7	-----	-----	=====			75.7	27.2	Same
	Non-Hispanic, Black	2021	70.6	2021	70.6	-----	-----	=====			70.6	53.9	Same
	Non-Hispanic, multiple races	2021	96.0	2021	96.0	-----	-----	=====			96.0	-79.1	Higher than reference group
Income	400% of PL or more	2021	80.1	2021	80.1	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	77.5	2021	77.5	-----	-----	=====	400% of PL or more	80.1	77.5	13.1	Same
	100%-199% of PL	2021	81.0	2021	81.0	-----	-----	=====			81.0	-4.5	Same
	200%-399% of PL	2021	80.0	2021	80.0	-----	-----	=====			80.0	0.5	Same
Health insurance	Any private	2021	80.1	2021	80.1	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	79.9	2021	79.9	-----	-----	=====	Any private	80.1	79.9	1.0	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

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	2021	79.0	2021	79.0	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	80.4	2021	80.4	-----	-----	=====	Large fringe metro	79.0	80.4	-6.7	Same
	Large central metro	2021	79.6	2021	79.6	-----	-----	=====			79.6	-2.9	Same
	Medium metro	2021	82.2	2021	82.2	-----	-----	=====			82.2	-15.2	Same
	Small metro	2021	83.7	2021	83.7	-----	-----	=====			83.7	-22.4	Same
	Micropolitan (nonmetro)	2021	78.0	2021	78.0	-----	-----	=====			78.0	4.8	Same
	Noncore (nonmetro)	2021	68.8	2021	68.8	-----	-----	=====			68.8	48.6	Same
Age	0-5	2021	76.2	2021	76.2	-----	-----	=====	=====	=====	=====	=====	=====
	6-11	2021	82.5	2021	82.5	-----	-----	=====	0-5	76.2	82.5	-26.5	Higher than reference group
	12-17	2021	80.7	2021	80.7	-----	-----	=====			80.7	-18.9	Same
Gender	Male	2021	77.6	2021	77.6	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	82.3	2021	82.3	-----	-----	=====	Male	77.6	82.3	-21.0	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: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 3. Access During COVID-19

Appendix Table 1.3.12. Practices planning to continue using telemedicine visits when appropriate once the coronavirus disease pandemic is over

Source: NEHRS

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	2021	70.8	2021	70.8	-----	-----	=====	-----	-----	-----	-----	-----
Metropolitan status	Metropolitan	2021	71.5	2021	71.5	-----	-----	=====	-----	-----	-----	-----	-----
	Nonmetropolitan	2021	61.0	2021	61.0	-----	-----	=====	Metropolitan	71.5	61.0	36.8	Same
Age	35-44	2021	76.5	2021	76.5	-----	-----	=====	-----	-----	-----	-----	-----
	Under 35	2021	88.4	2021	88.4	-----	-----	=====	35-44	76.5	88.4	-50.6	Better
	45-54	2021	71.3	2021	71.3	-----	-----	=====	-----	-----	71.3	22.1	Same
	55 and over	2021	67.7	2021	67.7	-----	-----	=====	-----	-----	67.7	37.4	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Appendix Table 1.4.1. Adolescents ages 12-17 who had serious thoughts of suicide because of the COVID-19 pandemic in the past 12 months

Source: NSDUH

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	2021	2.3	2021	2.3	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	2.1	2021	2.1	-----	-----	=====	=====	=====	=====	=====	=====
	Black	2021	2.2	2021	2.2	-----	-----	=====	White	2.1	2.2	4.8	Same
Ethnicity	Non-Hispanic, White	2021	2.4	2021	2.4	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	1.6	2021	1.6	-----	-----	=====	Non-Hispanic, White	2.4	1.6	-33.3	Same
	Non-Hispanic, all races	2021	2.5	2021	2.5	-----	-----	=====			2.5	4.2	Same
	Non-Hispanic, Black	2021	2.2	2021	2.2	-----	-----	=====			2.2	-8.3	Same
Income	400% of PL or more	2021	2.2	2021	2.2	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	2.1	2021	2.1	-----	-----	=====	400% of PL or more	2.2	2.1	-4.5	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2.2	2021	2.2	-----	-----	=====			2.2	0.0	Same
	200%-399% of PL	2021	2.5	2021	2.5	-----	-----	=====			2.5	13.6	Same
Metropolitan status	Large fringe metro	2021	1.7	2021	1.7	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	2.2	2021	2.2	-----	-----	=====	Large fringe metro	1.7	2.2	29.4	Same
	Large central metro	2021	2.4	2021	2.4	-----	-----	=====			2.4	41.2	Same
	Medium metro	2021	2.1	2021	2.1	-----	-----	=====			2.1	23.5	Same
	Nonmetropolitan	2021	2.8	2021	2.8	-----	-----	=====			2.8	64.7	Same
	Micropolitan	2021	2.0	2021	2.0	-----	-----	=====			2.0	17.6	Same
	Noncore	2021	3.8	2021	3.8	-----	-----	=====			3.8	123.5	Same
Age	12-13	2021	1.5	2021	1.5	-----	-----	=====	=====	=====	=====	=====	=====
	14-15	2021	2.8	2021	2.8	-----	-----	=====	12-13	1.5	2.8	86.7	Same
	16-17	2021	2.4	2021	2.4	-----	-----	=====			2.4	60.0	Same
Gender	Male	2021	1.4	2021	1.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	3.3	2021	3.3	-----	-----	=====	Male	1.4	3.3	135.7	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 1.4.2. Adults who had serious thoughts of suicide because of the COVID-19 pandemic in the past 12 months

Source: NSDUH

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	0.8	2021	0.8	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	0.7	2021	0.7	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	0.3	2021	0.3	-----	-----	=====	White	0.7	0.3	-57.1	Better
	Black	2021	1.0	2021	1.0	-----	-----	=====			1.0	42.9	Same
Ethnicity	Non-Hispanic, White	2021	0.7	2021	0.7	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	0.9	2021	0.9	-----	-----	=====	Non-Hispanic, White	0.7	0.9	28.6	Same
	Non-Hispanic, all races	2021	0.7	2021	0.7	-----	-----	=====			0.7	0.0	Same
	Non-Hispanic, Black	2021	1.0	2021	1.0	-----	-----	=====			1.0	42.9	Same
Income	400% of PL or more	2021	0.5	2021	0.5	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	1.1	2021	1.1	-----	-----	=====	400% of PL or more	0.5	1.1	120.0	Worse
	100%-199% of PL	2021	0.9	2021	0.9	-----	-----	=====			0.9	80.0	Worse
	200%-399% of PL	2021	0.9	2021	0.9	-----	-----	=====			0.9	80.0	Worse
Metropolitan status	Large fringe metro	2021	0.6	2021	0.6	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	0.8	2021	0.8	-----	-----	=====	Large fringe metro	0.6	0.8	33.3	Same
	Large central metro	2021	0.9	2021	0.9	-----	-----	=====			0.9	50.0	Worse
	Medium metro	2021	0.9	2021	0.9	-----	-----	=====			0.9	50.0	Worse
	Small metro	2021	0.6	2021	0.6	-----	-----	=====			0.6	0.0	Same
	Nonmetropolitan	2021	0.6	2021	0.6	-----	-----	=====			0.6	0.0	Same
	Micropolitan	2021	0.6	2021	0.6	-----	-----	=====			0.6	0.0	Same
Age	18-44	2021	1.4	2021	1.4	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	0.3	2021	0.3	-----	-----	=====	18-44	1.4	0.3	-78.6	Better
Gender	Male	2021	0.7	2021	0.7	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	0.8	2021	0.8	-----	-----	=====	Male	0.7	0.8	14.3	Same
Education	At least some college	2021	0.8	2021	0.8	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	0.6	2021	0.6	-----	-----	=====	At least some college	0.8	0.6	-25.0	Same
	High school graduate	2021	0.7	2021	0.7	-----	-----	=====			0.7	-12.5	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Appendix Table 1.4.3. Adolescents ages 12-17 who made any suicide plans because of the COVID-19 pandemic in the past 12 months

Source: NSDUH

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	2021	0.8	2021	0.8	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	0.6	2021	0.6	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, White	2021	0.7	2021	0.7	-----	-----	=====	=====	=====	=====	=====	=====
	Non-Hispanic, all races	2021	0.8	2021	0.8	-----	-----	=====	Non-Hispanic, White	0.7	0.8	14.3	Same
Metropolitan status	Metropolitan	2021	0.8	2021	0.8	-----	-----	=====	-----	-----	-----	-----	-----
Age	12-13	2021	0.6	2021	0.6	-----	-----	=====	=====	=====	=====	=====	=====
	14-15	2021	1.1	2021	1.1	-----	-----	=====	12-13	0.6	1.1	83.3	Same
Gender	Female	2021	1.3	2021	1.3	-----	-----	=====	-----	-----	-----	-----	-----

----- : 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: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Appendix Table 1.4.4. Adults who made any suicide plans because of the COVID-19 pandemic in the past 12 months

Source: NSDUH

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	2021	0.2	2021	0.2	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	0.2	2021	0.2	-----	-----	=====	=====	=====	=====	=====	=====
	Black	2021	0.2	2021	0.2	-----	-----	=====	White	0.2	0.2	0.0	Same
Ethnicity	Non-Hispanic, White	2021	0.1	2021	0.1	-----	-----	=====	=====	=====	=====	=====	=====
	Non-Hispanic, all races	2021	0.2	2021	0.2	-----	-----	=====	Non-Hispanic, White	0.1	0.2	100.0	Worse
	Non-Hispanic, Black	2021	0.2	2021	0.2	-----	-----	=====			0.2	100.0	Same
Income	Less than 100% of PL	2021	0.4	2021	0.4	-----	-----	=====	-----	-----	-----	-----	-----
	100%-199% of PL	2021	0.2	2021	0.2	-----	-----	=====			-----	-----	-----
	200%-399% of PL	2021	0.2	2021	0.2	-----	-----	=====			-----	-----	-----
Metropolitan status	Metropolitan	2021	0.2	2021	0.2	-----	-----	=====	-----	-----	-----	-----	-----
	Large central metro	2021	0.2	2021	0.2	-----	-----	=====			-----	-----	-----

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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
	Medium metro	2021	0.2	2021	0.2	-----	-----	=====			-----	-----	-----
	Small metro	2021	0.2	2021	0.2	-----	-----	=====			-----	-----	-----
	Nonmetropolitan	2021	0.2	2021	0.2	-----	-----	=====			-----	-----	-----
Age	18-44	2021	0.4	2021	0.4	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	0.1	2021	0.1	-----	-----	=====	18-44	0.4	0.1	-75.0	Better
Gender	Male	2021	0.2	2021	0.2	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	0.1	2021	0.1	-----	-----	=====	Male	0.2	0.1	-50.0	Same
Education	At least some college	2021	0.2	2021	0.2	-----	-----	=====	=====	=====	=====	=====	=====
	High school graduate	2021	0.2	2021	0.2	-----	-----	=====	At least some college	0.2	0.2	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.4.5. Adolescents ages 12-17 who attempted suicide because of the COVID-19 pandemic in the past 12 months

Source: NSDUH

Benchmark: Not available

Data for Disparities are not available

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	0.3	2021	0.3	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	0.3	2021	0.3	-----	-----	=====	=====	=====	=====	=====	=====
Ethnicity	Non-Hispanic, all races	2021	0.3	2021	0.3	-----	-----	=====	-----	-----	-----	-----	-----
Metropolitan status	Metropolitan	2021	0.3	2021	0.3	-----	-----	=====	-----	-----	-----	-----	-----
	Nonmetropolitan	2021	0.6	2021	0.6	-----	-----	=====			-----	-----	-----

