2023 National Healthcare Quality and Disparities Report

Appendix B. Quality Trends and Disparities Tables: Patient Safety

The Institute of Medicine (IOM), now the National Academy of Medicine (NAM), defines patient safety as "freedom from accidental injury due to medical care or medical errors."[1] In 1999, the IOM published their landmark report *To Err Is Human: Building a Safer Health System*,[1] which called for a national effort to reduce medical errors and improve patient safety.

In 2015, NAM built on its initial report on patient safety by publishing *Improving Diagnosis in Health Care*, which identifies eight major goals for effecting progress on diagnostic error and improving patient safety outcomes.[2] Although improving diagnostic safety and quality was not fully addressed in *To Err is Human*, the patient safety field has now established consensus that more attention needs to be placed on reducing diagnostic error.

In addition to providing reports and materials, AHRQ has identified three long-term goals related to improving patient safety. These are:

- Reducing preventable hospital admissions and readmissions,
- Reducing the incidence of adverse healthcare-associated conditions (HACs), and
- Reducing harm from inappropriate or unnecessary care.

To meet these goals, AHRQ supports research and quality improvement programs to reduce healthcare-associated infections (HAIs) and HACs, adverse drug events, and other preventable adverse events.

A common cause of adverse events is gaps in communication either between providers or with patients, their family members, or caregivers. Communication gaps may occur unintentionally and may result from implicit biases among healthcare providers.[3] Thus, researchers, providers, and policymakers are considering patient safety and person-centered care together to better understand breakdowns in care so that patients experience safer care and better health outcomes.

Importance

Mortality

Number of deaths in U.S. hospitals due to medical error each year (1999) .... 44,000-98,000[1]
Age-standardized mortality rate due to adverse effects of medical
treatment (2016) .... 1.15 per 100,000 population[4]

Prevalence

Number of hospital-acquired conditions in U.S. hospitals (2017) .... 2,550,000[5]
All-payer 30-day readmission rate (2016) .... 13.9% of admissions[6]
Increase in ventilator-associated events during COVID-19 Delta surge (2021) .... 60% increase[7]

Cost

Additional hospital inpatient costs due to hospital-acquired conditions (2014)[5]:

Central line-associated bloodstream infection (CLABSI) $48,108
Ventilator-associated pneumonia $47,238
Surgical site infection (SSI) $28,219
Venous thromboembolism $17,367

Key Findings

Patient safety measures that improved overall include:

- Short-stay nursing home patients with pressure ulcers that are new or worsened.
- Postoperative respiratory failure, prolonged mechanical ventilation, or reintubation per 1,000 elective-surgery admissions, age 18 and over.
- Long-stay nursing home residents with a urinary tract infection.
- Home health care patients whose management of oral medications improved.
- Hospital admissions with central venous catheter-related bloodstream infection per 1,000 medical and surgical discharges of length 2 or more days, age 18 and over or obstetric admissions.

Patient safety measures that worsened overall include:

- Adults who reported a home health care provider asking to see all the prescription and over-the-counter medicines they were taking, when they first started getting home health care.

Patient safety measures that showed large disparities include:

- Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling.

Patient safety measures that showed worsening disparities include:

- Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults.

References

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Measure Category: 5. Patient Safety, Subcategory: 1. Healthcare-Associated Infections

Appendix Table 5.1.1. Postoperative sepsis per 1,000 elective-surgery admissions, age 18 and over

Source: HCUP

Benchmark: 3.7 in 2016

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	5.1	2020	3.8	-6.4	Improving	0 years	======	======	======	======	======
Race	White	2016	4.9	2020	3.7	-6.8	Improving	Reached	======	======	======	======	======
	API	2016	5.5	2020	4.7	-4.2	Improving	4 years	White	3.7	4.7	27.4	Worse
	Black	2016	5.5	2020	4.3	-5.8	Improving	2 years			4.3	17.8	Worse
Ethnicity	Non-Hispanic, White	2016	4.9	2020	3.7	-6.8	Improving	Reached	======	======	======	======	======
	Hispanic, all races	2016	5.5	2020	4.5	-4.7	Improving	4 years	Non-Hispanic, White	3.7	4.5	24.4	Worse
	Non-Hispanic, API	2016	5.5	2020	4.7	-4.2	Improving	4 years			4.7	27.4	Worse
	Non-Hispanic, Black	2016	5.5	2020	4.3	-5.8	Improving	2 years			4.3	17.8	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	Fourth quartile (highest income)	2016	4.5	2020	3.5	-5.6	Improving	Reached	======	======	======	======	======
	First quartile (lowest income)	2016	5.7	2020	4.2	-7.0	Improving	1 years	Fourth quartile (highest income)	3.5	4.2	17.5	Worse
	Second quartile	2016	5.0	2020	3.9	-5.7	Improving	1 years			3.9	10.5	Worse
	Third quartile	2016	5.0	2020	3.7	-6.9	Improving	Reached			3.7	3.7	Same
Health insurance	Private insurance	2016	4.3	2020	3.5	-4.9	Improving	Reached	======	======	======	======	======
	Medicare, under 65	2016	6.0	2020	4.9	-5.1	Improving	4 years	Private insurance	3.5	4.9	40.9	Worse
	Medicaid	2016	6.0	2020	4.6	-5.9	Improving	3 years			4.6	33.7	Worse
	Other insurance	2016	4.3	2020	3.4	-5.0	No change	No progress			3.4	-2.3	Same
	Uninsured/self pay/no charge	2016	4.0	2020	3.5	-4.0	No change	No progress			3.5	-0.6	Same
Metropolitan status	Large fringe metro	2016	4.7	2020	3.8	-5.5	Improving	0 years	======	======	======	======	======
	Large central metro	2016	5.3	2020	4.0	-6.5	Improving	1 years	Large fringe metro	3.8	4.0	7.2	Same
	Medium metro	2016	5.1	2020	3.9	-6.3	Improving	1 years			3.9	2.7	Same
	Small metro	2016	5.0	2020	3.7	-7.1	Improving	0 years			3.7	-1.3	Same
	Micropolitan	2016	5.1	2020	3.6	-7.7	Improving	Reached			3.6	-4.5	Same
	Noncore	2016	5.2	2020	3.9	-6.0	Improving	1 years			3.9	4.3	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Age	18-44	2016	3.0	2020	2.7	-3.1	Improving	Reached	======	======	======	======	======
	18-64	2016	4.0	2020	3.3	-5.1	Improving	Reached	18-44	2.7	3.3	21.2	Worse
	65-69	2016	5.3	2020	4.0	-7.0	Improving	1 years			4.0	48.3	Worse
	70-74	2016	6.3	2020	4.4	-8.0	Improving	2 years			4.4	62.5	Worse
	45-64	2016	4.4	2020	3.4	-5.5	Improving	Reached			3.4	27.9	Worse
	75-79	2016	6.6	2020	4.7	-7.5	Improving	2 years			4.7	74.0	Worse
	80-84	2016	6.5	2020	4.5	-7.9	Improving	2 years			4.5	68.0	Worse
	65 and over	2016	6.1	2020	4.3	-7.6	Improving	2 years			4.3	61.0	Worse
	85 and over	2016	6.5	2020	4.2	-9.0	Improving	1 years			4.2	56.9	Worse
Gender	Male	2016	5.6	2020	4.1	-7.4	Improving	1 years	======	======	======	======	======
	Female	2016	4.4	2020	3.5	-5.2	Improving	Reached	Male	4.1	3.5	-13.4	Better

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

====== : Not applicable.

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

Appendix Table 5.1.2. Hospital admissions with central venous catheter-related bloodstream infection per 1,000 medical and surgical discharges of length 2 or more days, age 18 and over or obstetric admissions

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	0.1	2020	0.1	-8.9	Improving	======	======	======	======	======	======
Race	White	2016	0.1	2020	0.1	-6.6	Improving	======	======	======	======	======	======
	API	2016	0.1	2020	0.1	-13.8	Improving	======	White	0.1	0.1	-33.3	Same
	Black	2016	0.2	2020	0.1	-10.0	Improving	======			0.1	33.3	Same
Ethnicity	Non-Hispanic, White	2016	0.1	2020	0.1	-6.6	Improving	======	======	======	======	======	======
	Hispanic, all races	2016	0.1	2020	0.1	-8.5	Improving	======	Non-Hispanic, White	0.1	0.1	-11.1	Same
	Non-Hispanic, API	2016	0.1	2020	0.1	-13.8	Improving	======			0.1	-33.3	Same
	Non-Hispanic, Black	2016	0.2	2020	0.1	-10.0	Improving	======			0.1	33.3	Same
Income	Fourth quartile (highest income)	2016	0.1	2020	0.1	-8.2	Improving	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	First quartile (lowest income)	2016	0.1	2020	0.1	-8.5	Improving	======	Fourth quartile (highest income)	0.1	0.1	12.5	Same
	Second quartile	2016	0.1	2020	0.1	-10.0	Improving	======			0.1	12.5	Same
	Third quartile	2016	0.1	2020	0.1	-8.6	Improving	======			0.1	12.5	Same
Health insurance	Private insurance	2016	0.1	2020	0.1	-4.9	No change	======	======	======	======	======	======
	Medicare, under 65	2016	0.2	2020	0.1	-6.2	Improving	======	Private insurance	0.1	0.1	85.7	Worse
	Medicaid	2016	0.1	2020	0.1	-8.2	Improving	======			0.1	42.9	Same
	Other insurance	2016	0.1	2020	0.1	-7.8	No change	======			0.1	14.3	Same
	Uninsured/self pay/no charge	2016	0.1	2020	0.1	-13.3	Improving	======			0.1	-14.3	Same
Metropolitan status	Large fringe metro	2016	0.1	2020	0.1	-8.4	No change	======	======	======	======	======	======
	Large central metro	2016	0.1	2020	0.1	-8.9	Improving	======	Large fringe metro	0.1	0.1	-10.0	Same
	Medium metro	2016	0.1	2020	0.1	-11.1	Improving	======			0.1	-20.0	Same
	Small metro	2016	0.1	2020	0.1	-6.5	No change	======			0.1	0.0	Same
	Micropolitan	2016	0.1	2020	0.1	-2.1	No change	======			0.1	-10.0	Same
	Noncore	2016	0.1	2020	0.1	-3.5	Improving	======			0.1	-20.0	Same
Age	18-44	2016	0.2	2020	0.1	-8.4	Improving	======	======	======	======	======	======
	18-64	2016	0.2	2020	0.1	-7.6	Improving	======	18-44	0.1	0.1	0.0	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	65-69	2016	0.1	2020	0.1	-4.6	No change	======				0.1	-9.1	Same
	70-74	2016	0.1	2020	0.1	-7.9	No change	======				0.1	-18.2	Same
	45-64	2016	0.2	2020	0.1	-6.8	Improving	======				0.1	0.0	Same
	75-79	2016	0.1	2020	0.1	-9.2	Improving	======				0.1	-36.4	Same
	80-84	2016	0.1	2020	0.1	-12.5	Improving	======				0.1	-54.5	Better
	65 and over	2016	0.1	2020	0.1	-9.5	Improving	======				0.1	-36.4	Same
	85 and over	2016	0.1	2020	0.0	-15.4	Improving	======				0.0	-72.7	Better
Gender	Male	2016	0.2	2020	0.1	-9.5	Improving	======		======	======	======	======	======
	Female	2016	0.1	2020	0.1	-8.5	Improving	======		Male	0.1	0.1	-20.0	Same

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

====== : Not applicable.

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

Appendix Table 5.1.3. Hospital admissions with central venous catheter-related bloodstream infection per 1,000 medical and surgical discharges of length 2 or more days, age less than 18 years

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	0.5	2020	0.4	-3.7	Improving	======	======	======	======	======	======
Race	White	2016	0.4	2020	0.4	-2.6	Improving	======	======	======	======	======	======
	API	2016	0.5	2020	0.4	-12.2	Improving	======	White	0.4	0.4	-10.0	Same
	Black	2016	0.5	2020	0.5	-0.4	No change	======			0.5	22.5	Worse
Ethnicity	Non-Hispanic, White	2016	0.4	2020	0.4	-2.6	Improving	======	======	======	======	======	======
	Hispanic, all races	2016	0.6	2020	0.4	-7.9	Improving	======	Non-Hispanic, White	0.4	0.4	7.5	Same
	Non-Hispanic, API	2016	0.5	2020	0.4	-12.2	Improving	======			0.4	-10.0	Same
	Non-Hispanic, Black	2016	0.5	2020	0.5	-0.4	No change	======			0.5	22.5	Worse
Income	Fourth quartile (highest income)	2016	0.4	2020	0.4	-2.9	No change	======	======	======	======	======	======
	First quartile (lowest income)	2016	0.5	2020	0.5	-3.4	Improving	======	Fourth quartile (highest income)	0.4	0.5	31.4	Worse
	Second quartile	2016	0.5	2020	0.4	-5.1	Improving	======			0.4	20.0	Same
	Third quartile	2016	0.5	2020	0.4	-3.3	No change	======			0.4	25.7	Worse
Health insurance	Uninsured/self pay/no charge	2016	0.4	2016	0.4	------	------	======	------	------	------	------	------
	Private insurance	2016	0.4	2020	0.4	-2.9	No change	======	======	======	======	======	======
	Medicaid	2016	0.5	2020	0.5	-3.0	Improving	======	Private insurance	0.4	0.5	30.6	Worse

Measure Category: 5. Patient Safety, Subcategory: 1. Healthcare-Associated Infections

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Other insurance	2017	0.7	2020	0.5	-13.7	No change	======			0.5	27.8	Same
Metropolitan status	Large fringe metro	2016	0.4	2020	0.4	0.7	No change	======	======	======	======	======	======
	Large central metro	2016	0.5	2020	0.4	-4.2	Improving	======	Large fringe metro	0.4	0.4	0.0	Same
	Medium metro	2016	0.5	2020	0.4	-4.6	Improving	======			0.4	-4.5	Same
	Small metro	2016	0.5	2020	0.4	-8.3	Improving	======			0.4	-18.2	Same
	Micropolitan	2016	0.4	2020	0.5	-1.2	No change	======			0.5	4.5	Same
	Noncore	2016	0.5	2020	0.4	-6.6	No change	======			0.4	-15.9	Same
Age	0-4	2016	0.6	2020	0.5	-4.4	Improving	======	======	======	======	======	======
	5-9	2016	0.4	2020	0.4	-0.1	No change	======	0-4	0.5	0.4	-22.4	Better
	10-14	2016	0.4	2020	0.3	-6.9	No change	======			0.3	-40.8	Better
	15-17	2016	0.3	2020	0.3	-0.2	No change	======			0.3	-38.8	Better
Gender	Male	2016	0.5	2020	0.4	-5.6	Improving	======	======	======	======	======	======
	Female	2016	0.5	2020	0.4	-2.2	Improving	======	Male	0.4	0.4	4.9	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 5.1.4. Hospital admissions with pressure ulcers per 1,000 medical and surgical discharges of length 3 or more days, age18 and over

Source: HCUP

Benchmark: 0.3 in 2016

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	0.6	2020	0.5	-3.1	No change	No progress	======	======	======	======	======
Race	White	2016	0.6	2020	0.5	-3.6	No change	No progress	======	======	======	======	======
	API	2016	0.5	2020	0.4	-3.5	No change	No progress	White	0.5	0.4	-18.4	Better
	Black	2016	0.7	2020	0.7	-0.8	No change	No progress			0.7	42.9	Worse
Ethnicity	Non-Hispanic, White	2016	0.6	2020	0.5	-3.6	No change	No progress	======	======	======	======	======
	Hispanic, all races	2016	0.5	2020	0.5	-3.8	No change	No progress	Non-Hispanic, White	0.5	0.5	-4.1	Same
	Non-Hispanic, API	2016	0.5	2020	0.4	-3.5	No change	No progress			0.4	-18.4	Better
	Non-Hispanic, Black	2016	0.7	2020	0.7	-0.8	No change	No progress			0.7	42.9	Worse

Measure Category: 5. Patient Safety, Subcategory: 1. Healthcare-Associated Infections

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	Fourth quartile (highest income)	2016	0.5	2020	0.5	-3.9	No change	No progress	======	======	======	======	======
	First quartile (lowest income)	2016	0.6	2020	0.6	-1.6	No change	No progress	Fourth quartile (highest income)	0.5	0.6	35.6	Worse
	Second quartile	2016	0.6	2020	0.5	-4.6	No change	No progress			0.5	6.7	Same
	Third quartile	2016	0.6	2020	0.5	-3.1	No change	No progress			0.5	8.9	Same
Health insurance	Private insurance	2016	0.5	2020	0.5	-0.8	No change	No progress	======	======	======	======	======
	Medicare, under 65	2016	0.6	2020	0.5	-3.1	No change	No progress	Private insurance	0.5	0.5	10.4	Worse
	Medicaid	2016	0.7	2020	0.7	-2.5	No change	No progress			0.7	43.8	Worse
	Other insurance	2016	0.7	2020	0.7	0.5	No change	No progress			0.7	50.0	Worse
	Uninsured/self pay/no charge	2016	0.5	2020	0.4	-4.0	No change	No progress			0.4	-8.3	Same
Metropolitan status	Large fringe metro	2016	0.6	2020	0.5	-5.2	No change	No progress	======	======	======	======	======
	Large central metro	2016	0.6	2020	0.5	-5.8	No change	No progress	Large fringe metro	0.5	0.5	4.4	Same
	Medium metro	2016	0.7	2020	0.7	-0.1	No change	No progress			0.7	44.4	Worse

Measure Category: 5. Patient Safety, Subcategory: 1. Healthcare-Associated Infections

Measure Category: 5. Patient Safety, Subcategory: 1. Healthcare-Associated Infections

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	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	2016	0.6	2020	0.6	-1.4	No change	No progress			0.6	22.2	Worse
	Micropolitan	2016	0.5	2020	0.5	-0.5	No change	No progress			0.5	15.6	Worse
	Noncore	2016	0.5	2020	0.6	-0.1	No change	No progress			0.6	24.4	Worse
Age	18-44	2016	0.5	2020	0.5	0.0	No change	No progress	======	======	======	======	======
	65-69	2016	0.6	2020	0.5	-3.1	No change	No progress	18-44	0.5	0.5	8.0	Same
	18-64	2016	0.5	2020	0.5	-2.1	No change	No progress			0.5	2.0	Same
	70-74	2016	0.6	2020	0.6	-2.1	No change	No progress			0.6	10.0	Same
	45-64	2016	0.6	2020	0.5	-2.2	No change	No progress			0.5	4.0	Same
	75-79	2016	0.7	2020	0.6	-3.8	No change	No progress			0.6	12.0	Worse
	80-84	2016	0.7	2020	0.5	-8.1	No change	No progress			0.5	-6.0	Same
	65 and over	2016	0.6	2020	0.5	-4.3	No change	No progress			0.5	4.0	Same
	85 and over	2016	0.6	2020	0.5	-5.5	No change	No progress			0.5	-6.0	Same

Measure Category: 5. Patient Safety, Subcategory: 1. Healthcare-Associated Infections

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	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	2016	0.7	2020	0.6	-3.4	No change	No progress		======	======	======	======	======
	Female	2016	0.5	2020	0.4	-3.1	No change	No progress		Male	0.6	0.4	-28.3	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 5.1.5. Adult inpatients with one or more pressure ulcer adverse events during hospital stay

Source: QSRS

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	2020	3.4	2021	2.2	------	------	======		======	======	======	======	======
Race	White	2020	3.5	2021	2.2	------	------	======		======	======	======	======	======
	Black	2020	3.0	2021	2.0	------	------	======		White	2.2	2.0	-8.9	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Ethnicity	Non-Hispanic, White	2020	3.5	2021	2.2	------	------	======	======	======	======	======	======
	Hispanic, all races	2020	5.4	2021	3.0	------	------	======	Non-Hispanic, White	2.2	3.0	35.7	Same
	Non-Hispanic, Black	2020	3.0	2021	2.0	------	------	======			2.0	-8.9	Same
Age	Under 65	2020	2.6	2021	2.0	------	------	======	======	======	======	======	======
	65-74	2020	2.7	2021	2.1	------	------	======	Under 65	2.0	2.1	4.0	Same
	75-84	2020	3.8	2021	2.3	------	------	======			2.3	16.7	Same
	85 and over	2020	4.7	2021	2.5	------	------	======			2.5	26.3	Same
Gender	Male	2020	4.0	2021	2.5	------	------	======	======	======	======	======	======
	Female	2020	2.9	2021	2.0	------	------	======	Male	2.5	2.0	-20.9	Better

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

====== : Not applicable.

