

2016
National Healthcare
Quality
and **Disparities**
Report



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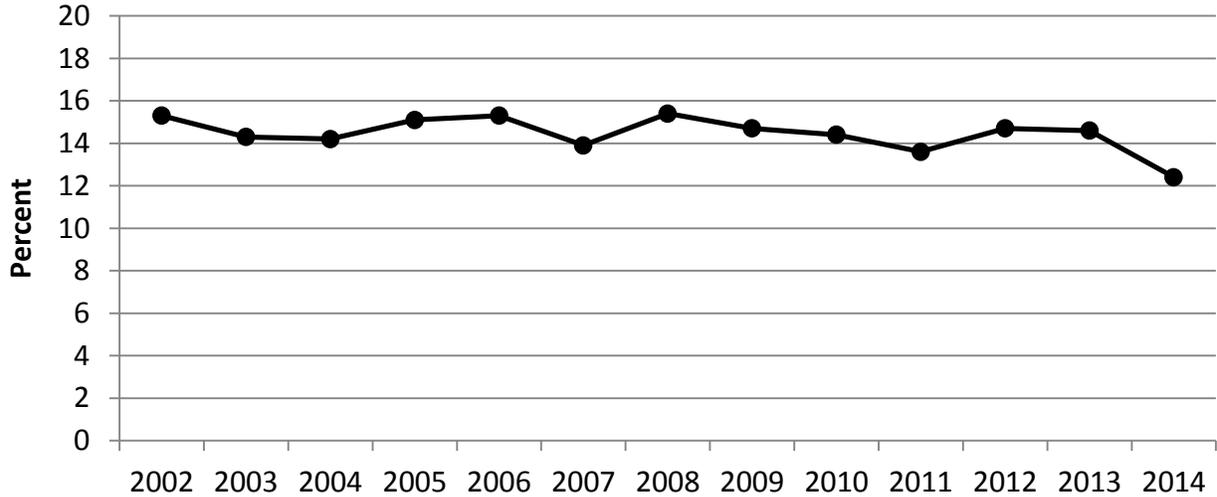


APPENDIX A. SELECTED MEASURE DATA

Trends in Access

Graph 1: Access

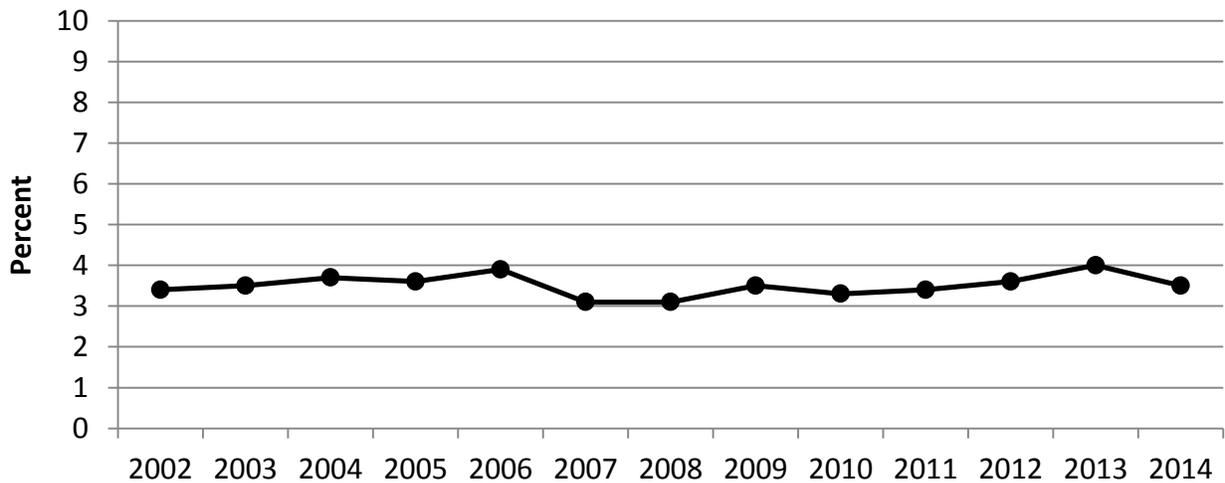
No change overall: Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed, 2002-2014



Source: Agency for Healthcare Research and Quality, Medical Expenditure Panel Survey, 2002-2014.

Note: For this measure, lower rates are better.

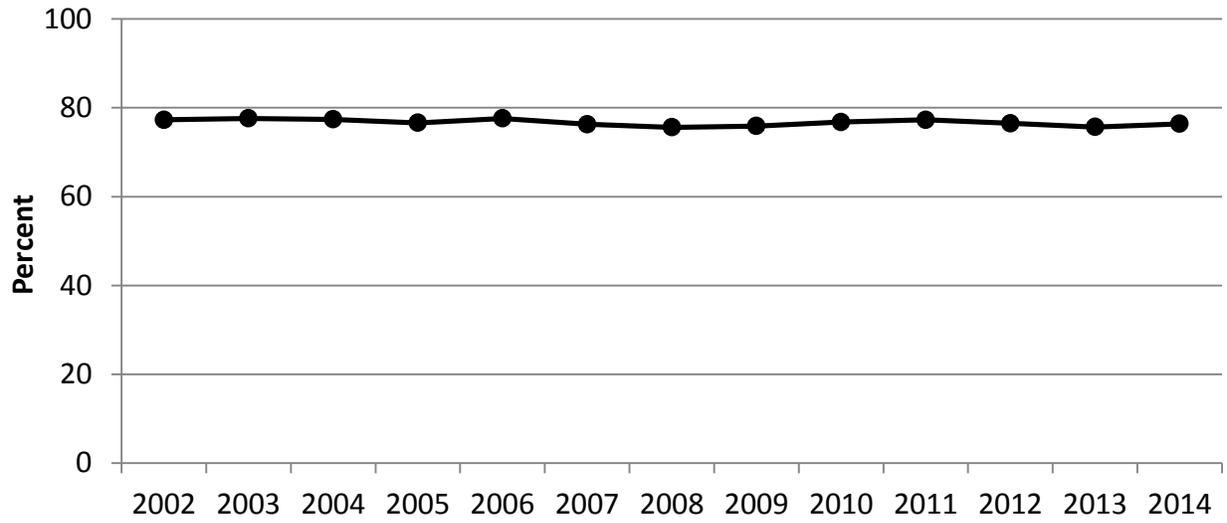
No change overall: People who were unable to get or delayed in getting needed prescription medicines in the last 12 months, 2002-2014



Source: Agency for Healthcare Research and Quality, Medical Expenditure Panel Survey, 2002-2014.

Note: For this measure, lower rates are better.

No change overall: People with a usual primary care provider, 2002-2014



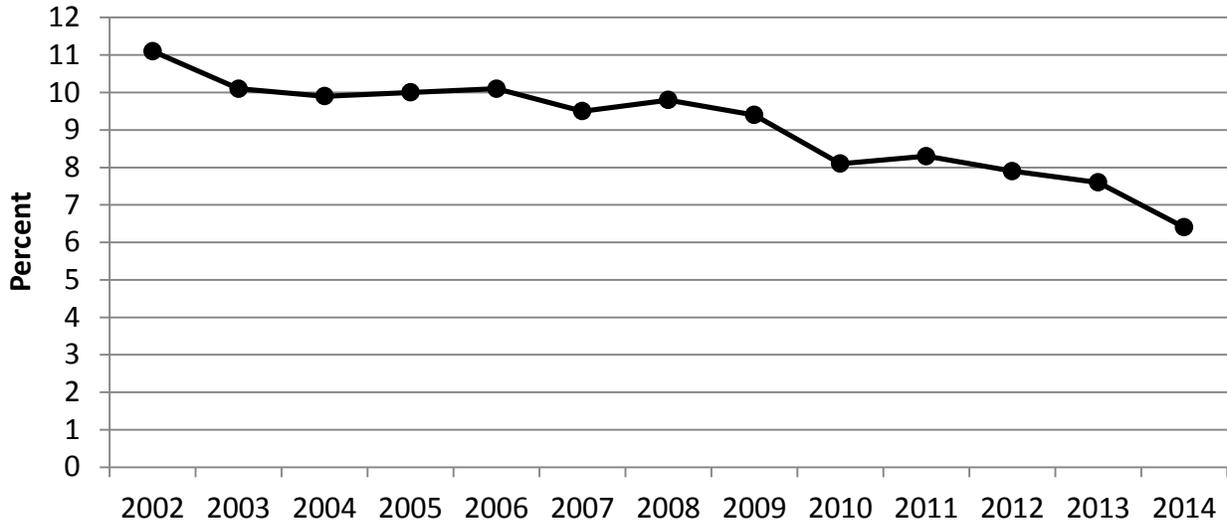
Source: Agency for Healthcare Research and Quality, Medical Expenditure Panel Survey, 2002-2014.

Note: For this measure, lower rates are better.

Trends in Quality

Graph 2: Person-Centered Care

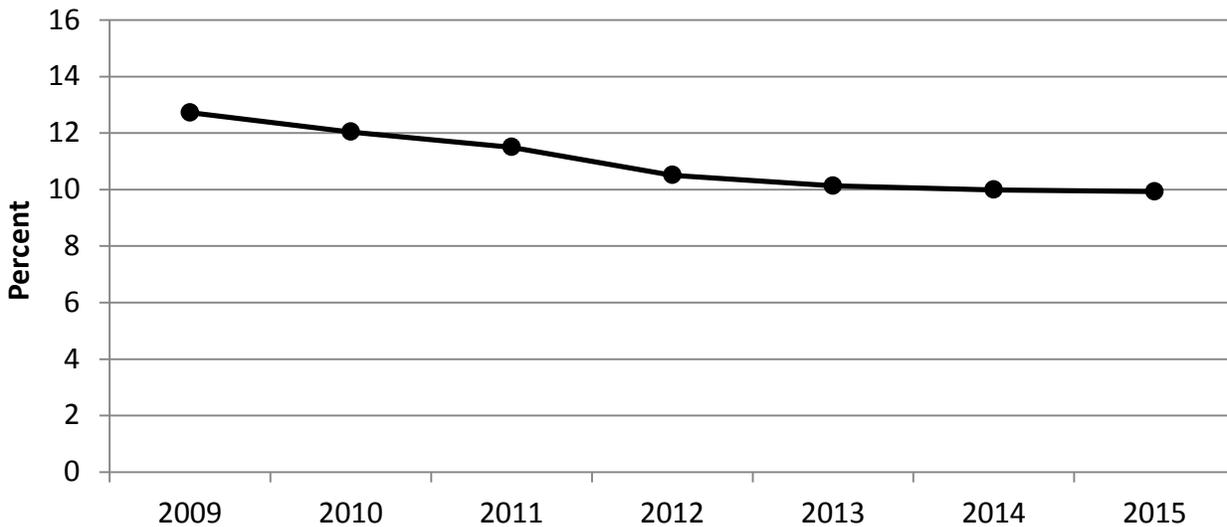
Improving overall: National composite measure: Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully, explained things clearly, respected what they had to say, and spent enough time with them, 2002-2014



Source: Agency for Healthcare Research and Quality, Medical Expenditure Panel Survey, 2002-2014.

Note: For this measure, lower rates are better.

Improving overall: Adult hospital patients who sometimes or never had good communication about medications they received in the hospital, 2009-2015

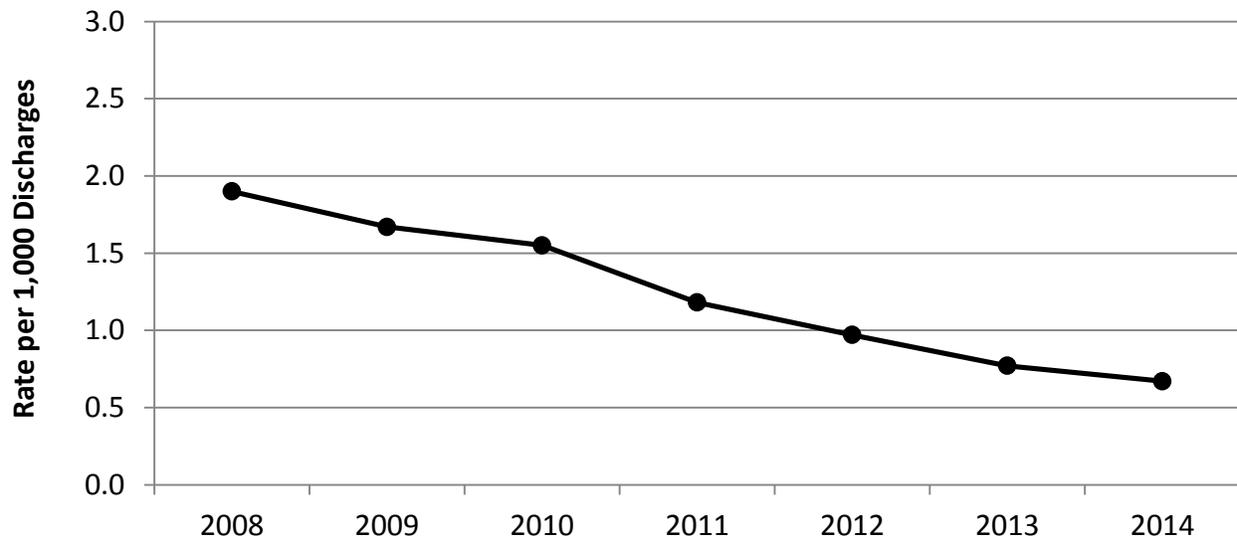


Source: Centers for Medicare & Medicaid Services, Hospital Consumer Assessment of Healthcare Providers and Systems, 2009-2015.

Note: For this measure, lower rates are better. Good communication about medications means hospital staff explained clearly about effects and possible side effects of medications.

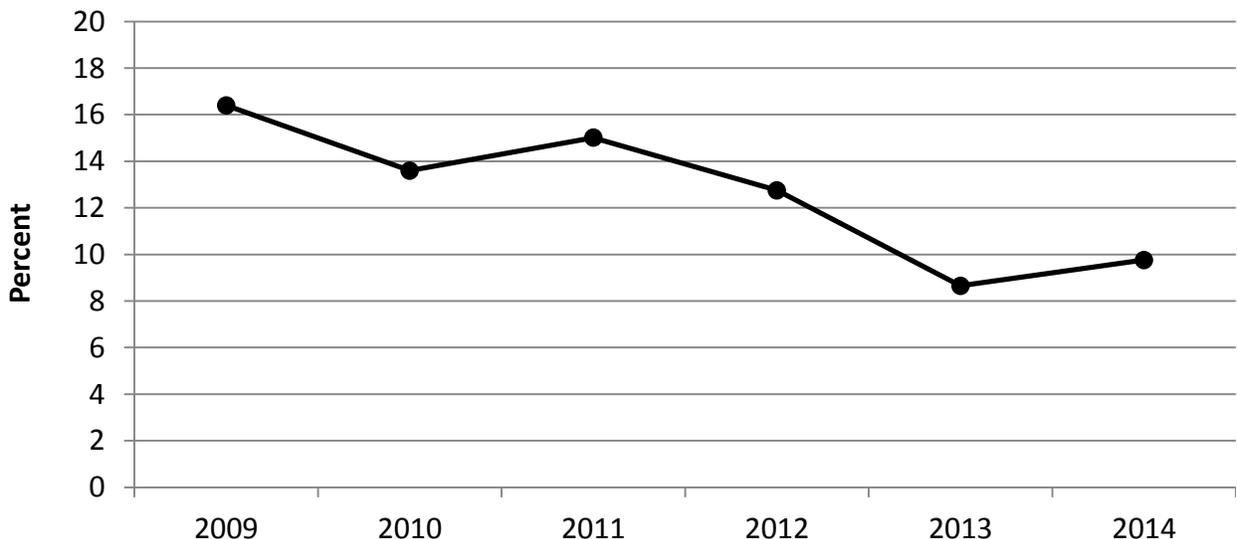
Graph 3: Patient Safety

Improving overall: 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



Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP), Nationwide Inpatient Sample (NIS), 2008-2011; State Inpatient Databases (SID), 2012-2014, weighted to provide national estimates using the same methodology as the 2008-2011 NIS; and AHRQ Quality Indicators (QIs), version 4.4. For more information on the sampling approach and included States, see the HCUP Methods Series Report on methods applying AHRQ QIs to HCUP data for the 2015 QDR (www.hcup-us.ahrq.gov/reports/methods/methods.jsp).
Note: For this measure, lower rates are better.

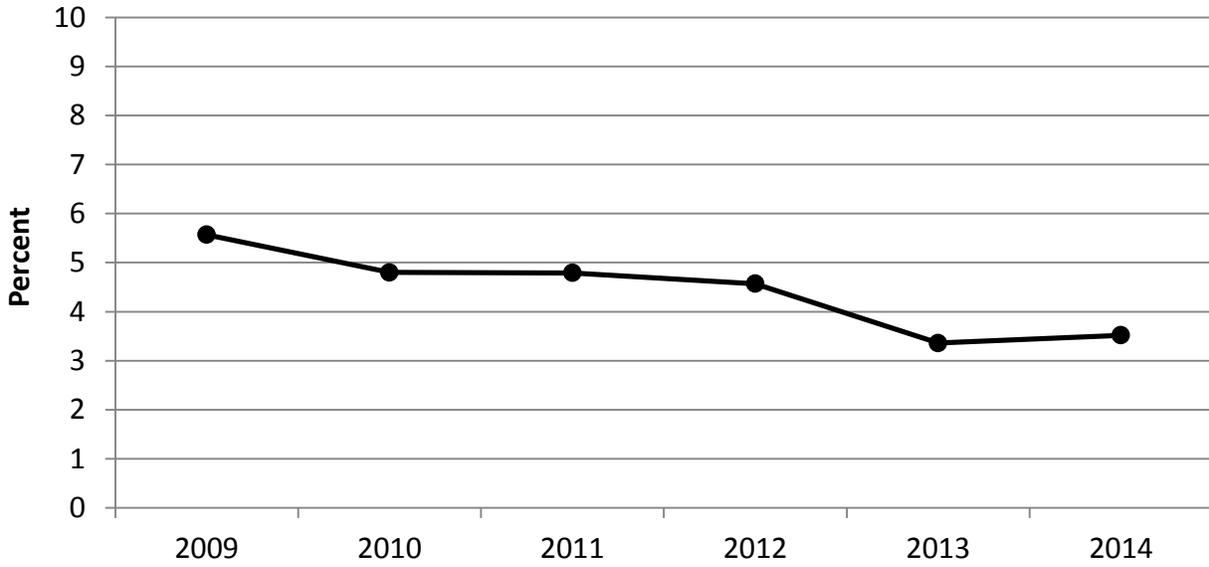
Improving overall: Adult patients receiving hip joint replacement due to fracture with adverse events, age 18 and over, overall



Source: Agency for Healthcare Research and Quality and Centers for Medicare & Medicaid Services, Medicare Patient Safety Monitoring System, 2009-2014.
Note: For this measure, lower rates are better.

Graph 4: Patient Safety

Improving overall: Hospital patients with an anticoagulant-related adverse drug event to low-molecular-weight heparin (LMWH) and factor Xa, age 18 and over, 2009-2014

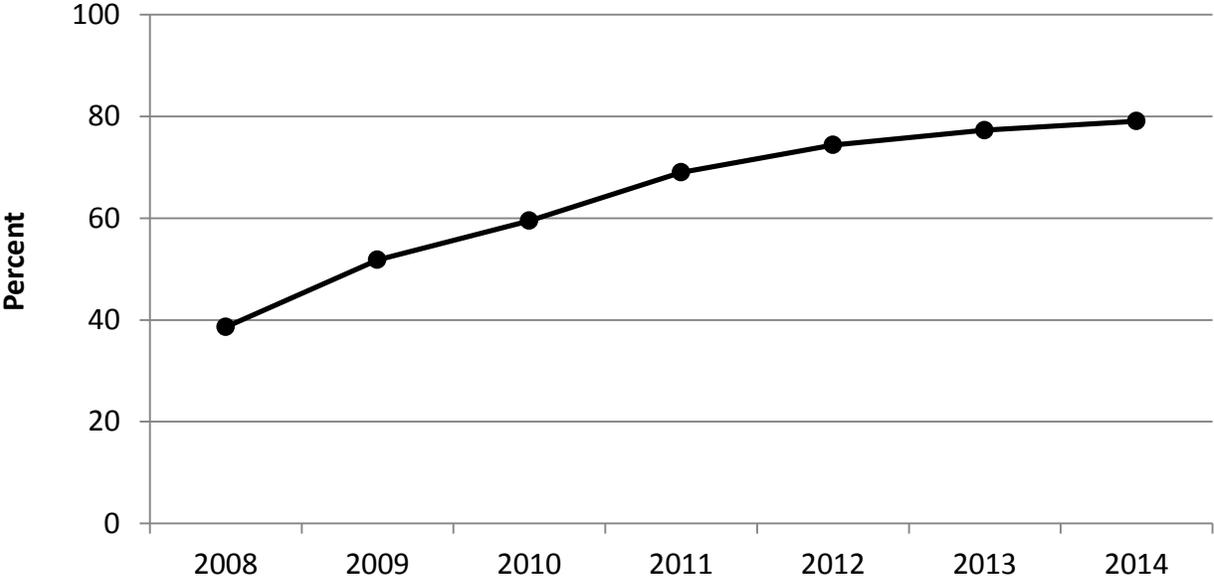


Source: Agency for Healthcare Research and Quality and Centers for Medicare & Medicaid Services, Medicare Patient Safety Monitoring System, 2009-2014.

Note: For this measure, lower rates are better.

Graph 5: Healthy Living

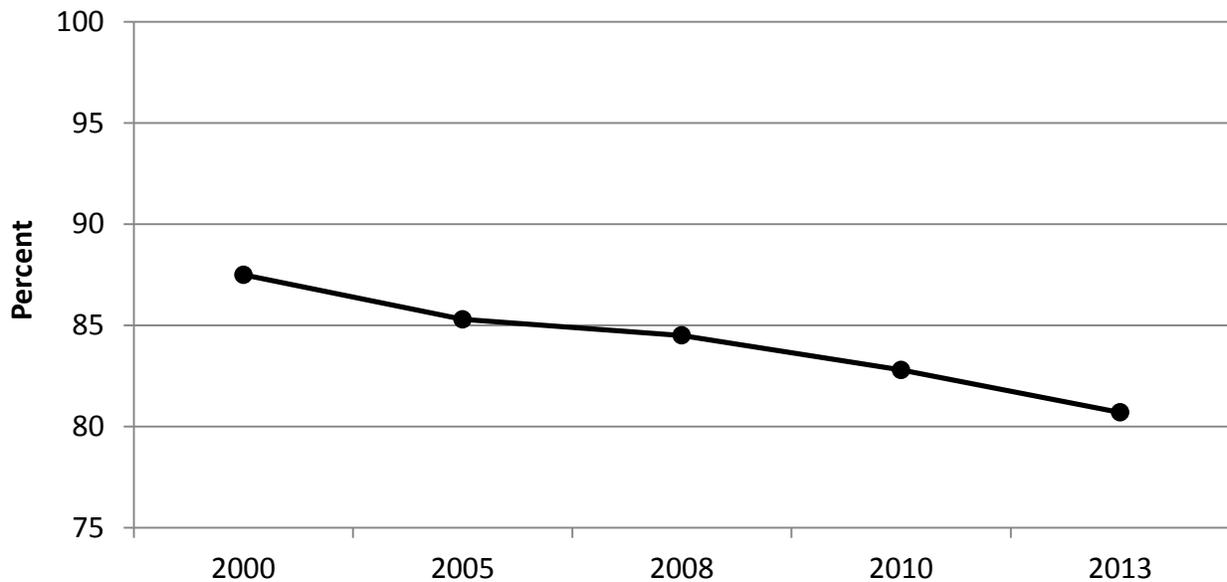
Improving overall: Adolescents ages 16-17 years who received 1 or more doses of meningococcal conjugate vaccine, 2008-2014



Source: Centers for Disease Control and Prevention, National Center for Immunizations and Respiratory Diseases and National Center for Health Statistics, National Immunization Survey – Teen, 2008-2014.

Graph 6: Healthy Living

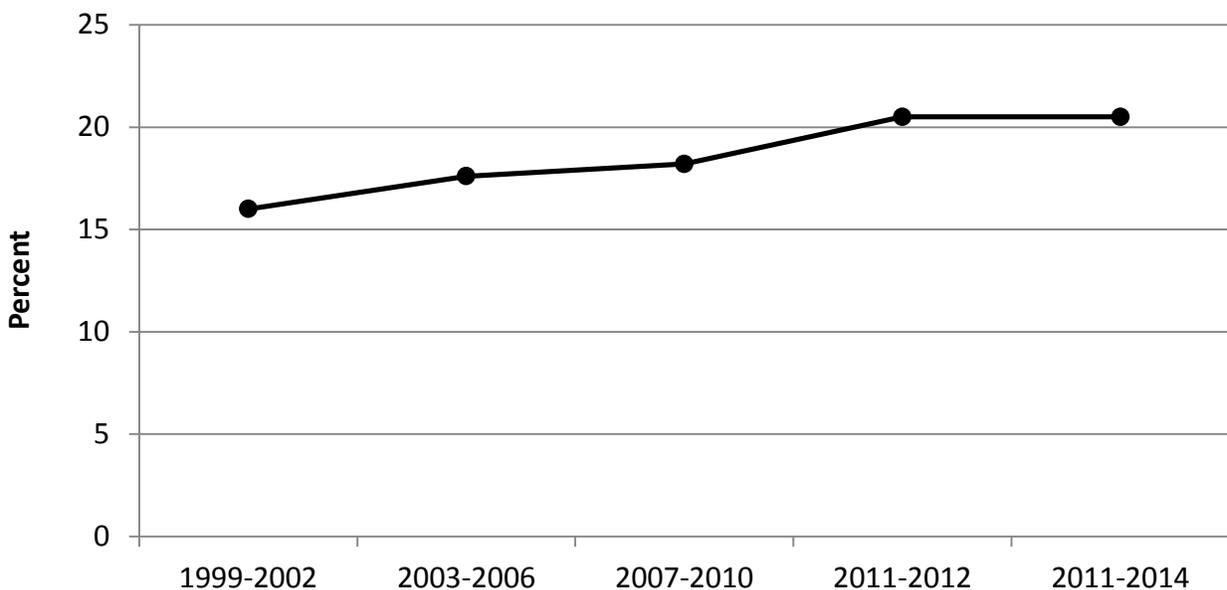
Worsening overall: Women ages 21-65 who received a Pap smear in the last 3 years



Source: Centers for Disease Control and Prevention, National Center for Health Statistics, National Health Interview Survey, 2000-2013.

Note: Estimates are age adjusted to the 2000 U.S. standard population.