----- : 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 1.4.6. Adults who attempted suicide because of the COVID-19 pandemic in the past 12 months

Source: NSDUH

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	2021	0.1	2021	0.1	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	0.1	2021	0.1	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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, all races	2021	0.1	2021	0.1	-----	-----	=====	-----	-----	-----	-----	-----
Income	400% of PL or more	2021	0.1	2021	0.1	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	0.2	2021	0.2	-----	-----	=====	400% of PL or more	0.1	0.2	100.0	Same
Metropolitan status	Metropolitan	2021	0.1	2021	0.1	-----	-----	=====	-----	-----	-----	-----	-----
	Micropolitan	2021	0.1	2021	0.1	-----	-----	=====			-----	-----	-----
Age	18-44	2021	0.2	2021	0.2	-----	-----	=====	=====	=====	=====	=====	=====
Gender	Male	2021	0.2	2021	0.2	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	0.1	2021	0.1	-----	-----	=====	Male	0.2	0.1	-50.0	Same
Education	At least some college	2021	0.1	2021	0.1	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	0.2	2021	0.2	-----	-----	=====	At least some college	0.1	0.2	100.0	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 1.4.7. Adults who perceived the COVID-19 pandemic had quite a bit or a lot of negative effect on their emotional or mental health

Source: NSDUH

Benchmark: Not available

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	14.4	2021	14.4	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	14.0	2021	14.0	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	19.8	2021	19.8	-----	-----	=====	White	14.0	19.8	41.4	Worse
	Asian	2021	14.1	2021	14.1	-----	-----	=====			14.1	0.7	Same
	Black	2021	16.5	2021	16.5	-----	-----	=====			16.5	17.9	Worse
	Multiple races	2021	17.6	2021	17.6	-----	-----	=====			17.6	25.7	Worse
Ethnicity	Non-Hispanic, White	2021	13.9	2021	13.9	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	14.7	2021	14.7	-----	-----	=====	Non-Hispanic, White	13.9	14.7	5.8	Same
	Non-Hispanic, all races	2021	14.4	2021	14.4	-----	-----	=====			14.4	3.6	Same
	Non-Hispanic, Black	2021	16.4	2021	16.4	-----	-----	=====			16.4	18.0	Worse
Income	400% of PL or more	2021	13.7	2021	13.7	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	17.2	2021	17.2	-----	-----	=====	400% of PL or more	13.7	17.2	25.5	Worse
	100%-199% of PL	2021	14.5	2021	14.5	-----	-----	=====			14.5	5.8	Same
	200%-399% of PL	2021	14.0	2021	14.0	-----	-----	=====			14.0	2.2	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	14.0	2021	14.0	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	15.1	2021	15.1	-----	-----	=====	Large fringe metro	14.0	15.1	7.9	Same
	Large central metro	2021	17.1	2021	17.1	-----	-----	=====			17.1	22.1	Worse
	Medium metro	2021	14.2	2021	14.2	-----	-----	=====			14.2	1.4	Same
	Small metro	2021	13.6	2021	13.6	-----	-----	=====			13.6	-2.9	Same
	Nonmetropolitan	2021	10.6	2021	10.6	-----	-----	=====			10.6	-24.3	Better
	Micropolitan	2021	10.4	2021	10.4	-----	-----	=====			10.4	-25.7	Better
	Noncore	2021	10.8	2021	10.8	-----	-----	=====			10.8	-22.9	Better
Age	18-44	2021	18.9	2021	18.9	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	12.5	2021	12.5	-----	-----	=====	18-44	18.9	12.5	-33.9	Better
	65 and over	2021	7.8	2021	7.8	-----	-----	=====			7.8	-58.7	Better
Gender	Male	2021	11.4	2021	11.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	17.3	2021	17.3	-----	-----	=====	Male	11.4	17.3	51.8	Worse
Education	At least some college	2021	16.5	2021	16.5	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	12.6	2021	12.6	-----	-----	=====	At least some college	16.5	12.6	-23.6	Better
	High school graduate	2021	10.6	2021	10.6	-----	-----	=====			10.6	-35.8	Better

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

===== : Not applicable.

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

Appendix Table 1.4.8. Adults who perceived the COVID-19 pandemic had at least a little negative effect on their emotional or mental health

Source: NSDUH

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	2021	64.2	2021	64.2	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	64.8	2021	64.8	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	62.7	2021	62.7	-----	-----	=====	White	64.8	62.7	-3.2	Same
	Asian	2021	69.4	2021	69.4	-----	-----	=====			69.4	7.1	Same
	NHPI	2021	49.3	2021	49.3	-----	-----	=====			49.3	-23.9	Better
	Black	2021	57.5	2021	57.5	-----	-----	=====			57.5	-11.3	Better
	Multiple races	2021	68.5	2021	68.5	-----	-----	=====			68.5	5.7	Same
Ethnicity	Non-Hispanic, White	2021	66.4	2021	66.4	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	59.2	2021	59.2	-----	-----	=====	Non-Hispanic, White	66.4	59.2	-10.8	Better
	Non-Hispanic, all races	2021	65.2	2021	65.2	-----	-----	=====			65.2	-1.8	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	57.2	2021	57.2	-----	-----	=====			57.2	-13.9	Better
Income	400% of PL or more	2021	70.1	2021	70.1	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	56.6	2021	56.6	-----	-----	=====	400% of PL or more	70.1	56.6	-19.3	Better
	100%-199% of PL	2021	60.1	2021	60.1	-----	-----	=====			60.1	-14.3	Better
	200%-399% of PL	2021	63.4	2021	63.4	-----	-----	=====			63.4	-9.6	Same
Metropolitan status	Large fringe metro	2021	66.6	2021	66.6	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	65.7	2021	65.7	-----	-----	=====	Large fringe metro	66.6	65.7	-1.4	Same
	Large central metro	2021	67.3	2021	67.3	-----	-----	=====			67.3	1.1	Same
	Medium metro	2021	63.4	2021	63.4	-----	-----	=====			63.4	-4.8	Same
	Small metro	2021	63.4	2021	63.4	-----	-----	=====			63.4	-4.8	Same
	Nonmetropolitan	2021	55.4	2021	55.4	-----	-----	=====			55.4	-16.8	Better
	Micropolitan	2021	57.1	2021	57.1	-----	-----	=====			57.1	-14.3	Better
	Noncore	2021	53.0	2021	53.0	-----	-----	=====			53.0	-20.4	Better
Age	18-44	2021	66.4	2021	66.4	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	63.3	2021	63.3	-----	-----	=====	18-44	66.4	63.3	-4.7	Same
	65 and over	2021	60.6	2021	60.6	-----	-----	=====			60.6	-8.7	Same
Gender	Male	2021	57.9	2021	57.9	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	70.1	2021	70.1	-----	-----	=====	Male	57.9	70.1	21.1	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	71.3	2021	71.3	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	52.0	2021	52.0	-----	-----	=====	At least some college	71.3	52.0	-27.1	Better
	High school graduate	2021	53.2	2021	53.2	-----	-----	=====			53.2	-25.4	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.4.9. Adults with a major depressive episode (MDE) in the past 12 months who perceived the COVID-19 pandemic had at least a little negative effect on their emotional or mental health

Source: NSDUH

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	2021	87.7	2021	87.7	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	88.0	2021	88.0	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	85.6	2021	85.6	-----	-----	=====	White	88.0	85.6	-2.7	Same
	Multiple races	2021	85.2	2021	85.2	-----	-----	=====			85.2	-3.2	Same
Ethnicity	Non-Hispanic, White	2021	87.6	2021	87.6	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	89.8	2021	89.8	-----	-----	=====	Non-Hispanic, White	87.6	89.8	2.5	Same
	Non-Hispanic, all races	2021	87.3	2021	87.3	-----	-----	=====			87.3	-0.3	Same
	Non-Hispanic, Black	2021	84.4	2021	84.4	-----	-----	=====			84.4	-3.7	Same
Income	400% of PL or more	2021	92.7	2021	92.7	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	84.9	2021	84.9	-----	-----	=====	400% of PL or more	92.7	84.9	-8.4	Same
	100%-199% of PL	2021	86.6	2021	86.6	-----	-----	=====			86.6	-6.6	Same
	200%-399% of PL	2021	85.8	2021	85.8	-----	-----	=====			85.8	-7.4	Same
Metropolitan status	Large fringe metro	2021	88.6	2021	88.6	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	89.0	2021	89.0	-----	-----	=====	Large fringe metro	88.6	89.0	0.5	Same
	Large central metro	2021	89.0	2021	89.0	-----	-----	=====			89.0	0.5	Same
	Medium metro	2021	88.9	2021	88.9	-----	-----	=====			88.9	0.3	Same
	Small metro	2021	90.2	2021	90.2	-----	-----	=====			90.2	1.8	Same
	Nonmetropolitan	2021	79.9	2021	79.9	-----	-----	=====			79.9	-9.8	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	78.6	2021	78.6	-----	-----	=====			78.6	-11.3	Better
	Noncore	2021	82.5	2021	82.5	-----	-----	=====			82.5	-6.9	Same
Age	18-44	2021	88.9	2021	88.9	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	87.3	2021	87.3	-----	-----	=====	18-44	88.9	87.3	-1.8	Same
Gender	Male	2021	84.5	2021	84.5	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	89.6	2021	89.6	-----	-----	=====	Male	84.5	89.6	6.0	Same
Education	At least some college	2021	90.8	2021	90.8	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	78.3	2021	78.3	-----	-----	=====	At least some college	90.8	78.3	-13.8	Better
	High school graduate	2021	81.6	2021	81.6	-----	-----	=====			81.6	-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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.4.10. Adults with a major depressive episode (MDE) in the past 12 months who perceived the COVID-19 pandemic had quite a bit or a lot negative effect on their emotional or mental health

Source: NSDUH

Benchmark: Not available

Data year for disparities analysis: 2021

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	45.7	2021	45.7	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	45.2	2021	45.2	-----	-----	=====	=====	=====	=====	=====	=====
	Black	2021	52.9	2021	52.9	-----	-----	=====	White	45.2	52.9	17.0	Same
	Multiple races	2021	36.8	2021	36.8	-----	-----	=====			36.8	-18.6	Same
Ethnicity	Non-Hispanic, White	2021	44.5	2021	44.5	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	49.1	2021	49.1	-----	-----	=====	Non-Hispanic, White	44.5	49.1	10.3	Same
	Non-Hispanic, all races	2021	45.1	2021	45.1	-----	-----	=====			45.1	1.3	Same
	Non-Hispanic, Black	2021	52.8	2021	52.8	-----	-----	=====			52.8	18.7	Worse
Income	400% of PL or more	2021	49.8	2021	49.8	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	43.3	2021	43.3	-----	-----	=====	400% of PL or more	49.8	43.3	-13.1	Same
	100%-199% of PL	2021	44.4	2021	44.4	-----	-----	=====			44.4	-10.8	Same
	200%-399% of PL	2021	44.5	2021	44.5	-----	-----	=====			44.5	-10.6	Same
Metropolitan status	Large fringe metro	2021	49.1	2021	49.1	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	47.6	2021	47.6	-----	-----	=====	Large fringe metro	49.1	47.6	-3.1	Same
	Large central metro	2021	50.0	2021	50.0	-----	-----	=====			50.0	1.8	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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
	Medium metro	2021	46.3	2021	46.3	-----	-----	=====			46.3	-5.7	Same
	Small metro	2021	40.0	2021	40.0	-----	-----	=====			40.0	-18.5	Better
	Nonmetropolitan	2021	34.5	2021	34.5	-----	-----	=====			34.5	-29.7	Better
	Micropolitan	2021	34.1	2021	34.1	-----	-----	=====			34.1	-30.5	Better
	Noncore	2021	35.4	2021	35.4	-----	-----	=====			35.4	-27.9	Better
Age	18-44	2021	48.3	2021	48.3	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	42.9	2021	42.9	-----	-----	=====	18-44	48.3	42.9	-11.2	Same
	65 and over	2021	32.1	2021	32.1	-----	-----	=====			32.1	-33.5	Better
Gender	Male	2021	42.8	2021	42.8	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	47.4	2021	47.4	-----	-----	=====	Male	42.8	47.4	10.7	Same
Education	At least some college	2021	49.9	2021	49.9	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	33.3	2021	33.3	-----	-----	=====	At least some college	49.9	33.3	-33.3	Better
	High school graduate	2021	37.2	2021	37.2	-----	-----	=====			37.2	-25.5	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 1.4.11. Adults with a major depressive episode (MDE) with severe impairment in the past 12 months who perceived the COVID-19 pandemic had at least a little negative effect on their emotional or mental health