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

Measure Category: 5. Patient Safety, Subcategory: 2. Surgical Care

Appendix Table 5.2.1. Composite measure: Adult surgery patients with postoperative complications (postoperative pneumonia or venous thromboembolic events)

Source: QSRS

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	2020	1.5	2021	1.2	------	------	======	======	======	======	======	======
Race	White	2020	1.6	2021	1.2	------	------	======	======	======	======	======	======
Ethnicity	Non-Hispanic, White	2020	1.6	2021	1.2	------	------	======	======	======	======	======	======
Age	65-74	2021	1.2	2021	1.2	------	------	======	------	------	------	------	------
	75-84	2021	1.4	2021	1.4	------	------	======			------	------	------
Gender	Male	2021	1.4	2021	1.4	------	------	======	======	======	======	======	======
	Female	2021	1.1	2021	1.1	------	------	======	Male	1.4	1.1	-20.7	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 5.2.2. Adult surgery patients with postoperative pneumonia events

Source: QSRS

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	------	------	======	======	======	======	======	======
Race	White	2021	1.2	2021	1.2	------	------	======	======	======	======	======	======
Ethnicity	Non-Hispanic, White	2021	1.2	2021	1.2	------	------	======	======	======	======	======	======
Age	65-74	2021	1.3	2021	1.3	------	------	======	------	------	------	------	------
	75-84	2021	1.4	2021	1.4	------	------	======			------	------	------
Gender	Male	2021	1.2	2021	1.2	------	------	======	======	======	======	======	======
	Female	2021	1.3	2021	1.3	------	------	======	Male	1.2	1.3	4.1	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 5.2.3. Adult surgery patients with postoperative venous thromboembolic events

Source: QSRS

Measure Category: 5. Patient Safety, Subcategory: 2. Surgical Care

Benchmark: Not available

Data for Disparities are not available

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2021	0.4	2021	0.4	------	------	======	======	======	======	======	======
Race	White	2021	0.4	2021	0.4	------	------	======	======	======	======	======	======
Ethnicity	Non-Hispanic, White	2021	0.4	2021	0.4	------	------	======	======	======	======	======	======

------ : 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 5.2.4. Perioperative hemorrhage or hematoma with surgical drainage or evacuation per 1,000 surgical admissions, age 18 and over

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	2.3	2020	2.2	-1.4	No change	======		======	======	======	======	======
Race	White	2016	2.3	2020	2.2	-1.3	No change	======		======	======	======	======	======
	API	2016	2.8	2020	2.9	-0.2	No change	======		White	2.2	2.9	33.8	Worse
	Black	2016	2.5	2020	2.4	-0.8	No change	======				2.4	12.0	Worse
Ethnicity	Non-Hispanic, White	2016	2.3	2020	2.2	-1.3	No change	======		======	======	======	======	======
	Hispanic, all races	2016	2.1	2020	1.8	-3.7	No change	======		Non-Hispanic, White	2.2	1.8	-15.3	Better
	Non-Hispanic, API	2016	2.8	2020	2.9	-0.2	No change	======				2.9	33.8	Worse
	Non-Hispanic, Black	2016	2.5	2020	2.4	-0.8	No change	======				2.4	12.0	Worse
Income	Fourth quartile (highest income)	2016	2.3	2020	2.2	-1.0	No change	======		======	======	======	======	======
	First quartile (lowest income)	2016	2.4	2020	2.1	-2.5	No change	======		Fourth quartile (highest income)	2.2	2.1	-3.2	Same
	Second quartile	2016	2.3	2020	2.2	-0.9	No change	======				2.2	-0.9	Same
	Third quartile	2016	2.3	2020	2.2	-1.1	No change	======				2.2	-1.8	Same
Health insurance	Private insurance	2016	2.2	2020	2.1	-0.6	No change	======		======	======	======	======	======
	Medicare, under 65	2016	2.4	2020	2.4	-0.2	No change	======		Private insurance	2.1	2.4	12.7	Worse
	Medicaid	2016	2.5	2020	2.3	-1.5	No change	======				2.3	9.0	Same

Measure Category: 5. Patient Safety, Subcategory: 2. Surgical Care

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Other insurance	2016	2.1	2020	2.2	1.2	Worsening	======				2.2	2.8	Same
	Uninsured/self pay/no charge	2016	1.7	2020	1.6	-2.8	No change	======				1.6	-25.5	Better
Metropolitan status	Large fringe metro	2016	2.2	2020	2.2	-1.1	No change	======		======	======	======	======	======
	Large central metro	2016	2.2	2020	2.0	-1.6	No change	======		Large fringe metro	2.2	2.0	-6.5	Same
	Medium metro	2016	2.5	2020	2.2	-2.0	No change	======				2.2	3.2	Same
	Small metro	2016	2.5	2020	2.4	-1.2	No change	======				2.4	9.3	Same
	Micropolitan	2016	2.4	2020	2.3	-1.3	No change	======				2.3	6.0	Same
	Noncore	2016	2.4	2020	2.3	-0.9	No change	======				2.3	5.1	Same
Age	18-44	2016	2.0	2020	1.9	-0.5	No change	======		======	======	======	======	======
	18-64	2016	2.2	2020	2.2	-0.5	No change	======		18-44	1.9	2.2	11.9	Worse
	65-69	2016	2.5	2020	2.2	-2.3	Improving	======				2.2	15.0	Worse
	70-74	2016	2.4	2020	2.2	-2.0	No change	======				2.2	13.0	Worse
	75-79	2016	2.5	2020	2.3	-2.6	No change	======				2.3	20.7	Worse
	45-64	2016	2.3	2020	2.3	-0.5	No change	======				2.3	17.1	Worse
	80-84	2016	2.5	2020	2.2	-3.2	No change	======				2.2	15.5	Worse
	65 and over	2016	2.4	2020	2.2	-2.6	No change	======				2.2	13.5	Worse
	85 and over	2016	2.1	2020	1.9	-3.8	No change	======				1.9	-3.6	Same
Gender	Male	2016	2.5	2020	2.3	-1.7	No change	======		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Female	2016	2.2	2020	2.0	-1.0	No change	======	Male	2.3	2.0	-11.3	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 a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 5.2.5. Postoperative pulmonary embolism or deep vein thrombosis per 1,000 surgical admissions, age 18 and over

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	3.8	2020	3.0	-5.2	Improving	======	======	======	======	======	======
Race	White	2016	3.7	2020	2.9	-5.6	Improving	======	======	======	======	======	======
	API	2016	2.7	2020	2.4	-2.9	No change	======	White	2.9	2.4	-16.7	Better
	Black	2016	4.9	2020	4.1	-4.5	Improving	======			4.1	42.9	Worse
Ethnicity	Non-Hispanic, White	2016	3.7	2020	2.9	-5.6	Improving	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Hispanic, all races	2016	3.7	2020	3.1	-4.3	Improving	======	Non-Hispanic, White	2.9	3.1	6.3	Same
	Non-Hispanic, API	2016	2.7	2020	2.4	-2.9	No change	======			2.4	-16.7	Better
	Non-Hispanic, Black	2016	4.9	2020	4.1	-4.5	Improving	======			4.1	42.9	Worse
Income	Fourth quartile (highest income)	2016	3.9	2020	3.1	-5.5	Improving	======	======	======	======	======	======
	First quartile (lowest income)	2016	3.9	2020	3.1	-5.3	Improving	======	Fourth quartile (highest income)	3.1	3.1	0.7	Same
	Second quartile	2016	3.7	2020	2.9	-5.3	Improving	======			2.9	-4.2	Same
	Third quartile	2016	3.8	2020	3.1	-4.5	Improving	======			3.1	0.3	Same
Health insurance	Private insurance	2016	3.7	2020	3.0	-4.9	Improving	======	======	======	======	======	======
	Medicare, under 65	2016	3.5	2020	2.9	-4.8	Improving	======	Private insurance	3.0	2.9	-1.7	Same
	Medicaid	2016	3.9	2020	3.4	-3.4	Improving	======			3.4	14.1	Worse
	Other insurance	2016	4.0	2020	3.3	-4.4	Improving	======			3.3	9.4	Same
	Uninsured/self pay/no charge	2016	3.6	2020	2.8	-5.8	Improving	======			2.8	-6.4	Same
Metropolitan status	Large fringe metro	2016	4.0	2020	3.2	-5.4	Improving	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Large central metro	2016	4.1	2020	3.3	-5.2	Improving	======	Large fringe metro	3.2	3.3	3.5	Same
	Medium metro	2016	3.6	2020	2.9	-5.0	Improving	======			2.9	-9.1	Same
	Small metro	2016	3.5	2020	2.8	-5.1	Improving	======			2.8	-12.3	Better
	Micropolitan	2016	3.4	2020	2.8	-3.8	Improving	======			2.8	-10.7	Better
	Noncore	2016	3.5	2020	2.7	-6.6	Improving	======			2.7	-16.0	Better
Age	18-44	2016	3.0	2020	2.6	-2.5	Improving	======	======	======	======	======	======
	65-69	2016	3.9	2020	3.1	-5.5	Improving	======	18-44	2.6	3.1	17.8	Worse
	18-64	2016	3.4	2020	2.8	-4.2	Improving	======			2.8	7.2	Same
	70-74	2016	4.3	2020	3.3	-6.1	Improving	======			3.3	24.6	Worse
	45-64	2016	3.5	2020	2.9	-4.7	Improving	======			2.9	10.2	Worse
	75-79	2016	4.3	2020	3.4	-5.9	Improving	======			3.4	28.4	Worse
	80-84	2016	4.5	2020	3.3	-6.3	Improving	======			3.3	26.5	Worse
	65 and over	2016	4.2	2020	3.2	-5.9	Improving	======			3.2	22.7	Worse
	85 and over	2016	4.1	2020	3.1	-6.5	Improving	======			3.1	16.7	Worse
Gender	Male	2016	3.9	2020	3.2	-5.0	Improving	======	======	======	======	======	======
	Female	2016	3.6	2020	2.9	-5.4	Improving	======	Male	3.2	2.9	-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 a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 5.2.6. Postoperative respiratory failure, prolonged mechanical ventilation, or reintubation per 1,000 elective-surgery admissions, age 18 and over

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	10.7	2020	5.8	-14.2	Improving	======	======	======	======	======	======
Race	White	2016	10.7	2020	5.7	-14.6	Improving	======	======	======	======	======	======
	API	2016	10.2	2020	6.4	-11.6	Improving	======	White	5.7	6.4	12.3	Worse
	Black	2016	10.7	2020	6.0	-13.6	Improving	======			6.0	5.6	Same
Ethnicity	Non-Hispanic, White	2016	10.7	2020	5.7	-14.6	Improving	======	======	======	======	======	======
	Hispanic, all races	2016	10.9	2020	6.3	-12.6	Improving	======	Non-Hispanic, White	5.7	6.3	10.0	Same
	Non-Hispanic, API	2016	10.2	2020	6.4	-11.6	Improving	======			6.4	12.3	Worse
	Non-Hispanic, Black	2016	10.7	2020	6.0	-13.6	Improving	======			6.0	5.6	Same
Income	Fourth quartile (highest income)	2016	9.3	2020	5.3	-12.8	Improving	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	First quartile (lowest income)	2016	11.8	2020	6.2	-14.6	Improving	======	Fourth quartile (highest income)	5.3	6.2	17.5	Worse
	Second quartile	2016	11.2	2020	5.9	-14.7	Improving	======			5.9	11.7	Worse
	Third quartile	2016	10.4	2020	5.7	-14.2	Improving	======			5.7	7.0	Same
Health insurance	Private insurance	2016	9.4	2020	5.4	-13.1	Improving	======	======	======	======	======	======
	Medicare, under 65	2016	12.6	2020	6.6	-14.7	Improving	======	Private insurance	5.4	6.6	22.2	Worse
	Medicaid	2016	12.2	2020	7.0	-13.4	Improving	======			7.0	28.7	Worse
	Other insurance	2016	10.2	2020	5.8	-13.4	Improving	======			5.8	7.2	Same
	Uninsured/self pay/no charge	2016	9.4	2020	6.2	-10.8	Improving	======			6.2	15.4	Worse
Metropolitan status	Large fringe metro	2016	10.2	2020	5.8	-12.9	Improving	======	======	======	======	======	======
	Large central metro	2016	11.1	2020	6.0	-14.5	Improving	======	Large fringe metro	5.8	6.0	1.9	Same
	Medium metro	2016	10.4	2020	5.7	-13.9	Improving	======			5.7	-1.7	Same
	Small metro	2016	10.8	2020	5.6	-14.8	Improving	======			5.6	-4.5	Same
	Micropolitan	2016	11.2	2020	5.8	-15.1	Improving	======			5.8	0.0	Same
	Noncore	2016	11.5	2020	5.8	-15.9	Improving	======			5.8	-0.7	Same
Age	18-44	2016	7.0	2020	4.3	-12.1	Improving	======	======	======	======	======	======
	65-69	2016	11.1	2020	6.0	-14.3	Improving	======	18-44	4.3	6.0	38.7	Worse

Measure Category: 5. Patient Safety, Subcategory: 2. Surgical Care

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	18-64	2016	9.2	2020	5.2	-13.3	Improving	======				5.2	20.0	Worse
	70-74	2016	12.2	2020	6.0	-15.8	Improving	======				6.0	38.2	Worse
	75-79	2016	12.6	2020	6.6	-14.7	Improving	======				6.6	52.3	Worse
	45-64	2016	9.7	2020	5.4	-13.5	Improving	======				5.4	24.9	Worse
	80-84	2016	12.7	2020	6.8	-14.4	Improving	======				6.8	57.4	Worse
	65 and over	2016	12.1	2020	6.3	-15.1	Improving	======				6.3	44.5	Worse
	85 and over	2016	14.0	2020	6.5	-17.3	Improving	======				6.5	49.8	Worse
Gender	Male	2016	10.8	2020	5.9	-14.0	Improving	======		======	======	======	======	======
	Female	2016	10.7	2020	5.7	-14.4	Improving	======		Male	5.9	5.7	-4.4	Same

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

====== : Not applicable.