Worsening overall: Children ages 12-19 with obesity, 1999-2002 to 2011-2014



Source: Centers for Disease Control and Prevention, National Center for Health Statistics, National Health and Nutrition Examination Survey, 1999-2002 to 2011-2014.

Note: For this measure, lower rates are better.

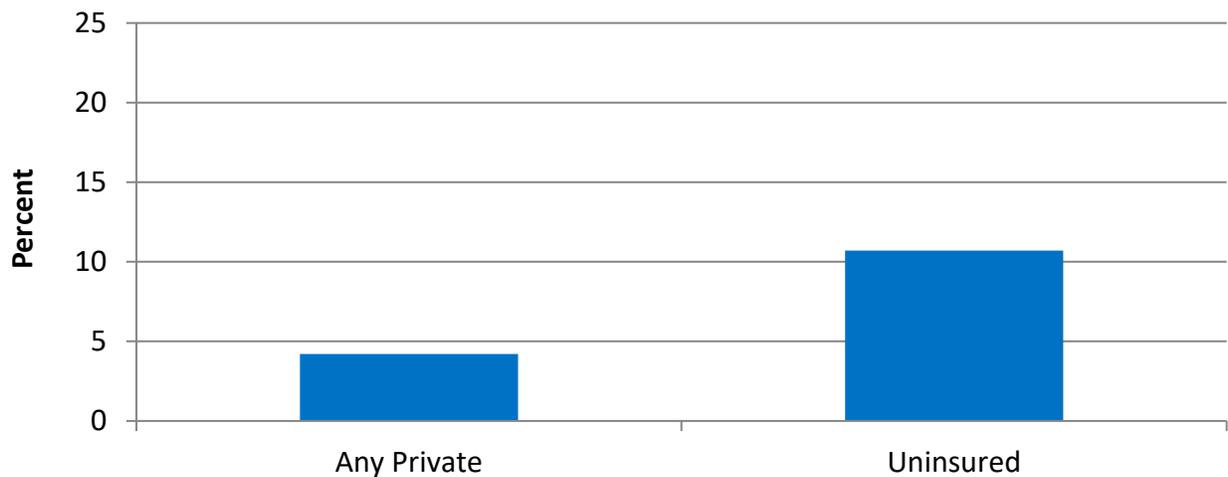
Other Priority Areas

Effective Treatment is addressed in Graphs 15 and 16, under Geographic Differences. Care Coordination and Care Affordability are addressed under Trends in Disparities and under Geographic Differences.

Trends in Disparities

Graph 7: Person-Centered Care

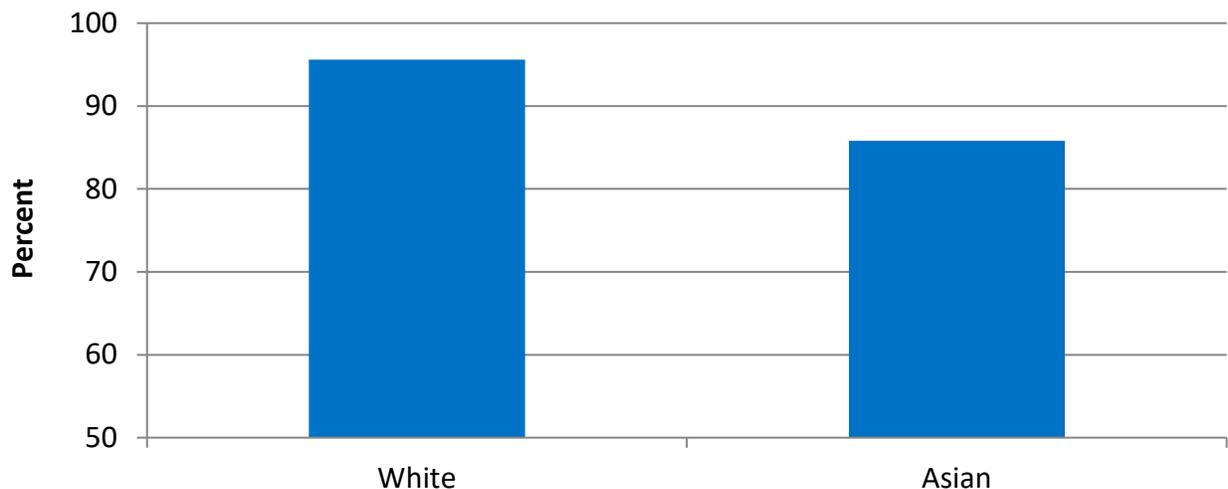
Improving overall: National: Adults ages 18-64 who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say, by insurance, 2014



Source: Agency for Healthcare Research and Quality, Medical Expenditure Panel Survey, 2014.

Note: For this measure, lower rates are better.

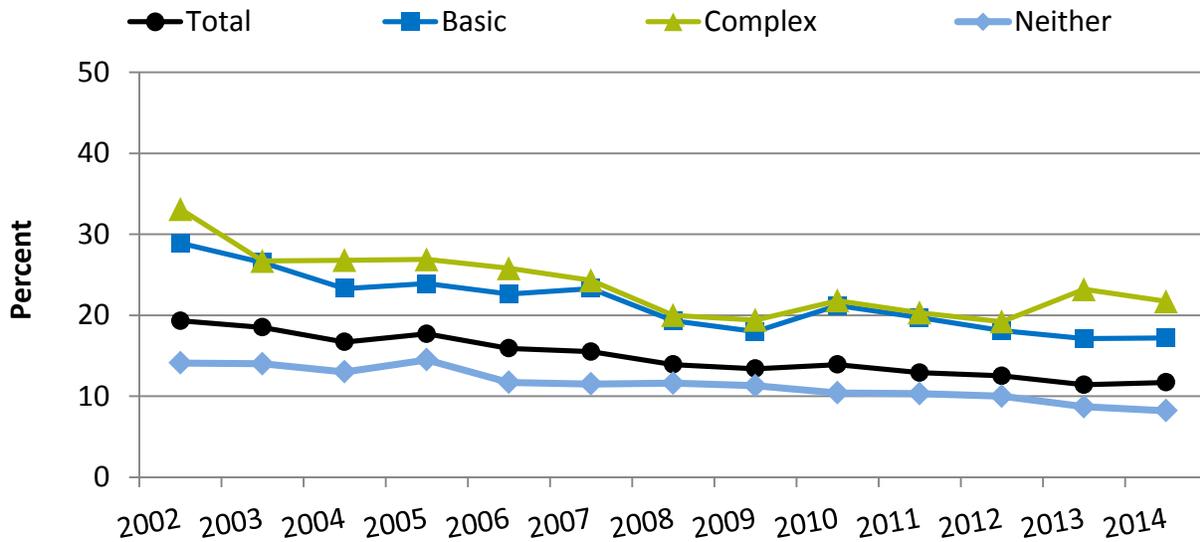
Large disparities: Hospice patients who received care consistent with their stated end-of-life wishes, by race, 2014



Source: National Hospice and Palliative Care Organization, Family Evaluation of Hospice Care Survey, 2014.

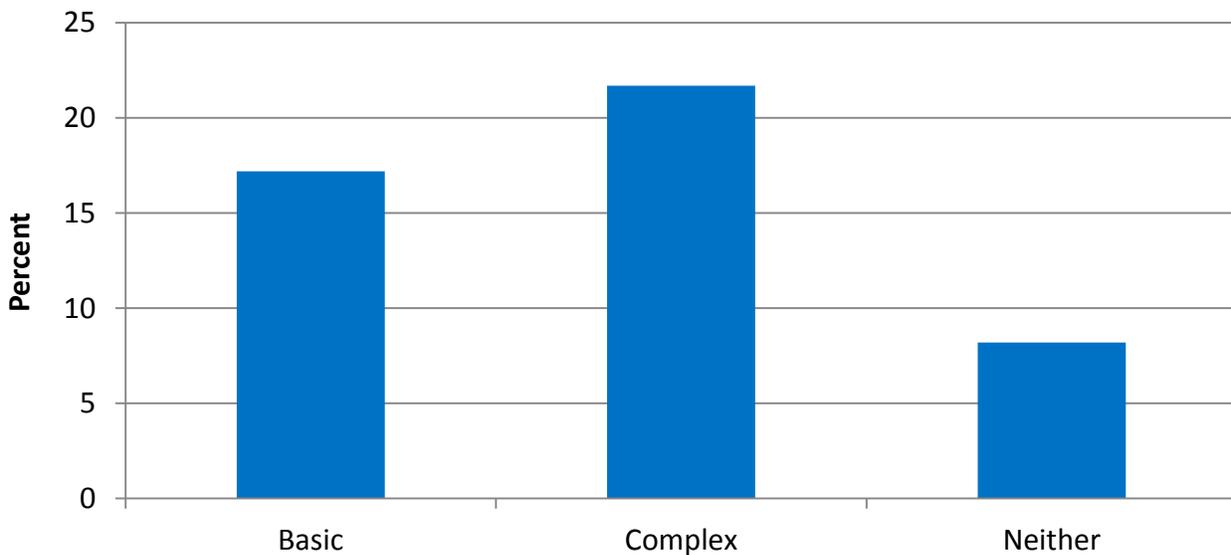
Graph 8: Patient Safety

Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults, by activity limitation, 2002-2014



Source: Agency for Healthcare Research and Quality, Medical Expenditure Panel Survey, 2002-2014.
Note: For this measure, lower rates are better. Definitions of disability are available in Appendix D).

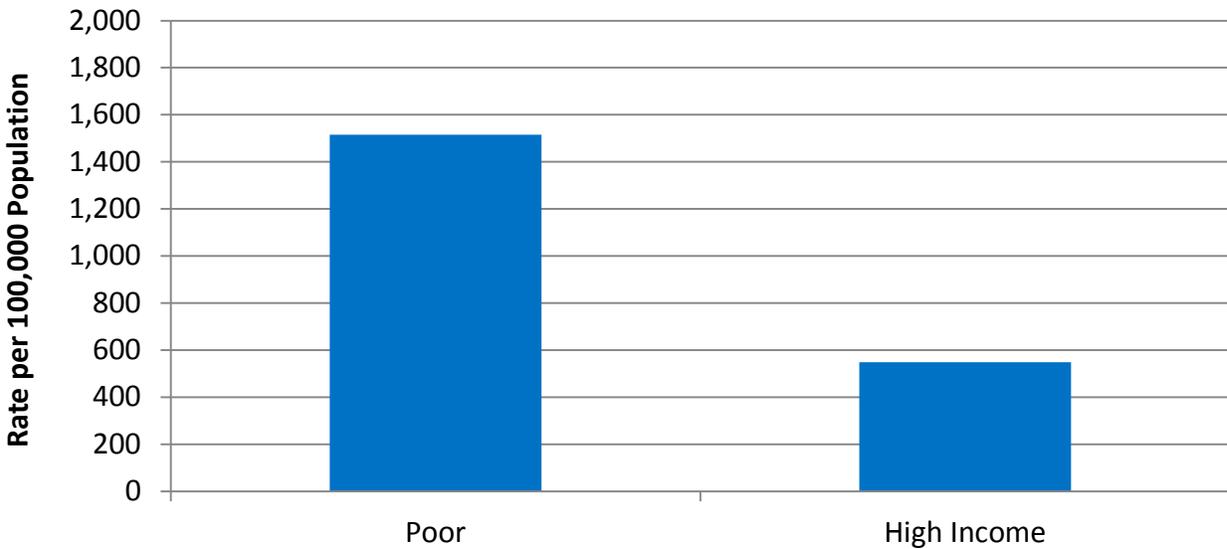
Large disparities: Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults, by activity limitation, 2014



Source: Agency for Healthcare Research and Quality, Medical Expenditure Panel Survey, 2014.
Note: For this measure, lower rates are better. Definitions of disability are available in Appendix D).

Graph 9: Care Coordination

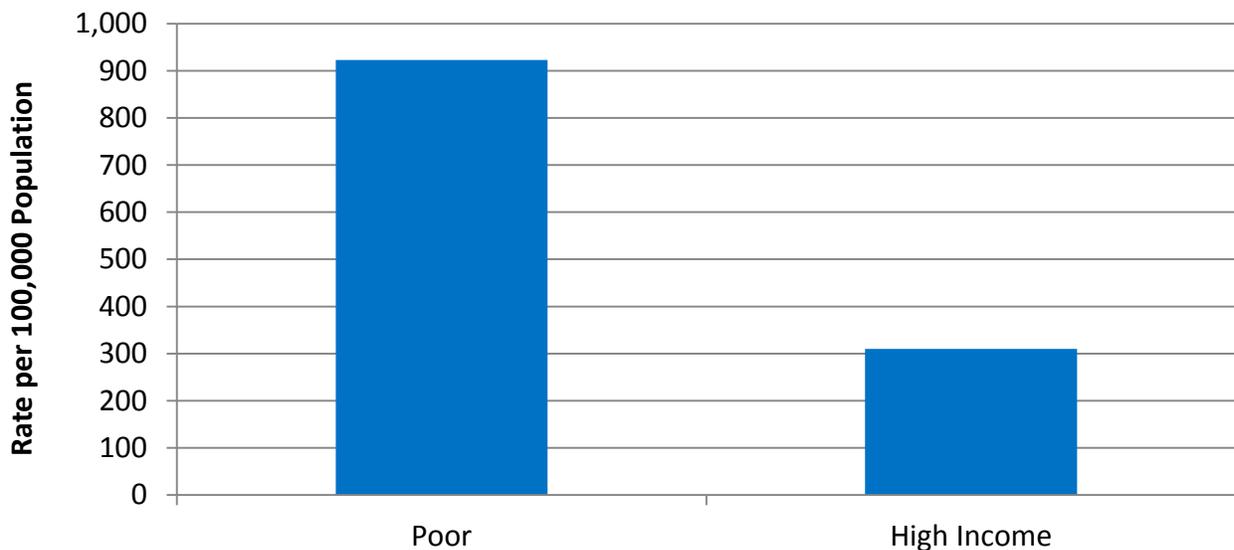
Large disparities: Emergency department visits for asthma, per 100,000 population (including inpatient admissions), ages 2-17, by income, 2014



Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project, Nationwide Emergency Department Sample, 2014.

Note: For this measure, lower rates are better.

Large disparities: Emergency department visits for asthma, per 100,000 population (including inpatient admissions), ages 18-39, by income, 2014

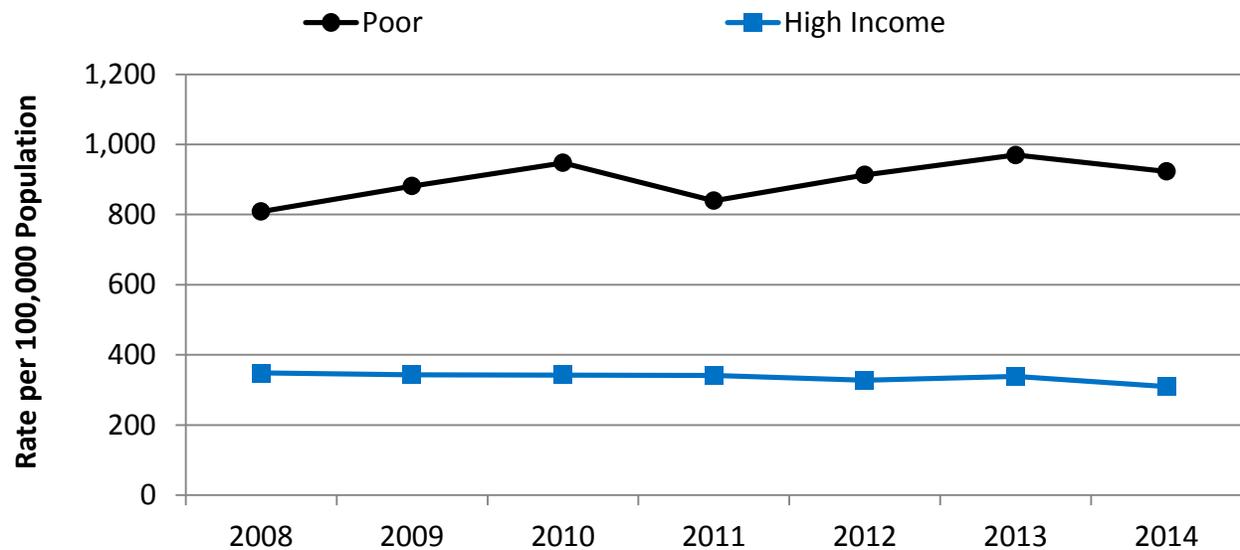


Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project, Nationwide Emergency Department Sample, 2014.

Note: For this measure, lower rates are better.

Graph 10: Care Coordination

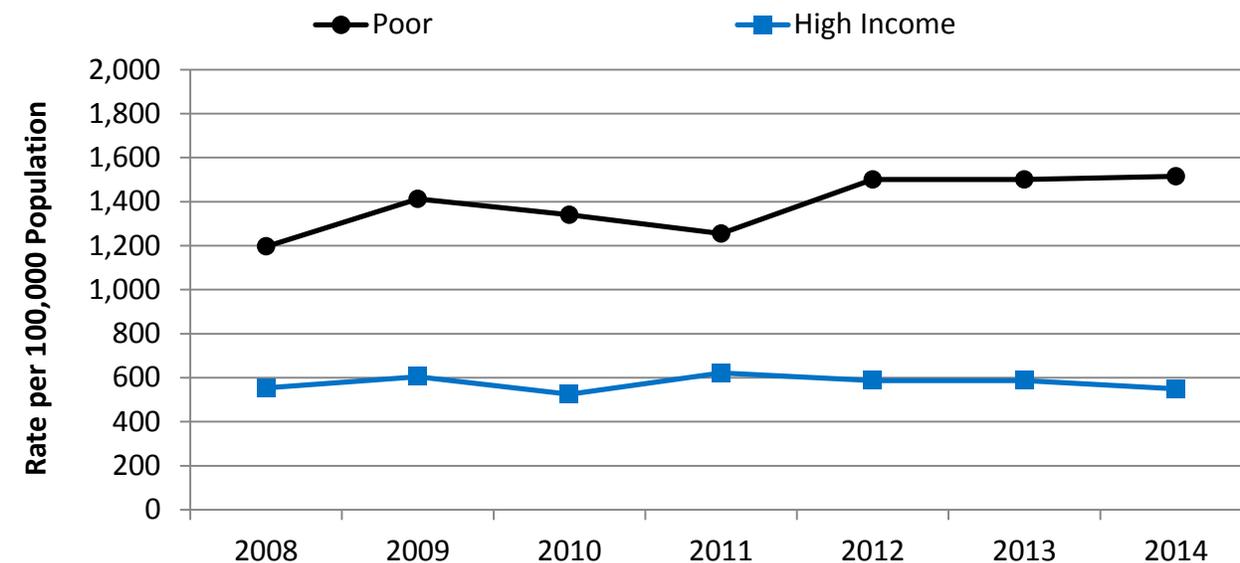
Emergency department visits for asthma, per 100,000 population (including inpatient admissions), ages 18-39, by income, 2008-2014



Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project, Nationwide Emergency Department Sample, 2008-2014.

Note: For this measure, lower rates are better.

Emergency department visits for asthma, per 100,000 population (including inpatient admissions), ages 2-17, by income, 2008-2014

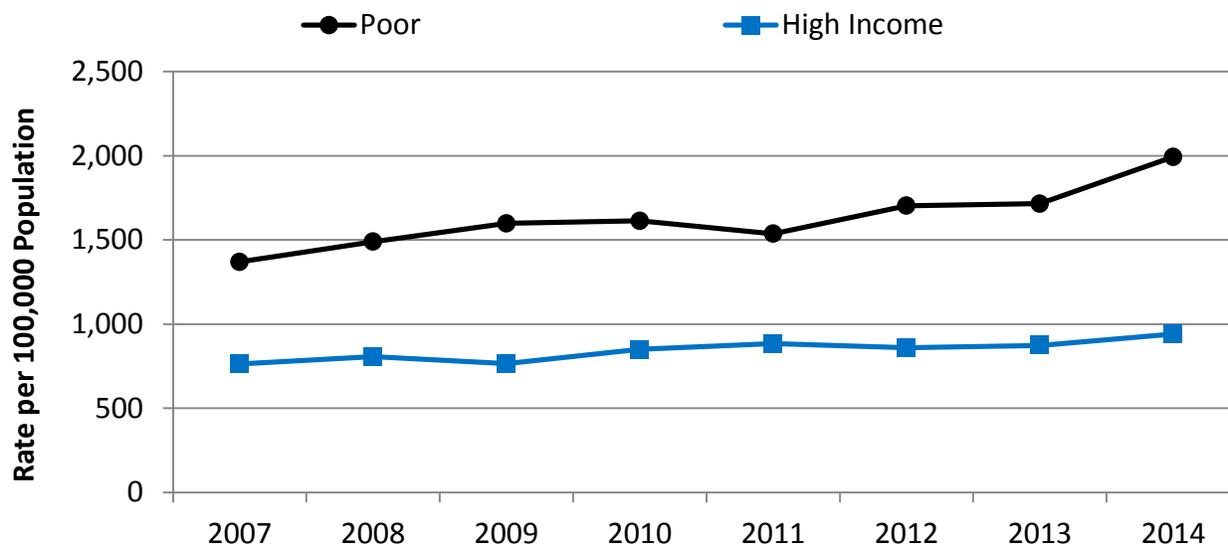


Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project, Nationwide Emergency Department Sample, 2008-2014.

Note: For this measure, lower rates are better.

Graph 11: Care Coordination

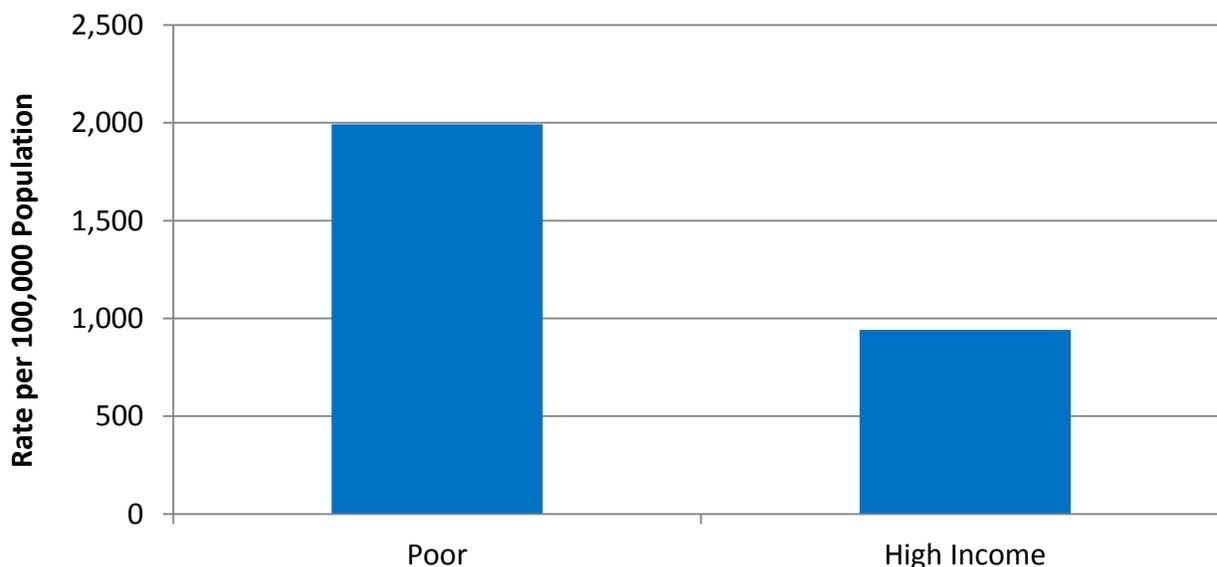
Emergency department visits with a principal diagnosis related to mental health only, by income, 2007-2014



Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project, Nationwide Emergency Department Sample, 2007-2014

Note: For this measure, lower rates are better.

Large disparities: Emergency department visits with a principal diagnosis related to mental health only, by income, 2014

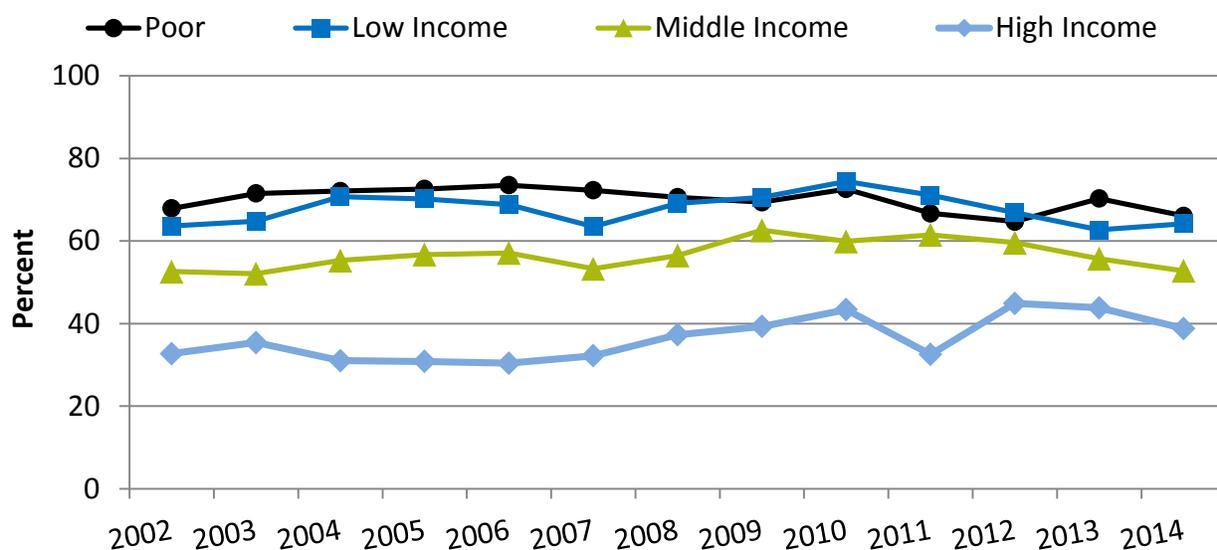


Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project, Nationwide Emergency Department Sample, 2014.

Note: For this measure, lower rates are better.