Source: NSDUH

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	88.3	2021	88.3	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	87.8	2021	87.8	-----	-----	=====	=====	=====	=====	=====	=====
	Black	2021	91.2	2021	91.2	-----	-----	=====	White	87.8	91.2	3.9	Same
Ethnicity	Non-Hispanic, White	2021	87.1	2021	87.1	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	92.1	2021	92.1	-----	-----	=====	Non-Hispanic, White	87.1	92.1	5.7	Same
	Non-Hispanic, all races	2021	87.6	2021	87.6	-----	-----	=====			87.6	0.6	Same
	Non-Hispanic, Black	2021	90.4	2021	90.4	-----	-----	=====			90.4	3.8	Same
Income	400% of PL or more	2021	91.9	2021	91.9	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	87.9	2021	87.9	-----	-----	=====	400% of PL or more	91.9	87.9	-4.4	Same
	100%-199% of PL	2021	87.8	2021	87.8	-----	-----	=====			87.8	-4.5	Same
	200%-399% of PL	2021	86.1	2021	86.1	-----	-----	=====			86.1	-6.3	Same
Metropolitan status	Large fringe metro	2021	89.2	2021	89.2	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	89.4	2021	89.4	-----	-----	=====	Large fringe metro	89.2	89.4	0.2	Same
	Large central metro	2021	90.7	2021	90.7	-----	-----	=====			90.7	1.7	Same
	Medium metro	2021	87.7	2021	87.7	-----	-----	=====			87.7	-1.7	Same
	Small metro	2021	89.8	2021	89.8	-----	-----	=====			89.8	0.7	Same
	Nonmetropolitan	2021	82.0	2021	82.0	-----	-----	=====			82.0	-8.1	Same
	Micropolitan	2021	80.5	2021	80.5	-----	-----	=====			80.5	-9.8	Same
	Noncore	2021	84.9	2021	84.9	-----	-----	=====			84.9	-4.8	Same
Age	18-44	2021	89.4	2021	89.4	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	88.7	2021	88.7	-----	-----	=====	18-44	89.4	88.7	-0.8	Same
Gender	Male	2021	84.1	2021	84.1	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	90.6	2021	90.6	-----	-----	=====	Male	84.1	90.6	7.7	Same
Education	At least some college	2021	90.9	2021	90.9	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	80.9	2021	80.9	-----	-----	=====	At least some college	90.9	80.9	-11.0	Better
	High school graduate	2021	82.7	2021	82.7	-----	-----	=====			82.7	-9.0	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: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Appendix Table 1.4.12. Adults with a major depressive episode (MDE) with severe impairment in the past 12 months who perceived the COVID-19 pandemic had quite a bit or a lot negative effect on their emotional or mental health

Source: NSDUH

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	2021	49.4	2021	49.4	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	48.8	2021	48.8	-----	-----	=====	=====	=====	=====	=====	=====
	Black	2021	58.7	2021	58.7	-----	-----	=====	White	48.8	58.7	20.3	Worse
	Multiple races	2021	38.9	2021	38.9	-----	-----	=====			38.9	-20.3	Same
Ethnicity	Non-Hispanic, White	2021	48.0	2021	48.0	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	53.0	2021	53.0	-----	-----	=====	Non-Hispanic, White	48.0	53.0	10.4	Same
	Non-Hispanic, all races	2021	48.7	2021	48.7	-----	-----	=====			48.7	1.5	Same
	Non-Hispanic, Black	2021	59.1	2021	59.1	-----	-----	=====			59.1	23.1	Worse
Income	400% of PL or more	2021	54.4	2021	54.4	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	45.9	2021	45.9	-----	-----	=====	400% of PL or more	54.4	45.9	-15.6	Better

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	48.8	2021	48.8	-----	-----	=====			48.8	-10.3	Same
	200%-399% of PL	2021	48.3	2021	48.3	-----	-----	=====			48.3	-11.2	Same
Metropolitan status	Large fringe metro	2021	54.6	2021	54.6	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	51.1	2021	51.1	-----	-----	=====	Large fringe metro	54.6	51.1	-6.4	Same
	Large central metro	2021	53.4	2021	53.4	-----	-----	=====			53.4	-2.2	Same
	Medium metro	2021	47.8	2021	47.8	-----	-----	=====			47.8	-12.5	Same
	Small metro	2021	44.0	2021	44.0	-----	-----	=====			44.0	-19.4	Better
	Nonmetropolitan	2021	39.9	2021	39.9	-----	-----	=====			39.9	-26.9	Better
	Micropolitan	2021	38.9	2021	38.9	-----	-----	=====			38.9	-28.8	Better
Age	18-44	2021	52.4	2021	52.4	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	46.2	2021	46.2	-----	-----	=====	18-44	52.4	46.2	-11.8	Same
Gender	Male	2021	46.4	2021	46.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	51.0	2021	51.0	-----	-----	=====	Male	46.4	51.0	9.9	Same
Education	At least some college	2021	52.5	2021	52.5	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	38.3	2021	38.3	-----	-----	=====	At least some college	52.5	38.3	-27.0	Better
	High school graduate	2021	43.6	2021	43.6	-----	-----	=====			43.6	-17.0	Better

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

===== : Not applicable.

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

Appendix Table 1.4.13. Adults without a major depressive episode (MDE) in the past 12 months who perceived the COVID-19 pandemic had at least a little negative effect on their emotional or mental health

Source: NSDUH

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	2021	62.0	2021	62.0	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	62.7	2021	62.7	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	60.4	2021	60.4	-----	-----	=====	White	62.7	60.4	-3.7	Same
	Asian	2021	68.3	2021	68.3	-----	-----	=====			68.3	8.9	Same
	NHPI	2021	46.8	2021	46.8	-----	-----	=====			46.8	-25.4	Better
	Black	2021	55.5	2021	55.5	-----	-----	=====			55.5	-11.5	Better
	Multiple races	2021	65.9	2021	65.9	-----	-----	=====			65.9	5.1	Same
Ethnicity	Non-Hispanic, White	2021	64.3	2021	64.3	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	56.6	2021	56.6	-----	-----	=====	Non-Hispanic, White	64.3	56.6	-12.0	Better

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	63.1	2021	63.1	-----	-----	=====			63.1	-1.9	Same
	Non-Hispanic, Black	2021	55.2	2021	55.2	-----	-----	=====			55.2	-14.2	Better
Income	400% of PL or more	2021	68.5	2021	68.5	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	53.0	2021	53.0	-----	-----	=====	400% of PL or more	68.5	53.0	-22.6	Better
	100%-199% of PL	2021	57.3	2021	57.3	-----	-----	=====			57.3	-16.4	Better
	200%-399% of PL	2021	61.3	2021	61.3	-----	-----	=====			61.3	-10.5	Better
Metropolitan status	Large fringe metro	2021	64.9	2021	64.9	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	63.6	2021	63.6	-----	-----	=====	Large fringe metro	64.9	63.6	-2.0	Same
	Large central metro	2021	65.3	2021	65.3	-----	-----	=====			65.3	0.6	Same
	Medium metro	2021	60.8	2021	60.8	-----	-----	=====			60.8	-6.3	Same
	Small metro	2021	60.7	2021	60.7	-----	-----	=====			60.7	-6.5	Same
	Nonmetropolitan	2021	53.3	2021	53.3	-----	-----	=====			53.3	-17.9	Better
	Micropolitan	2021	55.0	2021	55.0	-----	-----	=====			55.0	-15.3	Better
	Noncore	2021	51.0	2021	51.0	-----	-----	=====			51.0	-21.4	Better
Age	18-44	2021	63.3	2021	63.3	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	61.7	2021	61.7	-----	-----	=====	18-44	63.3	61.7	-2.5	Same
	65 and over	2021	60.1	2021	60.1	-----	-----	=====			60.1	-5.1	Same
Gender	Male	2021	56.1	2021	56.1	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	67.9	2021	67.9	-----	-----	=====	Male	56.1	67.9	21.0	Worse
Education	At least some college	2021	69.3	2021	69.3	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	50.3	2021	50.3	-----	-----	=====	At least some college	69.3	50.3	-27.4	Better
	High school graduate	2021	51.1	2021	51.1	-----	-----	=====			51.1	-26.3	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 1.4.14. Adults without a major depressive episode (MDE) in the past 12 months who perceived the COVID-19 pandemic had quite a bit or a lot negative effect on their emotional or mental health

Source: NSDUH

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	2021	11.6	2021	11.6	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	11.0	2021	11.0	-----	-----	=====					
	AI/AN	2021	15.9	2021	15.9	-----	-----	=====	White	11.0	15.9	44.5	Worse
	Asian	2021	12.9	2021	12.9	-----	-----	=====			12.9	17.3	Same
	Black	2021	13.8	2021	13.8	-----	-----	=====			13.8	25.5	Worse
	Multiple races	2021	14.6	2021	14.6	-----	-----	=====			14.6	32.7	Worse
Ethnicity	Non-Hispanic, White	2021	10.9	2021	10.9	-----	-----	=====					
	Hispanic, all races	2021	11.8	2021	11.8	-----	-----	=====	Non-Hispanic, White	10.9	11.8	8.3	Same
	Non-Hispanic, all races	2021	11.6	2021	11.6	-----	-----	=====			11.6	6.4	Same
	Non-Hispanic, Black	2021	13.8	2021	13.8	-----	-----	=====			13.8	26.6	Worse
Income	400% of PL or more	2021	11.2	2021	11.2	-----	-----	=====					
	Less than 100% of PL	2021	13.9	2021	13.9	-----	-----	=====	400% of PL or more	11.2	13.9	24.1	Worse
	100%-199% of PL	2021	11.4	2021	11.4	-----	-----	=====			11.4	1.8	Same
	200%-399% of PL	2021	11.2	2021	11.2	-----	-----	=====			11.2	0.0	Same
Metropolitan status	Large fringe metro	2021	11.3	2021	11.3	-----	-----	=====					
	Metropolitan	2021	12.2	2021	12.2	-----	-----	=====	Large fringe metro	11.3	12.2	8.0	Same
	Large central metro	2021	14.0	2021	14.0	-----	-----	=====			14.0	23.9	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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
	Medium metro	2021	11.0	2021	11.0	-----	-----	=====			11.0	-2.7	Same
	Small metro	2021	10.9	2021	10.9	-----	-----	=====			10.9	-3.5	Same
	Nonmetropolitan	2021	8.6	2021	8.6	-----	-----	=====			8.6	-23.9	Better
	Micropolitan	2021	8.1	2021	8.1	-----	-----	=====			8.1	-28.3	Better
	Noncore	2021	9.1	2021	9.1	-----	-----	=====			9.1	-19.5	Same
Age	18-44	2021	14.9	2021	14.9	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	10.5	2021	10.5	-----	-----	=====	18-44	14.9	10.5	-29.5	Better
	65 and over	2021	7.1	2021	7.1	-----	-----	=====			7.1	-52.3	Better
Gender	Male	2021	9.4	2021	9.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	13.9	2021	13.9	-----	-----	=====	Male	9.4	13.9	47.9	Worse
Education	At least some college	2021	13.0	2021	13.0	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	11.3	2021	11.3	-----	-----	=====	At least some college	13.0	11.3	-13.1	Same
	High school graduate	2021	8.7	2021	8.7	-----	-----	=====			8.7	-33.1	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 1.4.15. Adults with diabetes who feel more overwhelmed by the demands of living with diabetes compared to before the COVID-19 public health emergency