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

Appendix Table 5.2.7. Postoperative acute kidney injury requiring dialysis per 1,000 elective-surgery admissions, age 18 and over

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	1.2	2020	0.9	-7.1	Improving	======	======	======	======	======	======
Race	White	2016	1.2	2020	0.8	-7.1	Improving	======	======	======	======	======	======
	API	2016	1.2	2020	0.8	-10.0	Improving	======	White	0.8	0.8	-9.5	Same
	Black	2016	1.4	2020	1.0	-6.4	Improving	======			1.0	23.8	Worse
Ethnicity	Non-Hispanic, White	2016	1.2	2020	0.8	-7.1	Improving	======	======	======	======	======	======
	Hispanic, all races	2016	1.4	2020	1.0	-8.0	No change	======	Non-Hispanic, White	0.8	1.0	13.1	Same
	Non-Hispanic, API	2016	1.2	2020	0.8	-10.0	Improving	======			0.8	-9.5	Same
	Non-Hispanic, Black	2016	1.4	2020	1.0	-6.4	Improving	======			1.0	23.8	Worse
Income	Fourth quartile (highest income)	2016	1.1	2020	0.8	-5.8	Improving	======	======	======	======	======	======
	First quartile (lowest income)	2016	1.3	2020	1.0	-6.6	Improving	======	Fourth quartile (highest income)	0.8	1.0	19.5	Worse
	Second quartile	2016	1.2	2020	0.9	-7.8	Improving	======			0.9	6.1	Same
	Third quartile	2016	1.1	2020	0.8	-7.9	Improving	======			0.8	-3.7	Same
Health insurance	Private insurance	2016	1.2	2020	0.8	-7.4	Improving	======	======	======	======	======	======
	Medicare, under 65	2016	1.3	2020	1.2	-2.1	No change	======	Private insurance	0.8	1.2	41.5	Worse
	Medicaid	2016	1.4	2020	1.0	-6.7	No change	======			1.0	25.6	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Other insurance	2016	1.4	2020	0.8	-12.6	Improving	======			0.8	-8.5	Same
	Uninsured/self pay/no charge	2016	0.7	2020	0.6	-1.7	No change	======			0.6	-24.4	Same
Metropolitan status	Large fringe metro	2016	1.2	2020	0.8	-7.0	Improving	======	======	======	======	======	======
	Large central metro	2016	1.1	2020	0.8	-6.9	Improving	======	Large fringe metro	0.8	0.8	-1.2	Same
	Medium metro	2016	1.2	2020	0.9	-7.3	Improving	======			0.9	7.1	Same
	Small metro	2016	1.3	2020	0.9	-6.4	Improving	======			0.9	10.7	Same
	Micropolitan	2016	1.3	2020	0.9	-8.8	Improving	======			0.9	2.4	Same
	Noncore	2016	1.3	2020	0.9	-6.8	Improving	======			0.9	11.9	Same
Age	18-44	2016	0.6	2020	0.5	-5.3	No change	======	======	======	======	======	======
	65-69	2016	1.3	2020	0.9	-8.2	Improving	======	18-44	0.5	0.9	81.6	Worse
	18-64	2016	1.0	2020	0.8	-5.5	Improving	======			0.8	57.1	Worse
	70-74	2016	1.4	2020	1.0	-6.7	Improving	======			1.0	102.0	Worse
	75-79	2016	1.5	2020	1.1	-9.0	Improving	======			1.1	116.3	Worse
	45-64	2016	1.1	2020	0.8	-5.6	No change	======			0.8	71.4	Worse
	80-84	2016	1.3	2020	0.9	-7.8	Improving	======			0.9	83.7	Worse
	65 and over	2016	1.3	2020	0.9	-8.2	Improving	======			0.9	89.8	Worse
	85 and over	2016	1.0	2020	0.5	-13.5	Improving	======			0.5	8.2	Same
Gender	Male	2016	1.3	2020	0.9	-8.6	Improving	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Female	2016	1.1	2020	0.9	-4.7	Improving	======	Male	0.9	0.9	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 a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 5.2.8. Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling, age 18 and over

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	0.1	2020	0.1	0.0	No change	======	======	======	======	======	======
Race	White	2016	0.1	2020	0.1	-1.2	No change	======	======	======	======	======	======
	API	2016	0.1	2020	0.1	-2.2	No change	======	White	0.1	0.1	-44.4	Same
	Black	2016	0.1	2020	0.1	-3.6	No change	======			0.1	-44.4	Same
Ethnicity	Non-Hispanic, White	2016	0.1	2020	0.1	-1.2	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Hispanic, all races	2016	0.1	2020	0.1	-5.3	Improving	======		Non-Hispanic, White	0.1	0.1	-44.4	Same
	Non-Hispanic, API	2016	0.1	2020	0.1	-2.2	No change	======				0.1	-44.4	Same
	Non-Hispanic, Black	2016	0.1	2020	0.1	-3.6	No change	======				0.1	-44.4	Same
Income	Fourth quartile (highest income)	2016	0.1	2020	0.1	-7.9	Improving	======		======	======	======	======	======
	First quartile (lowest income)	2016	0.1	2020	0.1	2.1	No change	======		Fourth quartile (highest income)	0.1	0.1	100.0	Same
	Second quartile	2016	0.1	2020	0.1	-4.4	No change	======				0.1	60.0	Same
	Third quartile	2016	0.1	2020	0.1	-2.6	No change	======				0.1	40.0	Same
Health insurance	Private insurance	2016	0.1	2020	0.1	-3.6	No change	======		======	======	======	======	======
	Medicare, under 65	2016	0.1	2020	0.1	-6.8	No change	======		Private insurance	0.1	0.1	60.0	Worse
	Medicaid	2016	0.1	2020	0.1	1.1	No change	======				0.1	60.0	Worse
	Other insurance	2016	0.1	2020	0.1	4.6	No change	======				0.1	100.0	Worse
	Uninsured/self pay/no charge	2016	0.1	2020	0.1	1.0	No change	======				0.1	80.0	Worse
Metropolitan status	Large fringe metro	2016	0.1	2020	0.1	-1.3	No change	======		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Large central metro	2016	0.1	2020	0.1	-3.0	No change	======		Large fringe metro	0.1	0.1	-14.3	Same
	Medium metro	2016	0.1	2020	0.1	-3.5	Improving	======				0.1	14.3	Same
	Small metro	2016	0.1	2020	0.1	0.0	No change	======				0.1	42.9	Same
	Micropolitan	2016	0.1	2020	0.1	-1.9	No change	======				0.1	42.9	Same
	Noncore	2016	0.1	2020	0.1	2.6	Worsening	======				0.1	71.4	Worse
Age	18-44	2016	0.0	2020	0.0	0.0	No change	======		======	======	======	======	======
	65-69	2016	0.1	2020	0.1	5.2	No change	======		18-44	0.0	0.1	350.0	Worse
	18-64	2016	0.1	2020	0.0	-4.4	No change	======				0.0	100.0	Same
	70-74	2016	0.1	2020	0.1	-1.2	No change	======				0.1	300.0	Worse
	75-79	2016	0.1	2020	0.1	-0.9	No change	======				0.1	400.0	Worse
	45-64	2016	0.1	2020	0.1	-3.6	No change	======				0.1	150.0	Same
	80-84	2016	0.1	2020	0.1	-1.6	No change	======				0.1	500.0	Worse
	65 and over	2016	0.1	2020	0.1	-2.9	No change	======				0.1	400.0	Worse
	85 and over	2016	0.1	2020	0.1	-4.6	Improving	======				0.1	500.0	Worse
Gender	Male	2016	0.1	2020	0.1	-1.5	No change	======		======	======	======	======	======
	Female	2016	0.1	2020	0.1	-2.1	No change	======		Male	0.1	0.1	28.6	Same

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

====== : Not applicable.

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

Appendix Table 5.2.9. Reclosure of postoperative abdominal wound dehiscence per 1,000 abdominopelvic-surgery admissions of length 2 or more days, age 18 and over

Source: HCUP

Benchmark: 1.1 in 2016

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	1.7	2020	1.5	-1.3	No change	No progress	======	======	======	======	======
Race	White	2016	1.7	2020	1.5	-1.4	No change	No progress	======	======	======	======	======
	API	2016	1.4	2020	1.1	-7.4	No change	No progress	White	1.5	1.1	-28.9	Same
	Black	2016	1.5	2020	1.4	-1.7	No change	No progress			1.4	-7.2	Same
Ethnicity	Non-Hispanic, White	2016	1.7	2020	1.5	-1.4	No change	No progress	======	======	======	======	======
	Hispanic, all races	2016	1.8	2020	1.8	1.5	No change	No progress	Non-Hispanic, White	1.5	1.8	17.8	Worse
	Non-Hispanic, API	2016	1.4	2020	1.1	-7.4	No change	No progress			1.1	-28.9	Same
	Non-Hispanic, Black	2016	1.5	2020	1.4	-1.7	No change	No progress			1.4	-7.2	Same
Income	Fourth quartile (highest income)	2016	1.3	2020	1.3	1.4	No change	No progress	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	First quartile (lowest income)	2016	1.9	2020	1.6	-2.2	No change	No progress	Fourth quartile (highest income)	1.3	1.6	25.8	Worse
	Second quartile	2016	1.8	2020	1.5	-2.0	No change	No progress			1.5	18.8	Worse
	Third quartile	2016	1.7	2020	1.6	-0.7	No change	No progress			1.6	25.8	Worse
Health insurance	Private insurance	2016	1.5	2020	1.3	-1.6	No change	No progress	======	======	======	======	======
	Medicare, under 65	2016	2.1	2020	1.8	-1.1	No change	No progress	Private insurance	1.3	1.8	44.1	Worse
	Medicaid	2016	2.1	2020	2.0	-1.6	No change	No progress			2.0	54.3	Worse
	Other insurance	2016	1.3	2020	2.0	8.7	No change	No progress			2.0	58.3	Worse
	Uninsured/self pay/no charge	2016	1.4	2020	1.4	1.4	No change	No progress			1.4	11.0	Same
Metropolitan status	Large fringe metro	2016	1.5	2020	1.4	0.5	No change	No progress	======	======	======	======	======
	Large central metro	2016	1.6	2020	1.5	-0.6	No change	No progress	Large fringe metro	1.4	1.5	3.5	Same
	Medium metro	2016	1.9	2020	1.6	-2.9	No change	No progress			1.6	11.3	Same
	Small metro	2016	1.9	2020	1.7	-2.1	No change	No progress			1.7	22.0	Worse
	Micropolitan	2016	1.8	2020	1.5	-2.3	No change	No progress			1.5	8.5	Same
	Noncore	2016	1.8	2020	1.7	-0.9	No change	No progress			1.7	20.6	Worse
Age	18-44	2016	1.1	2020	1.2	3.8	Worsening	No progress	======	======	======	======	======
	65-69	2016	1.8	2020	1.7	-0.3	No change	No progress	18-44	1.2	1.7	40.8	Worse

Measure Category: 5. Patient Safety, Subcategory: 2. Surgical Care

Measure Category: 5. Patient Safety, Subcategory: 2. Surgical Care

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	18-64	2016	1.6	2020	1.5	-0.5	No change	No progress				1.5	25.0	Worse
	70-74	2016	1.9	2020	1.6	-3.2	No change	No progress				1.6	35.8	Worse
	75-79	2016	1.8	2020	1.4	-4.4	No change	No progress				1.4	13.3	Same
	45-64	2016	1.9	2020	1.6	-1.5	No change	No progress				1.6	36.7	Worse
	65 and over	2016	1.8	2020	1.6	-1.7	No change	No progress				1.6	29.2	Worse
	80-84	2016	1.6	2020	1.6	0.4	No change	No progress				1.6	29.2	Worse
	85 and over	2016	1.3	2020	1.3	-0.6	No change	No progress				1.3	9.2	Same
Gender	Male	2016	2.2	2020	2.0	-1.1	No change	No progress		======	======	======	======	======
	Female	2016	1.2	2020	1.0	-1.6	No change	No progress		Male	2.0	1.0	-48.8	Better

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

====== : Not applicable.

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

Appendix Table 5.2.10. Adult inpatient sustained one or more adverse outcomes from one or more operating room procedures or instance of anesthesia during stay

Source: QSRS

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	2020	1.2	2021	0.9	------	------	======	======	======	======	======	======
Race	White	2020	1.1	2021	1.0	------	------	======	======	======	======	======	======
Ethnicity	Non-Hispanic, White	2020	1.1	2021	1.0	------	------	======	======	======	======	======	======
Age	65-74	2021	0.8	2021	0.8	------	------	======	------	------	------	------	------
	75-84	2020	2.0	2021	1.3	------	------	======			------	------	------
Gender	Male	2020	1.5	2021	0.9	------	------	======	======	======	======	======	======
	Female	2021	1.0	2021	1.0	------	------	======	Male	0.9	1.0	3.2	Same

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

====== : Not applicable.

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

Appendix Table 5.2.11. Home health care patients whose surgical wound improved

Source: OASIS

Benchmark: 93.1 in 2015

Data year for disparities analysis: 2021

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	89.3	2021	92.6	-5.1	Improving	1 years		======	======	======	======	======
Race	White	2013	89.6	2021	93.2	-5.7	Improving	Reached		======	======	======	======	======
	AI/AN	2013	87.2	2021	89.8	-1.9	No change	No progress		White	93.2	89.8	50.0	Worse
	Asian	2013	88.7	2021	90.4	-2.2	Improving	12 years				90.4	41.2	Worse
	NHPI	2013	88.5	2021	88.5	-1.7	No change	No progress				88.5	69.1	Worse
	Black	2013	88.3	2021	91.2	-4.1	Improving	4 years				91.2	29.4	Worse
	Multiple races	2013	84.7	2021	87.0	-2.7	Improving	16 years				87.0	91.2	Worse
Ethnicity	Non-Hispanic, White	2013	89.6	2021	93.2	-5.7	Improving	Reached		======	======	======	======	======
	Hispanic, all races	2013	87.6	2021	89.4	-2.8	Improving	12 years		Non-Hispanic, White	93.2	89.4	55.9	Worse
	Non-Hispanic, AI/AN	2013	87.2	2021	89.8	-1.9	No change	No progress				89.8	50.0	Worse
	Non-Hispanic, Asian	2013	88.7	2021	90.4	-2.2	Improving	12 years				90.4	41.2	Worse
	Non-Hispanic, NHPI	2013	88.5	2021	88.5	-1.7	No change	No progress				88.5	69.1	Worse
	Non-Hispanic, Black	2013	88.3	2021	91.2	-4.1	Improving	4 years				91.2	29.4	Worse
	Non-Hispanic, multiple races	2013	84.7	2021	87.0	-2.7	Improving	16 years				87.0	91.2	Worse
Age	0-64	2013	86.1	2021	89.5	-4.1	Improving	7 years		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	65-74	2013	89.4	2021	92.9	-5.5	Improving	0 years		0-64	89.5	92.9	-32.4	Better
	75-84	2013	90.6	2021	93.9	-5.7	Improving	Reached				93.9	-41.9	Better
	85 and over	2013	91.8	2021	94.2	-4.5	Improving	Reached				94.2	-44.8	Better
Gender	Male	2013	88.5	2021	91.8	-4.8	Improving	3 years		======	======	======	======	======
	Female	2013	89.9	2021	93.2	-5.3	Improving	Reached		Male	91.8	93.2	-17.1	Better

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

====== : Not applicable.

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

Measure Category: 5. Patient Safety, Subcategory: 3. Other Complications of Hospital Care

Appendix Table 5.3.1. Composite measure: Bloodstream infections or mechanical adverse events in adult patients receiving central venous catheter placement

Source: QSRS

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	2020	1.9	2021	1.4	------	------	======	======	======	======	======	======
Race	White	2020	2.0	2021	0.9	------	------	======	======	======	======	======	======
	Black	2021	3.4	2021	3.4	------	------	======	White	0.9	3.4	275.6	Worse
Ethnicity	Non-Hispanic, White	2020	2.0	2021	0.9	------	------	======	======	======	======	======	======
	Non-Hispanic, Black	2021	3.4	2021	3.4	------	------	======	Non-Hispanic, White	0.9	3.4	275.6	Worse
Age	65-74	2021	2.2	2021	2.2	------	------	======	------	------	------	------	------
Gender	Male	2021	1.1	2021	1.1	------	------	======	======	======	======	======	======
	Female	2020	2.8	2021	1.7	------	------	======	Male	1.1	1.7	55.9	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 5.3.2. Bloodstream infection in adult patients receiving central venous catheter placement

Source: QSRS

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	2020	1.6	2021	1.6	------	------	======	======	======	======	======	======
Race	White	2021	1.1	2021	1.1	------	------	======	======	======	======	======	======
	Black	2021	3.1	2021	3.1	------	------	======	White	1.1	3.1	172.8	Worse
Ethnicity	Non-Hispanic, White	2021	1.1	2021	1.1	------	------	======	======	======	======	======	======
	Non-Hispanic, Black	2021	3.1	2021	3.1	------	------	======	Non-Hispanic, White	1.1	3.1	172.8	Worse
Age	65-74	2021	2.3	2021	2.3	------	------	======	------	------	------	------	------
Gender	Male	2021	1.3	2021	1.3	------	------	======	======	======	======	======	======
	Female	2021	1.8	2021	1.8	------	------	======	Male	1.3	1.8	39.2	Same

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

====== : Not applicable.

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

Appendix Table 5.3.3. Accidental puncture or laceration during a procedure per 1,000 medical and surgical admissions, age 18 and over

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	1.0	2020	0.9	-1.2	No change	======	======	======	======	======	======
Race	White	2016	0.9	2020	0.9	-1.3	No change	======	======	======	======	======	======
	API	2016	1.3	2020	1.0	-7.0	No change	======	White	0.9	1.0	10.0	Same
	Black	2016	1.0	2020	1.1	2.3	No change	======			1.1	25.6	Worse
Ethnicity	Non-Hispanic, White	2016	0.9	2020	0.9	-1.3	No change	======	======	======	======	======	======
	Hispanic, all races	2016	1.1	2020	1.0	-3.6	No change	======	Non-Hispanic, White	0.9	1.0	8.9	Same
	Non-Hispanic, API	2016	1.3	2020	1.0	-7.0	No change	======			1.0	10.0	Same
	Non-Hispanic, Black	2016	1.0	2020	1.1	2.3	No change	======			1.1	25.6	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	Fourth quartile (highest income)	2016	0.9	2020	0.9	-0.4	No change	======	======	======	======	======	======
	First quartile (lowest income)	2016	1.0	2020	0.9	-3.1	No change	======	Fourth quartile (highest income)	0.9	0.9	-3.2	Same
	Second quartile	2016	0.9	2020	1.0	-0.7	No change	======			1.0	1.1	Same
	Third quartile	2016	1.0	2020	1.0	0.4	No change	======			1.0	4.3	Same
Health insurance	Private insurance	2016	0.9	2020	0.9	0.6	No change	======	======	======	======	======	======
	Medicare, under 65	2016	1.1	2020	1.0	-2.5	No change	======	Private insurance	0.9	1.0	6.7	Same
	Medicaid	2016	1.0	2020	1.0	-2.1	No change	======			1.0	12.4	Worse
	Other insurance	2016	1.0	2020	0.9	-3.7	No change	======			0.9	2.2	Same
	Uninsured/self pay/no charge	2016	0.9	2020	0.8	-3.8	No change	======			0.8	-15.7	Same
Metropolitan status	Large fringe metro	2016	0.9	2020	1.0	0.6	No change	======	======	======	======	======	======
	Large central metro	2016	0.9	2020	0.9	-1.7	No change	======	Large fringe metro	1.0	0.9	-10.0	Same
	Medium metro	2016	1.0	2020	0.9	-1.4	No change	======			0.9	-6.0	Same

Measure Category: 5. Patient Safety, Subcategory: 3. Other Complications of Hospital Care

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Small metro	2016	1.0	2020	1.0	-0.6	No change	======			1.0	1.0	Same
	Micropolitan	2016	1.0	2020	1.0	-1.7	No change	======			1.0	-5.0	Same
	Noncore	2016	0.9	2020	0.9	-2.6	No change	======			0.9	-14.0	Better
Age	18-44	2016	0.8	2020	0.8	-0.1	No change	======	======	======	======	======	======
	65-69	2016	1.0	2020	1.0	-2.2	No change	======	18-44	0.8	1.0	21.5	Worse
	18-64	2016	0.9	2020	0.9	-1.0	No change	======			0.9	8.9	Same
	70-74	2016	1.1	2020	1.0	-2.0	No change	======			1.0	21.5	Worse
	75-79	2016	1.1	2020	1.1	-1.4	No change	======			1.1	38.0	Worse
	45-64	2016	0.9	2020	0.9	-1.4	No change	======			0.9	12.7	Worse
	65 and over	2016	1.0	2020	1.0	-1.3	No change	======			1.0	31.6	Worse
	80-84	2016	1.1	2020	1.1	-0.4	No change	======			1.1	44.3	Worse
	85 and over	2016	1.0	2020	1.1	1.4	No change	======			1.1	44.3	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Gender	Male	2016	0.9	2020	0.9	-0.8	No change	======		======	======	======	======	======
	Female	2016	1.0	2020	1.0	-1.2	No change	======		Male	0.9	1.0	16.1	Worse

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

====== : Not applicable.