Graph 12: Care Affordability

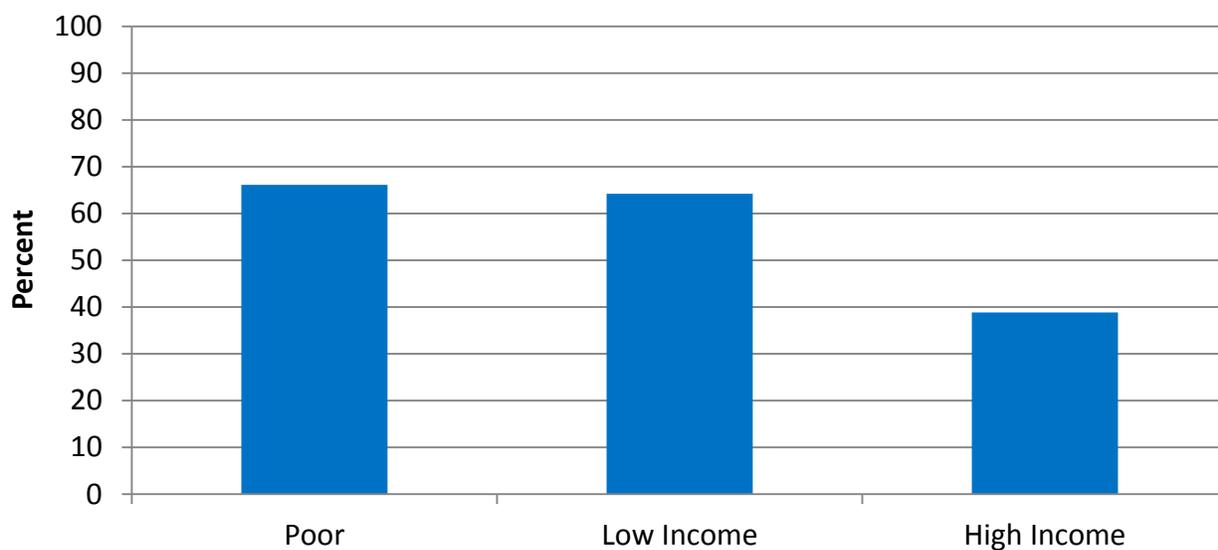
People unable to get or delayed in getting needed medical care who said it was due to financial or insurance reasons, by income, 2002-2014



Source: Agency for Healthcare Research and Quality, Medical Expenditure Panel Survey, 2002-2014.

Note: For this measure, lower rates are better.

Large disparities: People unable to get or delayed in getting needed medical care who said it was due to financial or insurance reasons, by income, 2014

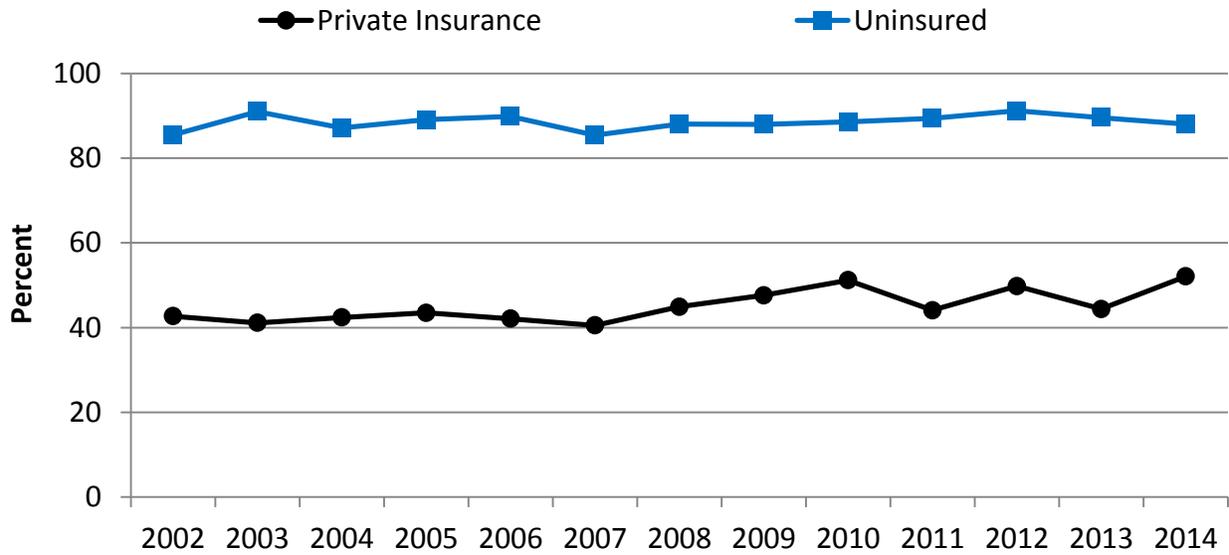


Source: Agency for Healthcare Research and Quality, Medical Expenditure Panel Survey, 2014.

Note: For this measure, lower rates are better.

Graph 13: Care Affordability

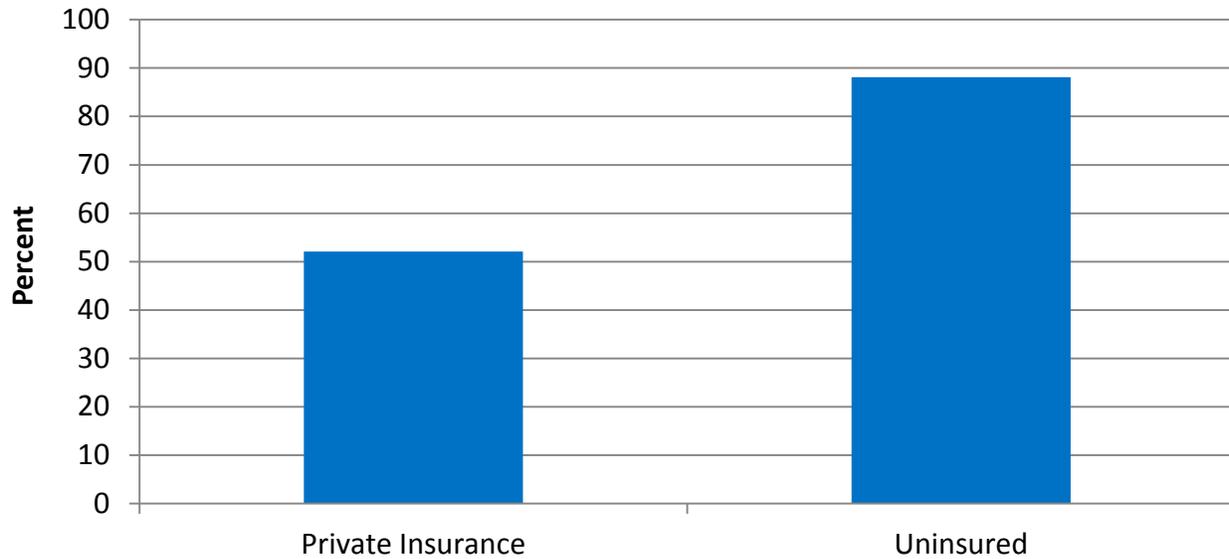
People unable to get or delayed in getting needed medical care who said it was due to financial or insurance reasons, by insurance, 2002-2014



Source: Agency for Healthcare Research and Quality, Medical Expenditure Panel Survey, 2002-2014.

Note: For this measure, lower rates are better.

Large disparities: People unable to get or delayed in getting needed medical care who said it was due to financial or insurance reasons, by insurance, 2014



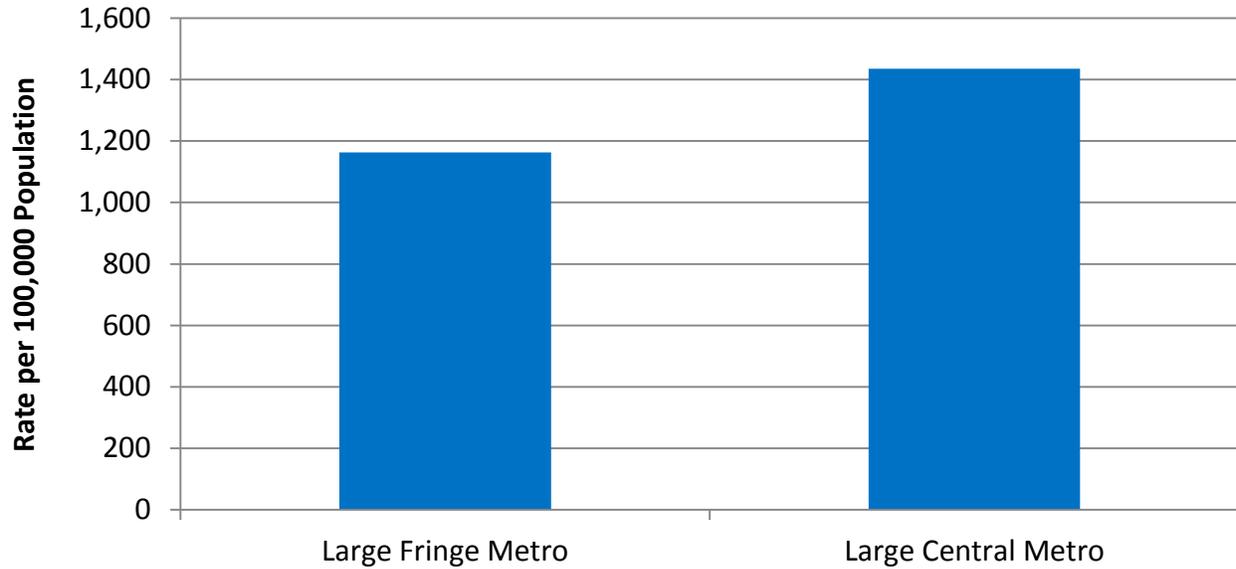
Source: Agency for Healthcare Research and Quality, Center for Financing, Access, and Cost Trends, Medical Expenditure Panel Survey, 2014.

Note: For this measure, lower rates are better.

Geographic Differences

Graph 14: Care Coordination

Large disparities: Emergency department visits with a principal diagnosis related to mental health only, per 100,000 population, by residence location, 2014

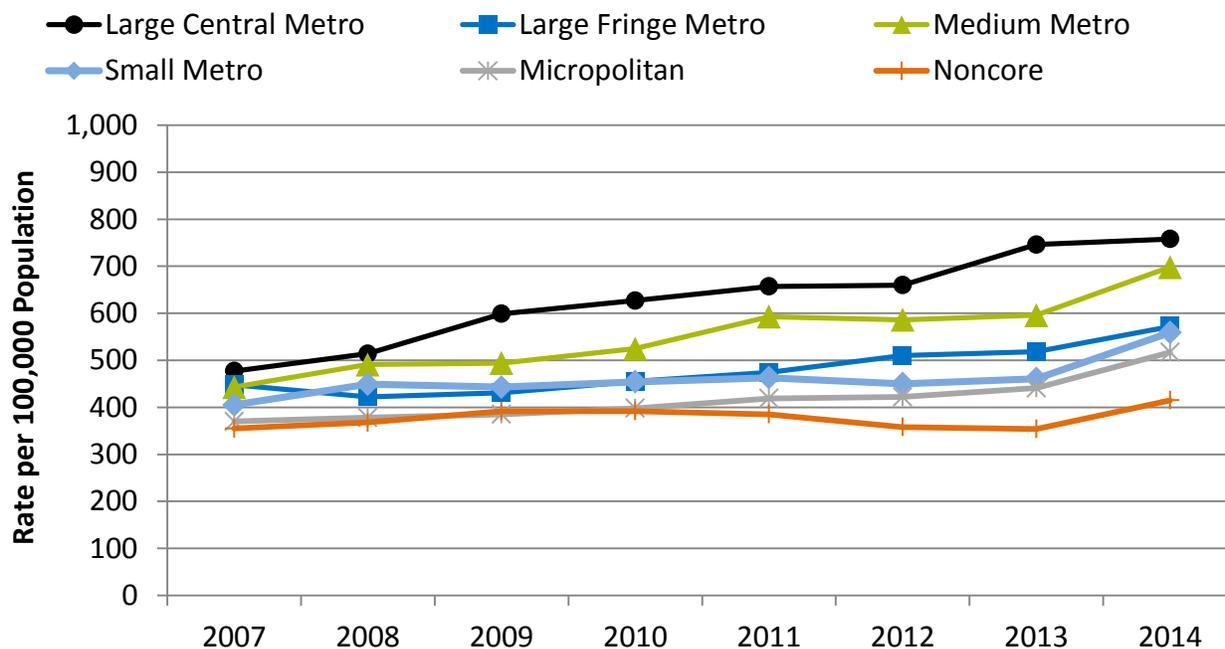


Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project, Nationwide Emergency Department Sample, 2014.

Note: For this measure, lower rates are better.

Graph 15: Care Coordination

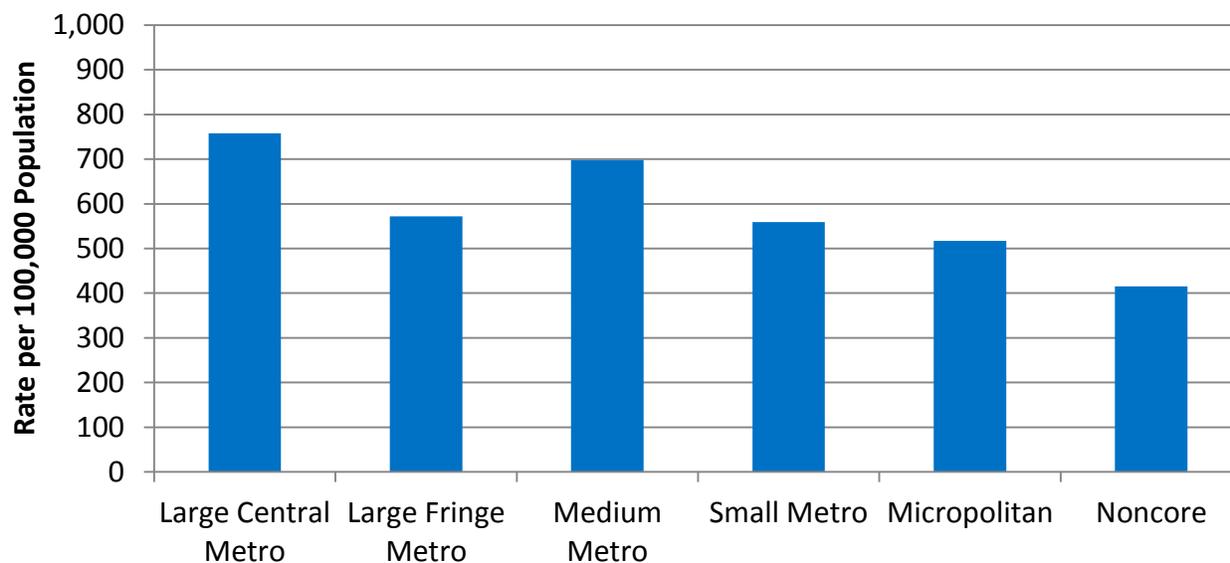
Emergency department visits with a principal diagnosis related to substance abuse only per 100,000 population, by residence location, 2007-2014



Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project, Nationwide Emergency Department Sample, 2007-2014.

Note: For this measure, lower rates are better.

Emergency department visits with a principal diagnosis related to substance abuse only per 100,000 population, by residence location, 2014

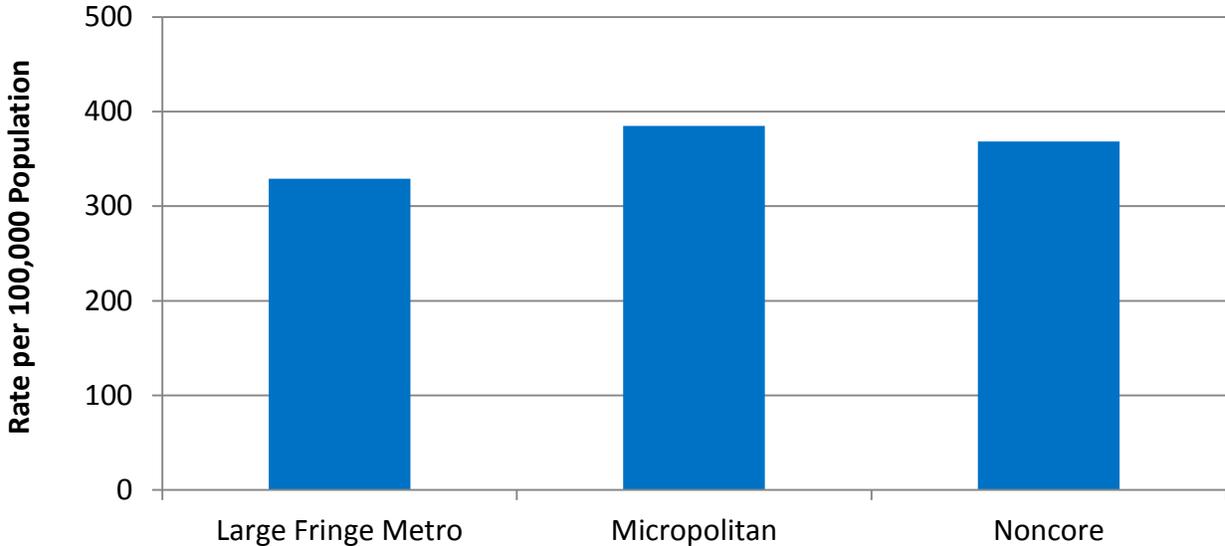


Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project, State Inpatient Databases, 2014; and AHRQ Quality Indicators, modified version 4.1.

Note: For this measure, lower rates are better.

Graph 16: Effective Treatment

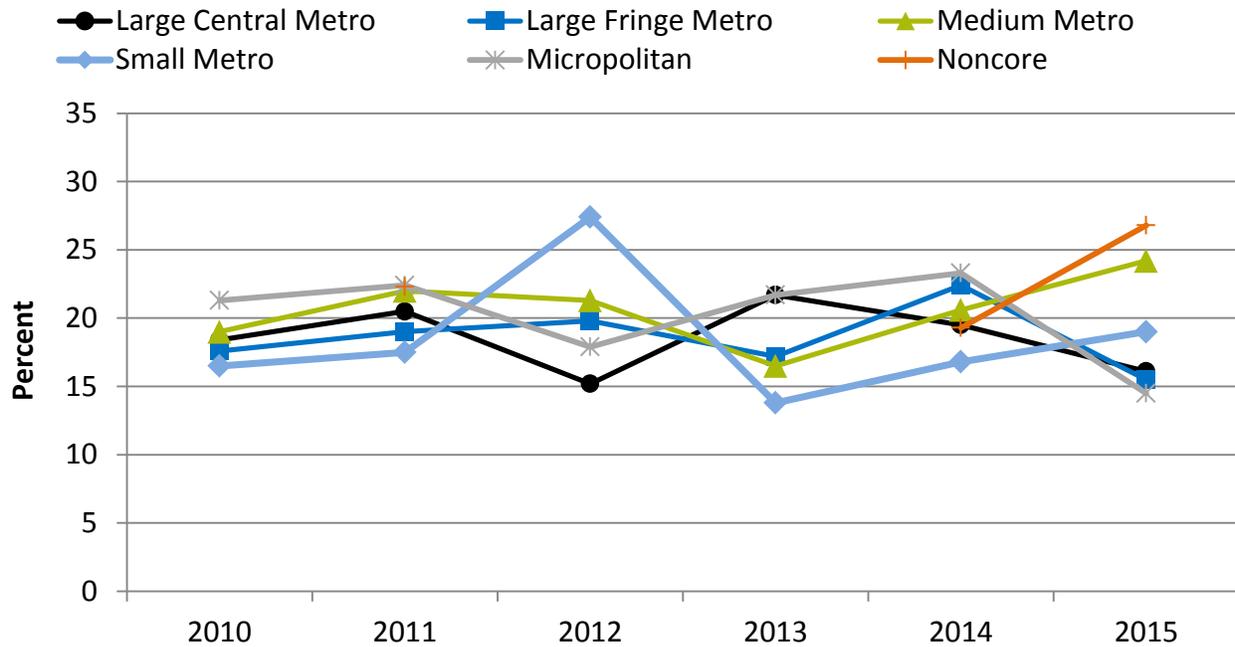
Large disparities: Hospital admissions for congestive heart failure, per 100,000 population, by residence location, 2014



Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP), National Inpatient Sample (NIS), 2014 and AHRQ Quality Indicators, version 4.4.

Graph 17: Effective Treatment

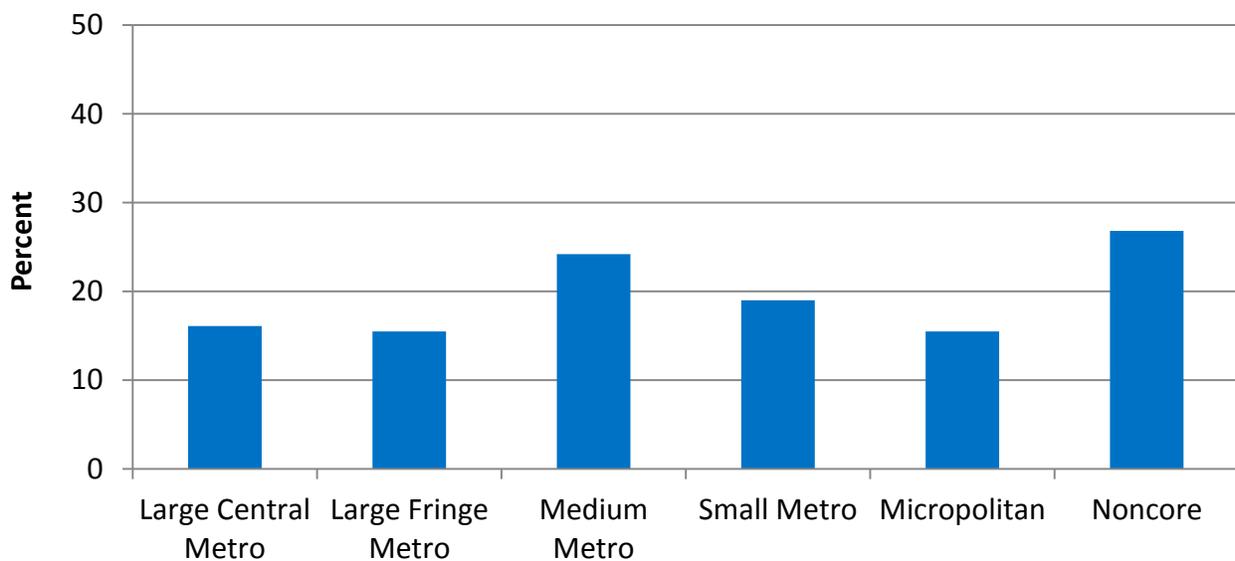
People age 12 and over who needed treatment for illicit drug use and who received such treatment at a specialty facility in the last 12 months, 2010-2015



Source: Substance Abuse and Mental Health Services Administration, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2010-2015.

Note: Data unavailable for 2010, 2012, 2013 for noncore.

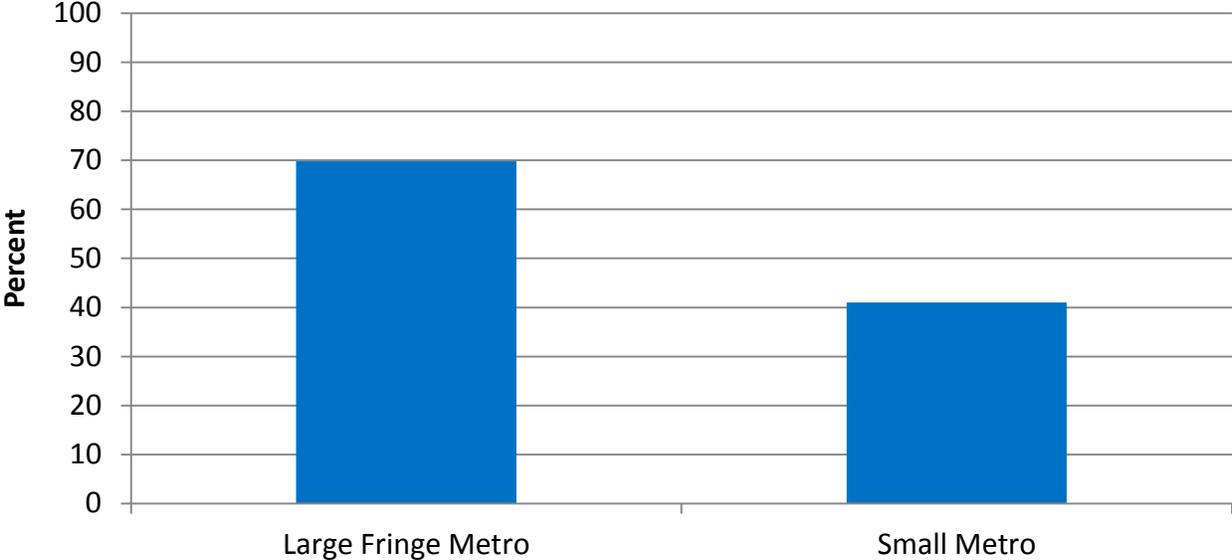
People age 12 and over who needed treatment for illicit drug use and who received such treatment at a specialty facility in the last 12 months, 2015



Source: Substance Abuse and Mental Health Services Administration, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2015.

Graph 18: Care Affordability

National: People unable to get or delayed in getting needed prescription medicines who said it was due to financial or insurance reasons, 2014



Source: Agency for Healthcare Research and Quality, Medical Expenditure Panel Survey, 2014.