Source: NHIS

Benchmark: Not available

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	12.1	2021	12.1	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	9.7	2021	9.7	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	18.0	2021	18.0	-----	-----	=====	White	9.7	18.0	85.6	Worse
	Black	2021	16.2	2021	16.2	-----	-----	=====			16.2	67.0	Worse
Ethnicity	Non-Hispanic, White	2021	8.3	2021	8.3	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	17.7	2021	17.7	-----	-----	=====	Non-Hispanic, White	8.3	17.7	113.3	Worse
	Non-Hispanic, all races	2021	10.8	2021	10.8	-----	-----	=====			10.8	30.1	Worse
	Non-Hispanic, Asian	2021	18.2	2021	18.2	-----	-----	=====			18.2	119.3	Worse
	Non-Hispanic, Black	2021	16.2	2021	16.2	-----	-----	=====			16.2	95.2	Worse
Income	400% of PL or more	2021	8.5	2021	8.5	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	23.4	2021	23.4	-----	-----	=====	400% of PL or more	8.5	23.4	175.3	Worse
	100%-199% of PL	2021	13.2	2021	13.2	-----	-----	=====			13.2	55.3	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	10.4	2021	10.4	-----	-----	=====			10.4	22.4	Same
Health insurance	Any private	2021	11.7	2021	11.7	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	21.8	2021	21.8	-----	-----	=====	Any private	11.7	21.8	86.3	Worse
	Uninsured	2021	15.7	2021	15.7	-----	-----	=====			15.7	34.2	Same
Metropolitan status	Large fringe metro	2021	10.8	2021	10.8	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	12.3	2021	12.3	-----	-----	=====	Large fringe metro	10.8	12.3	13.9	Same
	Large central metro	2021	13.9	2021	13.9	-----	-----	=====			13.9	28.7	Same
	Medium metro	2021	14.2	2021	14.2	-----	-----	=====			14.2	31.5	Same
	Small metro	2021	7.8	2021	7.8	-----	-----	=====			7.8	-27.8	Same
	Micropolitan (nonmetro)	2021	13.2	2021	13.2	-----	-----	=====			13.2	22.2	Same
	Noncore (nonmetro)	2021	7.8	2021	7.8	-----	-----	=====			7.8	-27.8	Same
Age	18-44	2021	18.0	2021	18.0	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	14.4	2021	14.4	-----	-----	=====	18-44	18.0	14.4	-20.0	Same
	65 and over	2021	8.5	2021	8.5	-----	-----	=====			8.5	-52.8	Better
Disability status	Without disability	2021	10.6	2021	10.6	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	16.8	2021	16.8	-----	-----	=====	Without disability	10.6	16.8	58.5	Worse
Gender	Male	2021	10.5	2021	10.5	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	13.9	2021	13.9	-----	-----	=====	Male	10.5	13.9	32.4	Worse
Education	At least some college	2021	13.0	2021	13.0	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	15.4	2021	15.4	-----	-----	=====	At least some college	13.0	15.4	18.5	Same
	High school graduate	2021	9.6	2021	9.6	-----	-----	=====			9.6	-26.2	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.4.16. Adults who received less social and emotional support in the past 12 months than they had previously

Source: NHIS

Benchmark: Not available

Data year for disparities analysis: 2021

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	8.3	2021	8.3	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	8.3	2021	8.3	-----	-----	=====	=====	=====	=====	=====	=====
	Asian	2021	11.0	2021	11.0	-----	-----	=====	White	8.3	11.0	32.5	Worse
	Black	2021	7.4	2021	7.4	-----	-----	=====			7.4	-10.8	Same
	Multiple races	2021	9.5	2021	9.5	-----	-----	=====			9.5	14.5	Same
Ethnicity	Non-Hispanic, White	2021	8.7	2021	8.7	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	6.5	2021	6.5	-----	-----	=====	Non-Hispanic, White	8.7	6.5	-25.3	Better
	Non-Hispanic, all races	2021	8.7	2021	8.7	-----	-----	=====			8.7	0.0	Same
	Non-Hispanic, Asian	2021	11.0	2021	11.0	-----	-----	=====			11.0	26.4	Worse
	Non-Hispanic, Black	2021	7.3	2021	7.3	-----	-----	=====			7.3	-16.1	Better
	Non-Hispanic, multiple races	2021	10.1	2021	10.1	-----	-----	=====			10.1	16.1	Same
Income	400% of PL or more	2021	8.6	2021	8.6	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	9.6	2021	9.6	-----	-----	=====	400% of PL or more	8.6	9.6	11.6	Same
	100%-199% of PL	2021	7.6	2021	7.6	-----	-----	=====			7.6	-11.6	Same
	200%-399% of PL	2021	7.9	2021	7.9	-----	-----	=====			7.9	-8.1	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	8.3	2021	8.3	-----	-----	=====	=====	=====	=====	=====	=====
	Public only	2021	9.0	2021	9.0	-----	-----	=====	Any private	8.3	9.0	8.4	Same
	Uninsured	2021	7.3	2021	7.3	-----	-----	=====			7.3	-12.0	Same
Metropolitan status	Large fringe metro	2021	7.6	2021	7.6	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	8.4	2021	8.4	-----	-----	=====	Large fringe metro	7.6	8.4	10.5	Same
	Large central metro	2021	9.5	2021	9.5	-----	-----	=====			9.5	25.0	Worse
	Medium metro	2021	8.0	2021	8.0	-----	-----	=====			8.0	5.3	Same
	Small metro	2021	8.1	2021	8.1	-----	-----	=====			8.1	6.6	Same
	Micropolitan (nonmetro)	2021	8.0	2021	8.0	-----	-----	=====			8.0	5.3	Same
	Noncore (nonmetro)	2021	6.7	2021	6.7	-----	-----	=====			6.7	-11.8	Same
Age	18-44	2021	8.2	2021	8.2	-----	-----	=====	=====	=====	=====	=====	=====
	45-64	2021	8.4	2021	8.4	-----	-----	=====	18-44	8.2	8.4	2.4	Same
	65 and over	2021	8.4	2021	8.4	-----	-----	=====			8.4	2.4	Same
Disability status	Without disability	2021	8.1	2021	8.1	-----	-----	=====	=====	=====	=====	=====	=====
	With any disability	2021	10.4	2021	10.4	-----	-----	=====	Without disability	8.1	10.4	28.4	Worse
Gender	Male	2021	7.7	2021	7.7	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	8.9	2021	8.9	-----	-----	=====	Male	7.7	8.9	15.6	Worse
Education	At least some college	2021	9.2	2021	9.2	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	6.7	2021	6.7	-----	-----	=====	At least some college	9.2	6.7	-27.2	Better
	High school graduate	2021	6.8	2021	6.8	-----	-----	=====			6.8	-26.1	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 1.4.17. People age 12 and over with alcohol use in the past 12 months who used alcohol a little less or much less than before the COVID-19 pandemic

Source: NSDUH

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	2021	29.6	2021	29.6	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	27.6	2021	27.6	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	41.6	2021	41.6	-----	-----	=====	White	27.6	41.6	-19.3	Better
	Asian	2021	33.8	2021	33.8	-----	-----	=====			33.8	-8.6	Same
	Black	2021	39.7	2021	39.7	-----	-----	=====			39.7	-16.7	Better
	Multiple races	2021	33.4	2021	33.4	-----	-----	=====			33.4	-8.0	Same
Ethnicity	Non-Hispanic, White	2021	24.3	2021	24.3	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	43.4	2021	43.4	-----	-----	=====	Non-Hispanic, White	24.3	43.4	-25.2	Better
	Non-Hispanic, all races	2021	27.1	2021	27.1	-----	-----	=====			27.1	-3.7	Same
	Non-Hispanic, Black	2021	39.5	2021	39.5	-----	-----	=====			39.5	-20.1	Better
Income	400% of PL or more	2021	22.8	2021	22.8	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	44.4	2021	44.4	-----	-----	=====	400% of PL or more	22.8	44.4	-28.0	Better
	100%-199% of PL	2021	36.7	2021	36.7	-----	-----	=====			36.7	-18.0	Better
	200%-399% of PL	2021	30.1	2021	30.1	-----	-----	=====			30.1	-9.5	Same
Metropolitan status	Large fringe metro	2021	26.0	2021	26.0	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	29.6	2021	29.6	-----	-----	=====	Large fringe metro	26.0	29.6	-4.9	Same
	Large central metro	2021	33.2	2021	33.2	-----	-----	=====			33.2	-9.7	Same
	Medium metro	2021	29.7	2021	29.7	-----	-----	=====			29.7	-5.0	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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
	Small metro	2021	27.5	2021	27.5	-----	-----	=====			27.5	-2.0	Same
	Nonmetropolitan	2021	29.8	2021	29.8	-----	-----	=====			29.8	-5.1	Same
	Micropolitan	2021	27.6	2021	27.6	-----	-----	=====			27.6	-2.2	Same
	Noncore	2021	33.1	2021	33.1	-----	-----	=====			33.1	-9.6	Same
Age	18-44	2021	31.1	2021	31.1	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	40.9	2021	40.9	-----	-----	=====	18-44	31.1	40.9	-14.2	Better
	45-64	2021	26.3	2021	26.3	-----	-----	=====			26.3	7.0	Same
	65 and over	2021	30.3	2021	30.3	-----	-----	=====			30.3	1.2	Same
Gender	Male	2021	29.9	2021	29.9	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	29.4	2021	29.4	-----	-----	=====	Male	29.9	29.4	0.7	Same
Education	At least some college	2021	25.3	2021	25.3	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	47.4	2021	47.4	-----	-----	=====	At least some college	25.3	47.4	-29.6	Better
	High school graduate	2021	35.4	2021	35.4	-----	-----	=====			35.4	-13.5	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 1.4.18. People age 12 and over with alcohol use in the past 12 months who used alcohol a little more or much more than before the COVID-19 pandemic