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

Appendix Table 5.3.4. Accidental puncture or laceration during a procedure per 1,000 medical and surgical admissions, age less than 18 years

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	0.3	2020	0.3	0.3	No change	======		======	======	======	======	======
Race	White	2016	0.3	2020	0.3	-1.3	No change	======		======	======	======	======	======
	API	2016	0.3	2020	0.3	-1.0	No change	======		White	0.3	0.3	3.3	Same
	Black	2016	0.3	2020	0.4	5.6	No change	======				0.4	33.3	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Ethnicity	Non-Hispanic, White	2016	0.3	2020	0.3	-1.3	No change	======	======	======	======	======	======
	Hispanic, all races	2016	0.4	2020	0.4	-1.6	No change	======	Non-Hispanic, White	0.3	0.4	16.7	Same
	Non-Hispanic, API	2016	0.3	2020	0.3	-1.0	No change	======			0.3	3.3	Same
	Non-Hispanic, Black	2016	0.3	2020	0.4	5.6	No change	======			0.4	33.3	Worse
Income	Fourth quartile (highest income)	2016	0.3	2020	0.3	2.0	No change	======	======	======	======	======	======
	First quartile (lowest income)	2016	0.3	2020	0.3	1.6	No change	======	Fourth quartile (highest income)	0.3	0.3	9.7	Same
	Second quartile	2016	0.3	2020	0.3	-0.9	No change	======			0.3	6.5	Same
	Third quartile	2016	0.4	2020	0.3	-3.4	No change	======			0.3	3.2	Same
Health insurance	Private insurance	2016	0.3	2020	0.3	1.0	Worsening	======	======	======	======	======	======
	Medicaid	2016	0.3	2020	0.4	0.2	No change	======	Private insurance	0.3	0.4	16.7	Same
	Other insurance	2016	0.4	2020	0.4	-7.6	No change	======			0.4	23.3	Same
	Uninsured/self pay/no charge	2016	0.3	2020	0.3	-0.8	No change	======			0.3	13.3	Same
Metropolitan status	Large fringe metro	2016	0.3	2020	0.3	-1.7	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Large central metro	2016	0.3	2020	0.3	0.1	No change	======		Large fringe metro	0.3	0.3	6.9	Same
	Medium metro	2016	0.4	2020	0.3	-2.3	No change	======				0.3	13.8	Same
	Small metro	2016	0.4	2020	0.4	-0.6	No change	======				0.4	31.0	Worse
	Micropolitan	2016	0.3	2020	0.4	4.1	No change	======				0.4	31.0	Worse
	Noncore	2016	0.3	2020	0.4	8.6	Worsening	======				0.4	44.8	Worse
Age	0-4	2016	0.3	2020	0.4	1.4	No change	======		======	======	======	======	======
	5-9	2016	0.3	2020	0.3	-7.5	Improving	======		0-4	0.4	0.3	-27.8	Better
	10-14	2016	0.3	2020	0.3	2.7	No change	======				0.3	-13.9	Same
	15-17	2016	0.3	2020	0.3	-0.4	No change	======				0.3	-16.7	Same
Gender	Male	2016	0.3	2020	0.3	-2.4	No change	======		======	======	======	======	======
	Female	2016	0.3	2020	0.3	3.6	No change	======		Male	0.3	0.3	6.3	Same

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

====== : Not applicable.

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

Appendix Table 5.3.5. Hospital admissions with iatrogenic pneumothorax per 1,000 medical and surgical admissions, age 18 and over

Source: HCUP

Benchmark: 0.2 in 2016

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	0.2	2020	0.2	-6.8	Improving	1 years	======	======	======	======	======
Race	White	2016	0.2	2020	0.2	-6.8	Improving	1 years	======	======	======	======	======
	API	2016	0.3	2020	0.2	-8.7	Improving	1 years	White	0.2	0.2	0.0	Same
	Black	2016	0.2	2020	0.2	-7.0	Improving	0 years			0.2	-5.6	Same
Ethnicity	Non-Hispanic, White	2016	0.2	2020	0.2	-6.8	Improving	1 years	======	======	======	======	======
	Hispanic, all races	2016	0.2	2020	0.2	-8.5	Improving	Reached	Non-Hispanic, White	0.2	0.2	-16.7	Same
	Non-Hispanic, API	2016	0.3	2020	0.2	-8.7	Improving	1 years			0.2	0.0	Same
	Non-Hispanic, Black	2016	0.2	2020	0.2	-7.0	Improving	0 years			0.2	-5.6	Same
Income	Fourth quartile (highest income)	2016	0.2	2020	0.2	-8.4	Improving	0 years	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	First quartile (lowest income)	2016	0.2	2020	0.2	-7.0	Improving	1 years	Fourth quartile (highest income)	0.2	0.2	5.9	Same
	Second quartile	2016	0.2	2020	0.2	-8.6	Improving	0 years			0.2	0.0	Same
	Third quartile	2016	0.2	2020	0.2	-5.5	Improving	1 years			0.2	5.9	Same
Health insurance	Private insurance	2016	0.2	2020	0.2	-6.1	Improving	No progress	======	======	======	======	======
	Medicare, under 65	2016	0.3	2020	0.2	-6.9	No change	No progress	Private insurance	0.2	0.2	5.6	Same
	Medicaid	2016	0.3	2020	0.2	-8.9	Improving	1 years			0.2	11.1	Same
	Other insurance	2016	0.2	2020	0.2	-5.2	No change	No progress			0.2	5.6	Same
	Uninsured/self pay/no charge	2016	0.2	2020	0.1	-9.7	Improving	Reached			0.1	-27.8	Better
Metropolitan status	Large fringe metro	2016	0.2	2020	0.2	-7.1	Improving	0 years	======	======	======	======	======
	Large central metro	2016	0.2	2020	0.2	-8.2	Improving	Reached	Large fringe metro	0.2	0.2	-5.9	Same
	Medium metro	2016	0.3	2020	0.2	-7.8	Improving	1 years			0.2	5.9	Same
	Small metro	2016	0.2	2020	0.2	-7.4	Improving	1 years			0.2	5.9	Same
	Micropolitan	2016	0.2	2020	0.2	-3.2	No change	No progress			0.2	23.5	Worse
	Noncore	2016	0.3	2020	0.2	-8.9	Improving	No progress			0.2	5.9	Same
Age	18-44	2016	0.2	2020	0.2	-7.3	No change	No progress	======	======	======	======	======
	65-69	2016	0.2	2020	0.2	-7.3	Improving	0 years	18-44	0.2	0.2	13.3	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	18-64	2016	0.2	2020	0.2	-7.9	Improving	Reached			0.2	0.0	Same
	70-74	2016	0.2	2020	0.2	-6.2	Improving	1 years			0.2	20.0	Worse
	75-79	2016	0.3	2020	0.2	-7.4	Improving	1 years			0.2	26.7	Worse
	45-64	2016	0.2	2020	0.2	-7.0	Improving	Reached			0.2	6.7	Same
	65 and over	2016	0.3	2020	0.2	-7.1	Improving	1 years			0.2	26.7	Same
	80-84	2016	0.3	2020	0.2	-8.0	Improving	No progress			0.2	40.0	Worse
	85 and over	2016	0.3	2020	0.2	-6.0	Improving	No progress			0.2	40.0	Worse
Gender	Male	2016	0.2	2020	0.2	-6.3	Improving	Reached	======	======	======	======	======
	Female	2016	0.3	2020	0.2	-8.0	Improving	2 years	Male	0.2	0.2	33.3	Same

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

====== : Not applicable.

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

Appendix Table 5.3.6. Deaths per 1,000 elective-surgery admissions who developed serious treatable complications of care during hospitalization, ages 18-89 or obstetric admissions

Source: HCUP

Benchmark: 134.9 in 2016

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	153.7	2020	141.0	-2.3	Improving	2 years	======	======	======	======	======
Race	White	2016	155.0	2020	143.1	-2.2	Improving	3 years	======	======	======	======	======
	API	2016	155.4	2020	132.6	-3.4	Improving	Reached	White	143.1	132.6	-7.3	Same
	Black	2016	147.5	2020	136.4	-2.3	Improving	0 years			136.4	-4.7	Same
Ethnicity	Non-Hispanic, White	2016	155.0	2020	143.1	-2.2	Improving	3 years	======	======	======	======	======
	Hispanic, all races	2016	152.8	2020	137.0	-2.7	Improving	1 years	Non-Hispanic, White	143.1	137.0	-4.3	Same
	Non-Hispanic, API	2016	155.4	2020	132.6	-3.4	Improving	Reached			132.6	-7.3	Same
	Non-Hispanic, Black	2016	147.5	2020	136.4	-2.3	Improving	0 years			136.4	-4.7	Same
Income	Fourth quartile (highest income)	2016	146.5	2020	133.7	-2.4	Improving	Reached	======	======	======	======	======
	First quartile (lowest income)	2016	158.8	2020	146.9	-2.2	Improving	4 years	Fourth quartile (highest income)	133.7	146.9	9.9	Same
	Second quartile	2016	155.1	2020	141.0	-2.5	Improving	2 years			141.0	5.5	Same
	Third quartile	2016	151.1	2020	138.8	-2.2	Improving	1 years			138.8	3.8	Same
Health insurance	Private insurance	2016	140.9	2020	132.3	-1.8	Improving	Reached	======	======	======	======	======
	Medicare, under 65	2016	152.7	2020	144.6	-1.4	Improving	5 years	Private insurance	132.3	144.6	9.3	Same
	Medicaid	2016	157.6	2020	143.1	-2.5	Improving	2 years			143.1	8.2	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Other insurance	2016	151.8	2020	146.5	-0.8	No change	No progress			146.5	10.7	Worse
	Uninsured/self pay/no charge	2016	186.4	2020	165.1	-2.3	Improving	No progress			165.1	24.8	Worse
Metropolitan status	Large fringe metro	2016	146.9	2020	135.4	-2.3	Improving	0 years	======	======	======	======	======
	Large central metro	2016	152.1	2020	135.8	-2.8	Improving	0 years	Large fringe metro	135.4	135.8	0.3	Same
	Medium metro	2016	157.6	2020	145.3	-2.1	Improving	3 years			145.3	7.3	Same
	Small metro	2016	156.3	2020	148.5	-1.8	Improving	No progress			148.5	9.7	Same
	Micropolitan	2016	160.7	2020	147.9	-2.4	Improving	3 years			147.9	9.2	Same
	Noncore	2016	159.9	2020	150.4	-1.5	Improving	No progress			150.4	11.1	Worse
Age	18-44	2016	113.6	2020	110.2	-0.8	No change	No progress	======	======	======	======	======
	65-69	2016	151.5	2020	141.0	-2.1	Improving	2 years	18-44	110.2	141.0	27.9	Worse
	18-64	2016	131.0	2020	122.8	-1.7	Improving	Reached			122.8	11.4	Worse
	70-74	2016	162.8	2020	149.8	-2.1	Improving	5 years			149.8	35.9	Worse
	45-64	2016	136.1	2020	126.8	-1.8	Improving	Reached			126.8	15.1	Worse
	75-79	2016	171.8	2020	157.4	-2.4	Improving	6 years			157.4	42.8	Worse
	80-84	2016	184.1	2020	162.6	-3.1	Improving	5 years			162.6	47.5	Worse
	65-89	2016	170.5	2020	154.7	-2.6	Improving	5 years			154.7	40.4	Worse
	85-89	2016	203.9	2020	179.2	-3.7	Improving	6 years			179.2	62.6	Worse
Gender	Male	2016	152.9	2020	140.3	-2.2	Improving	2 years	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Female	2016	154.9	2020	142.1	-2.4	Improving	2 years	Male	140.3	142.1	1.3	Same

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

====== : Not applicable.

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

Appendix Table 5.3.7. Deaths per 1,000 hospital admissions with expected low mortality, age 18 and over or obstetric admissions

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	0.6	2020	0.5	-5.8	Improving	======	======	======	======	======	======
Race	White	2016	0.6	2020	0.5	-6.4	Improving	======	======	======	======	======	======
	API	2016	0.5	2020	0.6	9.3	No change	======	White	0.5	0.6	32.6	Same
	Black	2016	0.6	2020	0.6	-2.3	No change	======			0.6	28.3	Worse
Ethnicity	Non-Hispanic, White	2016	0.6	2020	0.5	-6.4	Improving	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Hispanic, all races	2016	0.5	2020	0.4	-6.1	No change	======	Non-Hispanic, White	0.5	0.4	-15.2	Same
	Non-Hispanic, API	2016	0.5	2020	0.6	9.3	No change	======			0.6	32.6	Same
	Non-Hispanic, Black	2016	0.6	2020	0.6	-2.3	No change	======			0.6	28.3	Worse
Income	Fourth quartile (highest income)	2016	0.5	2020	0.4	-6.3	No change	======	======	======	======	======	======
	First quartile (lowest income)	2016	0.6	2020	0.5	-6.8	Improving	======	Fourth quartile (highest income)	0.4	0.5	22.5	Worse
	Second quartile	2016	0.6	2020	0.5	-6.3	No change	======			0.5	30.0	Worse
	Third quartile	2016	0.5	2020	0.4	-3.4	No change	======			0.4	10.0	Same
Health insurance	Private insurance	2016	0.5	2020	0.4	-5.9	Improving	======	======	======	======	======	======
	Medicare, under 65	2016	0.7	2020	0.6	-4.8	No change	======	Private insurance	0.4	0.6	52.5	Worse
	Medicaid	2016	0.6	2020	0.5	-5.3	No change	======			0.5	27.5	Same
	Other insurance	2016	0.7	2020	0.7	-5.5	No change	======			0.7	67.5	Worse
	Uninsured/self pay/no charge	2016	0.5	2020	0.5	-3.3	No change	======			0.5	22.5	Same
Metropolitan status	Large fringe metro	2016	0.5	2020	0.4	-4.7	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Large central metro	2016	0.5	2020	0.4	-6.4	Improving	======	Large fringe metro	0.4	0.4	-4.7	Same
	Medium metro	2016	0.6	2020	0.5	-6.1	No change	======			0.5	11.6	Same
	Small metro	2016	0.6	2020	0.5	-3.9	No change	======			0.5	16.3	Same
	Micropolitan	2016	0.7	2020	0.6	-3.3	No change	======			0.6	37.2	Worse
	Noncore	2016	1.0	2020	0.6	-11.6	Improving	======			0.6	44.2	Worse
Age	18-44	2016	0.2	2020	0.2	-1.1	No change	======	======	======	======	======	======
	65-69	2016	0.5	2020	0.5	-2.9	No change	======	18-44	0.2	0.5	161.1	Worse
	18-64	2016	0.3	2020	0.3	-2.4	No change	======			0.3	72.2	Worse
	70-74	2016	0.6	2020	0.6	-1.4	No change	======			0.6	205.6	Worse
	75-79	2016	0.8	2020	0.6	-9.7	No change	======			0.6	205.6	Worse
	45-64	2016	0.4	2020	0.4	-2.9	No change	======			0.4	133.3	Worse
	80-84	2016	0.9	2020	0.6	-8.2	No change	======			0.6	250.0	Worse
	65 and over	2016	0.8	2020	0.6	-7.7	Improving	======			0.6	222.2	Worse
	85 and over	2016	0.9	2020	0.6	-9.9	Improving	======			0.6	250.0	Worse
Gender	Male	2016	0.7	2020	0.5	-6.7	Improving	======	======	======	======	======	======
	Female	2016	0.5	2020	0.4	-5.4	Improving	======	Male	0.5	0.4	-24.1	Better

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

====== : Not applicable.

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

Appendix Table 5.3.8. In-hospital deaths per 100,000 delivery hospitalizations, women ages 12-55

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	6.0	2020	7.5	3.2	No change	======	======	======	======	======	======
Race	White	2016	3.7	2020	5.6	6.3	No change	======	======	======	======	======	======
	API	2016	9.0	2020	7.0	-0.4	No change	======	White	5.6	7.0	24.3	Same
	Black	2016	9.5	2020	12.2	2.4	No change	======			12.2	115.4	Worse
Ethnicity	Non-Hispanic, White	2016	3.7	2020	5.6	6.3	No change	======	======	======	======	======	======
	Hispanic, all races	2016	7.5	2020	8.5	0.7	No change	======	Non-Hispanic, White	5.6	8.5	51.4	Worse
	Non-Hispanic, API	2016	9.0	2020	7.0	-0.4	No change	======			7.0	24.3	Same
	Non-Hispanic, Black	2016	9.5	2020	12.2	2.4	No change	======			12.2	115.4	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	Fourth quartile (highest income)	2016	4.2	2020	5.1	3.0	No change	======	======	======	======	======	======
	First quartile (lowest income)	2016	7.4	2020	11.0	5.9	No change	======	Fourth quartile (highest income)	5.1	11.0	116.7	Worse
	Second quartile	2016	5.9	2020	8.0	6.7	No change	======			8.0	57.9	Worse
	Third quartile	2016	6.0	2020	5.0	-5.5	No change	======			5.0	-2.0	Same
Health insurance	Uninsured/self pay/no charge	2016	12.2	2018	15.3	------	------	======	------	------	------	------	------
	Private insurance	2016	4.5	2020	4.1	-2.7	No change	======	======	======	======	======	======
	Medicaid	2016	7.5	2020	11.2	6.4	No change	======	Private insurance	4.1	11.2	170.0	Worse
Metropolitan status	Large fringe metro	2016	5.0	2020	5.8	3.4	No change	======	======	======	======	======	======
	Large central metro	2016	6.4	2020	9.4	8.1	No change	======	Large fringe metro	5.8	9.4	63.0	Worse
	Medium metro	2016	8.2	2020	6.5	-8.9	No change	======			6.5	12.7	Same
	Small metro	2017	5.3	2020	7.5	------	------	======			7.5	30.2	Same
	Micropolitan	2016	4.9	2020	7.8	------	------	======			7.8	35.2	Same
	Noncore	2017	8.5	2020	7.6	------	------	======			7.6	31.8	Same

Measure Category: 5. Patient Safety, Subcategory: 3. Other Complications of Hospital Care

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Age	12-17	2018	0.0	2019	0.0	------	------	======	------	------	------	------	------
	18-24	2016	4.6	2020	4.3	-4.9	No change	======	======	======	======	======	======
	25-34	2016	4.9	2020	6.9	6.1	No change	======	18-24	4.3	6.9	60.0	Worse
	35-55	2016	11.7	2020	13.3	1.3	No change	======			13.3	207.2	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 5.3.9. Adult inpatients who sustained one or more adverse outcomes related to receipt of blood or blood product transfusion

Source: QSRS

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	2020	2.3	2021	1.4	------	------	======	======	======	======	======	======