APPENDIX B. TRENDS IN ACCESS, QUALITY, AND DISPARITIES FOR MEASURES IN 2016 REPORT

1. Trends in Access Measures

Table Title for Measures Improving	Average Annual Percent Change	SE	P Value	Number of Years
Adults who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	-1.03	0.003	0.003	13 (2002-2014)
Children who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	-4.66	0.007	0.000	13 (2002-2014)
People with a specific source of ongoing care	-3.03	0.011	0.043	6 (2009-2014)
People in fair or poor health with a specific source of ongoing care	-4.35	0.018	0.085	6 (2009-2014)
People who were unable to get or delayed in getting needed medical care in the last 12 months	-1.03	0.004	0.015	13 (2002-2014)
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	-2.58	0.006	0.001	13 (2002-2014)
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	-2.27	0.009	0.055	7 (2008-2014)
Table Title for Measures Showing No Change	Average Annual Percent Change	SE	P Value	Number of Years
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	-0.77	0.004	0.079	13 (2002-2014)
People under age 65 with health insurance	-0.35	0.004	0.404	15 (2000-2014)
People under age 65 who were uninsured all year	-0.02	0.006	0.97	13 (2002-2014)
People under age 65 with any period of uninsurance during the year	-0.16	0.003	0.593	13 (2002-2014)
People with a usual primary care provider	0.44	0.002	0.046	13 (2002-2014)
People who were unable to get or delayed in getting needed dental care in the last 12 months	0.04	0.005	0.931	13 (2002-2014)
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	0.19	0.006	0.749	13 (2002-2014)
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	0.33	0.001	0.007	13 (2002-2014)
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	-0.47	0.013	0.727	7 (2008-2014)
Children who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	-0.76	0.009	0.419	7 (2008-2014)
Table Title for Measures Worsening	Average Annual Percent Change	SE	P Value	Number of Years
People under age 65 with any private health insurance	2.25	0.002	0.000	15 (2000-2014)
Adults age 65 and over with any private health insurance	2.54	0.001	0.000	15 (2000-2014)
Children who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	2.86	0.01	0.033	7 (2008-2014)

2. Quality of Health Care Through 2014 by Priority Area

Patient Safety

Table Title for Measures Improving	Average Annual Percent Change	SE	P Value	Number of Years
Postoperative respiratory failure per 1,000 elective-surgery admissions, age 18 and over	-1.43	0.01	0.02	15 (2000-2014)
Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling, age 18 and over	-2.67	0.01	0.00	15 (2000-2014)
Reclosure of postoperative abdominal wound dehiscence per 1,000 abdominopelvic-surgery admissions of length 2 or more days, age 18 and over	-4.46	0.01	0.00	15 (2000-2014)
Adult patients receiving hip joint replacement due to degenerative conditions with adverse events, age 18 and over	-8.49	0.03	0.06	6 (2009-2014)
Adult patients receiving hip joint replacement due to fracture with adverse events, age 18 and over	-11.09	0.03	0.02	6 (2009-2014)
Home health care patients whose surgical wound was improved, United States	-7.65	0.02	0.06	4 (2010- 2013)
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age 18 and over	-2.24	0.01	0.00	15 (2000-2014)
Deaths per 1,000 elective-surgery admissions having developed specified complications of care during hospitalization, ages 18-89 or obstetric admissions	-2.03	0.00	0.00	10 (2005-2014)
Deaths per 1,000 hospital admissions with expected low mortality, age 18 and over or obstetric admissions	-6.13	0.00	0.00	15 (2000-2014)
Hospital patients who received an anticoagulant who had an adverse drug event with intravenous heparin, age 18 and over	-4.59	0.02	0.05	6 (2009-2014)
Hospital patients with an anticoagulant-related adverse drug event to low-molecular-weight heparin and factor Xa, age 18 and over	-9.29	0.02	0.01	6 (2009-2014)
Hospital patients who received a hypoglycemic agent who had an adverse drug event with hypoglycemic agents, age 18 and over	-5.88	0.01	0.01	6 (2009-2014)
Home health care patients who get better at taking their medication correctly	-3.40	0.00	0.01	4 (2010-2013)
Birth trauma-injury to neonate per 1,000 live births	-5.82	0.01	0.00	14 (2001-2014)
Obstetric trauma per 1,000 vaginal deliveries without instrument assistance	-4.90	0.00	0.00	15 (2000-2014)
Obstetric trauma per 1,000 instrument-assisted vaginal deliveries	-3.35	0.00	0.00	15 (2000-2014)
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	-6.41	0.01	0.00	13 (2002-2014)
Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults	4.27	0.00	0.00	13 (2002-2014)

Table Title for Measures Showing No Change	Average Annual Percent Change	SE	P Value	Number of Years
Postoperative sepsis per 1,000 elective-surgery admissions of length 4 or more days, age 18 and over	-0.82	0.02	0.62	7 (2008-2014)
Adult surgery patients with postoperative pneumonia events, age 18 and over	-3.51	0.03	0.27	6 (2009-2014)
Postoperative hemorrhage or hematoma with surgical drainage or evacuation per 1,000 surgical admissions, age 18 and over	-0.09	0.00	0.70	15 (2000-2014)
Adult patients receiving knee replacement with adverse events, age 18 and over	-10.12	0.06	0.17	6 (2009-2014)
Bloodstream infection in adult patients receiving central venous catheter placement, age 18 and over	-4.05	0.06	0.57	4 (2009-2012)
Mechanical adverse events in adult patients receiving central venous catheter placement, age 18 and over	-2.90	0.02	0.20	6 (2009-2014)
Hospital admissions with accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age <18 years	-1.17	0.01	0.11	15 (2000-2014)
Hospital admissions with iatrogenic pneumothorax per 1,000 medical and surgical admissions, age 18 and over	-0.95	0.01	0.14	15 (2000-2014)
Hospital patients with an anticoagulant-related adverse drug event to warfarin, age 18 and over	0.16	0.03	0.96	6 (2009-2014)
Table Title for Measures Worsening	Average Annual Percent Change	SE	P Value	Number of Years
Adult surgery patients with postoperative venous thromboembolic events, age 18 and over	8.10	0.03	0.05	6 (2009-2014)
Postoperative physiologic and metabolic derangements per 1,000 elective-surgery admissions, age 18 and over	1.60	0.01	0.01	15 (2000-2014)

Person-Centered Care

Table Title for Measures Improving	Average Annual Percent Change	SE	P Value	Number of Years
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	-2.51	0.00	0.00	13 (2002-2014)
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	-3.87	0.01	0.00	13 (2002-2014)
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	-3.29	0.01	0.00	13 (2002-2014)
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	-3.42	0.00	0.00	13 (2002-2014)
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	-2.29	0.00	0.00	13 (2002-2014)
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	-2.96	0.01	0.00	13 (2002-2014)
Adult hospital patients who sometimes or never had good communication about medications they received in the hospital	-4.34	0.01	0.00	7 (2009-2015)
Hospice patient caregivers who perceived patient was referred to hospice at the right time	-2.48	0.00	0.00	7 (2008-2014)
Hospice patients who received care consistent with their stated end-of-life wishes	-1.69	0.00	0.01	7 (2008-2014)
Table Title for Measures Showing No Change	Average Annual Percent Change	SE	P Value	Number of Years
Hospice patients who received the right amount of help for feelings of anxiety or sadness	-0.488	0.1	Not calculated	7 (2008-2014)
Family caregivers who did not want more information about what to expect while the patient was dying	-0.669	0.1	Not calculated	7 (2008-2014)

Healthy Living

Table Title for Measures Improving	Average Annual Percent Change	SE	P Value	Number of Years
Infant mortality per 1,000 live births, birth weights >2,499 grams	-1.35	0.00	0.00	13 (2001-2013)
Infants who received breastfeeding through 3 months	-4.18	0.01	0.02	4 (2009-2012)
Adult current smokers with a checkup in the last 12 months who received advice to quit smoking	-1.08	0.00	0.00	13 (2002-2014)
Children ages 2-19 with obesity who had been told by a doctor or health professional that they were overweight	-1.72	0.00	0.01	4 (1999-2002, 2003-2006, 2007-2010, 2011-2014)
Adults with obesity who ever received advice from a health professional to exercise more	-1.24	0.00	0.00	13 (2002-2014)
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	-1.89	0.00	0.00	13 (2002-2014)
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	-2.19	0.00	0.00	13 (2002-2014)
Home health care patients who get better at walking or moving around	-5.79	0.00	0.00	4 (2010-2013)
Home health care patients who get better at getting in and out of bed	-2.88	0.00	0.01	4 (2010-2013)
Home health care patients who get better at bathing	-3.75	0.00	0.00	4 (2010-2013)
Home health care patients who have less shortness of breath	-2.53	0.00	0.01	4 (2010-2013)
Home health care patients who stayed at home after an episode of home health care ended	-2.21	0.00	0.03	4 (2010-2013)
Home health care patients who have less pain when moving around	-2.07	0.00	0.01	4 (2010-2013)
Cervical cancer diagnosed at advanced stage per 100,000 women age 20 and over	-1.75	0.00	0.00	14 (2000-2013)
Colorectal cancer diagnosed at advanced stage per 100,000 men and women age 50 and over	-3.64	0.00	0.00	14 (2000-2013)
Adults who received a blood cholesterol measurement in the last 5 years	-4.72	0.01	0.06	4 (1998, 2003, 2008, 2014)
Adults age 18 and over who received an influenza vaccination in the past 12 months	-2.65	0.00	0.01	5 (2010-2014)
Adults age 65 and over who received an influenza vaccination in the last 12 months	-1.36	0.01	0.06	13 (2002-2014)
Adults age 65 and over who ever received pneumococcal vaccination	-1.32	0.00	0.00	15 (2000-2014)
Children ages 19-35 months who received 3 or more doses of polio vaccine	-3.03	0.01	0.00	14 (2001-2014)
Children ages 19-35 months who received 1 or more doses of varicella vaccine	-6.11	0.01	0.00	14 (2001-2014)
Adolescents ages 13-15 years who received 1 or more doses of meningococcal conjugate vaccine	-15.60	0.01	0.00	7 (2008-2014)
Adolescents ages 16-17 years who received 1 or more doses of meningococcal conjugate vaccine	-16.94	0.01	0.00	7 (2008-2014)
Adolescent females ages 13-15 years who received 3 or more doses of human papillomavirus vaccine	-3.46	0.01	0.00	7 (2008-2014)
Adolescent females ages 16-17 years who received 3 or more doses of human papillomavirus vaccine	-6.11	0.01	0.00	7 (2008-2014)
Adolescents ages 13-15 years who received 1 or more doses of tetanus-diphtheria-acellular pertussis (Tdap) vaccine	-23.02	0.02	0.00	7 (2008-2014)

Table Title for Measures Improving	Average Annual Percent Change	SE	P Value	Number of Years
Adolescents ages 16-17 years who received 1 or more doses of tetanus-diphtheria-acellular pertussis (Tdap) vaccine	-25.35	0.03	0.00	7 (2008-2014)
Children ages 6 months to 17 years who received influenza vaccination in the past 12 months	-4.58	0.01	0.01	5 (2010-2014)
Children who had their height and weight measured by a health provider within the past 2 years	-5.08	0.01	0.00	13 (2002-2014)
Children ages 3-5 who ever had their vision checked by a health provider	-2.41	0.00	0.00	13 (2002-2014)
Children 0-40 lbs for whom a health provider gave advice within the past 2 years about using a child safety seat while riding in the car	-1.20	0.00	0.01	13 (2002-2014)
Children 41-80 lbs for whom a health provider gave advice within the past 2 years about using a booster seat when riding in the car	-1.33	0.00	0.00	13 (2002-2014)
Children ages 0-17 who had a wellness checkup in the last 12 months	-3.30	0.01	0.00	17 (2000-2014)
Table Title for Measures Showing No Change	Average Annual Percent Change	SE	P Value	Number of Years
Live-born infants with low birth weight (<2,500 grams)	-0.44	0.00	0.00	8 (2007-2014)
Adults age 20 and over with obesity who had been told by a doctor or health professional that they were overweight	-0.23	0.01	0.75	4 (2002, 2006, 2010, 2014)
Children ages 2-5 with obesity	-1.94	0.02	0.28	5 (2002, 2006, 2010, 2012, 2014)
Children ages 6-11 with obesity	0.97	0.01	0.16	5 (2002, 2006, 2010, 2012, 2014)
Adults with obesity who ever received advice from a health professional about eating fewer high-fat or high-cholesterol foods	-0.57	0.00	0.00	13 (2002-2014)
Breast cancer diagnosed at advanced stage per 100,000 women age 40 and over	-0.53	0.00	0.00	14 (2000-2013)
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	-1.03	0.01	0.40	5 (2003, 2008, 2012, 2014)
Adults ages 18-64 at high risk (e.g., COPD) who received an influenza vaccination in the past 12 months	-1.73	0.01	0.17	5 (2010-2014)
Hospital admissions for immunization-preventable influenza per 100,000 population, age 65 and over	5.25	0.04	0.26	15 (2000-2014)
Adults ages 18-64 at high risk (e.g., COPD) who ever received pneumococcal vaccination	-0.67	0.00	0.00	15 (2000-2014)
Children ages 19-35 months who received 4 or more doses of diphtheria-tetanus-pertussis vaccine	-0.04	0.01	0.94	14 (2001-2014)
Children ages 19-35 months who received 1 or more doses of measles-mumps-rubella vaccine	0.89	0.01	0.18	14 (2001-2014)
Children ages 19-35 months who received 3 or more doses of hepatitis B vaccine	0.05	0.01	0.97	14 (2001-2014)
Children ages 2-17 who had a dental visit in the calendar year	-0.51	0.00	0.03	13 (2002-2014)
Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child	-0.26	0.00	0.22	13 (2002-2014)
Children over 80 lb for whom a health provider gave advice within the past 2 years about using lap or shoulder belts when riding in a car	-0.84	0.00	0.00	13 (2002-2014)

Table Title for Measures Showing No Change	Average Annual Percent Change	SE	P Value	Number of Years
Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle	-0.41	0.00	0.02	13 (2002-2014)
Table Title for Measures Worsening	Average Annual Percent Change	SE	P Value	Number of Years
Children ages 12-19 with obesity	2.15	0.00	0.01	5 (2002, 2006, 2010, 2012, 2014)
Home health care patients who have less urinary incontinence	1.08	0.00	0.05	4 (2010-2013)
Women ages 50-74 who received a mammogram in the last 2 years	1.37	0.01	0.06	6 (2000, 2003, 2005, 2008, 2010, 2013)
Women ages 21-65 who received a Pap smear in the last 3 years	3.32	0.00	0.00	5 (2000, 2005, 2008, 2010, 2013)

Effective Treatment

Table Title for Measures Improving	Average Annual Percent Change	SE	P Value	Number of Years
Women with clinical Stage I-IIb breast cancer who received axillary node dissection or sentinel lymph node biopsy at the time of surgery (lumpectomy or mastectomy)	-7.95	0.01	0.00	10 (2004-2013)
Women under age 70 treated for breast cancer with breast-conserving surgery who received radiation therapy to the breast within 1 year of diagnosis	-7.15	0.01	0.00	10 (2004-2013)
Breast cancer deaths per 100,000 female population per year	-1.86	0.00	0.00	15 (2000-2014)
Patients with colon cancer who received surgical resection of colon cancer that included at least 12 lymph nodes pathologically examined	-15.84	0.01	0.00	10 (2004-2013)
Colorectal cancer deaths per 100,000 population per year	-2.59	0.00	0.00	15 (2000-2014)
Lung cancer deaths per 100,000 population per year	-2.00	0.00	0.00	15 (2000-2014)
Adults with hypertension with blood pressure less than 140/90 mm/Hg	-3.00	0.01	0.02	5 (2002, 2006, 2010, 2012, 2014)
Deaths per 1,000 hospital admissions with acute myocardial infarction, age 18 and over	-6.31	0.00	0.00	15 (2000-2014)
Acute myocardial infarction patients who received fibrinolytic medication within 30 minutes of arrival	-4.60	0.01	0.00	10 (2005-2014)
Hospital admissions for heart failure per 100,000 population, age 18 and over	-3.71	0.00	0.00	15 (2000-2014)
Deaths per 1,000 hospital admissions with congestive heart failure, age 18 and over	-9.05	0.00	0.00	15 (2000-2014)
Deaths per 1,000 hospital admissions with abdominal aortic aneurysm repair, age 18 and over	-4.26	0.00	0.00	15 (2000-2014)
Deaths per 1,000 hospital admissions with coronary artery bypass graft, age 40 and over	-8.10	0.00	0.00	15 (2000-2014)
Deaths per 1,000 hospital admissions with percutaneous coronary intervention, age 40 and over	-3.95	0.00	0.00	15 (2000-2014)
End stage renal disease patients age 18 and over who saw a nephrologist at least 12 months prior to initiation of renal replacement therapy	-1.52	0.00	0.00	10 (2005-2014)
Adults age 40 and over with diagnosed diabetes with total cholesterol less than 200 mg/dL	-4.67	0.01	0.03	4 (2002, 2006, 2010, 2012)
HIV infection deaths per 100,000 population	-7.26	0.00	0.00	15 (2000-2014)
Deaths per 1,000 hospital admissions with pneumonia, age 18 and over	-9.25	0.00	0.00	15 (2000-2014)
Patients with tuberculosis who completed a curative course of treatment within 1 year of initiation of treatment	-4.89	0.01	0.00	13 (2000-2012)
Table Title for Measures Showing No Change	Average Annual Percent Change	SE	P Value	Number of Years
Dialysis patients under age 70 who were registered on a waiting list for transplantation within a year of initiation	-0.28	0.00	0.00	15 (2000-2014)
Patients with treated chronic kidney failure who received a transplant within 3 years of date of renal failure	0.61	0.00	0.00	12 (2000-2011)
Adults age 40 and over with diagnosed diabetes who received 2 or more hemoglobin A1c measurements in the calendar year	0.79	0.01	0.30	13 (2002-2014)

Table Title for Measures Showing No Change	Average Annual Percent Change	SE	P Value	Number of Years
Adults age 40 and over with diagnosed diabetes who received a dilated eye examination in the calendar year	-0.19	0.00	0.53	13 (2002-2014)
Adults age 40 and over with diagnosed diabetes who had their feet checked for sores or irritation in the calendar year	1.10	0.01	0.11	13 (2002-2014)
Adults age 40 and over with diagnosed diabetes who received a flu vaccination in the calendar year	-1.00	0.01	0.34	7 (2008-2014)
Adults age 40 and over with diabetes whose condition was diagnosed	-2.54	0.01	0.11	4 (2002, 2006, 2010, 2014)
Adults age 40 and over with diagnosed diabetes with blood pressure less than 130/80 mm Hg	-1.82	0.01	0.15	4 (2002, 2006, 2010, 2014)
Adjusted incident rates of end stage renal disease due to diabetes per million population	-0.96	0.00	0.00	14 (2001-2014)
Adults with a major depressive episode in the last 12 months who received treatment	-0.52	0.01	0.46	8 (2008-2015)
Children ages 12-17 with a major depressive episode in the last 12 months who received treatment	-0.83	0.00	0.06	8 (2008-2015)
People age 12 and over who needed treatment for illicit drug use and who received such treatment at a specialty facility in the last 12 months	-0.27	0.00	0.04	14 (2002-2015)
People age 12 and over who needed treatment for an alcohol problem and who received such treatment at a specialty facility in the last 12 months	-0.05	0.00	0.10	14 (2002-2015)
Number of discharges from substance abuse treatment for persons age 12 and over and percent who completed treatment	-0.03	0.01	0.96	8 (2005-2012)
Adults with chronic joint symptoms who have ever seen a doctor or other health professional for joint symptoms	-1.23	0.01	0.24	6 (2009-(2014)
Table Title for Measures Worsening	Average Annual Percent Change	SE	P Value	Number of Years
Suicide deaths per 100,000 population	3.13	0.00	0.00	15 (2000-2014)
People with current asthma who are now taking preventive medicine daily or almost daily (either oral or inhaler)	1.10	0.00	0.00	12 (2003-2014)

Care Coordination

Table Title for Measures Improving	Average Annual Percent Change	SE	P Value	Number of Years
Hospital patients with heart failure who were given complete written discharge instructions	-23.07	0.01	0.00	9 (2005-2013)
Adult hospital patients who did not receive good communication about discharge information	-6.21	0.00	0.00	7 (2009-2015)
People with a usual source of care who usually asks about prescription medications and treatments from other doctors	-2.21	0.01	0.00	13 (2002-2014)
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, age 18 and over	-4.14	0.01	0.00	15 (2000-2014)
Lower extremity amputations among admissions for diabetes per 100,000 population, age 18 and over	-2.54	0.01	0.00	15 (2000-2014)
Hospital admissions for asthma per 100,000 population, ages 18 to 39	-3.58	0.00	0.00	15 (2000-2014)
Hospital admissions for asthma per 100,000 population, ages 2-17	-2.91	0.01	0.00	15 (2000-2014)
Emergency department visits for congestive heart failure per 100,000 population (including inpatient admissions), age 18 and over	-1.71	0.01	0.04	7 (2008-2014)
Home health care patients who had to be admitted to the hospital	-2.45	0.01	0.04	4 (2010-2013)
Hospital admissions for dehydration per 100,000 population, age 18 and over	-4.68	0.01	0.00	15 (2000-2014)
Admissions for angina without cardiac procedure per 100,000 population, age 18 and over	-13.17	0.00	0.00	15 (2000-2014)
Hospital admissions with chronic obstructive pulmonary disease or asthma per 100,000 population, age 40 and over	-1.81	0.01	0.05	10 (2005-2014)
Hospital admissions for bacterial pneumonia per 100,000 population, age 18 and over	-3.82	0.00	0.00	15 (2000-2014)
Hospital admissions for urinary tract infection per 100,000 population, ages 3 months to 17 years	-4.24	0.01	0.00	15 (2000-2014)
Hospital admissions for pediatric gastroenteritis per 100,000 population, ages 3 months to 17 years	-11.07	0.01	0.00	15 (2000-2014)
Table Title for Measures Showing No Change	Average Annual Percent Change	SE	P Value	Number of Years
Emergency department visits for asthma per 100,000 population (including inpatient admissions), ages 18-39	0.42	0.01	0.48	7 (2008-2014)
Children ages 2-19 with hospital emergency department visit for asthma per 10,000 population	0.88	0.02	0.69	5 (2008-2012)
Hospital admissions with diabetes with short-term complications per 100,000 population, ages 6-17	-1.05	0.01	0.11	15 (2000-2014)
Hospital admissions with diabetes with long-term complications per 100,000 population, age 18 and over	-0.69	0.00	0.01	15 (2000-2014)
Home health care patients who had an emergency department visit and were then hospitalized	0.29	0.01	0.71	4 (2010-2013)
Hospital admissions with perforations or abscesses of appendix per 1,000 admissions with appendicitis, age 18 and over	0.09	0.00	0.83	15 (2000-2014)
Home health care patients who needed urgent, unplanned medical care	-0.33	0.00	0.47	4 (2010-2013)
Hospital admissions for urinary tract infection per 100,000 population, age 18 and over	0.96	0.00	0.02	15 (2000-2014)

Table Title for Measures Worsening	Average Annual Percent Change	SE	P Value	Number of Years
Emergency department visits with a principal diagnosis related to mental health only per 100,000 population	3.21	0.00	0.00	8 (2007-2014)
Emergency department visits with a principal diagnosis related to substance abuse only per 100,000 population	5.14	0.00	0.00	8 (2007-2014)
Emergency department visits with a principal diagnosis related to co-occurring mental health, alcohol, and substance abuse per 100,000 population	5.29	0.01	0.00	8 (2007-2014)
Emergency department visits with a principal diagnosis related to dental conditions per 100,000 population	1.38	0.01	0.06	6 (2009-2014)
Emergency department visits for asthma per 100,000 population (including inpatient admissions), ages 2-17	1.84	0.01	0.08	7 (2008-2014)
Hospital admissions with diabetes with short-term complications per 100,000 population, age 18 and over	3.52	0.00	0.00	15 (2000-2014)
Hospital admissions with perforations or abscesses of appendix per 1,000 admissions with appendicitis, ages 1-17	1.32	0.00	0.01	15 (2000-2014)
Avoidable admissions for hypertension per 100,000 population age 18 and over	1.91	0.01	0.00	15 (2000-2014)

3. Access Disparities by Income, Ethnicity, and Race

Poor Households vs. High-Income Households

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Adults who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	63.063	5.587	2014
Children who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	53.488	2.017	2014
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	174.627	6.540	2014
People under age 65 with health insurance	505.263	30.358	2014
People under age 65 with any private health insurance	871.765	97.298	2014
Adults age 65 and over with any private health insurance	115.831	21.681	2014
People under age 65 who were uninsured all year	365.854	15.811	2014
People under age 65 with any period of uninsurance during the year	256.731	21.309	2014
People with a specific source of ongoing care	161.644	16.364	2014
People with a usual primary care provider	47.059	7.718	2014
People in fair or poor health with a specific source of ongoing care	230.233	6.659	2014
People who were unable to get or delayed in getting needed medical care in the last 12 months	88.571	5.316	2014
People who were unable to get or delayed in getting needed dental care in the last 12 months	148.571	7.752	2014
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	60.000	4.025	2014
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	50.000	4.602	2014
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	164.948	8.123	2014
Children who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	140.217	3.686	2014
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	198.000	7.379	2014
Children who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	127.273	2.800	2014
Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	6.514	1.869	2014

Hispanics vs. Non-Hispanic Whites

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
People who were unable to get or delayed in getting needed medical care in the last 12 months	-42.000	-4.950	2014
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	-45.000	-4.243	2014
Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
People who were unable to get or delayed in getting needed dental care in the last 12 months	-12.069	-1.237	2014
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	-2.020	-0.705	2014
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	9.790	1.317	2014
Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Adults who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	58.036	5.188	2014
Children who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	63.415	2.820	2014
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	44.144	2.944	2014
People under age 65 with health insurance	162.887	29.340	2014
People under age 65 with any private health insurance	123.574	34.450	2014
Adults age 65 and over with any private health insurance	68.202	18.294	2014
People under age 65 who were uninsured all year	188.608	12.331	2014
People under age 65 with any period of uninsurance during the year	108.511	15.646	2014
People with a specific source of ongoing care	89.899	13.267	2014
People with a usual primary care provider	57.214	10.086	2014
People in fair or poor health with a specific source of ongoing care	88.158	4.679	2014
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	85.950	6.450	2014
Children who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	52.542	2.013	2014
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	79.365	4.856	2014
Children who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	82.222	2.295	2014

Blacks vs. Whites

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
People under age 65 with health insurance	3.008	0.800	2014
People under age 65 who were uninsured all year	12.931	1.744	2014
People in fair or poor health with a specific source of ongoing care	-9.890	-0.772	2014
People who were unable to get or delayed in getting needed medical care in the last 12 months	-15.556	-1.941	2014
People who were unable to get or delayed in getting needed dental care in the last 12 months	5.263	0.600	2014
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	-8.333	-1.061	2014
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	-3.041	-0.913	2014
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	-5.517	-0.800	2014
Children who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	0.763	0.038	2014
Children who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	22.642	0.813	2014
Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Adults who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	38.333	3.807	2014
Children who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	81.250	3.000	2014
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	22.881	1.985	2014
People under age 65 with any private health insurance	58.383	18.940	2014
Adults age 65 and over with any private health insurance	36.307	10.020	2014
People under age 65 with any period of uninsurance during the year	13.080	2.916	2014
People with a specific source of ongoing care	13.675	2.385	2014
People with a usual primary care provider	26.106	5.455	2014
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	35.606	2.839	2014
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	55.072	3.858	2014

Asians vs. Whites

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
People under age 65 with health insurance	-18.797	-3.283	2014
People under age 65 with any private health insurance	-17.665	-4.538	2014
People under age 65 who were uninsured all year	-22.414	-2.525	2014
People under age 65 with any period of uninsurance during the year	-13.502	-2.044	2014
People who were unable to get or delayed in getting needed medical care in the last 12 months	-51.111	-5.143	2014
People who were unable to get or delayed in getting needed dental care in the last 12 months	-26.316	-2.236	2014
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	-55.556	-5.547	2014
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	-18.412	-3.447	2014
Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Children who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	56.250	1.611	2014
People with a specific source of ongoing care	12.821	1.581	2014
People in fair or poor health with a specific source of ongoing care	36.264	1.045	2014
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	-14.483	-1.300	2014
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	26.515	1.400	2014
Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Adults who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	109.167	6.354	2014
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	64.407	2.610	2014
Adults age 65 and over with any private health insurance	39.419	6.812	2014
People with a usual primary care provider	25.221	3.004	2014
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	100.000	3.742	2014