Source: NSDUH

Benchmark: Not available

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	13.5	2021	13.5	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	13.8	2021	13.8	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	8.5	2021	8.5	-----	-----	=====	White	13.8	8.5	-38.4	Better
	Asian	2021	11.3	2021	11.3	-----	-----	=====			11.3	-18.1	Same
	Black	2021	12.0	2021	12.0	-----	-----	=====			12.0	-13.0	Better
	Multiple races	2021	15.0	2021	15.0	-----	-----	=====			15.0	8.7	Same
Ethnicity	Non-Hispanic, White	2021	14.3	2021	14.3	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	11.5	2021	11.5	-----	-----	=====	Non-Hispanic, White	14.3	11.5	-19.6	Better
	Non-Hispanic, all races	2021	13.9	2021	13.9	-----	-----	=====			13.9	-2.8	Same
	Non-Hispanic, Black	2021	12.1	2021	12.1	-----	-----	=====			12.1	-15.4	Better
Income	400% of PL or more	2021	15.9	2021	15.9	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	11.7	2021	11.7	-----	-----	=====	400% of PL or more	15.9	11.7	-26.4	Better
	100%-199% of PL	2021	10.3	2021	10.3	-----	-----	=====			10.3	-35.2	Better
	200%-399% of PL	2021	12.4	2021	12.4	-----	-----	=====			12.4	-22.0	Better

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	14.4	2021	14.4	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	14.2	2021	14.2	-----	-----	=====	Large fringe metro	14.4	14.2	-1.4	Same
	Large central metro	2021	15.9	2021	15.9	-----	-----	=====			15.9	10.4	Same
	Medium metro	2021	12.3	2021	12.3	-----	-----	=====			12.3	-14.6	Better
	Small metro	2021	12.3	2021	12.3	-----	-----	=====			12.3	-14.6	Same
	Nonmetropolitan	2021	9.2	2021	9.2	-----	-----	=====			9.2	-36.1	Better
	Micropolitan	2021	9.7	2021	9.7	-----	-----	=====			9.7	-32.6	Better
	Noncore	2021	8.3	2021	8.3	-----	-----	=====			8.3	-42.4	Better
Age	18-44	2021	16.5	2021	16.5	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	16.6	2021	16.6	-----	-----	=====	18-44	16.5	16.6	0.6	Same
	45-64	2021	13.1	2021	13.1	-----	-----	=====			13.1	-20.6	Better
	65 and over	2021	5.7	2021	5.7	-----	-----	=====			5.7	-65.5	Better
Gender	Male	2021	12.8	2021	12.8	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	14.1	2021	14.1	-----	-----	=====	Male	12.8	14.1	10.2	Same
Education	At least some college	2021	15.6	2021	15.6	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	8.1	2021	8.1	-----	-----	=====	At least some college	15.6	8.1	-48.1	Better
	High school graduate	2021	8.6	2021	8.6	-----	-----	=====			8.6	-44.9	Better

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

===== : Not applicable.

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

Appendix Table 1.4.19. People age 12 and over with drug or prescription psychotherapeutics use in the past 12 months who used drugs a little less or much less than before the COVID-19 pandemic

Source: NSDUH

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	2021	37.1	2021	37.1	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	34.3	2021	34.3	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	51.0	2021	51.0	-----	-----	=====	White	34.3	51.0	-25.4	Better
	Asian	2021	45.7	2021	45.7	-----	-----	=====			45.7	-17.4	Better
	Black	2021	49.0	2021	49.0	-----	-----	=====			49.0	-22.4	Better
	Multiple races	2021	41.9	2021	41.9	-----	-----	=====			41.9	-11.6	Better
Ethnicity	Non-Hispanic, White	2021	31.9	2021	31.9	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	48.3	2021	48.3	-----	-----	=====	Non-Hispanic, White	31.9	48.3	-24.1	Better
	Non-Hispanic, all races	2021	35.4	2021	35.4	-----	-----	=====			35.4	-5.1	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	48.8	2021	48.8	-----	-----	=====			48.8	-24.8	Better
Income	400% of PL or more	2021	28.2	2021	28.2	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	49.3	2021	49.3	-----	-----	=====	400% of PL or more	28.2	49.3	-29.4	Better
	100%-199% of PL	2021	42.8	2021	42.8	-----	-----	=====			42.8	-20.3	Better
	200%-399% of PL	2021	37.1	2021	37.1	-----	-----	=====			37.1	-12.4	Better
Metropolitan status	Large fringe metro	2021	34.3	2021	34.3	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	36.1	2021	36.1	-----	-----	=====	Large fringe metro	34.3	36.1	-2.7	Same
	Large central metro	2021	37.0	2021	37.0	-----	-----	=====			37.0	-4.1	Same
	Medium metro	2021	37.9	2021	37.9	-----	-----	=====			37.9	-5.5	Same
	Small metro	2021	33.5	2021	33.5	-----	-----	=====			33.5	1.2	Same
	Nonmetropolitan	2021	43.0	2021	43.0	-----	-----	=====			43.0	-13.2	Better
	Micropolitan	2021	41.4	2021	41.4	-----	-----	=====			41.4	-10.8	Better
	Noncore	2021	45.2	2021	45.2	-----	-----	=====			45.2	-16.6	Better
Age	18-44	2021	34.1	2021	34.1	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	52.0	2021	52.0	-----	-----	=====	18-44	34.1	52.0	-27.2	Better
	45-64	2021	36.1	2021	36.1	-----	-----	=====			36.1	-3.0	Same
	65 and over	2021	43.1	2021	43.1	-----	-----	=====			43.1	-13.7	Better
Gender	Male	2021	37.5	2021	37.5	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	36.7	2021	36.7	-----	-----	=====	Male	37.5	36.7	1.3	Same
Education	At least some college	2021	30.0	2021	30.0	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	54.4	2021	54.4	-----	-----	=====	At least some college	30.0	54.4	-34.9	Better
	High school graduate	2021	45.2	2021	45.2	-----	-----	=====			45.2	-21.7	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 1.4.20. People age 12 and over with drug or prescription psychotherapeutics use in the past 12 months who used drugs a little more or much more than before the COVID-19 pandemic

Source: NSDUH

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	2021	9.6	2021	9.6	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	9.2	2021	9.2	-----	-----	=====					
	AI/AN	2021	9.1	2021	9.1	-----	-----	=====	White	9.2	9.1	-1.1	Same
	Asian	2021	8.7	2021	8.7	-----	-----	=====			8.7	-5.4	Same
	Black	2021	11.5	2021	11.5	-----	-----	=====			11.5	25.0	Worse
	Multiple races	2021	11.5	2021	11.5	-----	-----	=====			11.5	25.0	Same
Ethnicity	Non-Hispanic, White	2021	9.1	2021	9.1	-----	-----	=====					
	Hispanic, all races	2021	10.5	2021	10.5	-----	-----	=====	Non-Hispanic, White	9.1	10.5	15.4	Same
	Non-Hispanic, all races	2021	9.4	2021	9.4	-----	-----	=====			9.4	3.3	Same
	Non-Hispanic, Black	2021	11.4	2021	11.4	-----	-----	=====			11.4	25.3	Worse
Income	400% of PL or more	2021	8.9	2021	8.9	-----	-----	=====					
	Less than 100% of PL	2021	11.5	2021	11.5	-----	-----	=====	400% of PL or more	8.9	11.5	29.2	Worse
	100%-199% of PL	2021	9.7	2021	9.7	-----	-----	=====			9.7	9.0	Same
	200%-399% of PL	2021	9.2	2021	9.2	-----	-----	=====			9.2	3.4	Same
Metropolitan status	Large fringe metro	2021	9.4	2021	9.4	-----	-----	=====					
	Metropolitan	2021	10.2	2021	10.2	-----	-----	=====	Large fringe metro	9.4	10.2	8.5	Same
	Large central metro	2021	12.1	2021	12.1	-----	-----	=====			12.1	28.7	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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
	Medium metro	2021	9.2	2021	9.2	-----	-----	=====			9.2	-2.1	Same
	Small metro	2021	8.5	2021	8.5	-----	-----	=====			8.5	-9.6	Same
	Nonmetropolitan	2021	5.9	2021	5.9	-----	-----	=====			5.9	-37.2	Better
	Micropolitan	2021	6.3	2021	6.3	-----	-----	=====			6.3	-33.0	Better
	Noncore	2021	5.2	2021	5.2	-----	-----	=====			5.2	-44.7	Better
Age	18-44	2021	13.7	2021	13.7	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	12.8	2021	12.8	-----	-----	=====	18-44	13.7	12.8	-6.6	Same
	45-64	2021	6.1	2021	6.1	-----	-----	=====			6.1	-55.5	Better
	65 and over	2021	3.5	2021	3.5	-----	-----	=====			3.5	-74.5	Better
Gender	Male	2021	9.2	2021	9.2	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	9.9	2021	9.9	-----	-----	=====	Male	9.2	9.9	7.6	Same
Education	At least some college	2021	10.6	2021	10.6	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	8.1	2021	8.1	-----	-----	=====	At least some college	10.6	8.1	-23.6	Better
	High school graduate	2021	7.0	2021	7.0	-----	-----	=====			7.0	-34.0	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Appendix Table 1.4.21. People age 12 and over who were unable to access needed care for substance use treatment due to the COVID-19 pandemic resulting in moderate to severe impact on health

Source: NSDUH

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	2021	2.6	2021	2.6	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	2.4	2021	2.4	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	4.0	2021	4.0	-----	-----	=====	White	2.4	4.0	66.7	Same
	Asian	2021	1.6	2021	1.6	-----	-----	=====			1.6	-33.3	Better
	Black	2021	4.1	2021	4.1	-----	-----	=====			4.1	70.8	Worse
	Multiple races	2021	5.1	2021	5.1	-----	-----	=====			5.1	112.5	Worse
Ethnicity	Non-Hispanic, White	2021	1.8	2021	1.8	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	4.8	2021	4.8	-----	-----	=====	Non-Hispanic, White	1.8	4.8	166.7	Worse
	Non-Hispanic, all races	2021	2.1	2021	2.1	-----	-----	=====			2.1	16.7	Worse
	Non-Hispanic, Black	2021	3.8	2021	3.8	-----	-----	=====			3.8	111.1	Worse
Income	400% of PL or more	2021	1.0	2021	1.0	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	6.1	2021	6.1	-----	-----	=====	400% of PL or more	1.0	6.1	510.0	Worse
	100%-199% of PL	2021	4.1	2021	4.1	-----	-----	=====			4.1	310.0	Worse
	200%-399% of PL	2021	1.8	2021	1.8	-----	-----	=====			1.8	80.0	Worse
Metropolitan status	Large fringe metro	2021	2.2	2021	2.2	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	2.6	2021	2.6	-----	-----	=====	Large fringe metro	2.2	2.6	18.2	Same
	Large central metro	2021	2.8	2021	2.8	-----	-----	=====			2.8	27.3	Same
	Medium metro	2021	2.9	2021	2.9	-----	-----	=====			2.9	31.8	Same
	Small metro	2021	2.6	2021	2.6	-----	-----	=====			2.6	18.2	Same
	Nonmetropolitan	2021	2.5	2021	2.5	-----	-----	=====			2.5	13.6	Same
	Micropolitan	2021	2.5	2021	2.5	-----	-----	=====			2.5	13.6	Same
	Noncore	2021	2.6	2021	2.6	-----	-----	=====			2.6	18.2	Same
Age	18-44	2021	2.7	2021	2.7	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	2.0	2021	2.0	-----	-----	=====	18-44	2.7	2.0	-25.9	Better
	45-64	2021	3.2	2021	3.2	-----	-----	=====			3.2	18.5	Same
	65 and over	2021	1.9	2021	1.9	-----	-----	=====			1.9	-29.6	Better
Gender	Male	2021	2.5	2021	2.5	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	2.7	2021	2.7	-----	-----	=====	Male	2.5	2.7	8.0	Same
Education	At least some college	2021	1.8	2021	1.8	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	6.3	2021	6.3	-----	-----	=====	At least some college	1.8	6.3	250.0	Worse
	High school graduate	2021	3.2	2021	3.2	-----	-----	=====			3.2	77.8	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 1.4.22. People age 12 and over with illicit drug or alcohol use in the past 12 months who were unable to access needed care for substance use treatment due to the COVID-19 pandemic resulting in moderate to severe impact on health