Measure Category: 5. Patient Safety, Subcategory: 3. Other Complications of Hospital Care

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Race	White	2020	2.5	2021	1.3	------	------	======		======	======	======	======	======
Ethnicity	Non-Hispanic, White	2020	2.5	2021	1.3	------	------	======		======	======	======	======	======
Age	65-74	2021	2.0	2021	2.0	------	------	======		------	------	------	------	------
	75-84	2021	1.7	2021	1.7	------	------	======				------	------	------
Gender	Male	2021	1.4	2021	1.4	------	------	======		======	======	======	======	======
	Female	2021	1.4	2021	1.4	------	------	======		Male	1.4	1.4	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 5.3.10. Adult inpatients with one or more falls during hospital stay

Source: QSRS

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	2020	1.2	2021	0.5	------	------	======	======	======	======	======	======
Race	White	2020	1.2	2021	0.5	------	------	======	======	======	======	======	======
	Black	2021	0.6	2021	0.6	------	------	======	White	0.5	0.6	13.7	Same
Ethnicity	Non-Hispanic, White	2020	1.2	2021	0.5	------	------	======	======	======	======	======	======
	Non-Hispanic, Black	2021	0.6	2021	0.6	------	------	======	Non-Hispanic, White	0.5	0.6	13.7	Same
Age	Under 65	2021	0.4	2021	0.4	------	------	======	======	======	======	======	======
	65-74	2020	1.0	2021	0.5	------	------	======	Under 65	0.4	0.5	28.6	Same
	75-84	2020	1.4	2021	0.6	------	------	======			0.6	42.9	Same
	85 and over	2020	1.1	2021	0.4	------	------	======			0.4	4.8	Same
Gender	Male	2020	1.2	2021	0.6	------	------	======	======	======	======	======	======
	Female	2020	1.2	2021	0.4	------	------	======	Male	0.6	0.4	-29.0	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 5.3.11. Adult inpatients with a new diagnosis of deep vein thrombosis or pulmonary embolism not related to surgery, or that arose during hospital stay

Source: QSRS

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	2020	0.5	2021	0.3	------	------	======	======	======	======	======	======
Race	White	2020	0.4	2021	0.3	------	------	======	======	======	======	======	======
	Black	2021	0.6	2021	0.6	------	------	======	White	0.3	0.6	134.6	Worse
Ethnicity	Non-Hispanic, White	2020	0.4	2021	0.3	------	------	======	======	======	======	======	======
	Non-Hispanic, Black	2021	0.6	2021	0.6	------	------	======	Non-Hispanic, White	0.3	0.6	134.6	Worse
Age	65-74	2021	0.3	2021	0.3	------	------	======	------	------	------	------	------
	75-84	2021	0.3	2021	0.3	------	------	======			------	------	------
	85 and over	2021	0.4	2021	0.4	------	------	======			------	------	------
Gender	Male	2021	0.3	2021	0.3	------	------	======	======	======	======	======	======
	Female	2021	0.3	2021	0.3	------	------	======	Male	0.3	0.3	-21.2	Same

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

====== : Not applicable.

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

Measure Category: 5. Patient Safety, Subcategory: 4. Complications of Medication

Appendix Table 5.4.1. Adverse drug event with IV heparin in adult hospital patients who received an anticoagulant

Source: QSRS

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	2020	4.4	2021	4.1	------	------	======	======	======	======	======	======
Race	White	2021	3.9	2021	3.9	------	------	======	======	======	======	======	======
	Black	2021	4.8	2021	4.8	------	------	======	White	3.9	4.8	23.2	Same
Ethnicity	Non-Hispanic, White	2021	3.9	2021	3.9	------	------	======	======	======	======	======	======
	Non-Hispanic, Black	2021	4.8	2021	4.8	------	------	======	Non-Hispanic, White	3.9	4.8	23.2	Same
Age	65-74	2021	3.2	2021	3.2	------	------	======	------	------	------	------	------
	75-84	2021	5.8	2021	5.8	------	------	======		------	------	------
Gender	Male	2021	4.7	2021	4.7	------	------	======	======	======	======	======	======
	Female	2021	3.6	2021	3.6	------	------	======	Male	4.7	3.6	-23.7	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 5.4.2. Hospital patients with an anticoagulant-related adverse drug event to low-molecular-weight heparin and factor Xa

Source: QSRS

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	2020	1.0	2021	0.4	------	------	======	======	======	======	======	======
Race	White	2020	0.8	2021	0.4	------	------	======	======	======	======	======	======
Ethnicity	Non-Hispanic, White	2020	0.8	2021	0.4	------	------	======	======	======	======	======	======
Age	65-74	2020	1.4	2021	0.3	------	------	======	------	------	------	------	------
	75-84	2021	0.4	2021	0.4	------	------	======			------	------	------
Gender	Male	2020	1.0	2021	0.4	------	------	======	======	======	======	======	======
	Female	2020	1.1	2021	0.4	------	------	======	Male	0.4	0.4	-4.8	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 5.4.3. Hospital patients who received a hypoglycemic agent who had an adverse drug event with hypoglycemic agents

Source: QSRS

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	2020	5.3	2021	4.7	------	------	======	======	======	======	======	======
Race	White	2020	4.3	2021	4.0	------	------	======	======	======	======	======	======
	Black	2020	11.7	2021	6.6	------	------	======	White	4.0	6.6	65.9	Worse
Ethnicity	Non-Hispanic, White	2020	4.3	2021	4.0	------	------	======	======	======	======	======	======
	Hispanic, all races	2021	7.5	2021	7.5	------	------	======	Non-Hispanic, White	4.0	7.5	89.4	Worse
	Non-Hispanic, Black	2020	11.7	2021	6.6	------	------	======			6.6	65.9	Worse
Age	Under 65	2020	5.5	2021	4.9	------	------	======	======	======	======	======	======
	65-74	2020	4.5	2021	4.9	------	------	======	Under 65	4.9	4.9	-1.2	Same
	75-84	2020	5.6	2021	4.2	------	------	======			4.2	-14.6	Same
	85 and over	2020	6.6	2021	4.8	------	------	======			4.8	-3.7	Same
Gender	Male	2020	5.5	2021	4.8	------	------	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Female	2020	5.0	2021	4.5	------	------	======	Male	4.8	4.5	-5.8	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 5.4.4. Home health care patients whose management of oral medications improved

Source: OASIS

Benchmark: 66.2 in 2015

Data year for disparities analysis: 2021

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	51.9	2021	79.8	-11.1	Improving	Reached	======	======	======	======	======
Race	White	2013	53.3	2021	80.7	-11.3	Improving	Reached	======	======	======	======	======
	AI/AN	2013	52.1	2021	78.7	-10.4	Improving	Reached	White	80.7	78.7	10.4	Worse
	Asian	2013	47.3	2021	71.5	-8.0	Improving	Reached			71.5	47.7	Worse
	NHPI	2013	49.7	2021	76.1	-9.2	Improving	Reached			76.1	23.8	Worse
	Black	2013	52.8	2021	80.8	-11.5	Improving	Reached			80.8	-0.5	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Multiple races	2013	45.6	2021	71.8	-8.6	Improving	Reached			71.8	46.1	Worse
Ethnicity	Non-Hispanic, White	2013	53.3	2021	80.7	-11.3	Improving	Reached	======	======	======	======	======
	Hispanic, all races	2013	40.6	2021	72.2	-9.9	Improving	Reached	Non-Hispanic, White	80.7	72.2	44.0	Worse
	Non-Hispanic, AI/AN	2013	52.1	2021	78.7	-10.4	Improving	Reached			78.7	10.4	Worse
	Non-Hispanic, Asian	2013	47.3	2021	71.5	-8.0	Improving	Reached			71.5	47.7	Worse
	Non-Hispanic, NHPI	2013	49.7	2021	76.1	-9.2	Improving	Reached			76.1	23.8	Worse
	Non-Hispanic, Black	2013	52.8	2021	80.8	-11.5	Improving	Reached			80.8	-0.5	Same
	Non-Hispanic, multiple races	2013	45.6	2021	71.8	-8.6	Improving	Reached			71.8	46.1	Worse
Age	0-64	2013	57.8	2021	83.2	-11.8	Improving	Reached	======	======	======	======	======
	65-74	2013	62.5	2021	86.0	-12.6	Improving	Reached	0-64	83.2	86.0	-16.7	Better
	75-84	2013	53.2	2021	81.1	-11.6	Improving	Reached			81.1	12.5	Worse-
	85 and over	2013	40.6	2021	70.9	-9.1	Improving	Reached			70.9	73.2	Worse
Gender	Male	2013	52.1	2021	79.6	-10.9	Improving	Reached	======	======	======	======	======
	Female	2013	51.8	2021	80.0	-11.2	Improving	Reached	Male	79.6	80.0	-2.0	Same

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

====== : Not applicable.

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

Appendix Table 5.4.5. Adults inpatients with an adverse event within 24 hours following opioid administration

Source: QSRS

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	0.3	2021	0.3	------	------	======	======	======	======	======	======
Race	White	2021	0.4	2021	0.4	------	------	======	======	======	======	======	======
Ethnicity	Non-Hispanic, White	2021	0.4	2021	0.4	------	------	======	======	======	======	======	======
Age	65-74	2021	0.4	2021	0.4	------	------	======	------	------	------	------	------
	75-84	2021	0.4	2021	0.4	------	------	======			------	------	------
Gender	Male	2021	0.4	2021	0.4	------	------	======	======	======	======	======	======
	Female	2021	0.3	2021	0.3	------	------	======	Male	0.4	0.3	-35.7	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: 5. Patient Safety, Subcategory: 5. Birth-Related Complications

Appendix Table 5.5.1. Birth trauma - injury to neonate per 1,000 live births

Source: HCUP

Benchmark: 2.8 in 2016

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	4.7	2020	4.8	0.1	No change	No progress	======	======	======	======	======
Race	White	2016	5.2	2020	5.2	-0.1	No change	No progress	======	======	======	======	======
	API	2016	4.6	2020	5.1	1.3	No change	No progress	White	5.2	5.1	-2.3	Same
	Black	2016	3.4	2020	3.6	1.4	No change	No progress			3.6	-31.5	Better
Ethnicity	Non-Hispanic, White	2016	5.2	2020	5.2	-0.1	No change	No progress	======	======	======	======	======
	Hispanic, all races	2016	4.2	2020	4.4	-0.6	No change	No progress	Non-Hispanic, White	5.2	4.4	-16.6	Better
	Non-Hispanic, API	2016	4.6	2020	5.1	1.3	No change	No progress			5.1	-2.3	Same
	Non-Hispanic, Black	2016	3.4	2020	3.6	1.4	No change	No progress			3.6	-31.5	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	Fourth quartile (highest income)	2016	4.5	2020	5.0	2.0	No change	No progress	======	======	======	======	======
	First quartile (lowest income)	2016	4.5	2020	4.5	-0.5	No change	No progress	Fourth quartile (highest income)	5.0	4.5	-10.6	Same
	Second quartile	2016	4.8	2020	5.0	0.1	No change	No progress			5.0	-0.6	Same
	Third quartile	2016	4.8	2020	4.8	-0.6	No change	No progress			4.8	-4.2	Same
Health insurance	Private insurance	2016	4.5	2020	4.8	1.1	No change	No progress	======	======	======	======	======
	Medicaid	2016	4.8	2020	4.7	-0.8	No change	No progress	Private insurance	4.8	4.7	-2.5	Same
	Other insurance	2016	4.9	2020	5.0	-0.1	No change	No progress			5.0	2.3	Same
	Uninsured/self pay/no charge	2016	4.6	2020	4.9	0.6	No change	No progress			4.9	1.9	Same
Metropolitan status	Large fringe metro	2016	4.6	2020	4.9	0.6	No change	No progress	======	======	======	======	======
	Large central metro	2016	4.2	2020	4.7	2.9	Worsening	No progress	Large fringe metro	4.9	4.7	-2.7	Same
	Medium metro	2016	4.7	2020	4.3	-3.0	No change	No progress			4.3	-10.7	Same
	Small metro	2016	4.9	2020	4.4	-3.2	No change	No progress			4.4	-8.6	Same
	Micropolitan	2016	5.6	2020	5.7	0.6	No change	No progress			5.7	17.9	Worse
	Noncore	2016	5.7	2020	5.8	-0.1	No change	No progress			5.8	19.5	Worse
Gender	Male	2016	5.2	2020	5.3	0.1	No change	No progress	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Female	2016	4.1	2020	4.3	0.2	No change	No progress	Male	5.3	4.3	-20.0	Better

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

====== : Not applicable.

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

Appendix Table 5.5.2. Obstetric trauma per 1,000 vaginal deliveries without instrument assistance

Source: HCUP

Benchmark: 14.2 in 2016

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	17.2	2020	17.4	0.1	No change	No progress	======	======	======	======	======
Race	White	2016	18.6	2020	18.8	0.2	No change	No progress	======	======	======	======	======
	API	2016	37.2	2020	40.9	1.9	Worsening	No progress	White	18.8	40.9	117.6	Worse
	Black	2016	9.5	2020	9.6	0.0	No change	No progress			9.6	-48.9	Better
Ethnicity	Non-Hispanic, White	2016	18.6	2020	18.8	0.2	No change	No progress	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Hispanic, all races	2016	12.4	2020	12.5	-0.2	No change	No progress	Non-Hispanic, White	18.8	12.5	-33.5	Better
	Non-Hispanic, API	2016	37.2	2020	40.9	1.9	Worsening	No progress			40.9	117.6	Worse
	Non-Hispanic, Black	2016	9.5	2020	9.6	0.0	No change	No progress			9.6	-48.9	Better
Income	Fourth quartile (highest income)	2016	22.7	2020	23.3	0.6	No change	No progress	======	======	======	======	======
	First quartile (lowest income)	2016	13.0	2020	12.7	-0.8	No change	No progress	Fourth quartile (highest income)	23.3	12.7	-45.5	Better
	Second quartile	2016	16.1	2020	16.0	-0.3	No change	No progress			16.0	-31.3	Better
	Third quartile	2016	18.6	2020	19.1	0.4	No change	No progress			19.1	-18.0	Better
Health insurance	Private insurance	2016	23.3	2020	23.5	0.2	No change	No progress	======	======	======	======	======
	Medicaid	2016	10.5	2020	10.2	-1.4	No change	No progress	Private insurance	23.5	10.2	-56.6	Better
	Other insurance	2016	16.8	2020	17.6	0.9	No change	No progress			17.6	-25.1	Better
	Uninsured/self pay/no charge	2016	17.9	2020	15.9	-3.5	No change	No progress			15.9	-32.3	Better
Metropolitan status	Large fringe metro	2016	17.6	2020	18.2	0.6	No change	No progress	======	======	======	======	======
	Large central metro	2016	18.1	2020	18.3	0.2	No change	No progress	Large fringe metro	18.2	18.3	0.5	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Medium metro	2016	17.2	2020	17.8	0.4	No change	No progress				17.8	-2.2	Same
	Small metro	2016	16.3	2020	15.5	-1.4	Improving	No progress				15.5	-14.8	Better
	Micropolitan	2016	14.6	2020	14.4	-0.4	No change	No progress				14.4	-20.9	Better
	Noncore	2016	14.8	2020	14.5	-0.5	No change	No progress				14.5	-20.3	Better
Age	18-24	2016	14.0	2020	14.3	0.4	No change	No progress		======	======	======	======	======
	10-14	2016	27.7	2020	39.8	4.6	No change	No progress		18-24	14.3	39.8	178.3	Worse
	15-17	2016	17.7	2020	18.9	1.2	No change	No progress				18.9	32.2	Worse
	25-34	2016	19.2	2020	19.2	-0.2	No change	No progress				19.2	34.3	Worse
	35-54	2016	15.0	2020	15.2	0.1	No change	No progress				15.2	6.3	Same

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

====== : Not applicable.

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

Appendix Table 5.5.3. Obstetric trauma per 1,000 instrument-assisted vaginal deliveries

Source: HCUP

Benchmark: 87.2 in 2016

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	108.1	2020	114.7	1.3	No change	No progress		======	======	======	======	======
Race	White	2016	111.1	2020	117.2	1.4	No change	No progress		======	======	======	======	======
	API	2016	179.0	2020	213.0	3.8	Worsening	No progress		White	117.2	213.0	81.7	Worse
	Black	2016	71.4	2020	69.2	-1.4	No change	No progress				69.2	-41.0	Better
Ethnicity	Non-Hispanic, White	2016	111.1	2020	117.2	1.4	No change	No progress		======	======	======	======	======
	Hispanic, all races	2016	81.7	2020	87.3	1.4	Worsening	No progress		Non-Hispanic, White	117.2	87.3	-25.5	Better
	Non-Hispanic, API	2016	179.0	2020	213.0	3.8	Worsening	No progress				213.0	81.7	Worse
	Non-Hispanic, Black	2016	71.4	2020	69.2	-1.4	No change	No progress				69.2	-41.0	Better
Income	Fourth quartile (highest income)	2016	135.6	2020	153.0	2.7	Worsening	No progress		======	======	======	======	======
	First quartile (lowest income)	2016	86.2	2020	84.6	-0.6	No change	No progress		Fourth quartile (highest income)	153.0	84.6	-44.7	Better
	Second quartile	2016	102.8	2020	104.0	0.4	No change	No progress				104.0	-32.0	Better
	Third quartile	2016	114.3	2020	124.0	1.8	No change	No progress				124.0	-19.0	Better
Health insurance	Private insurance	2016	134.1	2020	143.2	1.5	No change	No progress		======	======	======	======	======
	Medicaid	2016	75.9	2020	74.2	-0.8	No change	No progress		Private insurance	143.2	74.2	-48.2	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Other insurance	2016	106.5	2020	113.4	2.2	No change	No progress				113.4	-20.8	Better
	Uninsured/self pay/no charge	2016	88.9	2020	92.6	1.1	No change	No progress				92.6	-35.3	Better
Metropolitan status	Large fringe metro	2016	114.9	2020	118.3	1.0	No change	No progress		======	======	======	======	======
	Large central metro	2016	114.1	2020	126.2	2.0	No change	No progress		Large fringe metro	118.3	126.2	6.7	Same
	Medium metro	2016	106.5	2020	113.0	1.5	Worsening	No progress				113.0	-4.5	Same
	Small metro	2016	98.2	2020	106.6	1.9	No change	No progress				106.6	-9.9	Same
	Micropolitan	2016	92.4	2020	87.3	-1.1	No change	No progress				87.3	-26.2	Better
	Noncore	2016	91.9	2020	96.3	0.2	No change	No progress				96.3	-18.6	Better
Age	18-24	2016	88.0	2020	86.9	-0.1	No change	No progress		======	======	======	======	======
	10-14	2016	149.4	2020	124.5	-4.3	No change	No progress		18-24	86.9	124.5	43.3	Same
	15-17	2016	100.1	2020	87.6	-2.7	No change	No progress				87.6	0.8	Same
	25-34	2016	121.1	2020	128.1	1.2	No change	No progress				128.1	47.4	Worse
	35-54	2016	97.6	2020	114.4	3.4	Worsening	No progress				114.4	31.6	Worse

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

====== : Not applicable.