Native Hawaiians and Other Pacific Islanders vs. Whites

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
People under age 65 with any period of uninsurance during the year	2.692	0.104	2013
People with a usual primary care provider	11.489	0.401	2013
People under age 65 with health insurance	-8.271	-0.207	2014
People with a specific source of ongoing care	-22.222	-0.682	2014
Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
People under age 65 with any private health insurance	76.347	3.181	2014

American Indians and Alaska Natives vs. Whites

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
People under age 65 who were uninsured all year	42.241	1.348	2014
People with a specific source of ongoing care	19.658	0.913	2014
People with a usual primary care provider	-5.310	-0.253	2014
People in fair or poor health with a specific source of ongoing care	86.813	1.428	2014
People who were unable to get or delayed in getting needed dental care in the last 12 months	8.772	0.327	2014
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	-18.243	-1.693	2014
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	38.255	1.376	2013
Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
People under age 65 with health insurance	112.782	7.071	2014
People under age 65 with any private health insurance	95.509	11.617	2014
Adults age 65 and over with any private health insurance	37.759	2.917	2014
People under age 65 with any period of uninsurance during the year	51.899	2.389	2014

4. Quality Disparities by Income, Ethnicity, and Race

Poor Households vs. High-Income Households

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling, age 18 and over	-18.750	-2.121	2014
Obstetric trauma per 1,000 vaginal deliveries without instrument assistance	-40.084	-16.292	2014
Obstetric trauma per 1,000 instrument-assisted vaginal deliveries	-26.168	-7.573	2014
Adults with limited English proficiency who had usual source of care	-19.021	-2.452	2014
Deaths per 1,000 hospital admissions with congestive heart failure, age 18 and over	-11.413	-5.824	2014
People age 12 and over who needed treatment for illicit drug use and who received such treatment at a specialty facility in the last 12 months	-11.864	-3.671	2015
People age 12 and over who needed treatment for an alcohol problem and who received such treatment at a specialty facility in the last 12 months	-10.443	-4.514	2015
Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child	-40.202	-9.852	2014
Men age 75 and over without prostate cancer who had a PSA test or a digital rectal exam for prostate cancer screening within the past year	-23.559	-8.229	2010
Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Postoperative hemorrhage or hematoma with surgical drainage or evacuation per 1,000 surgical admissions, age 18 and over	0.858	0.400	2014
Postoperative pulmonary embolism or deep vein thrombosis per 1,000 surgical admissions, age 18 and over	-0.484	-0.512	2014
Postoperative respiratory failure per 1,000 elective-surgery admissions, age 18 and over	4.480	2.634	2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age 18 and over	1.938	1.387	2014
Hospital admissions with accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age <18 years	12.766	1.414	2014
Hospital admissions with iatrogenic pneumothorax per 1,000 medical and surgical admissions, age 18 and over	-1.075	-0.707	2014
Deaths per 1,000 elective-surgery admissions having developed specified complications of care during hospitalization, ages 18-89 or obstetric admissions	6.869	4.856	2014
Birth trauma-injury to neonate per 1,000 live births	-2.139	-0.281	2014
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	29.412	0.693	2014
Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults	21.429	1.166	2014
Hospital admissions with perforations or abscesses of appendix per 1,000 admissions with appendicitis, age 18 and over	2.530	1.593	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Women with clinical Stage I-IIb breast cancer who received axillary node dissection or sentinel lymph node biopsy at the time of surgery (lumpectomy or mastectomy)	-5.085	-0.372	2013
Patients with colon cancer who received surgical resection of colon cancer that included at least 12 lymph nodes pathologically examined	17.333	0.756	2013
Adults with hypertension with blood pressure less than 140/90 mm/Hg	10.220	0.859	2014
Deaths per 1,000 hospital admissions with acute myocardial infarction, age 18 and over	0.224	0.128	2014
Deaths per 1,000 hospital admissions with abdominal aortic aneurysm repair, age 18 and over	8.088	0.889	2014
Adults age 40 and over with diagnosed diabetes who received 2 or more hemoglobin A1c measurements in the calendar year	23.581	1.023	2014
Adults age 40 and over with diagnosed diabetes who had their feet checked for sores or irritation in the calendar year	8.456	0.579	2014
Adults age 40 and over with diagnosed diabetes who received a flu vaccination in the calendar year	-15.012	-1.529	2014
Adults age 40 and over with diabetes whose condition was diagnosed	6.699	0.214	2014
Adults age 40 and over with diagnosed diabetes with total cholesterol less than 200 mg/dL	60.410	1.820	2012
Adults age 40 and over with diagnosed diabetes with blood pressure less than 130/80 mm Hg	7.298	0.664	2014
Adults with a major depressive episode in the last 12 months who received treatment	18.929	1.743	2015
Children ages 12-17 with a major depressive episode in the last 12 months who received treatment	0.506	0.074	2015
Adults with chronic joint symptoms who have ever seen a doctor or other health professional for joint symptoms	-6.143	-0.794	2014
Deaths per 1,000 hospital admissions with pneumonia, age 18 and over	-0.490	-0.200	2014
People with current asthma who are now taking preventive medicine daily or almost daily (either oral or inhaler)	1.951	0.544	2014
People with current asthma who receive written asthma management plans from their health provider	-3.783	-0.666	2013
Adult current smokers with a checkup in the last 12 months who received advice to quit smoking	6.711	0.456	2014
Children ages 2-19 with obesity who had been told by a doctor or health professional that they were overweight	15.991	0.724	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	9.870	2.019	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	12.605	1.631	2014
Adults age 65 and over who received an influenza vaccination in the last 12 months	11.232	0.873	2014
Adults ages 18-64 at high risk (e.g., COPD) who ever received pneumococcal vaccination	-3.350	-1.464	2014
Children ages 19-35 months who received 3 or more doses of hepatitis B vaccine	7.595	0.441	2014
Adolescents ages 16-17 years who received 1 or more doses of meningococcal conjugate vaccine	26.380	1.720	2014
Adolescent females ages 13-15 years who received 3 or more doses of human papillomavirus vaccine	-6.144	-1.202	2014
Adolescent females ages 16-17 years who received 3 or more doses of human papillomavirus vaccine	2.743	0.280	2014
Adolescent males ages 13-15 years who received 3 or more doses of human papillomavirus vaccine	-9.577	-2.405	2014
Adolescent males ages 16-17 years who received 3 or more doses of human papillomavirus vaccine	-0.137	-0.024	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adolescents ages 16-17 years who received 1 or more doses of tetanus-diphtheria-acellular pertussis (Tdap) vaccine	31.667	1.610	2014
Children ages 6 months to 17 years who received influenza vaccination in the past 12 months	3.580	0.524	2014
Children ages 3-5 who ever had their vision checked by a health provider	22.337	1.491	2014
Children 0-40 lb for whom a health provider gave advice within the past 2 years about using a child safety seat while riding in the car	0.000	0.000	2014
Children 41-80 lb for whom a health provider gave advice within the past 2 years about using a booster seat when riding in the car	-3.253	-0.454	2014
Children over 80 lb for whom a health provider gave advice within the past 2 years about using lap or shoulder belts when riding in a car	1.994	0.375	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle	5.719	1.190	2014
Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Postoperative sepsis per 1,000 elective-surgery admissions of length 4 or more days, age 18 and over	14.375	6.379	2014
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	24.138	6.261	2014
Postoperative physiologic and metabolic derangements per 1,000 elective-surgery admissions, age 18 and over	40.000	12.000	2014
Reclosure of postoperative abdominal wound dehiscence per 1,000 abdominopelvic-surgery admissions of length 2 or more days, age 18 and over	41.237	3.763	2014
Deaths per 1,000 hospital admissions with expected low mortality, age 18 and over or obstetric admissions	20.690	2.683	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	92.727	4.954	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	100.000	4.589	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	118.919	5.458	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	74.026	4.888	2014
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	157.534	9.178	2014
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	46.875	4.411	2014
People with a usual source of care who usually asks about prescription medications and treatments from other doctors	23.243	2.892	2014
Emergency department visits with a principal diagnosis related to mental health only per 100,000 population	111.796	8.356	2014
Emergency department visits with a principal diagnosis related to substance abuse only per 100,000 population	61.351	4.488	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Emergency department visits with a principal diagnosis related to co-occurring mental health, alcohol, and substance abuse per 100,000 population	107.143	6.708	2014
Emergency department visits for asthma per 100,000 population (including inpatient admissions), ages 18-39	198.062	10.736	2014
Emergency department visits for asthma per 100,000 population (including inpatient admissions), ages 2-17	176.071	6.370	2014
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, age 18 and over	293.846	12.848	2014
Hospital admissions with diabetes with short-term complications per 100,000 population, age 18 and over	213.270	17.943	2014
Hospital admissions with diabetes with short-term complications per 100,000 population, ages 6-17	108.125	3.548	2014
Hospital admissions with diabetes with long-term complications per 100,000 population, age 18 and over	181.532	15.983	2014
Lower extremity amputations among admissions for diabetes per 100,000 population, age 18 and over	224.742	16.769	2014
Hospital admissions for asthma per 100,000 population, ages 18-39	194.048	12.660	2014
Hospital admissions for asthma per 100,000 population, ages 2-17	133.992	4.998	2014
Emergency department visits for congestive heart failure per 100,000 population (including inpatient admissions), age 18 and over	124.092	10.602	2014
Hospital admissions with perforations or abscesses of appendix per 1,000 admissions with appendicitis, ages 1-17	22.207	6.320	2014
Avoidable admissions for hypertension per 100,000 population, age 18 and over	181.620	14.017	2014
Hospital admissions for dehydration per 100,000 population, age 18 and over	71.200	10.061	2014
Admissions for angina without cardiac procedure per 100,000 population, age 18 and over	120.732	9.616	2014
Hospital admissions with chronic obstructive pulmonary disease or asthma per 100,000 population, age 40 and over	185.467	17.019	2014
Hospital admissions for bacterial pneumonia per 100,000 population, age 18 and over	103.281	14.081	2014
Hospital admissions for urinary tract infection per 100,000 population, age 18 and over	65.604	8.993	2014
Hospital admissions for urinary tract infection per 100,000 population, ages 3 months to 17 years	116.384	5.482	2014
Hospital admissions for pediatric gastroenteritis per 100,000 population, ages 3 months to 17 years	68.182	3.606	2014
Women under age 70 treated for breast cancer with breast-conserving surgery who received radiation therapy to the breast within 1 year of diagnosis	157.692	4.629	2013
Hospital admissions for heart failure per 100,000 population, age 18 and over	98.771	12.646	2014
Deaths per 1,000 hospital admissions with coronary artery bypass graft, age 40 and over	51.852	8.963	2014
Deaths per 1,000 hospital admissions with percutaneous coronary intervention, age 40 and over	10.204	4.160	2014
Adults age 40 and over with diagnosed diabetes who received a dilated eye examination in the calendar year	67.407	3.893	2014
Infants who received breastfeeding through 3 months	47.303	8.947	2012
Adults age 20 and over with obesity who had been told by a doctor or health professional that they were overweight	21.254	2.154	2014
Children ages 2-5 with obesity	141.667	2.809	2014
Children ages 6-11 with obesity	76.230	3.133	2014
Children ages 12-19 with obesity	63.504	2.628	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Adults with obesity who ever received advice from a health professional to exercise more	18.182	2.423	2014
Adults with obesity who ever received advice from a health professional about eating fewer high-fat or high-cholesterol foods	16.009	2.863	2014
Women ages 50-74 who received a mammogram in the last 2 years	138.889	10.518	2013
Women ages 21-65 who received a Pap smear in the last 3 years	171.545	13.480	2013
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	181.633	13.267	2014
Adults who received a blood cholesterol measurement in the last 5 years	99.020	10.100	2014
Adults ages 18-64 at high risk (e.g., COPD) who received an influenza vaccination in the past 12 months	30.044	3.588	2014
Adult age 18 and over who received an influenza vaccination in the past 12 months	31.809	9.829	2014
Hospital admissions for immunization-preventable influenza per 100,000 population, age 65 and over	18.221	2.197	2014
Adults age 65 and over who ever received pneumococcal vaccination	43.207	6.222	2014
Children ages 19-35 months who received 4 or more doses of diphtheria-tetanus-pertussis vaccine	159.494	7.425	2014
Children ages 19-35 months who received 3 or more doses of polio vaccine	65.957	2.421	2014
Children ages 19-35 months who received 1 or more doses of measles-mumps-rubella vaccine	116.667	4.373	2014
Children ages 19-35 months who received 1 or more doses of varicella vaccine	62.903	2.744	2014
Adolescents ages 13-15 years who received 1 or more doses of meningococcal conjugate vaccine	21.637	1.989	2014
Adolescents ages 13-15 years who received 1 or more doses of tetanus-diphtheria-acellular pertussis (Tdap) vaccine	60.241	3.599	2014
Children who had their height and weight measured by a health provider within the past 2 years	94.118	3.986	2014
Children ages 2 -17 who had a dental visit in the calendar year	69.592	7.849	2014
Children ages 0-17 who had a wellness checkup in the last 12 months	80.952	6.963	2014
People under age 65 whose family's health insurance premiums and out-of-pocket medical expenditures were more than 10% of total family income	226.667	11.873	2014
People without a usual source of care who indicate a financial or insurance reason for not having a source of care	256.044	8.962	2014
People unable to get or delayed in getting needed medical care due to financial or insurance reasons	70.361	5.656	2014
People unable to get or delayed in getting needed dental care due to financial or insurance reasons	25.671	2.791	2014
People unable to get or delayed in getting needed prescription medicines due to financial or insurance reasons	53.092	4.400	2014

Hispanics vs. Non-Hispanic Whites

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling, age 18 and over	-53.333	-5.657	2014
Hospital admissions with iatrogenic pneumothorax per 1,000 medical and surgical admissions, age 18 and over	-10.526	-4.472	2014
Birth trauma-injury to neonate per 1,000 live births	-16.418	-2.375	2014
Obstetric trauma per 1,000 vaginal deliveries without instrument assistance	-32.333	-14.454	2014
Obstetric trauma per 1,000 instrument-assisted vaginal deliveries	-18.112	-5.477	2014
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	-45.455	-2.343	2004
Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults	-35.246	-2.817	2014
Long-stay nursing home residents with a urinary tract infection	-20.588	-13.728	2013
Hospital admissions with diabetes with short-term complications per 100,000 population, age 18 and over	-14.018	-2.621	2014
Hospital admissions with diabetes with short-term complications per 100,000 population, ages 6-17	-27.709	-1.963	2014
Hospital admissions for asthma per 100,000 population, ages 18-39	-18.045	-2.471	2014
Home health care patients who had an emergency department visit and were then hospitalized	-17.045	-55.709	2013
Hospital admissions with perforations or abscesses of appendix per 1,000 admissions with appendicitis, age 18 and over	-16.604	-12.127	2014
Home health care patients who needed urgent, unplanned medical care	-18.396	-61.664	2013
Hospital admissions for dehydration per 100,000 population, age 18 and over	-14.361	-2.346	2014
Hospital admissions with chronic obstructive pulmonary disease or asthma per 100,000 population, age 40 and over	-14.807	-2.022	2014
Women with clinical Stage I-IIb breast cancer who received axillary node dissection or sentinel lymph node biopsy at the time of surgery (lumpectomy or mastectomy)	-15.789	-2.846	2013
Breast cancer deaths per 100,000 female population	-29.612	-19.290	2014
Colorectal cancer deaths per 100,000 population	-22.222	-14.311	2014
Lung cancer deaths per 100,000 population	-59.692	-85.698	2014
Suicide deaths per 100,000 population	-61.809	-86.974	2014
Long-stay nursing home residents who are more depressed or anxious	-17.333	-12.748	2013
People with current asthma who receive written asthma management plans from their health provider	-10.492	-2.132	2013
Infant mortality per 1,000 live births, birth weights >2,499 g	-20.000	-14.142	2013
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	-12.766	-2.174	2014
Long-stay nursing home residents whose need for help with daily activities has increased	-10.227	-8.955	2013
Long-stay nursing home residents who have moderate to severe pain	-37.037	-39.223	2013
Long-stay nursing home residents who lose too much weight	-26.042	-24.515	2013
Low-risk long-stay nursing home residents who lose control of their bowels or bladder	-11.581	-16.444	2013

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
Home health care patients who have less pain when moving around	-19.018	-65.354	2013
Breast cancer diagnosed at advanced stage per 100,000 women age 40 and over	-18.889	-15.784	2013
Adolescents ages 13-15 years who received 1 or more doses of meningococcal conjugate vaccine	-30.088	-3.801	2014
Adolescent females ages 13-15 years who received 3 or more doses of human papillomavirus vaccine	-20.143	-3.874	2014
Adolescent males ages 13-15 years who received 3 or more doses of human papillomavirus vaccine	-14.934	-3.912	2014
Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child	-25.394	-6.503	2014
Children 41-80 lb for whom a health provider gave advice within the past 2 years about using a booster seat when riding in the car	-13.419	-2.346	2014
Children over 80 lb for whom a health provider gave advice within the past 2 years about using lap or shoulder belts when riding in a car	-11.854	-2.507	2014
Home health patients who had influenza vaccination during flu season	-18.868	-134.096	2013
Home health patients who had pneumococcal polysaccharide vaccination	-21.862	-196.454	2013
People under age 65 whose family's health insurance premiums and out-of-pocket medical expenditures were more than 10% of total family income	-27.273	-4.800	2014
Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adult surgery patients with postoperative catheter-associated urinary tract infection, age 18 and over	13.333	0.417	2014
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	-1.639	-0.447	2014
Adult surgery patients with postoperative pneumonia events, age 18 and over	48.734	0.853	2013
Adult surgery patients with postoperative venous thromboembolic events, age 18 and over	47.368	0.224	2010
Postoperative hemorrhage or hematoma with surgical drainage or evacuation per 1,000 surgical admissions, age 18 and over	-4.825	-1.739	2014
Postoperative pulmonary embolism or deep vein thrombosis per 1,000 surgical admissions, age 18 and over	2.972	2.203	2014
Postoperative respiratory failure per 1,000 elective-surgery admissions, age 18 and over	7.778	4.186	2014
Reclosure of postoperative abdominal wound dehiscence per 1,000 abdominopelvic-surgery admissions of length 2 or more days, age 18 and over	-5.785	-0.553	2014
Mechanical adverse events in adult patients receiving central venous catheter placement, age 18 and over	21.522	0.606	2011
Hospital admissions with accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age <18 years	5.660	0.671	2014
Deaths per 1,000 elective-surgery admissions having developed specified complications of care during hospitalization, ages 18-89 or obstetric admissions	1.851	1.104	2014
Deaths per 1,000 hospital admissions with expected low mortality, age 18 and over or obstetric admissions	3.333	0.447	2014
Hospital patients with an anticoagulant-related adverse drug event to warfarin, age 18 and over	53.547	1.441	2011
Hospital patients who received an anticoagulant who had an adverse drug event with intravenous heparin, age 18 and over	-3.727	-0.134	2013

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Hospital patients with an anticoagulant-related adverse drug event to low-molecular-weight heparin and factor Xa, age 18 and over	39.437	1.349	2014
Hospital patients who received a hypoglycemic agent who had an adverse drug event with hypoglycemic agents, age 18 and over	-12.372	-0.866	2014
Low-risk long-stay nursing home residents with a catheter inserted and left in their bladder	4.444	1.961	2013
Hospice patient caregivers who perceived patient was referred to hospice at the right time	-5.208	-1.213	2014
Hospital admissions with perforations or abscesses of appendix per 1,000 admissions with appendicitis, ages 1-17	5.098	1.796	2014
Home health care patients who had to be admitted to the hospital	-2.066	-7.906	2013
Home health patients who had timely initiation of care	-0.542	-12.127	2013
Hospital admissions for bacterial pneumonia per 100,000 population, age 18 and over	-12.109	-1.880	2014
Hospital admissions for urinary tract infection per 100,000 population, ages 3 months to 17 years	22.052	1.476	2014
Hospital admissions for pediatric gastroenteritis per 100,000 population, ages 3 months to 17 years	14.248	0.915	2014
Patients with colon cancer who received surgical resection of colon cancer that included at least 12 lymph nodes pathologically examined	4.167	0.549	2013
Adults with hypertension with blood pressure less than 140/90 mm/Hg	-10.590	-1.453	2014
Deaths per 1,000 hospital admissions with acute myocardial infarction, age 18 and over	3.505	1.596	2014
Hospital admissions for heart failure per 100,000 population, age 18 and over	15.819	1.868	2014
Deaths per 1,000 hospital admissions with congestive heart failure, age 18 and over	-6.153	-2.250	2014
Deaths per 1,000 hospital admissions with abdominal aortic aneurysm repair, age 18 and over	19.919	1.422	2014
Deaths per 1,000 hospital admissions with coronary artery bypass graft, age 40 and over	7.825	1.239	2014
Dialysis patients under age 70 who were registered on a waiting list for transplantation within a year of initiation	2.703	5.547	2014
Patients with treated chronic kidney failure who received a transplant within 3 years of date of renal failure	9.383	20.190	2011
Adults age 40 and over with diagnosed diabetes who received a dilated eye examination in the calendar year	18.785	1.717	2014
Adults age 40 and over with diagnosed diabetes who received a flu vaccination in the calendar year	2.813	0.302	2014
Adults age 40 and over with diabetes whose condition was diagnosed	26.961	1.111	2014
Home health patients who had diabetic foot care and patient education-short stay	-0.213	-3.162	2013
Adults age 40 and over with diagnosed diabetes with blood pressure less than 130/80 mm Hg	3.549	0.356	2014
Children ages 12-17 with a major depressive episode in the last 12 months who received treatment	8.586	1.494	2015
People age 12 and over who needed treatment for illicit drug use and who received such treatment at a specialty facility in the last 12 months	0.857	0.214	2015
People age 12 and over who needed treatment for an alcohol problem and who received such treatment at a specialty facility in the last 12 months	1.410	0.744	2015
Number of discharges from substance abuse treatment for persons age 12 and over and percent who completed treatment	-2.194	-9.931	2012
Deaths per 1,000 hospital admissions with pneumonia, age 18 and over	2.242	0.770	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Patients with tuberculosis who completed a curative course of treatment within 1 year of initiation of treatment	-19.130	-1.930	2012
People with current asthma who are now taking preventive medicine daily or almost daily (either oral or inhaler)	-3.548	-0.950	2014
Live-born infants with low birth weight (<2,500 g)	1.429	3.536	2014
Women who completed a pregnancy in the last 12 months who received early and adequate prenatal care	1.653	49.497	2014
Children ages 2-19 with obesity who had been told by a doctor or health professional that they were overweight	-4.780	-0.586	2014
Children ages 12-19 with obesity	16.327	1.078	2014
Adults with obesity who ever received advice from a health professional to exercise more	6.631	1.135	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	-7.547	-1.885	2014
Adults with obesity who ever received advice from a health professional about eating fewer high-fat or high-cholesterol foods	-1.613	-0.404	2014
Home health care patients who get better at bathing	5.397	17.920	2013
Home health care patients who stayed at home after an episode of home health care ended	-6.272	-24.725	2013
Short-stay nursing home residents who had moderate to severe pain	-6.283	-5.970	2013
Colorectal cancer diagnosed at advanced stage per 100,000 men and women age 50 and over	-9.538	-6.535	2013
Hospital admissions for immunization-preventable influenza per 100,000 population, age 65 and over	23.235	1.657	2014
Adults ages 18-64 at high risk (e.g., COPD) who ever received pneumococcal vaccination	5.823	3.190	2014
Children ages 19-35 months who received 4 or more doses of diphtheria-tetanus-pertussis vaccine	0.690	0.064	2014
Children ages 19-35 months who received 3 or more doses of polio vaccine, United State	-7.463	-0.447	2014
Children ages 19-35 months who received 1 or more doses of measles-mumps-rubella vaccine	-7.955	-0.600	2014
Children ages 19-35 months who received 3 or more doses of hepatitis B vaccine	-12.903	-0.958	2014
Children ages 19-35 months who received 1 or more doses of varicella vaccine	-18.557	-1.543	2014
Adolescents ages 16-17 years who received 1 or more doses of meningococcal conjugate vaccine	2.427	0.179	2014
Adolescent females ages 16-17 years who received 3 or more doses of human papillomavirus (HPV) vaccine	-4.492	-0.489	2014
Adolescent males ages 16-17 years who received 3 or more doses of human papillomavirus vaccine	-4.639	-0.862	2014
Adolescents ages 13-15 years who received 1 or more doses of tetanus-diphtheria-acellular pertussis (Tdap) vaccine	9.259	0.657	2014
Adolescents ages 16-17 years who received 1 or more doses of tetanus-diphtheria-acellular pertussis (Tdap) vaccine	28.455	1.456	2014
Children ages 6 months to 17 years who received influenza vaccination in the past 12 months	-9.091	-1.744	2014
Children ages 3-5 who ever had their vision checked by a health provider	16.358	1.246	2014
Children 0-40 lb for whom a health provider gave advice within the past 2 years about using a child safety seat while riding in the car	1.117	0.115	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle	-6.471	-1.696	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Men age 75 and over without prostate cancer who had a PSA test or a digital rectal exam for prostate cancer screening within the past year	-9.043	-2.236	2010
People unable to get or delayed in getting needed dental care due to financial or insurance reasons	9.371	2.199	2014
Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Postoperative sepsis per 1,000 elective-surgery admissions of length 4 or more days, age 18 and over	42.004	14.361	2014
Postoperative physiologic and metabolic derangements per 1,000 elective-surgery admissions, age 18 and over	65.644	19.869	2014
Home health care patients whose surgical wound was improved	17.757	10.879	2013
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age 18 and over	10.980	6.791	2014
Home health care patients who get better at taking their medication correctly	26.582	120.686	2013
Long-stay nursing home residents who were physically restrained	28.571	3.922	2013
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	57.895	4.093	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	87.179	5.068	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	68.182	3.721	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	49.383	3.885	2014
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	27.660	2.756	2014
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	39.850	4.342	2014
Hospice patients who received the right amount of help for feelings of anxiety or sadness	52.941	6.364	2014
Family caregivers who did not want more information about what to expect while the patient was dying	17.857	4.903	2014
Hospice patients who received care consistent with their stated end-of-life wishes	120.930	12.612	2014
People with a usual source of care who usually asks about prescription medications and treatments from other doctors	15.897	2.279	2014
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, age 18 and over	106.349	4.576	2014
Hospital admissions with diabetes with long-term complications per 100,000 population, age 18 and over	92.256	6.947	2014
Lower extremity amputations among admissions for diabetes per 100,000 population, age 18 and over	97.224	6.646	2014
Hospital admissions for asthma per 100,000 population, ages 2-17	35.064	2.056	2014
Admissions with hypertension per 100,000 population, age 18 and over	74.493	4.680	2014
Admissions for angina without cardiac procedure per 100,000 population, age 18 and over	41.717	3.680	2014
Hospital admissions for urinary tract infection per 100,000 population, age 18 and over	25.237	2.645	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Women under age 70 treated for breast cancer with breast-conserving surgery who received radiation therapy to the breast within 1 year of diagnosis	95.833	9.021	2013
Deaths per 1,000 hospital admissions with percutaneous coronary intervention, age 40 and over	15.666	4.683	2014
End stage renal disease patients age 18 and over who saw a nephrologist at least 12 months prior to initiation of renal replacement therapy	20.066	28.676	2014
Adults age 40 and over with diagnosed diabetes who received 2 or more hemoglobin A1c measurements in the calendar year	55.721	2.691	2014
Adults age 40 and over with diagnosed diabetes who had their feet checked for sores or irritation in the calendar year	55.794	3.575	2014
Adjusted incident rates of end stage renal disease due to diabetes per million population	171.067	57.797	2014
HIV infection deaths per 100,000 population	122.222	10.786	2014
Adults with a major depressive episode in the last 12 months who received treatment	35.714	3.159	2015
Adults with chronic joint symptoms who have ever seen a doctor or other health professional for joint symptoms	32.714	4.373	2014
Infants who received breastfeeding through 3 months	14.918	3.618	2012
Adult current smokers with a checkup in the last 12 months who received advice to quit smoking	34.551	2.659	2014
Adults age 20 and over with obesity who had been told by a doctor or health professional that they were overweight	26.923	3.263	2014
Children ages 2-5 with obesity	200.000	5.200	2014
Children ages 6-11 with obesity	83.824	4.670	2014
Home health care patients who get better at walking or moving around	15.364	60.083	2013
Home health care patients who get better at getting in and out of bed	14.770	64.300	2013
Home health patients who had improvement in toileting	22.483	64.174	2013
Home health care patients who have less shortness of breath	40.000	117.526	2013
Home health care patients who have less urinary incontinence	25.856	107.517	2013
Home health patients who had improvement in upper body dressing	13.732	41.110	2013
Home health patients who had improvement in confusion frequency	19.196	83.010	2013
Women ages 50-74 who received a mammogram in the last 2 years	24.719	3.009	2013
Women ages 21-65 who received a Pap smear in the last 3 years	32.370	4.469	2013
Cervical cancer diagnosed at advanced stage per 100,000 women age 20 and over	34.021	10.436	2013
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	97.015	9.690	2014
Adults who received a blood cholesterol measurement in the last 5 years	17.361	2.906	2014
Adults ages 18-64 at high risk (e.g., COPD) who received an influenza vaccination in the past 12 months	15.851	2.481	2014
Adults age 18 and over who received an influenza vaccination in the past 12 months	25.187	9.718	2014
Adults age 65 and over who received an influenza vaccination in the last 12 months	21.739	2.094	2014
Adults age 65 and over who ever received pneumococcal vaccination	55.241	8.008	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Children who had their height and weight measured by a health provider within the past 2 years	58.065	3.637	2014
Children ages 2 -17 who had a dental visit in the calendar year	28.784	5.188	2014
Children ages 0-17 who had a wellness checkup in the last 12 months	43.537	5.917	2014
Long-stay nursing home residents who had flu vaccination appropriately given	32.941	27.456	2013
Long-stay nursing home residents who were assessed and given pneumococcal vaccination	67.273	36.281	2013
Short-stay nursing home residents who had flu vaccination appropriately given	55.906	69.621	2013
Short-stay nursing home residents who were assessed and given pneumococcal vaccination	55.200	67.660	2013
People without a usual source of care who indicate a financial or insurance reason for not having a source of care	112.162	6.496	2014
People unable to get or delayed in getting needed medical care due to financial or insurance reasons	24.568	2.646	2014
People unable to get or delayed in getting needed prescription medicines due to financial or insurance reasons	29.422	3.693	2014