Source: NSDUH

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	2021	2.4	2021	2.4	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	2.2	2021	2.2	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	4.2	2021	4.2	-----	-----	=====	White	2.2	4.2	90.9	Same
	Black	2021	3.3	2021	3.3	-----	-----	=====			3.3	50.0	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	5.5	2021	5.5	-----	-----	=====			5.5	150.0	Worse
Ethnicity	Non-Hispanic, White	2021	1.8	2021	1.8	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	4.2	2021	4.2	-----	-----	=====	Non-Hispanic, White	1.8	4.2	133.3	Worse
	Non-Hispanic, all races	2021	2.0	2021	2.0	-----	-----	=====			2.0	11.1	Same
	Non-Hispanic, Black	2021	3.1	2021	3.1	-----	-----	=====			3.1	72.2	Worse
Income	400% of PL or more	2021	0.9	2021	0.9	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	6.5	2021	6.5	-----	-----	=====	400% of PL or more	0.9	6.5	622.2	Worse
	100%-199% of PL	2021	3.7	2021	3.7	-----	-----	=====			3.7	311.1	Worse
	200%-399% of PL	2021	1.9	2021	1.9	-----	-----	=====			1.9	111.1	Worse
Metropolitan status	Large fringe metro	2021	2.2	2021	2.2	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	2.4	2021	2.4	-----	-----	=====	Large fringe metro	2.2	2.4	9.1	Same
	Large central metro	2021	2.3	2021	2.3	-----	-----	=====			2.3	4.5	Same
	Medium metro	2021	2.7	2021	2.7	-----	-----	=====			2.7	22.7	Same
	Small metro	2021	2.3	2021	2.3	-----	-----	=====			2.3	4.5	Same
	Nonmetropolitan	2021	2.4	2021	2.4	-----	-----	=====			2.4	9.1	Same
	Micropolitan	2021	2.2	2021	2.2	-----	-----	=====			2.2	0.0	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	2.6	2021	2.6	-----	-----	=====			2.6	18.2	Same
Age	18-44	2021	2.5	2021	2.5	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	3.6	2021	3.6	-----	-----	=====	18-44	2.5	3.6	44.0	Same
	45-64	2021	2.6	2021	2.6	-----	-----	=====			2.6	4.0	Same
	65 and over	2021	1.3	2021	1.3	-----	-----	=====			1.3	-48.0	Better
Gender	Male	2021	2.4	2021	2.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	2.4	2021	2.4	-----	-----	=====	Male	2.4	2.4	0.0	Same
Education	At least some college	2021	1.7	2021	1.7	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	5.2	2021	5.2	-----	-----	=====	At least some college	1.7	5.2	205.9	Worse
	High school graduate	2021	3.1	2021	3.1	-----	-----	=====			3.1	82.4	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.4.23. People age 12 and over with illicit drug or alcohol use disorder in the past 12 months who were unable to access needed care for substance use treatment due to the COVID-19 pandemic resulting in moderate to severe impact on health

Source: NSDUH

Benchmark: Not available

Data year for disparities analysis: 2021

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	5.2	2021	5.2	-----	-----	=====					
Race	White	2021	4.6	2021	4.6	-----	-----	=====					
	Black	2021	6.9	2021	6.9	-----	-----	=====	White	4.6	6.9	50.0	Worse
Ethnicity	Non-Hispanic, White	2021	4.0	2021	4.0	-----	-----	=====					
	Hispanic, all races	2021	7.3	2021	7.3	-----	-----	=====	Non-Hispanic, White	4.0	7.3	82.5	Worse
	Non-Hispanic, all races	2021	4.7	2021	4.7	-----	-----	=====			4.7	17.5	Same
	Non-Hispanic, Black	2021	6.9	2021	6.9	-----	-----	=====			6.9	72.5	Worse
Income	400% of PL or more	2021	1.8	2021	1.8	-----	-----	=====					
	Less than 100% of PL	2021	10.4	2021	10.4	-----	-----	=====	400% of PL or more	1.8	10.4	477.8	Worse
	100%-199% of PL	2021	7.2	2021	7.2	-----	-----	=====			7.2	300.0	Worse
	200%-399% of PL	2021	4.2	2021	4.2	-----	-----	=====			4.2	133.3	Worse
Metropolitan status	Large fringe metro	2021	5.7	2021	5.7	-----	-----	=====					
	Metropolitan	2021	5.2	2021	5.2	-----	-----	=====	Large fringe metro	5.7	5.2	-8.8	Same
	Large central metro	2021	4.8	2021	4.8	-----	-----	=====			4.8	-15.8	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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
	Medium metro	2021	6.0	2021	6.0	-----	-----	=====			6.0	5.3	Same
	Small metro	2021	4.1	2021	4.1	-----	-----	=====			4.1	-28.1	Same
	Nonmetropolitan	2021	4.8	2021	4.8	-----	-----	=====			4.8	-15.8	Same
	Micropolitan	2021	3.9	2021	3.9	-----	-----	=====			3.9	-31.6	Same
	Noncore	2021	6.2	2021	6.2	-----	-----	=====			6.2	8.8	Same
Age	18-44	2021	4.7	2021	4.7	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	6.7	2021	6.7	-----	-----	=====	18-44	4.7	6.7	42.6	Same
	45-64	2021	5.9	2021	5.9	-----	-----	=====			5.9	25.5	Same
Gender	Male	2021	5.1	2021	5.1	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	5.3	2021	5.3	-----	-----	=====	Male	5.1	5.3	3.9	Same
Education	At least some college	2021	3.9	2021	3.9	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	9.4	2021	9.4	-----	-----	=====	At least some college	3.9	9.4	141.0	Worse
	High school graduate	2021	6.1	2021	6.1	-----	-----	=====			6.1	56.4	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.4.24. People age 12 and over who delayed getting prescriptions for substance use treatment due to the COVID-19 pandemic

Source: NSDUH

Benchmark: Not available

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	3.7	2021	3.7	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	3.4	2021	3.4	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	6.2	2021	6.2	-----	-----	=====	White	3.4	6.2	82.4	Worse
	Asian	2021	2.8	2021	2.8	-----	-----	=====			2.8	-17.6	Same
	Black	2021	5.1	2021	5.1	-----	-----	=====			5.1	50.0	Worse
	Multiple races	2021	6.5	2021	6.5	-----	-----	=====			6.5	91.2	Worse
Ethnicity	Non-Hispanic, White	2021	2.7	2021	2.7	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	6.5	2021	6.5	-----	-----	=====	Non-Hispanic, White	2.7	6.5	140.7	Worse
	Non-Hispanic, all races	2021	3.1	2021	3.1	-----	-----	=====			3.1	14.8	Same
	Non-Hispanic, Black	2021	4.8	2021	4.8	-----	-----	=====			4.8	77.8	Worse
Income	400% of PL or more	2021	1.7	2021	1.7	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	7.7	2021	7.7	-----	-----	=====	400% of PL or more	1.7	7.7	352.9	Worse
	100%-199% of PL	2021	5.4	2021	5.4	-----	-----	=====			5.4	217.6	Worse
	200%-399% of PL	2021	2.8	2021	2.8	-----	-----	=====			2.8	64.7	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	3.2	2021	3.2	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	3.7	2021	3.7	-----	-----	=====	Large fringe metro	3.2	3.7	15.6	Same
	Large central metro	2021	4.2	2021	4.2	-----	-----	=====			4.2	31.3	Worse
	Medium metro	2021	3.7	2021	3.7	-----	-----	=====			3.7	15.6	Same
	Small metro	2021	3.0	2021	3.0	-----	-----	=====			3.0	-6.3	Same
	Nonmetropolitan	2021	3.8	2021	3.8	-----	-----	=====			3.8	18.8	Same
	Micropolitan	2021	3.4	2021	3.4	-----	-----	=====			3.4	6.3	Same
	Noncore	2021	4.4	2021	4.4	-----	-----	=====			4.4	37.5	Same
Age	18-44	2021	3.6	2021	3.6	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	3.3	2021	3.3	-----	-----	=====	18-44	3.6	3.3	-8.3	Same
	45-64	2021	4.2	2021	4.2	-----	-----	=====			4.2	16.7	Same
	65 and over	2021	3.3	2021	3.3	-----	-----	=====			3.3	-8.3	Same
Gender	Male	2021	3.4	2021	3.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	3.9	2021	3.9	-----	-----	=====	Male	3.4	3.9	14.7	Same
Education	At least some college	2021	2.7	2021	2.7	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	7.9	2021	7.9	-----	-----	=====	At least some college	2.7	7.9	192.6	Worse
	High school graduate	2021	4.4	2021	4.4	-----	-----	=====			4.4	63.0	Worse

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

===== : Not applicable.

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

Appendix Table 1.4.25. People age 12 and over with illicit drug or alcohol use in the past 12 months who delayed getting prescriptions for substance use treatment due to the COVID-19 pandemic

Source: NSDUH

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	2021	3.3	2021	3.3	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	2.9	2021	2.9	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	7.2	2021	7.2	-----	-----	=====	White	2.9	7.2	148.3	Worse
	Asian	2021	3.3	2021	3.3	-----	-----	=====			3.3	13.8	Same
	Black	2021	4.8	2021	4.8	-----	-----	=====			4.8	65.5	Worse
	Multiple races	2021	7.7	2021	7.7	-----	-----	=====			7.7	165.5	Worse
Ethnicity	Non-Hispanic, White	2021	2.5	2021	2.5	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	5.3	2021	5.3	-----	-----	=====	Non-Hispanic, White	2.5	5.3	112.0	Worse
	Non-Hispanic, all races	2021	2.9	2021	2.9	-----	-----	=====			2.9	16.0	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	4.4	2021	4.4	-----	-----	=====			4.4	76.0	Worse
Income	400% of PL or more	2021	1.6	2021	1.6	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	8.1	2021	8.1	-----	-----	=====	400% of PL or more	1.6	8.1	406.3	Worse
	100%-199% of PL	2021	5.0	2021	5.0	-----	-----	=====			5.0	212.5	Worse
	200%-399% of PL	2021	2.6	2021	2.6	-----	-----	=====			2.6	62.5	Worse
Metropolitan status	Large fringe metro	2021	3.0	2021	3.0	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	3.3	2021	3.3	-----	-----	=====	Large fringe metro	3.0	3.3	10.0	Same
	Large central metro	2021	3.6	2021	3.6	-----	-----	=====			3.6	20.0	Same
	Medium metro	2021	3.2	2021	3.2	-----	-----	=====			3.2	6.7	Same
	Small metro	2021	2.7	2021	2.7	-----	-----	=====			2.7	-10.0	Same
	Nonmetropolitan	2021	3.6	2021	3.6	-----	-----	=====			3.6	20.0	Same
	Micropolitan	2021	3.2	2021	3.2	-----	-----	=====			3.2	6.7	Same
	Noncore	2021	4.2	2021	4.2	-----	-----	=====			4.2	40.0	Same
Age	18-44	2021	3.3	2021	3.3	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	4.9	2021	4.9	-----	-----	=====	18-44	3.3	4.9	48.5	Worse
	45-64	2021	3.6	2021	3.6	-----	-----	=====			3.6	9.1	Same
	65 and over	2021	2.4	2021	2.4	-----	-----	=====			2.4	-27.3	Better
Gender	Male	2021	3.1	2021	3.1	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	3.5	2021	3.5	-----	-----	=====	Male	3.1	3.5	12.9	Same
Education	At least some college	2021	2.5	2021	2.5	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	7.4	2021	7.4	-----	-----	=====	At least some college	2.5	7.4	196.0	Worse
	High school graduate	2021	3.9	2021	3.9	-----	-----	=====			3.9	56.0	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 1.4.26. People age 12 and over with illicit drug or alcohol use disorder in the past 12 months who delayed getting prescriptions for substance use treatment due to the COVID-19 pandemic