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

Appendix Table 5.5.4. Venous thromboembolism or pulmonary embolism per 1,000 delivery discharges, women ages 12-55

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	0.3	2020	0.3	4.4	Worsening	======	======	======	======	======	======
Race	White	2016	0.3	2020	0.3	2.8	No change	======	======	======	======	======	======
	API	2016	0.2	2020	0.2	1.7	No change	======	White	0.3	0.2	-43.3	Better
	Black	2016	0.4	2020	0.4	0.7	No change	======			0.4	40.0	Worse
Ethnicity	Non-Hispanic, White	2016	0.3	2020	0.3	2.8	No change	======	======	======	======	======	======
	Hispanic, all races	2016	0.2	2020	0.3	10.1	Worsening	======	Non-Hispanic, White	0.3	0.3	-6.7	Same
	Non-Hispanic, API	2016	0.2	2020	0.2	1.7	No change	======			0.2	-43.3	Better
	Non-Hispanic, Black	2016	0.4	2020	0.4	0.7	No change	======			0.4	40.0	Worse
Income	Fourth quartile (highest income)	2016	0.2	2020	0.3	2.4	No change	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	First quartile (lowest income)	2016	0.3	2020	0.3	4.7	No change	======		Fourth quartile (highest income)	0.3	0.3	25.9	Worse
	Second quartile	2016	0.3	2020	0.3	4.8	Worsening	======				0.3	11.1	Same
	Third quartile	2016	0.3	2020	0.3	2.9	No change	======				0.3	11.1	Same
Health insurance	Private insurance	2016	0.3	2020	0.3	1.9	No change	======		======	======	======	======	======
	Medicaid	2016	0.3	2020	0.3	5.5	Worsening	======		Private insurance	0.3	0.3	17.9	Worse
	Other insurance	2016	0.3	2020	0.3	6.1	No change	======				0.3	17.9	Same
	Uninsured/self pay/no charge	2016	0.2	2020	0.3	5.7	Worsening	======				0.3	0.0	Same
Metropolitan status	Large fringe metro	2016	0.3	2020	0.3	1.6	No change	======		======	======	======	======	======
	Large central metro	2016	0.3	2020	0.3	4.5	Worsening	======		Large fringe metro	0.3	0.3	17.9	Same
	Medium metro	2016	0.3	2020	0.3	6.3	Worsening	======				0.3	21.4	Same
	Small metro	2016	0.3	2020	0.3	4.7	Worsening	======				0.3	7.1	Same
	Micropolitan	2016	0.2	2020	0.3	6.1	No change	======				0.3	10.7	Same
	Noncore	2016	0.3	2020	0.2	-2.2	No change	======				0.2	-25.0	Same
Age	18-24	2016	0.2	2020	0.3	3.5	No change	======		======	======	======	======	======
	25-34	2016	0.3	2020	0.3	4.2	Worsening	======		18-24	0.3	0.3	16.0	Same
	35-55	2016	0.4	2020	0.4	1.0	No change	======				0.4	72.0	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 5.5.5. Severe maternal morbidity per 1,000 delivery discharges, women ages 12-55

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	7.0	2020	7.9	3.2	Worsening	======	======	======	======	======	======
Race	White	2016	5.9	2020	6.1	1.5	No change	======	======	======	======	======	======
	API	2016	7.3	2020	8.9	5.1	Worsening	======	White	6.1	8.9	46.1	Worse
	Black	2016	10.9	2020	12.5	3.2	Worsening	======			12.5	104.1	Worse
Ethnicity	Non-Hispanic, White	2016	5.9	2020	6.1	1.5	No change	======	======	======	======	======	======
	Hispanic, all races	2016	6.9	2020	8.3	4.8	Worsening	======	Non-Hispanic, White	6.1	8.3	36.6	Worse
	Non-Hispanic, API	2016	7.3	2020	8.9	5.1	Worsening	======			8.9	46.1	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2016	10.9	2020	12.5	3.2	Worsening	======				12.5	104.1	Worse
Income	Fourth quartile (highest income)	2016	6.1	2020	7.1	4.0	Worsening	======		======	======	======	======	======
	First quartile (lowest income)	2016	7.9	2020	9.0	3.1	Worsening	======		Fourth quartile (highest income)	7.1	9.0	26.5	Worse
	Second quartile	2016	7.1	2020	7.5	2.1	Worsening	======				7.5	6.2	Same
	Third quartile	2016	6.5	2020	7.5	3.9	Worsening	======				7.5	6.3	Same
Health insurance	Private insurance	2016	6.2	2020	6.8	2.7	Worsening	======		======	======	======	======	======
	Medicaid	2016	7.8	2020	9.0	3.8	Worsening	======		Private insurance	6.8	9.0	33.1	Worse
	Other insurance	2016	6.2	2020	7.0	3.4	No change	======				7.0	3.6	Same
	Uninsured/self pay/no charge	2016	6.2	2020	8.1	6.2	Worsening	======				8.1	20.4	Worse
Metropolitan status	Large fringe metro	2016	6.8	2020	7.6	3.4	Worsening	======		======	======	======	======	======
	Large central metro	2016	7.7	2020	9.4	5.1	Worsening	======		Large fringe metro	7.6	9.4	23.8	Worse
	Medium metro	2016	6.8	2020	7.4	2.2	Worsening	======				7.4	-2.8	Same
	Small metro	2016	6.3	2020	6.2	0.6	No change	======				6.2	-18.0	Better
	Micropolitan	2016	6.4	2020	6.4	0.0	No change	======				6.4	-15.5	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Noncore	2016	6.5	2020	6.7	1.2	No change	======				6.7	-11.2	Better
Age	18-24	2016	6.0	2020	7.1	4.3	Worsening	======		======	======	======	======	======
	12-17	2016	7.3	2020	9.5	5.5	Worsening	======		18-24	7.1	9.5	33.8	Worse
	25-34	2016	6.5	2020	7.2	3.0	Worsening	======				7.2	1.4	Same
	35-55	2016	10.3	2020	10.7	1.3	No change	======				10.7	50.6	Worse

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

====== : Not applicable.

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

Appendix Table 5.5.6. Severe postpartum hemorrhage per 1,000 delivery discharges, women ages 12-55

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	34.1	2020	46.4	8.0	Worsening	======	======	======	======	======	======
Race	White	2016	30.9	2020	42.4	8.5	Worsening	======	======	======	======	======	======
	API	2016	43.8	2020	61.1	8.6	Worsening	======	White	42.4	61.1	44.1	Worse
	Black	2016	33.8	2020	45.8	7.6	Worsening	======			45.8	8.0	Same
Ethnicity	Non-Hispanic, White	2016	30.9	2020	42.4	8.5	Worsening	======	======	======	======	======	======
	Hispanic, all races	2016	38.6	2020	51.5	7.3	Worsening	======	Non-Hispanic, White	42.4	51.5	21.4	Worse
	Non-Hispanic, API	2016	43.8	2020	61.1	8.6	Worsening	======			61.1	44.1	Worse
	Non-Hispanic, Black	2016	33.8	2020	45.8	7.6	Worsening	======			45.8	8.0	Same
Income	Fourth quartile (highest income)	2016	34.7	2020	50.6	10.1	Worsening	======	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	First quartile (lowest income)	2016	34.5	2020	43.2	5.7	Worsening	======	Fourth quartile (highest income)	50.6	43.2	-14.6	Better
	Second quartile	2016	33.1	2020	44.9	7.9	Worsening	======			44.9	-11.3	Better
	Third quartile	2016	34.0	2020	48.1	8.9	Worsening	======			48.1	-4.9	Same
Health insurance	Private insurance	2016	33.1	2020	47.0	9.3	Worsening	======	======	======	======	======	======
	Medicaid	2016	35.4	2020	45.8	6.6	Worsening	======	Private insurance	47.0	45.8	-2.4	Same
	Other insurance	2016	32.2	2020	43.4	8.1	Worsening	======			43.4	-7.7	Same
	Uninsured/self pay/no charge	2016	33.8	2020	46.3	7.4	Worsening	======			46.3	-1.4	Same
Metropolitan status	Large fringe metro	2016	31.7	2020	45.7	9.8	Worsening	======	======	======	======	======	======
	Large central metro	2016	38.1	2020	52.4	7.9	Worsening	======	Large fringe metro	45.7	52.4	14.7	Worse
	Medium metro	2016	33.2	2020	44.9	7.9	Worsening	======			44.9	-1.7	Same
	Small metro	2016	29.9	2020	40.6	8.7	Worsening	======			40.6	-11.1	Better
	Micropolitan	2016	32.3	2020	39.6	5.1	Worsening	======			39.6	-13.3	Better
	Noncore	2016	32.6	2020	39.8	5.5	Worsening	======			39.8	-12.9	Better
Age	18-24	2016	33.7	2020	44.0	6.8	Worsening	======	======	======	======	======	======
	12-17	2016	42.9	2020	50.6	4.4	Worsening	======	18-24	44.0	50.6	15.1	Worse
	25-34	2016	32.9	2020	44.9	8.1	Worsening	======			44.9	2.2	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	35-55	2016	37.8	2020	53.4	8.9	Worsening	======				53.4	21.6	Worse

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

====== : Not applicable.

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

Appendix Table 5.5.7. Eclampsia/preeclampsia per 1,000 delivery discharges, women ages 12-55

Source: HCUP

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	53.2	2020	73.6	8.6	Worsening	======		======	======	======	======	======
Race	White	2016	48.5	2020	65.9	8.2	Worsening	======		======	======	======	======	======
	API	2016	34.8	2020	55.0	11.6	Worsening	======		White	65.9	55.0	-16.5	Better
	Black	2016	77.0	2020	106.1	8.4	Worsening	======				106.1	61.0	Worse
Ethnicity	Non-Hispanic, White	2016	48.5	2020	65.9	8.2	Worsening	======		======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Hispanic, all races	2016	53.8	2020	74.8	8.5	Worsening	======		Non-Hispanic, White	65.9	74.8	13.5	Worse
	Non-Hispanic, API	2016	34.8	2020	55.0	11.6	Worsening	======				55.0	-16.5	Better
	Non-Hispanic, Black	2016	77.0	2020	106.1	8.4	Worsening	======				106.1	61.0	Worse
Income	Fourth quartile (highest income)	2016	44.7	2020	63.1	9.2	Worsening	======		======	======	======	======	======
	First quartile (lowest income)	2016	60.7	2020	83.9	8.4	Worsening	======		Fourth quartile (highest income	63.1	83.9	33.0	Worse
	Second quartile	2016	53.6	2020	73.1	8.3	Worsening	======				73.1	15.8	Worse
	Third quartile	2016	50.9	2020	71.2	8.9	Worsening	======				71.2	12.8	Worse
Health insurance	Private insurance	2016	51.5	2020	69.9	8.1	Worsening	======		======	======	======	======	======
	Medicaid	2016	55.7	2020	78.7	9.1	Worsening	======		Private insurance	69.9	78.7	12.6	Worse
	Other insurance	2016	50.0	2020	66.5	7.2	Worsening	======				66.5	-4.9	Same
	Uninsured/self pay/no charge	2016	40.6	2020	59.9	10.0	Worsening	======				59.9	-14.3	Better
Metropolitan status	Large fringe metro	2016	49.8	2020	70.3	9.2	Worsening	======		======	======	======	======	======
	Large central metro	2016	55.4	2020	79.7	9.5	Worsening	======		Large fringe metro	70.3	79.7	13.4	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Medium metro	2016	54.7	2020	73.2	7.7	Worsening	======				73.2	4.1	Same
	Small metro	2016	50.6	2020	67.3	7.7	Worsening	======				67.3	-4.3	Same
	Micropolitan	2016	52.5	2020	68.4	6.9	Worsening	======				68.4	-2.7	Same
	Noncore	2016	54.2	2020	70.8	7.2	Worsening	======				70.8	0.7	Same
Age	18-24	2016	55.0	2020	76.8	8.6	Worsening	======		======	======	======	======	======
	12-17	2016	68.9	2020	97.2	8.8	Worsening	======		18-24	76.8	97.2	26.6	Worse
	25-34	2016	48.5	2020	67.4	8.7	Worsening	======				67.4	-12.2	Better
	35-55	2016	65.2	2020	87.0	7.7	Worsening	======				87.0	13.3	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 5.5.8. Cesarean deliveries per 1,000 deliveries

Source: HCUP

Benchmark: 198.6 in 2016

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	286.5	2020	281.9	-0.6	No change	No progress	======	======	======	======	======
Race	White	2016	274.3	2020	269.9	-0.6	No change	No progress	======	======	======	======	======
	API	2016	280.7	2020	275.7	-0.6	No change	No progress	White	269.9	275.7	2.1	Same
	Black	2016	330.3	2020	328.1	-0.3	No change	No progress			328.1	21.6	Worse
Ethnicity	Non-Hispanic, White	2016	274.3	2020	269.9	-0.6	No change	No progress	======	======	======	======	======
	Hispanic, all races	2016	289.0	2020	279.8	-0.9	No change	More than 20 years	Non-Hispanic, White	269.9	279.8	3.7	Same
	Non-Hispanic, API	2016	280.7	2020	275.7	-0.6	No change	No progress			275.7	2.1	Same
	Non-Hispanic, Black	2016	330.3	2020	328.1	-0.3	No change	No progress			328.1	21.6	Worse
Income	Fourth quartile (highest income)	2016	285.5	2020	279.1	-0.7	No change	No progress	======	======	======	======	======
	First quartile (lowest income)	2016	292.7	2020	292.8	-0.2	No change	No progress	Fourth quartile (highest income)	279.1	292.8	4.9	Same
	Second quartile	2016	285.6	2020	278.7	-0.7	No change	More than 20 years			278.7	-0.1	Same
	Third quartile	2016	281.0	2020	275.3	-0.7	No change	More than 20 years			275.3	-1.4	Same
Health insurance	Private insurance	2016	290.0	2020	285.0	-0.6	No change	No progress	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Medicaid	2016	283.3	2020	280.3	-0.4	No change	No progress	Private insurance	285.0	280.3	-1.6	Same
	Other insurance	2016	265.1	2020	256.3	-0.8	No change	More than 20 years			256.3	-10.1	Better
	Uninsured/self pay/no charge	2016	276.6	2020	253.0	-2.4	Improving	8 years			253.0	-11.2	Better
Metropolitan status	Large fringe metro	2016	291.1	2020	287.5	-0.4	No change	No progress	======	======	======	======	======
	Large central metro	2016	288.5	2020	279.7	-0.9	No change	More than 20 years	Large fringe metro	287.5	279.7	-2.7	Same
	Medium metro	2016	283.9	2020	281.9	-0.4	No change	No progress			281.9	-1.9	Same
	Small metro	2016	269.9	2020	270.8	-0.1	No change	No progress			270.8	-5.8	Same
	Micropolitan	2016	285.0	2020	282.8	-0.4	No change	No progress			282.8	-1.6	Same
	Noncore	2016	292.7	2020	287.5	-0.7	No change	No progress			287.5	0.0	Same
Age	18-24	2016	228.1	2020	217.1	-1.5	Improving	6 years	======	======	======	======	======
	10-14	2016	161.4	2020	146.0	-2.5	Improving	Reached	18-24	217.1	146.0	-32.7	Better
	15-17	2016	149.0	2020	140.4	-1.8	Improving	Reached			140.4	-35.3	Better
	25-34	2016	290.1	2020	281.4	-0.9	No change	More than 20 years			281.4	29.6	Worse
	35-54	2016	378.2	2020	371.0	-0.5	No change	More than 20 years			371.0	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 5.5.9. Vaginal birth after cesarean per 1,000 women with previous cesarean deliveries, uncomplicated

Source: HCUP

Benchmark: 212.8 in 2016

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	118.7	2020	137.8	-0.6	No change	14 years	======	======	======	======	======
Race	White	2016	116.7	2020	133.0	-0.5	No change	17 years	======	======	======	======	======
	API	2016	138.1	2020	162.1	-0.8	No change	8 years	White	133.0	162.1	-3.4	Same
	Black	2016	116.7	2020	134.6	-0.6	No change	16 years			134.6	-0.2	Same
Ethnicity	Non-Hispanic, White	2016	116.7	2020	133.0	-0.5	No change	17 years	======	======	======	======	======
	Hispanic, all races	2016	116.7	2020	141.4	-0.7	No change	11 years	Non-Hispanic, White	133.0	141.4	-1.0	Same
	Non-Hispanic, API	2016	138.1	2020	162.1	-0.8	No change	8 years			162.1	-3.4	Same
	Non-Hispanic, Black	2016	116.7	2020	134.6	-0.6	No change	16 years			134.6	-0.2	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Income	Fourth quartile (highest income)	2016	132.0	2020	147.1	-0.5	No change	14 years	======	======	======	======	======
	First quartile (lowest income)	2016	110.8	2020	125.3	-0.5	No change	More than 20 years	Fourth quartile (highest income)	147.1	125.3	2.6	Same
	Second quartile	2016	112.4	2020	135.6	-0.7	No change	13 years			135.6	1.3	Same
	Third quartile	2016	123.8	2020	147.6	-0.7	No change	10 years			147.6	-0.1	Same
Health insurance	Private insurance	2016	119.3	2020	134.3	-0.5	No change	19 years	======	======	======	======	======
	Medicaid	2016	116.3	2020	137.9	-0.7	No change	13 years	Private insurance	134.3	137.9	-0.4	Same
	Other insurance	2016	141.2	2020	163.5	-0.7	No change	8 years			163.5	-3.4	Same
	Uninsured/self pay/no charge	2016	138.9	2020	185.2	-1.4	Improving	2 years			185.2	-5.9	Same
Metropolitan status	Large fringe metro	2016	121.5	2020	137.8	-0.5	No change	16 years	======	======	======	======	======
	Large central metro	2016	137.0	2020	156.8	-0.6	No change	10 years	Large fringe metro	137.8	156.8	-2.2	Same
	Medium metro	2016	114.6	2020	135.3	-0.6	No change	14 years			135.3	0.3	Same
	Small metro	2016	113.5	2020	131.8	-0.6	No change	16 years			131.8	0.7	Same
	Micropolitan	2016	78.0	2020	102.4	-0.7	No change	17 years			102.4	4.1	Same
	Noncore	2016	80.9	2020	101.2	-0.6	No change	20 years			101.2	4.2	Same
Age	18-24	2016	111.9	2020	137.8	-0.8	No change	11 years	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	15-17	2016	165.1	2020	202.5	-1.2	No change	No progress	18-24	137.8	202.5	-7.5	Same
	25-34	2016	121.9	2020	143.1	-0.7	No change	12 years			143.1	-0.6	Same
	35-54	2016	114.6	2020	125.9	-0.4	No change	More than 20 years			125.9	1.4	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 5.5.10. First-time cesarean deliveries (identified by no previous cesarean delivery diagnosis on the record) per 1,000 deliveries