Blacks

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling, age 18 and over	-26.667	-2.828	2014
Birth trauma-injury to neonate per 1,000 live births	-18.905	-2.735	2014
Obstetric trauma per 1,000 vaginal deliveries without instrument assistance	-50.837	-23.920	2014
Obstetric trauma per 1,000 instrument-assisted vaginal deliveries	-35.574	-10.869	2014
Long-stay nursing home residents who were physically restrained	-14.286	-7.071	2013
Long-stay nursing home residents with a urinary tract infection	-30.882	-20.592	2013
Adult hospital patients who sometimes or never had good communication about medications they received in the hospital	-13.418	-21.662	2015
Hospice patient caregivers who perceived patient was referred to hospice at the right time	-15.625	-4.743	2014
People with a usual source of care who usually asks about prescription medications and treatments from other doctors	-14.925	-2.822	2014
Adults with hypertension with blood pressure less than 140/90 mm/Hg	-28.744	-3.999	2014
Deaths per 1,000 hospital admissions with congestive heart failure, age 18 and over	-28.659	-15.012	2014
Stroke patients prescribed statin medication at hospital discharge	-18.421	-7.826	2014
Suicide deaths per 100,000 population	-62.712	-78.489	2014
Long-stay nursing home residents who are more depressed or anxious	-13.333	-9.806	2013
Deaths per 1,000 hospital admissions with pneumonia, age 18 and over	-12.378	-4.955	2014
People with current asthma who receive written asthma management plans from their health provider	-10.099	-2.195	2013
Adults with obesity who ever received advice from a health professional to exercise more	-12.694	-2.770	2014
Long-stay nursing home residents who have moderate to severe pain	-30.556	-32.359	2013

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
Long-stay nursing home residents who lose too much weight	-16.667	-15.689	2013
Adults who received a blood cholesterol measurement in the last 5 years	-14.189	-2.605	2014
Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child	-13.356	-3.645	2014
Children ages 0-17 who had a wellness checkup in the last 12 months	-13.690	-2.057	2014
Home health patients who had influenza vaccination during flu season	-13.477	-117.041	2013
Home health patients who had pneumococcal polysaccharide vaccination	-16.464	-192.899	2013
Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adult surgery patients with postoperative catheter-associated urinary tract infection, age 18 and over	30.196	1.165	2014
Adult surgery patients with postoperative pneumonia events, age 18 and over	2.532	0.066	2013
Postoperative respiratory failure per 1,000 elective-surgery admissions, age 18 and over	3.651	2.135	2014
Reclosure of postoperative abdominal wound dehiscence per 1,000 abdominopelvic-surgery admissions of length 2 or more days, age 18 and over	-9.917	-1.025	2014
Adult patients receiving knee replacement with adverse events, age 18 and over	49.462	1.200	2011
Mechanical adverse events in adult patients receiving central venous catheter placement, age 18 and over	24.534	0.705	2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age 18 and over	9.804	7.906	2014
Hospital admissions with accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age <18 years	-3.774	-0.447	2014
Hospital admissions with iatrogenic pneumothorax per 1,000 medical and surgical admissions, age 18 and over	-9.474	-4.025	2014
Deaths per 1,000 elective-surgery admissions having developed specified complications of care during hospitalization, ages 18-89 or obstetric admissions	8.872	6.009	2014
Hospital patients with an anticoagulant-related adverse drug event to warfarin, age 18 and over	26.415	0.773	2013
Hospital patients who received an anticoagulant who had an adverse drug event with intravenous heparin, age 18 and over	6.369	0.309	2014
Hospital patients with an anticoagulant-related adverse drug event to low-molecular-weight heparin and factor Xa, age 18 and over	-4.507	-0.244	2014
Hospital patients who received a hypoglycemic agent who had an adverse drug event with hypoglycemic agents, age 18 and over	16.005	1.305	2014
Home health care patients who get better at taking their medication correctly	0.211	1.054	2013
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	-12.500	-0.400	2012
Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults	0.847	0.064	2014
Low-risk long-stay nursing home residents with a catheter inserted and left in their bladder	6.667	2.942	2013
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	18.750	1.543	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Hospital patients with heart failure who were given complete written discharge instructions	-1.887	-1.387	2013
Hospital admissions with perforations or abscesses of appendix per 1,000 admissions with appendicitis, age 18 and over	-5.466	-3.046	2014
Home health patients who had timely initiation of care	-3.362	-75.186	2013
Hospital admissions for bacterial pneumonia per 100,000 population, age 18 and over	7.167	1.609	2014
Hospital admissions for urinary tract infection per 100,000 population, ages 3 months to 17 years	-20.721	-1.877	2014
Hospital admissions for pediatric gastroenteritis per 100,000 population, ages 3 months to 17 years	-0.971	-0.075	2014
Women with clinical Stage I-IIb breast cancer who received axillary node dissection or sentinel lymph node biopsy at the time of surgery (lumpectomy or mastectomy)	-1.754	-0.447	2013
Lung cancer deaths per 100,000 population per year	3.730	3.881	2014
Deaths per 1,000 hospital admissions with acute myocardial infarction, age 18 and over	-8.372	-4.558	2014
Acute myocardial infarction patients who received fibrinolytic medication within 30 minutes of arrival	10.204	0.496	2013
Deaths per 1,000 hospital admissions with abdominal aortic aneurysm repair, age 18 and over	-3.889	-0.331	2014
Deaths per 1,000 hospital admissions with coronary artery bypass graft, age 40 and over	4.373	0.711	2014
Deaths per 1,000 hospital admissions with percutaneous coronary intervention, age 40 and over	3.068	1.011	2014
Stroke patients who received venous thromboembolism prophylaxis	2.941	1.313	2014
Stroke patients with documentation that they or their caregivers were given educational material addressing activation of emergency medical system, followup after discharge, educations prescribed at discharge, risk factors for stroke, warning signs, and symptoms of stroke	-4.545	-2.095	2014
End stage renal disease patients age 18 and over who saw a nephrologist at least 12 months prior to initiation of renal replacement therapy	9.321	17.018	2014
Dialysis patients under age 70 who were registered on a waiting list for transplantation within a year of initiation	4.640	12.738	2014
Adults age 40 and over with diagnosed diabetes who received 2 or more hemoglobin A1c measurements in the calendar year	28.571	1.817	2014
Adults age 40 and over with diagnosed diabetes who received a dilated eye examination in the calendar year	0.525	0.057	2014
Adults age 40 and over with diagnosed diabetes who received a flu vaccination in the calendar year	10.178	1.333	2014
Adults age 40 and over with diabetes whose condition was diagnosed	29.412	1.195	2014
Home health patients who had diabetic foot care and patient education-short stay	1.173	24.597	2013
Adults age 40 and over with diagnosed diabetes with total cholesterol less than 200 mg/dL	11.388	0.483	2012
Children ages 12-17 with a major depressive episode in the last 12 months who received treatment	-6.393	-0.850	2015
People age 12 and over who needed treatment for illicit drug use and who received such treatment at a specialty facility in the last 12 months	0.490	0.130	2015
People age 12 and over who needed treatment for an alcohol problem and who received such treatment at a specialty facility in the last 12 months	-5.838	-2.246	2015
Number of discharges from substance abuse treatment for persons age 12 and over and percent who completed treatment	6.399	33.995	2012

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adults with chronic joint symptoms who have ever seen a doctor or other health professional for joint symptoms	4.211	0.547	2014
Patients with tuberculosis who completed a curative course of treatment within 1 year of initiation of treatment	4.950	0.581	2012
People with current asthma who are now taking preventive medicine daily or almost daily (either oral or inhaler)	-2.500	-0.785	2014
Women who completed a pregnancy in the last 12 months who received early and adequate prenatal care	-2.585	-21.573	2014
Children ages 2-19 with obesity who had been told by a doctor or health professional that they were overweight	6.310	0.965	2014
Children ages 12-19 with obesity	15.306	0.883	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	-1.056	-0.277	2014
Adults with obesity who ever received advice from a health professional about eating fewer high-fat or high-cholesterol foods	-0.604	-0.163	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	-7.160	-1.317	2014
Long-stay nursing home residents whose need for help with daily activities has increased	-3.409	-5.883	2013
Low-risk long-stay nursing home residents who lose control of their bowels or bladder	-9.354	-18.783	2013
Home health care patients who have less shortness of breath	7.761	30.431	2013
Home health care patients who have less urinary incontinence	1.141	5.571	2013
Home health patients who had improvement in confusion frequency	0.548	2.785	2013
Short-stay nursing home residents who had moderate to severe pain	-5.236	-9.806	2013
Home health care patients who have less pain when moving around	0.307	1.170	2013
Women ages 50-74 who received a mammogram in the last 2 years	-1.095	-0.152	2013
Women ages 21-65 who received a Pap smear in the last 3 years	-4.301	-0.638	2013
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	-7.407	-1.029	2014
Adults ages 18-64 at high risk (e.g., COPD) who received an influenza vaccination in the past 12 months	9.751	1.629	2014
Adults ages 18-64 at high risk (e.g., COPD) who ever received pneumococcal vaccination	-17.500	-1.781	2014
Children ages 19-35 months who received 3 or more doses of polio vaccine	25.000	1.324	2014
Children ages 19-35 months who received 1 or more doses of measles-mumps-rubella vaccine	15.476	0.874	2014
Children ages 19-35 months who received 3 or more doses of hepatitis B vaccine	-11.364	-0.894	2014
Children ages 19-35 months who received 1 or more doses of varicella vaccine	11.111	0.673	2014
Adolescents ages 13-15 years who received 1 or more doses of meningococcal conjugate vaccine	-11.823	-1.342	2014
Adolescents ages 16-17 years who received 1 or more doses of meningococcal conjugate vaccine	2.404	0.192	2014
Adolescent females ages 13-15 years who received 3 or more doses of human papillomavirus vaccine	-4.242	-0.802	2014
Adolescent females ages 16-17 years who received 3 or more doses of human papillomavirus vaccine	10.277	1.128	2014
Adolescent males ages 13-15 years who received 3 or more doses of human papillomavirus vaccine	-0.375	-0.108	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adolescent males ages 16-17 years who received 3 or more doses of human papillomavirus vaccine	-0.130	-0.028	2014
Adolescents ages 13-15 years who received 1 or more doses of tetanus-diphtheria-acellular pertussis (Tdap) vaccine	16.216	1.182	2014
Adolescents ages 16-17 years who received 1 or more doses of tetanus-diphtheria-acellular pertussis (Tdap) vaccine	-7.463	-0.545	2014
Children ages 6 months to 17 years who received influenza vaccination in the past 12 months	-3.750	-0.671	2014
Children ages 3-5 who ever had their vision checked by a health provider	-13.994	-1.115	2014
Children 0-40 lb for whom a health provider gave advice within the past 2 years about using a child safety seat while riding in the car	-7.242	-0.732	2014
Children 41-80 lb for whom a health provider gave advice within the past 2 years about using a booster seat when riding in the car	1.664	0.305	2014
Children over 80 lb for whom a health provider gave advice within the past 2 years about using lap or shoulder belts when riding in a car	3.791	0.794	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle	3.616	1.116	2014
People under age 65 whose family's health insurance premiums and out-of-pocket medical expenditures were more than 10% of total family income	-10.909	-1.800	2014
Doctor's office, emergency department, and outpatient department visits where antibiotics were prescribed for a diagnosis of common cold per 10,000 population	-1.831	-0.073	2011
Men age 75 and over without prostate cancer who had a PSA test or a digital rectal exam for prostate cancer screening within the past year	-7.487	-2.115	2010
People without a usual source of care who indicate a financial or insurance reason for not having a source of care	1.980	0.194	2014
People unable to get or delayed in getting needed medical care due to financial or insurance reasons	10.409	1.227	2014
People unable to get or delayed in getting needed dental care due to financial or insurance reasons	-5.256	-1.135	2014
Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Postoperative sepsis per 1,000 elective-surgery admissions of length 4 or more days, age 18 and over	14.322	5.459	2014
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	59.016	16.100	2014
Postoperative hemorrhage or hematoma with surgical drainage or evacuation per 1,000 surgical admissions, age 18 and over	22.368	9.470	2014
Postoperative pulmonary embolism or deep vein thrombosis per 1,000 surgical admissions, age 18 and over	25.711	26.130	2014
Postoperative physiologic and metabolic derangements per 1,000 elective-surgery admissions, age 18 and over	24.540	7.428	2014
Home health care patients whose surgical wound was improved	14.019	11.028	2013
Deaths per 1,000 hospital admissions with expected low mortality, age 18 and over or obstetric admissions	53.333	7.155	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	37.705	2.853	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	65.116	4.174	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	29.070	3.101	2014
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	37.113	4.025	2014
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	24.476	3.500	2014
Hospice patients who received the right amount of help for feelings of anxiety or sadness	69.767	8.485	2014
Family caregivers who did not want more information about what to expect while the patient was dying	17.857	6.063	2014
Hospice patients who received care consistent with their stated end-of-life wishes	147.727	15.765	2014
Adult hospital patients who did not receive good communication about discharge information	13.945	23.085	2015
Adult hospital patients who strongly disagree or disagree that staff took their preferences and those of their family and caregiver into account when deciding what the patient's discharge health care would be	48.509	47.852	2015
Children ages 2-19 with hospital emergency department visit for asthma per 10,000 population	379.086	6.466	2012
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, age 18 and over	338.624	15.183	2014
Hospital admissions with diabetes with short-term complications per 100,000 population, age 18 and over	167.259	15.505	2014
Hospital admissions with diabetes with short-term complications per 100,000 population, ages 6-17	58.564	2.129	2014
Hospital admissions with diabetes with long-term complications per 100,000 population, age 18 and over	218.393	17.016	2014
Lower extremity amputations among admissions for diabetes per 100,000 population, age 18 and over	238.007	14.406	2014
Hospital admissions for asthma per 100,000 population, ages 18 to 39	211.685	14.133	2014
Hospital admissions for asthma per 100,000 population, ages 2-17	303.104	7.101	2014
Home health care patients who had an emergency department visit and were then hospitalized	13.068	42.710	2013
Hospital admissions with perforations or abscesses of appendix per 1,000 admissions with appendicitis, ages 1-17	15.336	3.472	2014
Home health care patients who needed urgent, unplanned medical care	11.321	23.534	2013
Home health care patients who had to be admitted to the hospital	22.727	102.132	2013
Admissions with hypertension per 100,000 population, age 18 and over	426.957	19.991	2014
Hospital admissions for dehydration per 100,000 population, age 18 and over	53.474	7.918	2014
Admissions for angina without cardiac procedure per 100,000 population, age 18 and over	115.070	8.612	2014
Hospital admissions with chronic obstructive pulmonary disease or asthma per 100,000 population, age 40 and over	78.449	9.396	2014
Hospital admissions for urinary tract infection per 100,000 population, age 18 and over	33.467	5.499	2014
Women under age 70 treated for breast cancer with breast-conserving surgery who received radiation therapy to the breast within 1 year of diagnosis	71.875	9.478	2013
Breast cancer deaths per 100,000 female population per year	39.801	19.403	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Patients with colon cancer who received surgical resection of colon cancer that included at least 12 lymph nodes pathologically examined	16.667	2.971	2013
Colorectal cancer deaths per 100,000 population per year	32.624	20.572	2014
Hospital admissions for heart failure per 100,000 population, age 18 and over	151.492	13.873	2014
Acute stroke patients for whom IV thrombolytic therapy was initiated at hospital within 3 hours (≤180 minutes) of time last known well	11.500	3.128	2014
Adult hemodialysis patients with adequate dialysis with Kt/V (K-dialyzer clearance of urea; t-dialysis time; V-patient's total body water)	14.925	35.355	2015
Patients with treated chronic kidney failure who received a transplant within 3 years of date of renal failure	11.538	36.680	2011
Adults age 40 and over with diagnosed diabetes who had their feet checked for sores or irritation in the calendar year	23.019	2.115	2014
Adults age 40 and over with diagnosed diabetes with blood pressure less than 130/80 mm Hg	22.965	2.226	2014
Adjusted incident rates of end stage renal disease due to diabetes per million population	193.114	73.003	2014
HIV infection deaths per 100,000 population	654.545	70.602	2014
Adults with a major depressive episode in the last 12 months who received treatment	33.876	2.741	2015
Live-born infants with low birth weight (<2,500 g)	82.857	205.061	2014
Infant mortality per 1,000 live births, birth weights >2,499 g	63.158	11.767	2013
Infants who received breastfeeding through 3 months	28.277	6.376	2012
Adult current smokers with a checkup in the last 12 months who received advice to quit smoking	23.323	2.173	2014
Adults age 20 and over with obesity who had been told by a doctor or health professional that they were overweight	27.273	2.980	2014
Children ages 2-5 with obesity	100.000	2.707	2014
Children ages 6-11 with obesity	57.353	2.758	2014
Home health care patients who get better at walking or moving around	12.938	63.027	2013
Home health care patients who get better at getting in and out of bed	11.864	57.350	2013
Home health care patients who get better at bathing	11.746	48.583	2013
Home health patients who had improvement in toileting	16.107	56.180	2013
Home health care patients who stayed at home after an episode of home health care ended	15.331	69.570	2013
Home health patients who had improvement in upper body dressing	16.197	60.401	2013
Breast cancer diagnosed at advanced stage per 100,000 women age 40 and over	22.864	16.916	2013
Cervical cancer diagnosed at advanced stage per 100,000 women age 20 and over	26.531	8.222	2013
Colorectal cancer diagnosed at advanced stage per 100,000 men and women age 50 and over	21.169	14.125	2013
Adults age 18 and over who received an influenza vaccination in the past 12 months	13.571	5.471	2014
Adults age 65 and over who received an influenza vaccination in the last 12 months	34.520	3.927	2014
Hospital admissions for immunization-preventable influenza per 100,000 population, age 65 and over	27.531	3.406	2014
Adults age 65 and over who ever received pneumococcal vaccination	37.669	5.938	2014
Hospital patients who received influenza vaccination	33.929	30.042	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Hospital patients who received pneumococcal immunization	43.000	22.663	2014
Children ages 19-35 months who received 4 or more doses of diphtheria-tetanus-pertussis vaccine	42.069	3.158	2014
Children who had their height and weight measured by a health provider within the past 2 years	46.575	2.150	2014
Children ages 2-17 who had a dental visit in the calendar year	23.973	4.696	2014
Long-stay nursing home residents who had flu vaccination appropriately given	44.706	37.262	2013
Long-stay nursing home residents who were assessed and given pneumococcal vaccination	74.545	40.204	2013
Short-stay nursing home residents who had flu vaccination appropriately given	55.118	68.641	2013
Short-stay nursing home residents who were assessed and given pneumococcal vaccination	56.000	68.641	2013
People unable to get or delayed in getting needed prescription medicines due to financial or insurance reasons	16.385	2.363	2014

Asians

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
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	-19.672	-2.910	2014
Adult surgery patients with postoperative venous thromboembolic events, age 18 and over	-94.118	-4.396	2011
Postoperative pulmonary embolism or deep vein thrombosis per 1,000 surgical admissions, age 18 and over	-18.346	-7.782	2014
Bloodstream infection in adult patients receiving central venous catheter placement, age 18 and over	-98.601	-4.851	2011
Long-stay nursing home residents with a urinary tract infection	-30.882	-20.592	2013
Low-risk long-stay nursing home residents with a catheter inserted and left in their bladder	-15.556	-6.864	2013
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, age 18 and over	-46.772	-7.211	2014
Hospital admissions with diabetes with short-term complications per 100,000 population, age 18 and over	-70.466	-15.814	2014
Hospital admissions with diabetes with short-term complications per 100,000 population, ages 6-17	-87.250	-5.571	2014
Hospital admissions with diabetes with long-term complications per 100,000 population, age 18 and over	-37.169	-4.955	2014
Lower extremity amputations among admissions for diabetes per 100,000 population, age 18 and over	-42.278	-3.317	2014
Hospital admissions for asthma per 100,000 population, ages 18-39	-74.854	-18.468	2014
Home health care patients who had an emergency department visit and were then hospitalized	-25.568	-40.249	2013
Home health care patients who needed urgent, unplanned medical care	-27.358	-56.874	2013
Home health care patients who had to be admitted to the hospital	-19.835	-36.494	2013
Hospital admissions for dehydration per 100,000 population, age 18 and over	-48.237	-9.220	2014
Hospital admissions with chronic obstructive pulmonary disease or asthma per 100,000 population, age 40 and over	-51.857	-9.123	2014
Hospital admissions for bacterial pneumonia per 100,000 population, age 18 and over	-43.767	-7.367	2014
Hospital admissions for urinary tract infection per 100,000 population, age 18 and over	-42.761	-7.734	2014
Hospital admissions for urinary tract infection per 100,000 population, ages 3 months to 17 years	-36.898	-3.201	2014

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
Women with clinical Stage I-IIb breast cancer who received axillary node dissection or sentinel lymph node biopsy at the time of surgery (lumpectomy or mastectomy)	-21.053	-3.795	2013
Breast cancer deaths per 100,000 female population per year	-42.289	-26.879	2014
Colorectal cancer deaths per 100,000 population per year	-31.915	-20.125	2014
Lung cancer deaths per 100,000 population per year	-47.086	-48.992	2014
Adults with hypertension with blood pressure less than 140/90 mm/Hg	-12.405	-1.967	2014
Hospital admissions for heart failure per 100,000 population, age 18 and over	-27.369	-3.333	2014
Deaths per 1,000 hospital admissions with abdominal aortic aneurysm repair, age 18 and over	-40.142	-2.249	2014
Stroke patients who received venous thromboembolism prophylaxis	-29.412	-6.537	2014
Acute stroke patients for whom IV thrombolytic therapy was initiated at hospital within 3 hours (≤ 180 minutes) of time last known well	-28.500	-3.965	2014
Stroke patients prescribed statin medication at hospital discharge	-42.105	-8.677	2014
Stroke patients with documentation that they or their caregivers were given educational material addressing activation of emergency medical system, followup after discharge, medications prescribed at discharge, risk factors for stroke, warning signs, and symptoms of stroke	-16.667	-3.595	2014
Adult hemodialysis patients with adequate dialysis with Kt/V (K-dialyzer clearance of urea; t-dialysis time; V-patient's total body water)	-17.910	-42.426	2015
Dialysis patients under age 70 who were registered on a waiting list for transplantation within a year of initiation	-10.501	-11.549	2014
HIV infection deaths per 100,000 population	-72.727	-28.284	2014
Suicide deaths per 100,000 population	-58.757	-46.510	2014
Long-stay nursing home residents who are more depressed or anxious	-33.333	-12.438	2013
Infant mortality per 1,000 live births, birth weights $>2,499$ g	-42.105	-7.845	2013
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	-15.845	-2.155	2014
Long-stay nursing home residents whose need for help with daily activities has increased	-17.614	-10.310	2013
Long-stay nursing home residents who have moderate to severe pain	-68.519	-36.816	2013
Long-stay nursing home residents who lose too much weight	-20.833	-9.950	2013
Low-risk long-stay nursing home residents who lose control of their bowels or bladder	-18.040	-15.885	2013
Home health care patients who stayed at home after an episode of home health care ended	-22.300	-48.658	2013
Short-stay nursing home residents who had moderate to severe pain	-43.979	-41.792	2013
Home health care patients who have less pain when moving around	-14.417	-25.756	2013
Breast cancer diagnosed at advanced stage per 100,000 women age 40 and over	-26.559	-16.910	2013
Cervical cancer diagnosed at advanced stage per 100,000 women age 20 and over	-15.306	-3.638	2013
Colorectal cancer diagnosed at advanced stage per 100,000 men and women age 50 and over	-21.485	-11.928	2013
Hospital patients who received pneumococcal immunization	-12.000	-2.896	2014
Children ages 19-35 months who received 1 or more doses of measles-mumps-rubella vaccine	-41.667	-2.692	2014