Source: NSDUH

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	2021	6.1	2021	6.1	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	5.0	2021	5.0	-----	-----	=====					
	AI/AN	2021	12.6	2021	12.6	-----	-----	=====	White	5.0	12.6	152.0	Worse
	Black	2021	9.3	2021	9.3	-----	-----	=====			9.3	86.0	Worse
	Multiple races	2021	12.3	2021	12.3	-----	-----	=====			12.3	146.0	Worse
Ethnicity	Non-Hispanic, White	2021	4.4	2021	4.4	-----	-----	=====					
	Hispanic, all races	2021	8.1	2021	8.1	-----	-----	=====	Non-Hispanic, White	4.4	8.1	84.1	Worse
	Non-Hispanic, all races	2021	5.7	2021	5.7	-----	-----	=====			5.7	29.5	Worse
	Non-Hispanic, Black	2021	8.6	2021	8.6	-----	-----	=====			8.6	95.5	Worse
Income	400% of PL or more	2021	3.1	2021	3.1	-----	-----	=====					
	Less than 100% of PL	2021	12.1	2021	12.1	-----	-----	=====	400% of PL or more	3.1	12.1	290.3	Worse
	100%-199% of PL	2021	6.5	2021	6.5	-----	-----	=====			6.5	109.7	Worse
	200%-399% of PL	2021	5.4	2021	5.4	-----	-----	=====			5.4	74.2	Worse
Metropolitan status	Large fringe metro	2021	6.7	2021	6.7	-----	-----	=====					
	Metropolitan	2021	6.2	2021	6.2	-----	-----	=====	Large fringe metro	6.7	6.2	-7.5	Same
	Large central metro	2021	5.7	2021	5.7	-----	-----	=====			5.7	-14.9	Same
	Medium metro	2021	6.9	2021	6.9	-----	-----	=====			6.9	3.0	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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
	Small metro	2021	5.3	2021	5.3	-----	-----	=====			5.3	-20.9	Same
	Nonmetropolitan	2021	5.0	2021	5.0	-----	-----	=====			5.0	-25.4	Same
	Micropolitan	2021	4.1	2021	4.1	-----	-----	=====			4.1	-38.8	Same
	Noncore	2021	6.6	2021	6.6	-----	-----	=====			6.6	-1.5	Same
Age	18-44	2021	5.4	2021	5.4	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	9.5	2021	9.5	-----	-----	=====	18-44	5.4	9.5	75.9	Worse
	45-64	2021	7.0	2021	7.0	-----	-----	=====			7.0	29.6	Same
Gender	Male	2021	5.6	2021	5.6	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	6.7	2021	6.7	-----	-----	=====	Male	5.6	6.7	19.6	Same
Education	At least some college	2021	5.0	2021	5.0	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	11.7	2021	11.7	-----	-----	=====	At least some college	5.0	11.7	134.0	Worse
	High school graduate	2021	5.7	2021	5.7	-----	-----	=====			5.7	14.0	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 1.4.27. People age 12 and over who had appointments for substance use treatment that were delayed or cancelled due to the COVID-19 pandemic

Source: NSDUH

Benchmark: Not available

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	7.8	2021	7.8	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	7.5	2021	7.5	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	9.5	2021	9.5	-----	-----	=====	White	7.5	9.5	26.7	Same
	Asian	2021	6.7	2021	6.7	-----	-----	=====			6.7	-10.7	Same
	NHPI	2021	9.7	2021	9.7	-----	-----	=====			9.7	29.3	Same
	Black	2021	9.4	2021	9.4	-----	-----	=====			9.4	25.3	Worse
	Multiple races	2021	8.9	2021	8.9	-----	-----	=====			8.9	18.7	Same
Ethnicity	Non-Hispanic, White	2021	6.4	2021	6.4	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	11.6	2021	11.6	-----	-----	=====	Non-Hispanic, White	6.4	11.6	81.3	Worse
	Non-Hispanic, all races	2021	6.9	2021	6.9	-----	-----	=====			6.9	7.8	Same
	Non-Hispanic, Black	2021	9.3	2021	9.3	-----	-----	=====			9.3	45.3	Worse
Income	400% of PL or more	2021	5.0	2021	5.0	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	13.1	2021	13.1	-----	-----	=====	400% of PL or more	5.0	13.1	162.0	Worse
	100%-199% of PL	2021	10.7	2021	10.7	-----	-----	=====			10.7	114.0	Worse
	200%-399% of PL	2021	6.4	2021	6.4	-----	-----	=====			6.4	28.0	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	6.8	2021	6.8	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	7.6	2021	7.6	-----	-----	=====	Large fringe metro	6.8	7.6	11.8	Same
	Large central metro	2021	7.8	2021	7.8	-----	-----	=====			7.8	14.7	Same
	Medium metro	2021	8.2	2021	8.2	-----	-----	=====			8.2	20.6	Worse
	Small metro	2021	7.3	2021	7.3	-----	-----	=====			7.3	7.4	Same
	Nonmetropolitan	2021	8.8	2021	8.8	-----	-----	=====			8.8	29.4	Worse
	Micropolitan	2021	8.7	2021	8.7	-----	-----	=====			8.7	27.9	Worse
	Noncore	2021	9.1	2021	9.1	-----	-----	=====			9.1	33.8	Worse
Age	18-44	2021	7.0	2021	7.0	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	8.7	2021	8.7	-----	-----	=====	18-44	7.0	8.7	24.3	Worse
	45-64	2021	8.5	2021	8.5	-----	-----	=====			8.5	21.4	Worse
	65 and over	2021	7.7	2021	7.7	-----	-----	=====			7.7	10.0	Same
Gender	Male	2021	7.1	2021	7.1	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	8.4	2021	8.4	-----	-----	=====	Male	7.1	8.4	18.3	Worse
Education	At least some college	2021	5.9	2021	5.9	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	13.7	2021	13.7	-----	-----	=====	At least some college	5.9	13.7	132.2	Worse
	High school graduate	2021	9.3	2021	9.3	-----	-----	=====			9.3	57.6	Worse

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

===== : Not applicable.

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

Appendix Table 1.4.28. People age 12 and over with illicit drug or alcohol use in the past 12 months who had appointments for substance use treatment that were delayed or cancelled due to the COVID-19 pandemic

Source: NSDUH

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	2021	7.1	2021	7.1	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	6.7	2021	6.7	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	9.9	2021	9.9	-----	-----	=====	White	6.7	9.9	47.8	Same
	Asian	2021	6.3	2021	6.3	-----	-----	=====			6.3	-6.0	Same
	Black	2021	8.6	2021	8.6	-----	-----	=====			8.6	28.4	Worse
	Multiple races	2021	10.4	2021	10.4	-----	-----	=====			10.4	55.2	Worse
Ethnicity	Non-Hispanic, White	2021	6.2	2021	6.2	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	9.9	2021	9.9	-----	-----	=====	Non-Hispanic, White	6.2	9.9	59.7	Worse
	Non-Hispanic, all races	2021	6.6	2021	6.6	-----	-----	=====			6.6	6.5	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	8.4	2021	8.4	-----	-----	=====			8.4	35.5	Worse
Income	400% of PL or more	2021	4.6	2021	4.6	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	13.1	2021	13.1	-----	-----	=====	400% of PL or more	4.6	13.1	184.8	Worse
	100%-199% of PL	2021	10.1	2021	10.1	-----	-----	=====			10.1	119.6	Worse
	200%-399% of PL	2021	6.3	2021	6.3	-----	-----	=====			6.3	37.0	Worse
Metropolitan status	Large fringe metro	2021	6.5	2021	6.5	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	6.9	2021	6.9	-----	-----	=====	Large fringe metro	6.5	6.9	6.2	Same
	Large central metro	2021	6.8	2021	6.8	-----	-----	=====			6.8	4.6	Same
	Medium metro	2021	7.6	2021	7.6	-----	-----	=====			7.6	16.9	Same
	Small metro	2021	7.1	2021	7.1	-----	-----	=====			7.1	9.2	Same
	Nonmetropolitan	2021	8.0	2021	8.0	-----	-----	=====			8.0	23.1	Same
	Micropolitan	2021	7.9	2021	7.9	-----	-----	=====			7.9	21.5	Same
	Noncore	2021	8.2	2021	8.2	-----	-----	=====			8.2	26.2	Same
Age	18-44	2021	6.6	2021	6.6	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	9.9	2021	9.9	-----	-----	=====	18-44	6.6	9.9	50.0	Worse
	45-64	2021	7.9	2021	7.9	-----	-----	=====			7.9	19.7	Worse
	65 and over	2021	6.5	2021	6.5	-----	-----	=====			6.5	-1.5	Same
Gender	Male	2021	6.7	2021	6.7	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	7.5	2021	7.5	-----	-----	=====	Male	6.7	7.5	11.9	Same
Education	At least some college	2021	5.5	2021	5.5	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	12.4	2021	12.4	-----	-----	=====	At least some college	5.5	12.4	125.5	Worse
	High school graduate	2021	9.4	2021	9.4	-----	-----	=====			9.4	70.9	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 1.4.29. People age 12 and over with illicit drug or alcohol use disorder in the past 12 months who had appointments for substance use treatment that were delayed or cancelled due to the COVID-19 pandemic

Source: NSDUH

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	2021	10.5	2021	10.5	-----	-----	=====	=====	=====	=====	=====	=====