Source: HCUP

Benchmark: 97.7 in 2016

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2016	157.8	2020	158.0	-0.2	No change	No progress	======	======	======	======	======
Race	White	2016	151.7	2020	152.5	-0.1	No change	No progress	======	======	======	======	======
	API	2016	162.9	2020	164.7	0.0	No change	No progress	White	152.5	164.7	8.0	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Black	2016	193.8	2020	192.7	-0.3	No change	No progress			192.7	26.4	Worse
Ethnicity	Non-Hispanic, White	2016	151.7	2020	152.5	-0.1	No change	No progress	======	======	======	======	======
	Hispanic, all races	2016	146.4	2020	144.6	-0.7	No change	No progress	Non-Hispanic, White	152.5	144.6	-5.2	Same
	Non-Hispanic, API	2016	162.9	2020	164.7	0.0	No change	No progress			164.7	8.0	Same
	Non-Hispanic, Black	2016	193.8	2020	192.7	-0.3	No change	No progress			192.7	26.4	Worse
Income	Fourth quartile (highest income)	2016	159.7	2020	158.8	-0.4	No change	No progress	======	======	======	======	======
	First quartile (lowest income)	2016	158.1	2020	160.1	0.0	No change	No progress	Fourth quartile (highest income)	158.8	160.1	0.8	Same
	Second quartile	2016	157.0	2020	155.7	-0.4	No change	No progress			155.7	-2.0	Same
	Third quartile	2016	156.6	2020	157.3	-0.2	No change	No progress			157.3	-0.9	Same
Health insurance	Private insurance	2016	170.6	2020	171.7	-0.1	No change	No progress	======	======	======	======	======
	Medicaid	2016	144.0	2020	142.3	-0.6	No change	No progress	Private insurance	171.7	142.3	-17.1	Better
	Other insurance	2016	143.4	2020	143.4	-0.2	No change	No progress			143.4	-16.5	Better
	Uninsured/self pay/no charge	2016	142.1	2020	129.0	-2.6	Improving	9 years			129.0	-24.9	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Metropolitan status	Large fringe metro	2016	160.5	2020	160.6	-0.2	No change	No progress	======	======	======	======	======
	Large central metro	2016	165.0	2020	162.4	-0.7	No change	No progress	Large fringe metro	160.6	162.4	1.1	Same
	Medium metro	2016	153.2	2020	156.0	0.2	No change	No progress			156.0	-2.9	Same
	Small metro	2016	143.9	2020	148.4	0.5	No change	No progress			148.4	-7.6	Same
	Micropolitan	2016	149.6	2020	151.9	0.1	No change	No progress			151.9	-5.4	Same
	Noncore	2016	153.0	2020	152.9	-0.3	No change	No progress			152.9	-4.8	Same
Age	18-24	2016	153.6	2020	154.5	-0.2	No change	No progress	======	======	======	======	======
	10-14	2016	161.0	2020	144.6	-2.6	Improving	12 years	18-24	154.5	144.6	-6.4	Same
	15-17	2016	140.6	2020	133.9	-1.5	Improving	17 years			133.9	-13.3	Better
	25-34	2016	151.3	2020	151.4	-0.3	No change	No progress			151.4	-2.0	Same
	35-54	2016	193.3	2020	188.4	-0.8	No change	No progress			188.4	21.9	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.

Measure Category: 5. Patient Safety, Subcategory: 6. Inappropriate Treatment

Appendix Table 5.6.1. Adults age 65 and over who received in the calendar year at least 1 of 11 prescription medications that should be avoided in older adults

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	3.3	2020	1.4	-5.5	Improving	======	======	======	======	======	======
Race	Asian	2003	0.0	2018	0.0	------	------	======	------	------	------	------	------
	Black	2006	2.1	2016	1.9	-4.3	No change	======			------	------	------
	Multiple races	2017	0.0	2017	0.0	------	------	======			------	------	------
	White	2002	3.3	2020	1.5	-5.3	Improving	======	======	======	======	======	======
Ethnicity	Hispanic, all races	2002	2.7	2004	1.8	------	------	======	------	------	------	------	------
	Non-Hispanic, Asian	2003	0.0	2018	0.0	------	------	======			------	------	------
	Non-Hispanic, Black	2006	2.1	2016	1.9	-2.9	No change	======			------	------	------
	Non-Hispanic, others	2015	0.0	2017	0.0	------	------	======			------	------	------

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, White	2002	3.3	2020	1.5	-5.2	Improving	======		======	======	======	======	======
	Non-Hispanic, all races	2002	3.3	2020	1.4	-5.4	Improving	======		Non-Hispanic, White	1.5	1.4	-6.7	Same
Income	Less than 100% of PL	2002	3.9	2018	1.5	-5.6	Improving	======		------	------	------	------	------
	400% of PL or more	2002	2.2	2020	1.4	-4.7	Improving	======		======	======	======	======	======
	100%-199% of PL	2002	4.7	2020	1.7	-3.7	Improving	======		400% of PL or more	1.4	1.7	21.4	Same
	200%-399% of PL	2002	2.8	2020	1.1	-4.6	Improving	======				1.1	-21.4	Same
Metropolitan status	Medium metro	2002	2.9	2018	1.3	-6.5	Improving	======		------	------	------	------	------
	Nonmetropolitan	2002	3.5	2018	1.5	-4.1	Improving	======				------	------	------
	Micropolitan	2002	3.7	2011	4.0	-0.1	No change	======				------	------	------
	Noncore	2002	3.1	2002	3.1	------	------	======				------	------	------
	Large fringe metro	2002	3.3	2020	1.5	-4.8	Improving	======		======	======	======	======	======
	Metropolitan	2002	3.2	2020	1.4	-5.4	Improving	======		Large fringe metro	1.5	1.4	-6.7	Same
	Large central metro	2002	3.2	2020	1.6	-4.5	Improving	======				1.6	6.7	Same
	Small metro	2020	1.6	2020	1.6	------	------	======				1.6	6.7	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Age	65-69	2002	2.7	2020	1.5	-6.1	Improving	======		======	======	======	======	======
	70-74	2002	3.7	2020	1.2	-6.4	Improving	======		65-69	1.5	1.2	-20.0	Same
	75-79	2002	4.3	2020	1.0	-5.0	Improving	======				1.0	-33.3	Same
	80 and over	2002	2.6	2020	1.7	-3.3	Improving	======				1.7	13.3	Same
Disability status	Without disability	2014	1.3	2020	1.0	-3.2	No change	======		======	======	======	======	======
	With any disability	2013	2.2	2020	2.1	0.6	No change	======		Without disability	1.0	2.1	110.0	Worse
Gender	Male	2002	2.2	2020	0.8	-7.0	Improving	======		======	======	======	======	======
	Female	2002	4.1	2020	1.8	-5.2	Improving	======		Male	0.8	1.8	125.0	Worse
Education	Less than high school graduate	2002	4.1	2019	1.6	-6.6	Improving	======		------	------	------	------	------
	At least some college	2002	2.5	2020	1.4	-5.7	Improving	======		======	======	======	======	======
	High school graduate	2002	3.2	2020	1.6	-4.0	Improving	======		At least some college	1.4	1.6	14.3	Same

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

====== : Not applicable.

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

Appendix Table 5.6.2. Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults

Source: MEPS

Benchmark: Not available

Data year for disparities analysis: 2020

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2002	19.7	2020	10.2	-3.5	Improving	======	======	======	======	======	======
Race	Asian	2005	21.0	2016	7.1	-5.5	Improving	======	------	------	------	------	------
	White	2002	20.1	2020	10.4	-3.4	Improving	======	======	======	======	======	======
	Black	2002	18.8	2020	10.6	-4.1	Improving	======	White	10.4	10.6	1.9	Same
	Multiple races	2019	16.2	2020	17.3	------	------	======			17.3	66.3	Same
Ethnicity	Non-Hispanic, Asian	2005	21.0	2016	6.7	-5.8	Improving	======	------	------	------	------	------
	Non-Hispanic, White	2002	20.2	2020	10.8	-3.2	Improving	======	======	======	======	======	======
	Hispanic, all races	2002	18.1	2020	6.8	-5.3	Improving	======	Non-Hispanic, White	10.8	6.8	-37.0	Better
	Non-Hispanic, all races	2002	19.8	2020	10.5	-3.4	Improving	======			10.5	-2.8	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Black	2002	19.0	2020	10.8	-4.2	Improving	======				10.8	0.0	Same
	Non-Hispanic, others	2015	12.1	2020	18.8	10.9	Worsening	======				18.8	74.1	Worse
Income	400% of PL or more	2002	16.7	2020	10.0	-3.2	Improving	======		======	======	======	======	======
	Less than 100% of PL	2002	23.5	2020	9.9	-3.8	Improving	======		400% of PL or more	10.0	9.9	-1.0	Same
	100%-199% of PL	2002	22.4	2020	10.9	-3.5	Improving	======				10.9	9.0	Same
	200%-399% of PL	2002	19.2	2020	10.1	-3.7	Improving	======				10.1	1.0	Same
Metropolitan status	Large fringe metro	2002	19.7	2020	9.2	-3.2	Improving	======		======	======	======	======	======
	Metropolitan	2002	19.2	2020	10.0	-3.5	Improving	======		Large fringe metro	9.2	10.0	8.7	Same
	Large central metro	2002	18.0	2020	9.7	-4.0	Improving	======				9.7	5.4	Same
	Medium metro	2002	19.8	2020	10.9	-3.4	Improving	======				10.9	18.5	Same
	Small metro	2002	20.4	2020	10.8	-3.3	Improving	======				10.8	17.4	Same
	Nonmetropolitan	2002	21.6	2020	11.2	-3.4	Improving	======				11.2	21.7	Same
	Micropolitan	2002	22.7	2020	10.7	-3.5	Improving	======				10.7	16.3	Same
	Noncore	2002	19.8	2020	12.0	-3.5	Improving	======				12.0	30.4	Same
Age	65-69	2002	17.0	2020	11.6	-2.7	Improving	======		======	======	======	======	======

Measure Category: 5. Patient Safety, Subcategory: 6. Inappropriate Treatment

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	70-74	2002	20.6	2020	10.4	-3.0	Improving	======		65-69	11.6	10.4	-10.3	Same
	75-79	2002	20.0	2020	10.3	-3.9	Improving	======				10.3	-11.2	Same
	80 and over	2002	21.3	2020	8.0	-5.2	Improving	======				8.0	-31.0	Better
Disability status	Without disability	2013	9.6	2020	7.4	-3.8	Improving	======		======	======	======	======	======
	With any disability	2013	15.1	2020	15.3	-0.8	No change	======		Without disability	7.4	15.3	106.8	Worse
Gender	Male	2002	15.9	2020	8.6	-3.2	Improving	======		======	======	======	======	======
	Female	2002	22.5	2020	11.5	-3.7	Improving	======		Male	8.6	11.5	33.7	Worse
Education	At least some college	2002	17.7	2020	10.1	-3.0	Improving	======		======	======	======	======	======
	Less than high school graduate	2002	21.9	2020	8.7	-4.5	Improving	======		At least some college	10.1	8.7	-13.9	Same
	High school graduate	2002	19.6	2020	11.1	-3.4	Improving	======				11.1	9.9	Same

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

====== : Not applicable.

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

Measure Category: 5. Patient Safety, Subcategory: 7. Supportive and Palliative Care

Appendix Table 5.7.1. High-risk, long-stay nursing home patients with stages 2-4 pressure ulcer or unstable pressure ulcer

Source: MDS

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	2020	7.4	2021	6.9	------	------	======	======	======	======	======	======
Race	White	2020	6.7	2021	6.3	------	------	======	======	======	======	======	======
	AI/AN	2020	9.6	2021	8.2	------	------	======	White	6.3	8.2	29.8	Worse
	Asian	2020	6.0	2021	5.3	------	------	======			5.3	-16.4	Better
	NHPI	2020	8.0	2021	6.8	------	------	======			6.8	7.6	Same
	Black	2020	10.1	2021	9.5	------	------	======			9.5	49.2	Worse
	Multiple races	2020	8.4	2021	7.4	------	------	======			7.4	16.1	Same
Ethnicity	Non-Hispanic, White	2020	6.7	2021	6.3	------	------	======	======	======	======	======	======
	Hispanic, all races	2020	7.5	2021	7.0	------	------	======	Non-Hispanic, White	6.3	7.0	9.6	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, AI/AN	2020	9.6	2021	8.2	------	------	======			8.2	29.8	Worse
	Non-Hispanic, Asian	2020	6.0	2021	5.3	------	------	======			5.3	-16.4	Better
	Non-Hispanic, NHPI	2020	8.0	2021	6.8	------	------	======			6.8	7.6	Same
	Non-Hispanic, Black	2020	10.1	2021	9.5	------	------	======			9.5	49.2	Worse
	Non-Hispanic, multiple races	2020	8.4	2021	7.4	------	------	======			7.4	16.1	Same
Metropolitan status	Metropolitan	2020	7.5	2021	7.0	------	------	======	======	======	======	======	======
	Non-Metropolitan	2020	6.9	2021	6.5	------	------	======	Metropolitan	7.0	6.5	-7.5	Same
Age	0-64	2020	9.8	2021	9.5	------	------	======	======	======	======	======	======
	65-74	2020	8.2	2021	7.5	------	------	======	0-64	9.5	7.5	-20.9	Better
	75-84	2020	7.2	2021	6.8	------	------	======			6.8	-28.9	Better
	85 and over	2020	6.0	2021	5.5	------	------	======			5.5	-42.5	Better
Gender	Male	2020	8.7	2021	8.3	------	------	======	======	======	======	======	======
	Female	2020	6.7	2021	6.2	------	------	======	Male	8.3	6.2	-25.1	Better

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

====== : Not applicable.

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

Appendix Table 5.7.2. Low-risk, long-stay nursing home residents with a catheter inserted and left in the bladder

Source: MDS

Benchmark: 2.1 in 2015

Data year for disparities analysis: 2021

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	3.4	2021	2.8	-3.2	Improving	7 years	======	======	======	======	======
Race	White	2013	3.4	2021	2.8	-2.8	Improving	9 years	======	======	======	======	======
	AI/AN	2013	3.7	2021	3.1	-3.1	Improving	9 years	White	2.8	3.1	8.1	Same
	Asian	2013	2.6	2021	2.0	-3.0	Improving	Reached			2.0	-31.0	Better
	NHPI	2013	4.6	2021	2.6	-4.8	Improving	No progress			2.6	-7.7	Same
	Black	2013	3.6	2021	2.5	-5.0	Improving	3 years			2.5	-12.3	Better
	Multiple races	2013	3.3	2021	2.7	-2.4	Improving	8 years			2.7	-3.9	Same
Ethnicity	Non-Hispanic, White	2013	3.4	2021	2.8	-2.8	Improving	9 years	======	======	======	======	======
	Hispanic, all races	2013	3.4	2021	2.8	-3.1	Improving	7 years	Non-Hispanic, White	2.8	2.8	-3.2	Same
	Non-Hispanic, AI/AN	2013	3.7	2021	3.1	-3.1	Improving	9 years			3.1	8.1	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Asian	2013	2.6	2021	2.0	-3.0	Improving	Reached			2.0	-31.0	Better
	Non-Hispanic, NHPI	2013	4.6	2021	2.6	-4.8	Improving	No progress			2.6	-7.7	Same
	Non-Hispanic, Black	2013	3.6	2021	2.5	-5.0	Improving	3 years			2.5	-12.3	Better
	Non-Hispanic, multiple races	2013	3.3	2021	2.7	-2.4	Improving	8 years			2.7	-3.9	Same
Metropolitan status	Metropolitan	2013	3.4	2021	2.8	-3.2	Improving	7 years	======	======	======	======	======
	Non-Metropolitan	2013	3.3	2021	2.7	-3.2	Improving	7 years	Metropolitan	2.8	2.7	-1.4	Same
Age	0-64	2013	4.5	2021	2.7	-7.0	Improving	2 years	======	======	======	======	======
	65-74	2013	4.1	2021	3.0	-4.5	Improving	6 years	0-64	2.7	3.0	13.5	Worse
	75-84	2013	3.5	2021	3.0	-2.4	Improving	12 years			3.0	13.1	Worse
	85 and over	2013	2.7	2021	2.4	-2.0	Improving	6 years			2.4	-10.1	Better
Gender	Male	2013	5.7	2021	4.8	-2.5	Improving	More than 20 years	======	======	======	======	======
	Female	2013	2.3	2021	1.5	-6.0	Improving	Reached	Male	4.8	1.5	-68.6	Better

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

====== : Not applicable.