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
Children ages 19-35 months who received 1 or more doses of varicella vaccine	-44.444	-3.077	2014
Adolescents ages 13-15 years who received 1 or more doses of meningococcal conjugate vaccine	-30.049	-2.411	2014
Adolescents ages 16-17 years who received 1 or more doses of meningococcal conjugate vaccine	-38.629	-2.690	2011
Children ages 6 months to 17 years who received influenza vaccination in the past 12 months	-22.292	-2.892	2014
Children ages 3-5 who ever had their vision checked by a health provider	-39.894	-2.917	2013
Children ages 0-17 who had a wellness checkup in the last 12 months	-20.238	-2.028	2014
Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adult surgery patients with postoperative catheter-associated urinary tract infection, age 18 and over	46.939	1.123	2011
Postoperative hemorrhage or hematoma with surgical drainage or evacuation per 1,000 surgical admissions, age 18 and over	8.333	1.699	2014
Postoperative respiratory failure per 1,000 elective-surgery admissions, age 18 and over	4.762	1.140	2014
Postoperative physiologic and metabolic derangements per 1,000 elective-surgery admissions, age 18 and over	1.840	0.268	2014
Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling, age 18 and over	1900.000	0.950	2014
Reclosure of postoperative abdominal wound dehiscence per 1,000 abdominopelvic-surgery admissions of length 2 or more days, age 18 and over	19.008	0.985	2014
Hospital admissions with accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age <18 years	-7.547	-0.485	2014
Deaths per 1,000 elective-surgery admissions having developed specified complications of care during hospitalization, ages 18-89 or obstetric admissions	-2.898	-1.075	2014
Deaths per 1,000 hospital admissions with expected low mortality, age 18 and over or obstetric admissions	30.000	1.765	2014
Hospital patients with an anticoagulant-related adverse drug event to low-molecular-weight heparin and factor Xa, age 18 and over	51.410	1.353	2011
Hospital patients who received a hypoglycemic agent who had an adverse drug event with hypoglycemic agents, age 18 and over	6.470	0.218	2014
Birth trauma-injury to neonate per 1,000 live births	-9.950	-0.629	2014
Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults	-27.119	-1.657	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	31.250	1.437	2014
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	30.928	1.819	2014
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	16.783	1.486	2014
Adult hospital patients who sometimes or never had good communication about medications they received in the hospital	-0.490	-0.447	2015
Hospice patient caregivers who perceived patient was referred to hospice at the right time	-3.125	-0.493	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Hospital patients with heart failure who were given complete written discharge instructions	1.887	0.447	2013
Adult hospital patients who strongly disagree or disagree that staff took their preferences and those of their family and caregiver into account when deciding what the patient's discharge health care would be	-1.392	-0.868	2015
People with a usual source of care who usually asks about prescription medications and treatments from other doctors	14.925	1.156	2014
Hospital admissions for asthma per 100,000 population, ages 2-17	-13.157	-0.780	2014
Hospital admissions with perforations or abscesses of appendix per 1,000 admissions with appendicitis, age 18 and over	-4.965	-2.045	2014
Hospital admissions with perforations or abscesses of appendix per 1,000 admissions with appendicitis, ages 1-17	-0.590	-0.110	2014
Home health patients who had timely initiation of care	-0.759	-7.730	2013
Admissions with hypertension per 100,000 population, age 18 and over	-5.217	-0.553	2014
Admissions for angina without cardiac procedure per 100,000 population, age 18 and over	-9.681	-0.899	2014
Hospital admissions for pediatric gastroenteritis per 100,000 population, ages 3 months to 17 years	-25.258	-1.443	2014
Women under age 70 treated for breast cancer with breast-conserving surgery who received radiation therapy to the breast within 1 year of diagnosis	6.250	0.588	2013
Patients with colon cancer who received surgical resection of colon cancer that included at least 12 lymph nodes pathologically examined	1.042	0.108	2013
Deaths per 1,000 hospital admissions with acute myocardial infarction, age 18 and over	4.644	1.435	2014
Acute myocardial infarction patients who received fibrinolytic medication within 30 minutes of arrival	-33.021	-1.767	2011
Deaths per 1,000 hospital admissions with congestive heart failure, age 18 and over	-3.049	-0.668	2014
Deaths per 1,000 hospital admissions with coronary artery bypass graft, age 40 and over	-2.417	-0.257	2014
Deaths per 1,000 hospital admissions with percutaneous coronary intervention, age 40 and over	-7.245	-1.470	2014
End stage renal disease patients age 18 and over who saw a nephrologist at least 12 months prior to initiation of renal replacement therapy	3.002	2.766	2014
Patients with treated chronic kidney failure who received a transplant within 3 years of date of renal failure	2.404	3.084	2011
Adults age 40 and over with diagnosed diabetes who received a flu vaccination in the calendar year	26.972	1.960	2014
Home health patients who had diabetic foot care and patient education-short stay	2.559	23.534	2013
Adults age 40 and over with diagnosed diabetes with blood pressure less than 130/80 mm Hg	-20.668	-1.527	2014
Adults with chronic joint symptoms who have ever seen a doctor or other health professional for joint symptoms	3.860	0.282	2014
Patients with tuberculosis who completed a curative course of treatment within 1 year of initiation of treatment	-15.842	-0.814	2012
People with current asthma who are now taking preventive medicine daily or almost daily (either oral or inhaler)	3.081	0.523	2013
People with current asthma who receive written asthma management plans from their health provider	7.616	1.017	2013
Women who completed a pregnancy in the last 12 months who received early and adequate prenatal care	0.940	7.845	2014
Infants who received breastfeeding through 3 months	3.003	0.395	2012

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Children ages 2-5 with obesity	-3.846	-0.083	2014
Children ages 6-11 with obesity	-27.941	-1.344	2014
Adults with obesity who ever received advice from a health professional to exercise more	5.959	0.474	2014
Adults with obesity who ever received advice from a health professional about eating fewer high-fat or high-cholesterol foods	11.268	1.031	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	-14.568	-1.527	2014
Home health care patients who get better at walking or moving around	5.930	12.056	2013
Home health care patients who get better at getting in and out of bed	9.201	19.755	2013
Home health care patients who get better at bathing	8.889	16.220	2013
Home health care patients who have less shortness of breath	1.493	2.357	2013
Home health care patients who have less urinary incontinence	5.894	11.784	2013
Home health patients who had improvement in confusion frequency	6.947	15.618	2013
Women ages 50-74 who received a mammogram in the last 2 years	1.460	0.133	2013
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	19.753	1.873	2014
Adults who received a blood cholesterol measurement in the last 5 years	-8.784	-1.207	2014
Adults ages 18-64 at high risk (e.g., COPD) who received an influenza vaccination in the past 12 months	-3.442	-0.242	2014
Adult age 18 and over who received an influenza vaccination in the past 12 months	-0.357	-0.087	2014
Adults age 65 and over who received an influenza vaccination in the last 12 months	-14.947	-1.249	2014
Hospital admissions for immunization-preventable influenza per 100,000 population, age 65 and over	-15.949	-1.531	2014
Adults ages 18-64 at high risk (e.g., COPD) who ever received pneumococcal vaccination	-5.000	-1.506	2014
Children ages 19-35 months who received 4 or more doses of diphtheria-tetanus-pertussis vaccine	-14.483	-0.910	2014
Children ages 19-35 months who received 3 or more doses of polio vaccine	-3.125	-0.107	2014
Children ages 19-35 months who received 3 or more doses of hepatitis B vaccine	-23.864	-1.124	2014
Adolescent females ages 13-15 years who received 3 or more doses of human papillomavirus vaccine	-4.697	-0.586	2014
Adolescent females ages 16-17 years who received 3 or more doses of human papillomavirus vaccine	0.348	0.023	2011
Adolescents ages 13-15 years who received 1 or more doses of tetanus-diphtheria-acellular pertussis (Tdap) vaccine	18.018	0.675	2014
Adolescents ages 16-17 years who received 1 or more doses of tetanus-diphtheria-acellular pertussis (Tdap) vaccine	-31.288	-1.566	2013
Children who had their height and weight measured by a health provider within the past 2 years	0.000	0.000	2014
Children ages 2-17 who had a dental visit in the calendar year	-1.370	-0.146	2014
Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child	7.534	1.150	2014
Children 0-40 lb for whom a health provider gave advice within the past 2 years about using a child safety seat while riding in the car	21.448	1.440	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Children 41-80 lb for whom a health provider gave advice within the past 2 years about using a booster seat when riding in the car	-9.817	-1.008	2014
Children over 80 lb for whom a health provider gave advice within the past 2 years about using lap or shoulder belts when riding in a car	-2.686	-0.340	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle	-9.434	-1.460	2014
Long-stay nursing home residents who had flu vaccination appropriately given	4.706	1.990	2013
Home health patients who had influenza vaccination during flu season	0.809	3.288	2013
Home health patients who had pneumococcal polysaccharide vaccination	-4.993	-24.450	2013
People under age 65 whose family's health insurance premiums and out-of-pocket medical expenditures were more than 10% of total family income	-10.909	-1.182	2014
Men age 75 and over without prostate cancer who had a PSA test or a digital rectal exam for prostate cancer screening within the past year	-3.075	-0.467	2010
People without a usual source of care who indicate a financial or insurance reason for not having a source of care	-17.327	-1.282	2014
People unable to get or delayed in getting needed dental care due to financial or insurance reasons	-1.540	-0.201	2013
Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Postoperative sepsis per 1,000 elective-surgery admissions of length 4 or more days, age 18 and over	26.654	4.548	2014
Home health care patients whose surgical wound was improved	10.280	3.309	2013
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age 18 and over	26.667	9.617	2014
Hospital admissions with iatrogenic pneumothorax per 1,000 medical and surgical admissions, age 18 and over	16.842	3.881	2014
Hospital patients who received an anticoagulant who had an adverse drug event with intravenous heparin, age 18 and over	86.916	2.005	2011
Home health care patients who get better at taking their medication correctly	10.970	25.712	2013
Obstetric trauma per 1,000 vaginal deliveries without instrument assistance	76.132	11.365	2014
Obstetric trauma per 1,000 instrument-assisted vaginal deliveries	34.365	4.817	2014
Long-stay nursing home residents who were physically restrained	42.857	5.883	2013
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	42.623	2.055	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	74.419	2.587	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	45.349	2.365	2014
Adults with limited English proficiency who had usual source of care	25.979	3.432	2014
Hospice patients who received the right amount of help for feelings of anxiety or sadness	130.233	7.980	2014
Family caregivers who did not want more information about what to expect while the patient was dying	49.286	7.620	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Hospice patients who received care consistent with their stated end-of-life wishes	222.727	12.155	2014
Adult hospital patients who did not receive good communication about discharge information	14.136	12.166	2015
Adults age 40 and over with diagnosed diabetes who received 2 or more hemoglobin A1c measurements in the calendar year	110.714	3.981	2014
Adults age 40 and over with diagnosed diabetes who received a dilated eye examination in the calendar year	31.234	2.054	2014
Adults age 40 and over with diagnosed diabetes who had their feet checked for sores or irritation in the calendar year	65.660	2.802	2014
Adults age 40 and over with diabetes whose condition was diagnosed	80.392	2.463	2014
Adjusted incident rates of end stage renal disease due to diabetes per million population	58.308	19.939	2014
Deaths per 1,000 hospital admissions with pneumonia, age 18 and over	10.234	2.172	2014
Live-born infants with low birth weight (<2,500 g)	15.714	10.786	2014
Home health patients who had improvement in toileting	23.826	35.107	2013
Home health patients who had improvement in upper body dressing	20.423	31.784	2013
Women ages 21-65 who received a Pap smear in the last 3 years	58.602	5.471	2013
Adults age 65 and over who ever received pneumococcal vaccination	41.734	4.535	2014
Hospital patients who received influenza vaccination	16.071	5.947	2014
Long-stay nursing home residents who were assessed and given pneumococcal vaccination	14.545	3.980	2013
Short-stay nursing home residents who had flu vaccination appropriately given	37.008	23.383	2013
Short-stay nursing home residents who were assessed and given pneumococcal vaccination	48.800	30.349	2013

Native Hawaiians and Other Pacific Islanders

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
Long-stay nursing home residents with a urinary tract infection	-23.5294	-3.12481	2013
Adult hospital patients who sometimes or never had good communication about medications they received in the hospital	-23.6043	-8.90154	2015
Stroke patients prescribed statin medication at hospital discharge	-34.2105	-2.19834	2014
Home health patients who had diabetic foot care and patient education - short stay	-16.129	-3.19136	2013
Long-stay nursing home residents whose depression or anxiety increased	-28	-3.42545	2013
Long-stay nursing home residents whose need for help with daily activities increased	-17.6136	-3.35689	2013
Long-stay nursing home residents with moderate to severe pain	-27.7778	-3.66089	2013
Long-stay nursing home residents with too much weight loss	-17.7083	-2.76303	2013
Low-risk, long-stay nursing home residents with loss of control of bowels or bladder	-11.5813	-2.88444	2013
Hospital patients who received pneumococcal immunization	-34	-4.40224	2014
Children ages 19-35 months who received 3 or more doses of hepatitis B vaccine	-76.0417	-5.09854	2013
Adolescents ages 16-17 who received 1 or more doses of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis (Tdap) since the age of 10 years	-53.3742	-2.16087	2013

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Home health care patients whose surgical wound was improved	14.95327	1.718136	2013
Home health care patients whose management of oral medications improved	9.2827	7.016182	2013
Long-stay nursing home residents with physical restraints	21.42857	0.981439	2013
Low-risk, long-stay nursing home residents with a catheter inserted and left in the bladder	22.22222	1.957171	2013
Hospital patients with heart failure discharged home with written instructions or educational material	-3.77358	-0.41523	2013
Home health care patients who had an emergency department visit and were then hospitalized	-1.70455	-0.7315	2013
Home health care patients who received urgent, unplanned medical care	0.471698	0.242689	2013
Home health care patients who had to be admitted to the hospital	0	0	2013
Stroke patients who received venous thromboembolism (VTE) prophylaxis	0	0	2014
Acute stroke patients for whom IV thrombolytic therapy was initiated at hospital within 3 hours (less than or equal to 180 minutes) of time last known well	-3	-0.1184	2014
Home health care patients whose ability to walk or move around improved	7.008086	4.176052	2013
Home health care patients whose ability to get in and out of bed improved	2.905569	1.921736	2013
Home health care patients whose shortness of breath decreased	-3.58209	-1.65887	2013
Home health care patients whose urinary incontinence decreased	1.330798	0.843607	2013
Home health care patients who stayed at home after an episode of home health care	-3.48432	-2.37826	2013
Home health patients who had improvement in confusion frequency	4.204753	2.793028	2013
Short-stay nursing home residents with moderate to severe pain	-9.42408	-2.19037	2013
Home health care patients whose pain when moving around decreased	-2.14067	-1.12235	2013
Adults who received a blood cholesterol measurement in the last 5 years	-6.75676	-0.25507	2014
Hospital patients who received influenza vaccination	12.5	1.889134	2014
Children ages 19-35 months who received 3 or more doses of polio vaccine	23.4375	0.412705	2014
Children ages 19-35 months who received 1 or more doses of measles-mumps-rubella vaccine	10.71429	0.198777	2014
Children ages 19-35 months who received 1 or more doses of varicella vaccine	-26.6667	-0.81555	2014
Adolescents ages 13-15 who received 1 or more doses of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis (Tdap) since the age of 10 years	-44.1441	-1.55185	2014
Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Adult hospital patients who did not receive good communication about discharge information	12.51194	3.962426	2015
Adult hospital patients who strongly disagree or disagree that staff took their preferences and those of their family and caregiver into account when deciding what the patient's discharge health care would be	15.70577	3.288813	2015
Home health patients who had timely initiation of care	34.61538	8.877545	2013
Stroke patients with documentation that they or their caregivers were given educational material addressing activation of emergency medical system, followup after discharge, medications prescribed at discharge, risk factors for stroke, warning signs and symptoms of stroke	40.90909	2.450902	2014
Home health care patients whose bathing improved	12.06349	7.158353	2013
Home health patients who had improvement in toileting	19.12752	9.15342	2013
Home health patients who had improvement in upper body dressing	15.49296	7.114378	2013

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	95.06173	2.131501	2014
Long-stay nursing home patients who had flu vaccination appropriately given	18.82353	2.236099	2013
Long-stay nursing home residents who were assessed for pneumococcal vaccination	23.63636	2.120514	2013
Short-stay nursing home patients who had flu vaccination appropriately given	20.47244	3.612611	2013
Short-stay nursing home residents who were assessed for pneumococcal vaccination	22.4	4.539342	2013
Home health patients who had influenza vaccination during flu season	13.95349	5.820855	2013
Home health patients who had pneumococcal polysaccharide vaccination	16.21622	10.15741	2013

American Indians and Alaska Natives

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
Adult surgery patients with postoperative venous thromboembolic events, age 18 and over	-94.118	-4.396	2011
Adult hospital patients who sometimes or never had good communication about medications they received in the hospital	-19.393	-11.567	2015
Breast cancer deaths per 100,000 female population per year	-46.269	-11.535	2014
Colorectal cancer deaths per 100,000 population per year	-21.986	-5.096	2014
Lung cancer deaths per 100,000 population per year	-35.198	-15.025	2014
Adult hemodialysis patients with adequate dialysis with Kt/V (K-dialyzer clearance of urea; t-dialysis time; V-patient's total body water)	-20.896	-13.728	2015
Suicide deaths per 100,000 population	-25.424	-7.398	2014
Long-stay nursing home residents who are more depressed or anxious	-24.000	-5.987	2013
Long-stay nursing home residents who lose too much weight	-11.458	-2.747	2013
Low-risk long-stay nursing home residents who lose control of their bowels or bladder	-19.154	-9.497	2013
Breast cancer diagnosed at advanced stage per 100,000 women age 40 and over	-40.185	-12.304	2013
Colorectal cancer diagnosed at advanced stage per 100,000 men and women age 50 and over	-14.376	-3.121	2013
Children who had their height and weight measured by a health provider within the past 2 years	-65.753	-2.863	2014
Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Hospital patients who received a hypoglycemic agent who had an adverse drug event with hypoglycemic agents, age 18 and over	58.889	1.425	2012
Home health care patients who get better at taking their medication correctly	6.962	6.588	2013
Long-stay nursing home residents who were physically restrained	-7.143	-0.498	2013
Long-stay nursing home residents with a urinary tract infection	0.000	0.000	2013
Low-risk long-stay nursing home residents with a catheter inserted and left in their bladder	6.667	0.998	2013
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	71.233	1.439	2013
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	67.606	1.406	2009

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	57.971	1.240	2009
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	16.162	0.481	2013
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	-4.516	-0.177	2013
Hospice patient caregivers who perceived patient was referred to hospice at the right time	9.375	0.896	2014
Family caregivers who did not want more information about what to expect while the patient was dying	12.143	1.412	2014
Adult hospital patients who did not receive good communication about discharge information	9.265	5.077	2015
Home health patients who had timely initiation of care	-3.037	-13.318	2013
Women with clinical Stage I-IIb breast cancer who received axillary node dissection or sentinel lymph node biopsy at the time of surgery (lumpectomy or mastectomy)	5.263	0.214	2013
Women under age 70 treated for breast cancer with breast-conserving surgery who received radiation therapy to the breast within 1 year of diagnosis	57.292	1.308	2013
Patients with colon cancer who received surgical resection of colon cancer that included at least 12 lymph nodes pathologically examined	2.083	0.067	2013
Acute stroke patients for whom IV thrombolytic therapy was initiated at hospital within 3 hours (≤ 180 minutes) of time last known well	21.000	0.968	2014
Stroke patients prescribed statin medication at hospital discharge	10.526	0.665	2014
Stroke patients with documentation that they or their caregivers were given educational material addressing activation of emergency medical system, followup after discharge, medications prescribed at discharge, risk factors for stroke, warning signs, and symptoms of stroke	16.667	1.306	2014
End stage renal disease patients age 18 and over who saw a nephrologist at least 12 months prior to initiation of renal replacement therapy	9.953	4.367	2014
Home health patients who had diabetic foot care and patient education-short stay	0.640	2.301	2013
People age 12 and over who needed treatment for illicit drug use and who received such treatment at a specialty facility in the last 12 months	5.366	1.075	2009
People age 12 and over who needed treatment for an alcohol problem and who received such treatment at a specialty facility in the last 12 months	-2.378	-0.880	2015
Adults with chronic joint symptoms who have ever seen a doctor or other health professional for joint symptoms	-20.702	-1.022	2014
Live-born infants with low birth weight (<2,500 g)	8.571	5.883	2014
Women who completed a pregnancy in the last 12 months who received early and adequate prenatal care	2.938	12.438	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	-13.073	-1.082	2013
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	-8.511	-0.504	2013
Home health care patients who get better at getting in and out of bed	5.327	4.878	2013
Long-stay nursing home residents whose need for help with daily activities has increased	-4.545	-1.599	2013
Home health care patients who have less urinary incontinence	1.141	0.966	2013

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Home health patients who had improvement in confusion frequency	-1.645	-1.522	2013
Women ages 50-74 who received a mammogram in the last 2 years	2.190	0.088	2013
Women ages 21-65 who received a Pap smear in the last 3 years	-3.763	-0.187	2013
Cervical cancer diagnosed at advanced stage per 100,000 women age 20 and over	-11.224	-1.215	2013
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	44.444	1.278	2014
Adults ages 18-64 at high risk (e.g., COPD) who received an influenza vaccination in the past 12 months	-20.459	-1.001	2014
Adult age 18 and over who received an influenza vaccination in the past 12 months	-2.143	-0.242	2014
Adults ages 18-64 at high risk (e.g., COPD) who ever received pneumococcal vaccination	-4.643	-1.282	2014
Adults age 65 and over who ever received pneumococcal vaccination	16.260	0.728	2014
Children ages 19-35 months who received 4 or more doses of diphtheria-tetanus-pertussis vaccine	23.448	0.780	2014
Children ages 19-35 months who received 3 or more doses of polio vaccine	10.938	0.238	2014
Children ages 19-35 months who received 1 or more doses of measles-mumps-rubella vaccine	-17.857	-0.567	2014
Children ages 19-35 months who received 3 or more doses of hepatitis B vaccine	-36.364	-1.305	2014
Children ages 19-35 months who received 1 or more doses of varicella vaccine	-16.667	-0.567	2014
Adolescents ages 13-15 years who received 1 or more doses of meningococcal conjugate vaccine	-8.597	-0.383	2013
Adolescents ages 16-17 years who received 1 or more doses of meningococcal conjugate vaccine	17.757	0.546	2011
Adolescent females ages 13-15 years who received 3 or more doses of human papillomavirus vaccine	-2.718	-0.253	2011
Adolescent females ages 16-17 years who received 3 or more doses of human papillomavirus vaccine	-0.871	-0.040	2011
Adolescents ages 13-15 years who received 1 or more doses of tetanus-diphtheria-acellular pertussis (Tdap) vaccine	18.018	0.450	2014
Adolescents ages 16-17 years who received 1 or more doses of tetanus-diphtheria-acellular pertussis (Tdap) vaccine	-29.851	-1.024	2014
Children ages 6 months to 17 years who received influenza vaccination in the past 12 months	7.292	0.538	2014
Children ages 2-17 who had a dental visit in the calendar year	-27.273	-1.502	2013
Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child	-21.658	-1.818	2013
Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle	6.042	0.562	2013
Children ages 0-17 who had a wellness checkup in the last 12 months	34.524	1.340	2014
Long-stay nursing home residents who had flu vaccination appropriately given	9.412	1.998	2013
Home health patients who had influenza vaccination during flu season	-4.447	-8.027	2013
Home health patients who had pneumococcal polysaccharide vaccination	-6.208	-14.347	2013
People under age 65 whose family's health insurance premiums and out-of-pocket medical expenditures were more than 10% of total family income	-6.667	-0.272	2014
Men age 75 and over without prostate cancer who had a PSA test or a digital rectal exam for prostate cancer screening within the past year	-7.754	-0.863	2010

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Home health care patients whose surgical wound was improved	31.776	4.991	2013
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	140.000	2.691	2013
Hospice patients who received the right amount of help for feelings of anxiety or sadness	47.674	2.727	2014
Hospice patients who received care consistent with their stated end-of-life wishes	147.727	6.468	2014
Hospital patients with heart failure who were given complete written discharge instructions	73.585	8.268	2013
Adult hospital patients who strongly disagree or disagree that staff took their preferences and those of their family and caregiver into account when deciding what the patient's discharge health care would be	39.761	13.304	2015
People with a usual source of care who usually asks about prescription medications and treatments from other doctors	93.532	2.599	2014
Home health care patients who had an emergency department visit and were then hospitalized	21.591	13.537	2013
Home health care patients who needed urgent, unplanned medical care	23.585	16.630	2013
Home health care patients who had to be admitted to the hospital	23.554	18.349	2013
Stroke patients who received venous thromboembolism prophylaxis	35.294	2.396	2014
Dialysis patients under age 70 who were registered on a waiting list for transplantation within a year of initiation	11.111	10.108	2014
Patients with treated chronic kidney failure who received a transplant within 3 years of date of renal failure	12.500	13.613	2011
Adjusted incident rates of end stage renal disease due to diabetes per million population	116.018	14.727	2014
Patients with tuberculosis who completed a curative course of treatment within 1 year of initiation of treatment	134.653	3.293	2012
Infant mortality per 1,000 live births, birth weights >2,499 g	100.000	6.319	2013
Infants who received breastfeeding through 3 months	39.827	3.388	2012
Home health care patients who get better at walking or moving around	11.860	10.208	2013
Home health care patients who get better at bathing	10.476	8.027	2013
Home health patients who had improvement in toileting	11.745	7.130	2013
Long-stay nursing home residents who have moderate to severe pain	32.407	5.830	2013
Home health care patients who have less shortness of breath	13.134	8.784	2013
Home health care patients who stayed at home after an episode of home health care ended	20.209	18.090	2013
Home health patients who had improvement in upper body dressing	14.437	9.297	2013
Short-stay nursing home residents who had moderate to severe pain	20.419	6.496	2013
Home health care patients who have less pain when moving around	11.963	8.843	2013
Adults who received a blood cholesterol measurement in the last 5 years	55.405	2.264	2014
Hospital patients who received influenza vaccination	182.143	36.336	2014
Hospital patients who received pneumococcal immunization	37.000	8.721	2014
Long-stay nursing home residents who were assessed and given pneumococcal vaccination	49.091	6.742	2013
Short-stay nursing home residents who had flu vaccination appropriately given	29.921	7.594	2013
Short-stay nursing home residents who were assessed and given pneumococcal vaccination	48.800	15.231	2013

5. Changes in Disparities Through 2015 by Income, Ethnicity, and Race

Note: APC Reference=annual percent change for the reference group (e.g., Whites); APC Comparison=annual percent change for the comparison group (e.g., Blacks).