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	9.6	2021	9.6	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	13.2	2021	13.2	-----	-----	=====	White	9.6	13.2	37.5	Same
	Black	2021	13.5	2021	13.5	-----	-----	=====			13.5	40.6	Same
	Multiple races	2021	14.5	2021	14.5	-----	-----	=====			14.5	51.0	Same
Ethnicity	Non-Hispanic, White	2021	9.0	2021	9.0	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	11.7	2021	11.7	-----	-----	=====	Non-Hispanic, White	9.0	11.7	30.0	Same
	Non-Hispanic, all races	2021	10.2	2021	10.2	-----	-----	=====			10.2	13.3	Same
	Non-Hispanic, Black	2021	13.9	2021	13.9	-----	-----	=====			13.9	54.4	Worse
Income	400% of PL or more	2021	6.2	2021	6.2	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	16.3	2021	16.3	-----	-----	=====	400% of PL or more	6.2	16.3	162.9	Worse
	100%-199% of PL	2021	12.9	2021	12.9	-----	-----	=====			12.9	108.1	Worse
	200%-399% of PL	2021	10.0	2021	10.0	-----	-----	=====			10.0	61.3	Worse
Metropolitan status	Large fringe metro	2021	12.0	2021	12.0	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	10.6	2021	10.6	-----	-----	=====	Large fringe metro	12.0	10.6	-11.7	Same
	Large central metro	2021	9.6	2021	9.6	-----	-----	=====			9.6	-20.0	Same
	Medium metro	2021	11.4	2021	11.4	-----	-----	=====			11.4	-5.0	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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
	Small metro	2021	8.8	2021	8.8	-----	-----	=====			8.8	-26.7	Same
	Nonmetropolitan	2021	9.9	2021	9.9	-----	-----	=====			9.9	-17.5	Same
	Micropolitan	2021	9.1	2021	9.1	-----	-----	=====			9.1	-24.2	Same
	Noncore	2021	11.1	2021	11.1	-----	-----	=====			11.1	-7.5	Same
Age	18-44	2021	9.4	2021	9.4	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	12.6	2021	12.6	-----	-----	=====	18-44	9.4	12.6	34.0	Same
	45-64	2021	11.6	2021	11.6	-----	-----	=====			11.6	23.4	Same
	65 and over	2021	14.4	2021	14.4	-----	-----	=====			14.4	53.2	Same
Gender	Male	2021	10.5	2021	10.5	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	10.5	2021	10.5	-----	-----	=====	Male	10.5	10.5	0.0	Same
Education	At least some college	2021	8.5	2021	8.5	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	16.5	2021	16.5	-----	-----	=====	At least some college	8.5	16.5	94.1	Worse
	High school graduate	2021	12.1	2021	12.1	-----	-----	=====			12.1	42.4	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Appendix Table 1.4.30. People age 12 and over who had appointments for substance use treatment that was moved from in-person to telehealth due to the COVID-19 pandemic

Source: NSDUH

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	8.5	2021	8.5	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	8.2	2021	8.2	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	10.3	2021	10.3	-----	-----	=====	White	8.2	10.3	25.6	Same
	Asian	2021	7.3	2021	7.3	-----	-----	=====			7.3	-11.0	Same
	NHPI	2021	9.2	2021	9.2	-----	-----	=====			9.2	12.2	Same
	Black	2021	10.3	2021	10.3	-----	-----	=====			10.3	25.6	Worse
	Multiple races	2021	10.5	2021	10.5	-----	-----	=====			10.5	28.0	Same
Ethnicity	Non-Hispanic, White	2021	7.4	2021	7.4	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	11.4	2021	11.4	-----	-----	=====	Non-Hispanic, White	7.4	11.4	54.1	Worse
	Non-Hispanic, all races	2021	7.9	2021	7.9	-----	-----	=====			7.9	6.8	Same
	Non-Hispanic, Black	2021	10.0	2021	10.0	-----	-----	=====			10.0	35.1	Worse
Income	400% of PL or more	2021	5.9	2021	5.9	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	12.8	2021	12.8	-----	-----	=====	400% of PL or more	5.9	12.8	116.9	Worse
	100%-199% of PL	2021	11.1	2021	11.1	-----	-----	=====			11.1	88.1	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	7.7	2021	7.7	-----	-----	=====			7.7	30.5	Worse
Metropolitan status	Large fringe metro	2021	7.9	2021	7.9	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	8.4	2021	8.4	-----	-----	=====	Large fringe metro	7.9	8.4	6.3	Same
	Large central metro	2021	9.2	2021	9.2	-----	-----	=====			9.2	16.5	Worse
	Medium metro	2021	8.5	2021	8.5	-----	-----	=====			8.5	7.6	Same
	Small metro	2021	7.3	2021	7.3	-----	-----	=====			7.3	-7.6	Same
	Nonmetropolitan	2021	8.9	2021	8.9	-----	-----	=====			8.9	12.7	Same
	Micropolitan	2021	8.8	2021	8.8	-----	-----	=====			8.8	11.4	Same
	Noncore	2021	8.9	2021	8.9	-----	-----	=====			8.9	12.7	Same
Age	18-44	2021	8.3	2021	8.3	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	6.1	2021	6.1	-----	-----	=====	18-44	8.3	6.1	-26.5	Better
	45-64	2021	9.8	2021	9.8	-----	-----	=====			9.8	18.1	Worse
	65 and over	2021	8.1	2021	8.1	-----	-----	=====			8.1	-2.4	Same
Gender	Male	2021	7.6	2021	7.6	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	9.3	2021	9.3	-----	-----	=====	Male	7.6	9.3	22.4	Worse
Education	At least some college	2021	7.4	2021	7.4	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	13.2	2021	13.2	-----	-----	=====	At least some college	7.4	13.2	78.4	Worse
	High school graduate	2021	9.8	2021	9.8	-----	-----	=====			9.8	32.4	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

----- : 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 1.4.31. People age 12 and over with illicit drug or alcohol use in the past 12 months who had appointments for substance use treatment that was moved from in-person to telehealth due to the COVID-19 pandemic

Source: NSDUH

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	2021	8.2	2021	8.2	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	7.8	2021	7.8	-----	-----	=====	=====	=====	=====	=====	=====
	AI/AN	2021	9.9	2021	9.9	-----	-----	=====	White	7.8	9.9	26.9	Same
	Asian	2021	6.8	2021	6.8	-----	-----	=====			6.8	-12.8	Same
	Black	2021	9.7	2021	9.7	-----	-----	=====			9.7	24.4	Worse
	Multiple races	2021	12.7	2021	12.7	-----	-----	=====			12.7	62.8	Worse
Ethnicity	Non-Hispanic, White	2021	7.5	2021	7.5	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	9.7	2021	9.7	-----	-----	=====	Non-Hispanic, White	7.5	9.7	29.3	Worse

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	7.9	2021	7.9	-----	-----	=====			7.9	5.3	Same
	Non-Hispanic, Black	2021	9.4	2021	9.4	-----	-----	=====			9.4	25.3	Worse
Income	400% of PL or more	2021	5.5	2021	5.5	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	12.8	2021	12.8	-----	-----	=====	400% of PL or more	5.5	12.8	132.7	Worse
	100%-199% of PL	2021	11.6	2021	11.6	-----	-----	=====			11.6	110.9	Worse
	200%-399% of PL	2021	7.9	2021	7.9	-----	-----	=====			7.9	43.6	Worse
Metropolitan status	Large fringe metro	2021	7.9	2021	7.9	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	8.0	2021	8.0	-----	-----	=====	Large fringe metro	7.9	8.0	1.3	Same
	Large central metro	2021	8.7	2021	8.7	-----	-----	=====			8.7	10.1	Same
	Medium metro	2021	7.8	2021	7.8	-----	-----	=====			7.8	-1.3	Same
	Small metro	2021	6.6	2021	6.6	-----	-----	=====			6.6	-16.5	Same
	Nonmetropolitan	2021	9.2	2021	9.2	-----	-----	=====			9.2	16.5	Same
	Micropolitan	2021	9.0	2021	9.0	-----	-----	=====			9.0	13.9	Same
	Noncore	2021	9.5	2021	9.5	-----	-----	=====			9.5	20.3	Same
Age	18-44	2021	7.9	2021	7.9	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	7.9	2021	7.9	-----	-----	=====	18-44	7.9	7.9	0.0	Same
	45-64	2021	9.0	2021	9.0	-----	-----	=====			9.0	13.9	Same
	65 and over	2021	7.4	2021	7.4	-----	-----	=====			7.4	-6.3	Same

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	2021	7.4	2021	7.4	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	8.9	2021	8.9	-----	-----	=====	Male	7.4	8.9	20.3	Worse
Education	At least some college	2021	7.1	2021	7.1	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	11.1	2021	11.1	-----	-----	=====	At least some college	7.1	11.1	56.3	Worse
	High school graduate	2021	10.0	2021	10.0	-----	-----	=====			10.0	40.8	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 1.4.32. People age 12 and over with illicit drug or alcohol use disorder in the past 12 months who had appointments for substance use treatment that was moved from in-person to telehealth due to the COVID-19 pandemic

Source: NSDUH

Benchmark: Not available

Data year for disparities analysis: 2021

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

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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	11.9	2021	11.9	-----	-----	=====	=====	=====	=====	=====	=====
Race	White	2021	11.5	2021	11.5	-----	-----	=====	=====	=====	=====	=====	=====
	Black	2021	13.7	2021	13.7	-----	-----	=====	White	11.5	13.7	19.1	Same
	Multiple races	2021	17.8	2021	17.8	-----	-----	=====			17.8	54.8	Same
Ethnicity	Non-Hispanic, White	2021	11.3	2021	11.3	-----	-----	=====	=====	=====	=====	=====	=====
	Hispanic, all races	2021	12.6	2021	12.6	-----	-----	=====	Non-Hispanic, White	11.3	12.6	11.5	Same
	Non-Hispanic, all races	2021	11.8	2021	11.8	-----	-----	=====			11.8	4.4	Same
	Non-Hispanic, Black	2021	13.3	2021	13.3	-----	-----	=====			13.3	17.7	Same
Income	400% of PL or more	2021	8.2	2021	8.2	-----	-----	=====	=====	=====	=====	=====	=====
	Less than 100% of PL	2021	17.5	2021	17.5	-----	-----	=====	400% of PL or more	8.2	17.5	113.4	Worse
	100%-199% of PL	2021	15.4	2021	15.4	-----	-----	=====			15.4	87.8	Worse
	200%-399% of PL	2021	10.0	2021	10.0	-----	-----	=====			10.0	22.0	Same
Metropolitan status	Large fringe metro	2021	14.7	2021	14.7	-----	-----	=====	=====	=====	=====	=====	=====
	Metropolitan	2021	12.1	2021	12.1	-----	-----	=====	Large fringe metro	14.7	12.1	-17.7	Same
	Large central metro	2021	11.4	2021	11.4	-----	-----	=====			11.4	-22.4	Same
	Medium metro	2021	11.0	2021	11.0	-----	-----	=====			11.0	-25.2	Better

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19

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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
	Small metro	2021	10.6	2021	10.6	-----	-----	=====			10.6	-27.9	Better
	Nonmetropolitan	2021	11.1	2021	11.1	-----	-----	=====			11.1	-24.5	Same
	Micropolitan	2021	10.0	2021	10.0	-----	-----	=====			10.0	-32.0	Better
	Noncore	2021	13.0	2021	13.0	-----	-----	=====			13.0	-11.6	Same
Age	18-44	2021	11.2	2021	11.2	-----	-----	=====	=====	=====	=====	=====	=====
	12-17	2021	12.0	2021	12.0	-----	-----	=====	18-44	11.2	12.0	7.1	Same
	45-64	2021	13.6	2021	13.6	-----	-----	=====			13.6	21.4	Same
	65 and over	2021	12.1	2021	12.1	-----	-----	=====			12.1	8.0	Same
Gender	Male	2021	10.7	2021	10.7	-----	-----	=====	=====	=====	=====	=====	=====
	Female	2021	13.5	2021	13.5	-----	-----	=====	Male	10.7	13.5	26.2	Worse
Education	At least some college	2021	11.3	2021	11.3	-----	-----	=====	=====	=====	=====	=====	=====
	Less than high school graduate	2021	15.0	2021	15.0	-----	-----	=====	At least some college	11.3	15.0	32.7	Same
	High school graduate	2021	12.1	2021	12.1	-----	-----	=====			12.1	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 not a core measure. More information and data are available at <https://datatools.ahrq.gov/nhqdr>.

Measure Category: 1. COVID-19 Experiences, Subcategory: 4. Mental Health and Substance Use During COVID-19