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

Appendix Table 5.7.3. Long-stay nursing home residents with a urinary tract infection

Source: MDS

Benchmark: 2.8 in 2015

Data year for disparities analysis: 2021

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	4.9	2021	1.7	-13.6	Improving	Reached		======	======	======	======	======
Race	White	2013	5.2	2021	1.9	-13.1	Improving	Reached		======	======	======	======	======
	AI/AN	2013	5.2	2021	2.0	-12.1	Improving	Reached		White	1.9	2.0	7.5	Same
	Asian	2013	3.4	2021	0.9	-15.6	Improving	Reached				0.9	-50.3	Better
	NHPI	2013	4.3	2021	1.1	-15.9	Improving	Reached				1.1	-41.2	Better
	Black	2013	3.5	2021	1.2	-13.7	Improving	Reached				1.2	-38.5	Better
	Multiple races	2013	3.8	2021	1.2	-16.7	Improving	Reached				1.2	-34.2	Better
Ethnicity	Non-Hispanic, White	2013	5.2	2021	1.9	-13.1	Improving	Reached		======	======	======	======	======
	Hispanic, all races	2013	4.3	2021	1.0	-17.5	Improving	Reached		Non-Hispanic, White	1.9	1.0	-49.2	Better
	Non-Hispanic, AI/AN	2013	5.2	2021	2.0	-12.1	Improving	Reached				2.0	7.5	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Non-Hispanic, Asian	2013	3.4	2021	0.9	-15.6	Improving	Reached				0.9	-50.3	Better
	Non-Hispanic, NHPI	2013	4.3	2021	1.1	-15.9	Improving	Reached				1.1	-41.2	Better
	Non-Hispanic, Black	2013	3.5	2021	1.2	-13.7	Improving	Reached				1.2	-38.5	Better
	Non-Hispanic, multiple races	2013	3.8	2021	1.2	-16.7	Improving	Reached				1.2	-34.2	Better
Metropolitan status	Metropolitan	2013	4.7	2021	1.5	-14.3	Improving	Reached		======	======	======	======	======
	Non-Metropolitan	2013	5.5	2021	2.3	-11.3	Improving	Reached		Metropolitan	1.5	2.3	56.8	Worse
Age	0-64	2013	3.7	2021	1.3	-13.0	Improving	Reached		======	======	======	======	======
	65-74	2013	4.5	2021	1.5	-13.6	Improving	Reached		0-64	1.3	1.5	19.0	Worse
	75-84	2013	5.2	2021	1.8	-13.3	Improving	Reached				1.8	46.0	Worse
	85 and over	2013	5.3	2021	1.9	-13.3	Improving	Reached				1.9	48.4	Worse
Gender	Male	2013	3.7	2021	1.3	-12.6	Improving	Reached		======	======	======	======	======
	Female	2013	5.4	2021	1.9	-13.7	Improving	Reached		Male	1.3	1.9	39.8	Worse

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

====== : Not applicable.

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

Appendix Table 5.7.4. Long-stay nursing home patients experiencing one or more falls with major injury

Source: MDS

Benchmark: 0.4 in 2015

Data year for disparities analysis: 2021

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	0.6	2021	0.6	-1.1	Improving	No progress		======	======	======	======	======
Race	Multiple races	2013	0.6	2020	0.5	-2.2	No change	No progress		------	------	------	------	------
	White	2013	0.7	2021	0.7	-0.7	No change	No progress		======	======	======	======	======
	AI/AN	2013	0.8	2021	0.7	-0.8	No change	No progress		White	0.7	0.7	8.8	Same
	Asian	2013	0.4	2021	0.3	-1.0	No change	No progress				0.3	-50.0	Better
	Black	2013	0.2	2021	0.2	-0.5	No change	No progress				0.2	-64.7	Better
Ethnicity	Non-Hispanic, multiple races	2013	0.6	2020	0.5	-2.2	No change	No progress		------	------	------	------	------
	Non-Hispanic, White	2013	0.7	2021	0.7	-0.7	No change	No progress		======	======	======	======	======
	Hispanic, all races	2013	0.5	2021	0.4	-2.0	Improving	No progress		Non-Hispanic, White	0.7	0.4	-38.2	Better
	Non-Hispanic, AI/AN	2013	0.8	2021	0.7	-0.8	No change	No progress				0.7	8.8	Same
	Non-Hispanic, Asian	2013	0.4	2021	0.3	-1.0	No change	No progress				0.3	-50.0	Better
	Non-Hispanic, Black	2013	0.2	2021	0.2	-0.5	No change	No progress				0.2	-64.7	Better

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Metropolitan status	Metropolitan	2013	0.6	2021	0.5	-1.1	Improving	No progress		======	======	======	======	======
	Non-Metropolitan	2013	0.8	2021	0.8	-0.6	No change	No progress		Metropolitan	0.5	0.8	48.1	Worse
Age	0-64	2013	0.4	2021	0.3	-1.7	Improving	No progress		======	======	======	======	======
	65-74	2013	0.5	2021	0.4	-1.8	Improving	Reached		0-64	0.3	0.4	35.5	Worse
	75-84	2013	0.6	2021	0.6	-0.5	No change	No progress				0.6	96.8	Worse
	85 and over	2013	0.7	2021	0.8	0.6	No change	No progress				0.8	164.5	Worse
Gender	Male	2013	0.4	2021	0.4	-1.6	Improving	No progress		======	======	======	======	======
	Female	2013	0.7	2021	0.7	-0.5	No change	No progress		Male	0.4	0.7	61.9	Worse

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

====== : Not applicable.

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

Appendix Table 5.7.5. Short-stay nursing home patients with pressure ulcers that are new or worsened

Source: MDS

Benchmark: 0.3 in 2015

Data for Disparities are not available

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

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Total	Total	2013	0.7	2018	0.2	-16.7	Improving	Reached	======	======	======	======	======
Race	AI/AN	2013	0.9	2018	0.3	-18.2	Improving	Reached	------	------	------	------	------
	Asian	2013	0.5	2018	0.2	-16.8	Improving	Reached			------	------	------
	NHPI	2013	0.9	2018	0.3	-16.0	Improving	Reached			------	------	------
	Black	2013	0.9	2018	0.3	-16.4	Improving	0 years			------	------	------
	Multiple races	2013	0.6	2018	0.2	-20.4	Improving	Reached			------	------	------
	White	2013	0.7	2018	0.2	-16.2	Improving	Reached	======	======	======	======	======
Ethnicity	Hispanic, all races	2013	0.6	2018	0.2	-16.8	Improving	Reached	------	------	------	------	------
	Non-Hispanic, AI/AN	2013	0.9	2018	0.3	-18.2	Improving	Reached			------	------	------
	Non-Hispanic, Asian	2013	0.5	2018	0.2	-16.8	Improving	Reached			------	------	------
	Non-Hispanic, NHPI	2013	0.9	2018	0.3	-16.0	Improving	Reached			------	------	------
	Non-Hispanic, Black	2013	0.9	2018	0.3	-16.4	Improving	0 years			------	------	------
	Non-Hispanic, multiple races	2013	0.6	2018	0.2	-20.4	Improving	Reached			------	------	------
	Non-Hispanic, White	2013	0.7	2018	0.2	-16.2	Improving	Reached	======	======	======	======	======
Metropolitan status	Non-Metropolitan	2013	0.8	2018	0.3	-15.5	Improving	Reached	------	------	------	------	------
	Metropolitan	2013	0.7	2018	0.2	-16.6	Improving	Reached	======	======	======	======	======
Age	65-74	2013	0.6	2018	0.2	-15.7	Improving	Reached	------	------	------	------	------

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark		Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	75-84	2013	0.7	2018	0.2	-16.4	Improving	Reached				------	------	------
	85 and over	2013	0.8	2018	0.3	-16.2	Improving	Reached				------	------	------
	0-64	2013	0.6	2018	0.2	-16.0	Improving	Reached		======	======	======	======	======
Gender	Female	2013	0.6	2018	0.2	-16.6	Improving	Reached		------	------	------	------	------
	Male	2013	0.8	2018	0.3	-16.3	Improving	Reached		======	======	======	======	======

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

====== : Not applicable.

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

Measure Category: 5. Patient Safety, Subcategory: 8. Home Health Communication

Appendix Table 5.8.1. Adults who reported a home health care provider talking with them about how to set up their home so they can move around safely when they first started getting home health care

Source: HHCAHPS

Benchmark: 80.1 in 2015

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	2012	74.2	2022	75.7	-0.4	No change	No progress	======	======	======	======	======
Race	White	2012	74.8	2022	76.4	-0.4	No change	No progress	======	======	======	======	======
	AI/AN	2012	72.8	2022	73.8	-0.1	No change	No progress	White	76.4	73.8	11.0	Worse
	Asian	2012	74.2	2022	74.2	-0.1	No change	No progress			74.2	9.3	Same
	NHPI	2012	73.6	2022	74.5	-0.6	No change	No progress			74.5	8.1	Same
	Black	2012	72.5	2022	72.1	0.3	No change	No progress			72.1	18.2	Worse
	Multiple races	2012	72.6	2022	69.0	1.9	Worsening	No progress			69.0	31.4	Worse
Ethnicity	Non-Hispanic, all races	2012	74.4	2022	75.9	-0.4	No change	No progress	======	======	======	======	======
	Hispanic, all races	2012	75.0	2022	75.1	0.3	No change	No progress	Non-Hispanic, all races	75.9	75.1	3.3	Same
Age	18-44	2012	67.2	2022	68.8	-0.4	No change	More than 20 years	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	45-64	2012	72.9	2022	74.5	-0.5	No change	More than 20 years	18-44	68.8	74.5	-18.3	Better
	65 and over	2012	74.5	2022	75.9	-0.4	No change	No progress			75.9	-22.8	Better
Education	At least some college	2012	72.3	2022	74.6	-0.7	No change	More than 20 years	======	======	======	======	======
	Less than high school graduate	2012	76.7	2022	77.9	-0.3	No change	No progress	At least some college	74.6	77.9	-13.0	Better
	High school graduate	2012	75.2	2022	77.2	-0.7	No change	No progress			77.2	-10.2	Better

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

====== : Not applicable.

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

Appendix Table 5.8.2. Adults who reported a home health care provider talking with them about all the prescription and over-the-counter medicines they were taking when they first started getting home health care

Source: HHCAHPS

Benchmark: 88.2 in 2015

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	2012	83.8	2022	83.2	0.6	No change	No progress	======	======	======	======	======
Race	White	2012	83.8	2022	83.2	0.5	No change	No progress	======	======	======	======	======
	AI/AN	2012	83.9	2022	83.3	0.7	No change	No progress	White	83.2	83.3	-0.6	Same
	Asian	2012	82.5	2022	81.9	0.4	No change	No progress			81.9	7.7	Same
	NHPI	2012	84.7	2022	83.8	0.5	No change	No progress			83.8	-3.6	Same
	Black	2012	86.8	2022	86.3	0.5	No change	No progress			86.3	-18.5	Better
	Multiple races	2012	84.0	2022	82.0	1.2	Worsening	No progress			82.0	7.1	Same
Ethnicity	Non-Hispanic, all races	2012	83.8	2022	83.4	0.4	No change	No progress	======	======	======	======	======
	Hispanic, all races	2012	87.7	2022	84.8	2.6	Worsening	No progress	Non-Hispanic, all races	83.4	84.8	-8.4	Same
Age	18-44	2012	85.9	2022	85.9	0.1	No change	No progress	======	======	======	======	======
	45-64	2012	86.6	2022	86.2	0.6	No change	No progress	18-44	85.9	86.2	-2.1	Same
	65 and over	2012	83.4	2022	82.9	0.5	No change	No progress			82.9	21.3	Worse
Education	At least some college	2012	82.0	2022	81.9	0.2	No change	No progress	======	======	======	======	======
	Less than high school graduate	2012	86.8	2022	86.5	0.4	No change	No progress	At least some college	81.9	86.5	-25.4	Better
	High school graduate	2012	84.4	2022	84.7	0.0	No change	No progress			84.7	-15.5	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 a core measure. More information and data are available at https://datatools.ahrq.gov/nhqdr.

Appendix Table 5.8.3. Adults who reported a home health care provider asking to see all the prescription and over-the-counter medicines they were taking, when they first started getting home health care

Source: HHCAHPS

Benchmark: 85.5 in 2015

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	2012	78.8	2022	73.3	2.5	Worsening	No progress	======	======	======	======	======
Race	White	2012	77.2	2022	71.9	2.2	Worsening	No progress	======	======	======	======	======
	AI/AN	2012	85.7	2022	80.2	3.4	Worsening	No progress	White	71.9	80.2	-29.5	Better
	Asian	2012	83.2	2022	79.1	2.3	Worsening	No progress			79.1	-25.6	Better
	NHPI	2012	87.2	2022	81.1	3.4	Worsening	No progress			81.1	-32.7	Better
	Black	2012	90.4	2022	85.2	4.6	Worsening	No progress			85.2	-47.3	Better
	Multiple races	2012	83.9	2022	75.3	3.9	Worsening	No progress			75.3	-12.1	Better
Ethnicity	Non-Hispanic, all races	2012	78.0	2022	72.7	2.3	Worsening	No progress	======	======	======	======	======
	Hispanic, all races	2012	89.2	2022	82.3	5.5	Worsening	No progress	Non-Hispanic, all races	72.7	82.3	-35.2	Better
Age	18-44	2012	83.7	2022	80.3	2.4	Worsening	No progress	======	======	======	======	======
	45-64	2012	84.7	2022	80.3	2.8	Worsening	No progress	18-44	80.3	80.3	0.0	Same
	65 and over	2012	78.0	2022	72.5	2.4	Worsening	No progress			72.5	39.6	Worse

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
Education	At least some college	2012	72.3	2022	68.0	1.6	Worsening	No progress	======	======	======	======	======
	Less than high school graduate	2012	87.4	2022	84.7	2.2	Worsening	No progress	At least some college	68.0	84.7	-52.2	Better
	High school graduate	2012	80.0	2022	77.1	1.5	Worsening	No progress			77.1	-28.4	Better

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

====== : Not applicable.

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

Appendix Table 5.8.4. Adults who reported that home health care providers talked with them about the purpose of taking their new or changed prescription medicines in the last 2 months of care

Source: HHCAHPS

Benchmark: 35.9 in 2015

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	2012	33.1	2022	29.6	0.5	No change	No progress	======	======	======	======	======
Race	White	2012	33.4	2022	30.1	0.5	No change	No progress	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	AI/AN	2012	36.6	2022	31.6	0.8	No change	No progress	White	30.1	31.6	-2.1	Same
	Asian	2012	29.6	2022	27.0	0.3	No change	No progress			27.0	4.4	Same
	NHPI	2012	35.3	2022	30.8	0.7	No change	No progress			30.8	-1.0	Same
	Black	2012	32.7	2022	27.8	0.7	No change	No progress			27.8	3.3	Same
	Multiple races	2012	36.8	2022	30.4	1.1	Worsening	No progress			30.4	-0.4	Same
Ethnicity	Non-Hispanic, all races	2012	33.4	2022	30.0	0.5	No change	No progress	======	======	======	======	======
	Hispanic, all races	2012	32.6	2022	27.2	0.8	No change	No progress	Non-Hispanic, all races	30.0	27.2	4.0	Same
Age	18-44	2012	35.5	2022	30.7	0.8	No change	No progress	======	======	======	======	======
	45-64	2012	39.8	2022	34.1	0.9	No change	No progress	18-44	30.7	34.1	-4.9	Same
	65 and over	2012	32.1	2022	29.1	0.4	No change	No progress			29.1	2.3	Same
Education	At least some college	2012	33.2	2022	30.0	0.4	No change	No progress	======	======	======	======	======
	Less than high school graduate	2012	33.7	2022	29.7	0.6	No change	No progress	At least some college	30.0	29.7	0.4	Same
	High school graduate	2012	33.0	2022	29.4	0.5	No change	No progress			29.4	0.9	Same

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

====== : Not applicable.

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

Appendix Table 5.8.5. Adults who reported that home health care providers talked with them about when to take medicines in the last 2 months of care

Source: HHCAHPS

Benchmark: 33.9 in 2015

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	2012	30.7	2022	26.4	0.6	No change	No progress	======	======	======	======	======
Race	White	2012	30.7	2022	26.7	0.6	No change	No progress	======	======	======	======	======
	AI/AN	2012	35.3	2022	29.9	0.9	No change	No progress	White	26.7	29.9	-4.4	Same
	Asian	2012	29.0	2022	25.1	0.5	No change	No progress			25.1	2.2	Same
	NHPI	2012	34.6	2022	29.1	0.8	No change	No progress			29.1	-3.3	Same
	Black	2012	31.7	2022	26.0	0.8	No change	No progress			26.0	1.0	Same
	Multiple races	2012	35.4	2022	27.8	1.2	Worsening	No progress			27.8	-1.5	Same
Ethnicity	Non-Hispanic, all races	2012	30.8	2022	26.6	0.6	No change	No progress	======	======	======	======	======
	Hispanic, all races	2012	32.3	2022	25.9	0.9	No change	No progress	Non-Hispanic, all races	26.6	25.9	1.0	Same
Age	18-44	2012	33.6	2022	28.5	0.8	No change	No progress	======	======	======	======	======
	45-64	2012	37.5	2022	31.4	0.9	No change	No progress	18-44	28.5	31.4	-4.1	Same
	65 and over	2012	29.7	2022	25.9	0.5	No change	No progress			25.9	3.6	Same
Education	At least some college	2012	30.2	2022	26.3	0.5	No change	No progress	======	======	======	======	======

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Less than high school graduate	2012	32.3	2022	27.9	0.6	No change	No progress	At least some college	26.3	27.9	-2.2	Same
	High school graduate	2012	30.5	2022	26.5	0.6	No change	No progress			26.5	-0.3	Same

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

====== : Not applicable.

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

Appendix Table 5.8.6. Adults who reported that home health care providers talked with them about the side effects of medicines in the last 2 months of care

Source: HHCAHPS

Benchmark: 29.5 in 2015

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	2012	26.4	2022	22.3	0.5	No change	No progress	======	======	======	======	======
Race	White	2012	26.4	2022	22.6	0.5	No change	No progress	======	======	======	======	======
	AI/AN	2012	30.9	2022	24.7	0.8	No change	No progress	White	22.6	24.7	-2.7	Same
	Asian	2012	25.2	2022	21.7	0.4	No change	No progress			21.7	1.2	Same
	NHPI	2012	30.4	2022	24.6	0.8	No change	No progress			24.6	-2.6	Same

Population Category	Subgroup	Baseline Year	Baseline Estimate	Current Year	Current Estimate	Average Annual Change %	Change Over Time	Years to Benchmark	Reference Group	Estimate for Reference Group	Estimate for Comparison Group	Relative Difference	Disparities
	Black	2012	27.1	2022	21.3	0.7	No change	No progress			21.3	1.7	Same
	Multiple races	2012	30.1	2022	22.2	1.1	Worsening	No progress			22.2	0.5	Same
Ethnicity	Non-Hispanic, all races	2012	26.5	2022	22.5	0.5	No change	No progress	======	======	======	======	======
	Hispanic, all races	2012	28.9	2022	22.1	0.9	No change	No progress	Non-Hispanic, all races	22.5	22.1	0.5	Same
Age	18-44	2012	29.6	2022	24.2	0.7	No change	No progress	======	======	======	======	======
	45-64	2012	32.7	2022	26.9	0.8	No change	No progress	18-44	24.2	26.9	-3.6	Same
	65 and over	2012	25.5	2022	21.8	0.5	No change	No progress			21.8	3.2	Same
Education	At least some college	2012	26.0	2022	22.3	0.5	No change	No progress	======	======	======	======	======
	Less than high school graduate	2012	28.0	2022	23.6	0.6	No change	No progress	At least some college	22.3	23.6	-1.7	Same
	High school graduate	2012	26.1	2022	22.2	0.5	No change	No progress			22.2	0.1	Same

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

====== : Not applicable.

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