Poor Households

Table Title for Measures Where Disparities Are Improving	APC Reference	APC Comparison	Data Year
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, age 18 and over	-0.355	-1.760	2000-2014
Hospital admissions for asthma per 100,000 population, ages 18-39	-1.605	-3.170	2000-2014
Hospital admissions for asthma per 100,000 population, ages 2-17	-2.051	-5.736	2000-2014
Avoidable admissions for angina per 100,000 population, age 18 and over	-3.183	-7.769	2000-2014
Avoidable admissions for bacterial pneumonia per 100,000 population, age 18 and over	-12.873	-17.682	2000-2014
Admissions for urinary tract infection per 100,000 population, ages 3 months to 17 years	-1.203	-2.415	2000-2014
Admissions for pediatric gastroenteritis per 100,000 population, ages 3 months to 17 years	-8.816	-16.864	2000-2014
Hospital admissions for congestive heart failure per 100,000 population	-13.001	-20.120	2000-2014
Adolescents females ages 13-15 who received 3 or more doses of human papillomavirus vaccine	-1.571	-3.986	2008-2014
Children ages 2-17 who had a dental visit in the calendar year	0.240	-0.888	2002-2014
People under age 65 whose family's health insurance premium and out-of-pocket medical expenditures were more than 10% of total family income	0.167	-0.968	2006-2014
People unable to get or delayed in getting needed medical care due to financial or insurance reasons	0.947	-0.378	2002-2014
People unable to get or delayed in getting needed dental care due to financial or insurance reasons	1.381	-0.005	2002-2014
Table Title for Measures Where Disparities Are Showing No Change	APC Reference	APC Comparison	Data Year
Postoperative respiratory failure per 1,000 elective-surgery admissions, age 18 and over	-0.068	-0.131	2000-2014
Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling, age 18 and over	-0.003	-0.005	2000-2014
Reclosure of postoperative abdominal wound dehiscence per 1,000 abdominopelvic-surgery admissions of length 2 or more days, age 18 and over	-0.078	-0.079	2000-2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age <18	0.001	-0.009	2000-2014
Deaths per 1,000 hospital admissions with expected low mortality, age 18 and over or obstetric admissions	-0.028	-0.027	2000-2014
Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults	-0.516	-0.703	2002-2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	-0.248	-0.228	2002-2014

Table Title for Measures Where Disparities Are Showing No Change	APC Reference	APC Comparison	Data Year
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	-0.255	-0.397	2002-2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	-0.247	-0.225	2002-2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	-0.454	-0.362	2002-2014
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	-0.358	-0.216	2002-2014
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	-0.464	-0.623	2002-2014
Emergency department visits with a principal diagnosis related to co-occurring mental health, alcohol, and substance abuse per 100,000 population	1.190	0.286	2007-2014
Hospital admissions for short-term complications of diabetes per 100,000 population, ages 6-17	-0.174	-0.177	2000-2014
Hospital admissions for long-term complications of diabetes per 100,000 population, age 18 and over	-1.276	-0.098	2000-2014
Lower extremity amputations among admissions for diabetes per 100,000 population, age 18 and over	-0.489	-0.498	2000-2014
Admissions for dehydration per 100,000 population, age 18 and over	-6.792	-8.469	2000-2014
Avoidable admissions for chronic obstructive pulmonary disease or asthma per 100,000 population, age 40 and over	-10.634	-6.304	2005-2014
Admissions for urinary tract infection per 100,000 population, age 18 and over	1.426	1.771	2000-2014
Deaths per 1,000 adult hospital admissions with acute myocardial infarction	-3.946	-4.795	2000-2014
Deaths per 1,000 adult hospital admissions with abdominal aortic aneurysm repair	-1.667	-2.130	2000-2014
Deaths per 1,000 hospital admissions with coronary artery bypass surgery, age 40 and over	-2.505	-2.734	2000-2014
Deaths per 1,000 hospital admissions with percutaneous transluminal coronary angioplasty, age 40 and over	-0.675	-0.835	2000-2014
Adults age 40 and over with diagnosed diabetes who received a dilated eye examination in the calendar year	-0.168	-0.166	2002-2014
Adults age 40 and over with diagnosed diabetes with blood pressure less than 140/80 mm Hg	-0.020	-1.318	2002-2014
Adults with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	-0.065	-0.370	2008-2015
People with current asthma who are now taking preventive medicine daily or almost daily (either oral or inhaler)	1.260	0.784	2003-2014
Infants who received breastfeeding through 3 months	-2.200	-1.516	2009-2012
Adult current smokers with a checkup in the last 12 months who received advice to quit smoking	-0.268	-0.686	2002-2014
Children ages 12-19 who were obese	0.026	0.284	2002-2014
Adults with obesity who ever received advice from a health professional to exercise more	-0.305	-0.897	2002-2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	-1.070	-1.057	2002-2014

Table Title for Measures Where Disparities Are Showing No Change	APC Reference	APC Comparison	Data Year
Adults with obesity who ever received advice from a health professional about eating fewer high-fat or high-cholesterol foods	-0.178	-0.517	2002-2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	-0.882	-1.058	2002-2014
Women ages 50-74 who received a mammogram in the last 2 years	0.232	0.344	2000-2013
Women ages 21-65 who received a Pap smear in the last 3 years	0.330	0.912	2000-2013
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	-0.098	-0.059	1998-2014
Adults who received a blood cholesterol measurement in the last 5 years	-0.955	-1.401	1998-2014
Adults ages 18-64 at high risk (e.g., COPD) who received an influenza vaccination in the last 12 months	-1.410	-2.130	2010-2014
Adults age 18 and over who received influenza vaccination	-1.820	-1.930	2010-2014
Hospital admissions for immunization-preventable influenza per 100,000 population, age 65 and over	4.499	3.369	2000-2014
Adults age 65 and over who ever received pneumococcal vaccination	-0.510	-0.326	2000-2014
Children ages 19-35 months who received 4 or more doses of diphtheria-tetanus-pertussis vaccine	-0.037	-0.117	2001-2014
Children ages 19-35 months who received 3 or more doses of polio vaccine	-0.200	-0.307	2001-2014
Children ages 19-35 months who received 1 or more doses of measles-mumps-rubella vaccine	0.100	0.004	2001-2014
Children ages 19-35 months who received 3 or more doses of hepatitis B vaccine	0.101	-0.136	2001-2014
Children ages 19-35 months who received 1 or more doses of varicella vaccine	-0.664	-0.932	2001-2014
Adolescents ages 13-15 years who received 1 or more doses of meningococcal conjugate vaccine	-5.107	-6.025	2008-2014
Adolescents ages 16-17 years who received 1 or more doses of meningococcal conjugate vaccine	-6.007	-7.039	2008-2014
Adolescent females ages 16-17 who received 3 or more doses of human papillomavirus vaccine	-3.875	-4.831	2009-2014
Adolescents ages 13-15 who received 1 or more doses of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis (Tdap) since the age of 10 years	-6.154	-7.300	2008-2014
Children who had their height and weight measured by a health provider within the past 2 years	-0.305	-0.599	2002-2014
Children ages 3-5 who ever had their vision checked by a health provider	-0.716	-1.063	2002-2014
Children 0-40 lb for whom a health provider gave advice within the past 2 years about using a child safety seat while riding in the car	-0.507	-0.475	2002-2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle	-0.068	-0.407	2002-2014
Children ages 0-17 who had a wellness checkup in the past 12 months	-0.746	-0.885	1998-2014
People without a usual source of care who indicated a financial or insurance reason for not having a source of care	0.221	0.815	2002-2014
People unable to get or delayed in getting needed prescription medicines due to financial or insurance reasons	-0.008	-0.352	2002-2014

Table Title for Measures Where Disparities Are Worsening	APC Reference	APC Comparison	Data Year
Emergency department visits with a principal diagnosis related to mental health only per 100,000 population	68.298	22.631	2007-2014
Emergency department visits with a principal diagnosis related to substance abuse only per 100,000 population	37.464	21.095	2007-2014
Potentially avoidable emergency department encounters for asthma, age 18 and over	17.314	-4.996	2008-2014
Potentially avoidable emergency department encounters for asthma, ages 2-17	46.250	0.546	2008-2014
Hospital admissions for short-term complications of diabetes per 100,000 population, age 18 and over	4.006	0.848	2000-2014
Potentially avoidable hospitalizations and emergency department encounters for congestive heart failure	0.114	-12.893	2008-2014
Avoidable admissions for hypertension per 100,000 population, age 18 and over	1.829	0.641	2000-2014

Hispanics

Table Title for Measures Where Disparities Are Improving	APC Reference	APC Comparison	Data Year
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, age 18 and over	-0.417	-2.423	2001-2014
Hospital admissions for short-term complications of diabetes per 100,000 population, age 18 and over	2.261	0.497	2001-2014
Hospital admissions for long-term complications of diabetes per 100,000 population, age 18 and over	-0.922	-7.212	2001-2014
Hospital admissions for lower extremity amputations per 1,000 population age 18 and over with diabetes	-0.314	-1.785	2001-2014
Hospital admissions for perforated appendix per 1,000 admissions with appendicitis, ages 1-17	6.285	1.962	2001-2014
Avoidable admissions for angina per 100,000 population, age 18 and over	-4.149	-5.457	2001-2014
Admissions for urinary tract infection per 100,000 population, age 18 and over	1.779	-2.379	2001-2014
End stage renal disease due to diabetes per million population	-0.584	-8.367	2001-2014
Adults with obesity who ever received advice from a health professional about eating fewer high-fat or high-cholesterol foods	-0.061	-1.124	2002-2014
Home health care patients whose bathing improved	-1.230	-2.620	2010-2013
Children ages 2-17 who had a dental visit in the calendar year	0.032	-1.107	2002-2014
Table Title for Measures Where Disparities Are Showing No Change	APC Reference	APC Comparison	Data Year
Adult surgery patients with postoperative catheter-associated urinary tract infection, age 18 and over	-0.102	-0.522	2010-2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age 18 and over	-0.089	-0.041	2001-2014
Home health care patients whose management of oral medications improved	-1.960	-1.020	2010-2013
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	-0.235	-0.248	2002-2014

Table Title for Measures Where Disparities Are Showing No Change	APC Reference	APC Comparison	Data Year
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	-0.249	-0.459	2002-2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	-0.240	-0.181	2002-2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	-0.430	-0.496	2002-2014
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	-0.276	-0.425	2002-2014
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	-0.515	-0.429	2002-2014
Hospice patients who received the right amount of help for feelings of anxiety or sadness	-0.032	-0.139	2008-2014
Family caregivers who did not want more information about what to expect while the patient was dying	-0.075	-0.218	2008-2014
Hospice patients who received care consistent with their stated end-of-life wishes	-0.168	-0.114	2008-2014
Hospital admissions for asthma per 100,000 population, ages 2-17	-3.415	-3.961	2001-2014
Avoidable admissions for hypertension per 100,000 population, age 18 and over	0.407	-0.323	2001
Women under age 70 treated for breast cancer with breast-conserving surgery who received radiation therapy to the breast within 1 year of diagnosis	-0.956	-1.568	2004-2013
End stage renal disease patients who saw a nephrologist at least 12 months prior to initiation of renal replacement therapy, age 18 and over	-1.190	-0.819	2005-2014
Patients with treated chronic kidney failure who received a transplant within 3 years of date of renal failure	0.742	0.361	2000-2011
Adults age 40 and over with diagnosed diabetes who had their feet checked for sores or irritation in the calendar year	0.109	0.660	2002-2014
HIV infection deaths per 100,000 population	-0.106	-0.357	2000-2014
Adults with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	-0.087	-0.730	2008-2015
Children ages 12-17 with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	-0.307	-0.396	2008-2015
Adults with chronic joint symptoms who have ever seen a doctor or other health professional for joint symptoms	-0.654	0.091	2009-2014
Adult current smokers with a checkup in the last 12 months who received advice to quit smoking	-0.453	-0.835	2002-2014
Adults with obesity who ever received advice from a health professional to exercise more	-0.297	-1.185	2002-2014
Home health care patients whose ability to walk or move around improved	-2.460	-3.090	2010-2013
Home health care patients whose ability to get in and out of bed improved	-1.300	-2.010	2010-2013
Home health care patients whose shortness of breath decreased	-0.960	-1.260	2010-2013
Home health care patients whose urinary incontinence decreased	0.410	1.270	2010-2013
Women ages 50-74 who received a mammogram in the last 2 years	0.397	0.093	2000-2013

Table Title for Measures Where Disparities Are Showing No Change	APC Reference	APC Comparison	Data Year
Women ages 21-65 who received a Pap smear in the last 3 years	0.495	0.252	2000-2013
Cervical cancer diagnosed at advanced stage (all invasive tumors) per 100,000 women, age 20 and over	-0.170	-0.673	2000-2013
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	-0.131	-0.136	1998-2014
Adults who received a blood cholesterol measurement in the last 5 years	-1.024	-1.428	1998-2014
Adults ages 18-64 at high risk (e.g., COPD) who received an influenza vaccination in the last 12 months	-0.670	-1.370	2010-2014
Adults ages 18 and over who received influenza vaccination	-1.740	-1.460	2010-2014
Adults age 65 and over who received an influenza vaccination in the last 12 months	-0.327	-1.099	2002-2014
Adults age 65 and over who ever received pneumococcal vaccination	-0.556	-1.121	2000-2014
Children who had their height and weight measured by a health provider within the past 2 years	-0.430	-0.821	2002-2014
Children ages 0-17 who had a wellness checkup in the past 12 months	-0.771	-0.909	1998-2014
People without a usual source of care who indicated a financial or insurance reason for not having a source of care	0.375	1.055	2002-2014
People unable to get or delayed in getting needed medical care due to financial or insurance reasons	0.382	-0.371	2002-2014
People unable to get or delayed in getting needed prescription medicines due to financial or insurance reasons	-0.376	-0.218	2002-2014

Blacks

Table Title for Measures Where Disparities Are Improving	APC Reference	APC Comparison	Data Year
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, age 18 and over	-0.417	-2.920	2001-2014
Hospital admissions for long-term complications of diabetes per 100,000 population, age 18 and over	-0.922	-5.307	2001-2014
Hospital admissions for lower extremity amputations per 1,000 population age 18 and over with diabetes	-0.314	-2.391	2001-2014
Hospital admissions for asthma per 100,000 population, ages 18-39	-1.561	-5.017	2001-2014
Hospital admissions for asthma per 100,000 population, ages 2-17	-3.415	-9.990	2001-2014
Admissions for dehydration per 100,000 population, age 18 and over	-7.568	-13.321	2001-2014
Avoidable admissions for angina per 100,000 population, age 18 and over	-4.149	-7.185	2001-2014
Admissions for urinary tract infection per 100,000 population, age 18 and over	1.779	-2.444	2001-2014
Hospital admissions for congestive heart failure per 100,000 population	-13.754	-35.012	2001-2014
End stage renal disease due to diabetes per million population	-0.150	-10.293	2001-2014
New HIV cases per 100,000 population, age 13 and over	-0.136	-2.961	2008-2014
HIV infection deaths per 100,000 population	-0.131	-1.206	2000-2014

Table Title for Measures Where Disparities Are Showing No Change	APC Reference	APC Comparison	Data Year
Children ages 12-17 with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	-0.186	-1.895	2008-2015
Postoperative sepsis per 1,000 elective-surgery admissions of length 4 or more days, age 18 and over	-0.316	-0.619	2008-2014
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	-0.223	-0.303	2008-2014
Postoperative hemorrhage or hematoma with surgical drainage or evacuation per 1,000 surgical hospital discharges, age 18 and over	-0.010	0.007	2001-2014
Postoperative pulmonary embolism or deep vein thrombosis per 1,000 surgical hospital discharges, age 18 and over	-0.328	-0.602	2005-2014
Mechanical adverse events in adult patients receiving central venous catheter placement	-0.041	-0.484	2009-2014
Deaths per 1,000 hospital admissions with expected low mortality, age 18 and over or obstetric admissions	-0.033	-0.054	2001-2014
Hospital patients who received a hypoglycemic agent who had an adverse drug event with hypoglycemic agents, age 18 and over	-0.494	-0.866	2009-2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	-0.261	-0.287	2002-2014
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	-0.280	-0.252	2002-2014
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	-0.479	-0.617	2002-2014
Hospice patients who received the right amount of help for feelings of anxiety or sadness	-0.029	0.136	2008-2014
Hospice patients who received care consistent with their stated end-of-life wishes	-0.143	-0.161	2008-2014
Adult hospital patients who did not receive good communication about discharge information	-0.846	-1.083	2009-2015
Hospital admissions for short-term complications of diabetes per 100,000 population, age 18 and over	2.261	2.874	2001-2014
Hospital admissions for short-term complications of diabetes per 100,000 population, ages 6-17	-0.133	-0.583	2001-2014
Home health care patients who had an emergency department visit and were then hospitalized	0.050	-0.010	2010-2013
Hospital admissions for perforated appendix per 1,000 admissions with appendicitis, ages 1-17	6.285	4.510	2001-2014
Home health care patients who received urgent, unplanned medical care	-0.050	-0.110	2010-2013
Home health care patients who had to be admitted to the hospital	-0.580	-0.810	2010-2013
Avoidable admissions for chronic obstructive pulmonary disease or asthma per 100,000 population, age 40 and over	-7.323	-1.679	2005-2014
Women under age 70 treated for breast cancer with breast-conserving surgery who received radiation therapy to the breast within 1 year of diagnosis	-0.956	-1.153	2004-2013
Breast cancer deaths per 100,000 female population per year	-0.435	-0.469	2000-2014
Colorectal cancer deaths per 100,000 population per year	-0.441	-0.664	2000-2014
Lung cancer deaths per 100,000 population per year	-0.956	-1.382	2000-2014
Hospital patients with heart attack given fibrinolytic medication within 30 minutes of arrival	-2.199	-3.585	2005-2013

Table Title for Measures Where Disparities Are Showing No Change	APC Reference	APC Comparison	Data Year
Patients with treated chronic kidney failure who received a transplant within 3 years of date of renal failure	0.726	0.207	2000-2011
Adults age 40 and over with diagnosed diabetes with blood pressure less than 140/80 mm Hg	-0.540	-1.098	2002-2014
Adults with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	-0.136	-0.842	2008-2015
People age 12 and over treated for substance abuse who completed treatment course	0.351	-0.044	2005-2012
Live-born infants with low birth weight (less than 2,500 g)	-0.026	-0.123	2007-2014
Infant mortality per 1,000 live births, birth weight 2,500 g or more	-0.025	-0.061	2001-2013
Infants who received breastfeeding through 3 months	-2.852	-2.769	2009-2012
Adults with obesity age 20 and over who had been told by a doctor or health professional that they were overweight	-0.113	-0.125	2002-2014
Children ages 6-11 who are obese	-0.023	0.250	2002-2014
Children ages 12-19 who were obese	0.493	0.103	2002-2014
Home health care patients who stayed at home after an episode of home health care	-0.580	-0.940	2010-2013
Cervical cancer diagnosed at advanced stage (all invasive tumors) per 100,000 women, age 20 and over	-0.172	-0.465	2000-2013
Colorectal cancer diagnosed at advanced stage (tumors diagnosed at regional or distant stage) per 100,000 population, age 50 and over	-3.026	-3.240	2000-2013
Adults age 18 and over who received influenza vaccination	-1.620	-1.550	2010-2014
Adults age 65 and over who received an influenza vaccination in the last 12 months	-0.357	-1.293	2002-2014
Adults age 65 and over who ever received pneumococcal vaccination	-0.529	-1.205	2000-2014
Children ages 19-35 months who received 4 or more doses of diphtheria-tetanus-pertussis vaccine	0.044	-0.046	2001-2014
Children ages 19-35 months who received 3 or more doses of polio vaccine	-0.201	-0.381	2001-2014
Children ages 19-35 months who received 1 or more doses of measles-mumps-rubella vaccine	0.111	-0.016	2001-2014
Children ages 19-35 months who received 3 or more doses of hepatitis B vaccine	0.080	-0.234	2001-2014
Children ages 2-17 who had a dental visit in the calendar year	-0.146	-0.728	2002-2014
People unable to get or delayed in getting needed prescription medicines due to financial or insurance reasons	-0.367	-0.553	2002-2014
Table Title for Measures Where Disparities Are Worsening	APC Reference	APC Comparison	Data Year
Children ages 2-19 who visited emergency department for asthma	-1.330	12.260	2008-2012
Avoidable admissions for hypertension per 100,000 population, age 18 and over	0.407	4.096	2001-2014

Asians

Table Title for Measures Where Disparities Are Showing No Change	APC Reference	APC Comparison	Data Year
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, age 18 and over	-0.089	-0.043	2001-2014
Obstetric trauma per 1,000 vaginal deliveries without instrument assistance	-1.387	-1.343	2001-2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	-0.261	-0.475	2002-2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	-0.427	-0.763	2002-2014
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	-0.280	-0.587	2002-2014
Hospice patients who received the right amount of help for feelings of anxiety or sadness	-0.029	-0.032	2008-2014
Family caregivers who did not want more information about what to expect while the patient was dying	-0.086	-0.204	2008-2014
Hospice patients who received care consistent with their stated end-of-life wishes	-0.143	0.107	2008-2014
Hospital patients with heart failure discharged home with written instructions or educational material	-4.235	-5.405	2005-2013
Adult hospital patients who did not receive good communication about discharge information	-0.846	-0.860	2009-2015
People with a usual source of care who usually asks about prescription medications and treatments from other doctors	-0.485	-0.397	2002-2014
Women under age 70 treated for breast cancer with breast-conserving surgery who received radiation therapy to the breast within 1 year of diagnosis	-0.956	-1.563	2004-2013
Patients with treated chronic kidney failure who received a transplant within 3 years of date of renal failure	0.726	0.250	2000-2011
Deaths per 1,000 adult hospital admissions with pneumonia	-4.118	-4.005	2001-2014
Live-born infants with low birth weight (less than 2,500 g)	-0.026	0.001	2007-2014
Infant mortality per 1,000 live births, birth weight 2,500 g or more	-0.025	-0.143	2002-2013
Women ages 50-74 who received a mammogram in the last 2 years	0.403	-0.654	2000-2013
Women ages 21-65 who received a Pap smear in the last 3 years	0.512	-0.106	2000-2013
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	-0.092	-0.309	1998-2014
Adults age 65 and over who ever received pneumococcal vaccination	-0.529	-0.974	2000-2014
Children ages 2-17 who had a dental visit in the calendar year	-0.146	-0.639	2002-2014
Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child	-0.188	-0.453	2002-2014
Table Title for Measures Where Disparities Are Worsening	APC Reference	APC Comparison	Data Year
Obstetric trauma per 1,000 instrument-assisted deliveries	-5.234	-3.688	2001-2014
End stage renal disease due to diabetes per million population	-0.150	1.266	2001-2014

Native Hawaiians and Pacific Islanders

Table Title for Measures Where Disparities Are Showing No Change	APC Reference	APC Comparison	Data Year
Home health care patients whose surgical wound was improved	-1.05	-0.93	2010-2013
Adult hospital patients who did not receive good communication about discharge information	-0.85	-0.94	2009-2015

American Indians and Alaska Natives

Table Title for Measures Where Disparities Are Improving	APC Reference	APC Comparison	Data Year
End stage renal disease due to diabetes per million population	-0.150	-17.620	2001-2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	-1.169	-3.290	2002-2013
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	-0.987	-2.845	2002-2013
Table Title for Measures Where Disparities Are Showing No Change	APC Reference	APC Comparison	Data Year
Home health care patients whose surgical wound was improved	-1.050	-0.500	2010-2013
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	-0.227	-0.058	2002-2013
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	-0.427	-0.302	2002-2013
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	-0.280	0.046	2002-2013
Hospice patients who received the right amount of help for feelings of anxiety or sadness	-0.029	0.086	2008-2014
Family caregivers who did not want more information about what to expect while the patient was dying	-0.086	-0.164	2008-2014
Hospice patients who received care consistent with their stated end-of-life wishes	-0.143	0.079	2008-2014
Hospital patients with heart failure discharged home with written instructions or educational material	-4.235	-4.998	2005-2013
Adult hospital patients who did not receive good communication about discharge information	-0.846	-0.998	2009-2015
Home health care patients who had an emergency department visit and were then hospitalized	0.050	0.370	2010-2013
Home health care patients who received urgent, unplanned medical care	-0.050	0.300	2010-2013
Home health care patients who had to be admitted to the hospital	-0.580	-0.540	2010-2013
Patients with colon cancer who received surgical resection of colon cancer that included at least 12 lymph nodes pathologically examined	-3.886	-4.772	2004-2013
Patients with treated chronic kidney failure who received a transplant within 3 years of date of renal failure	0.726	0.518	2000-2011
Infant mortality per 1,000 live births, birth weight 2,500 g or more	-0.025	-0.076	2001-2013
Infants who received breastfeeding through 3 months	-2.852	-0.584	2009-2012
Home health care patients who stayed at home after an episode of home health care	-0.580	-0.710	2010-2013
Adults who received a blood cholesterol measurement in the last 5 years	-1.064	-1.032	1998-2014

6. Access and Quality Disparities by Geographic Location

Noncore vs. Large Fringe Metro

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
People with a usual primary care provider	-23.66	-2.32	2014
Postoperative sepsis per 1,000 elective-surgery admissions of length 4 or more days, adults	-12.80	-4.20	2014
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	-29.41	-8.94	2014
Postoperative pulmonary embolism (PE) or deep vein thrombosis (DVT) per 1,000 surgical hospital discharges, adults	-13.77	-10.29	2014
Obstetric trauma per 1,000 vaginal deliveries without instrument assistance	-10.58	-2.77	2014
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	-27.27	-2.09	2014
Emergency department visits with a principal diagnosis related to substance abuse only, per 100,000 population	-27.45	-2.87	2014
Women under age 70 treated for breast cancer with breast-conserving surgery who received radiation therapy to the breast within 1 year of diagnosis	-25.60	-3.75	2013
Deaths per 1,000 adult hospital admissions with abdominal aortic aneurysm (AAA) repair	-37.35	-3.83	2014
People age 12 and over who needed treatment for illicit drug use and who received such treatment at a specialty facility in the last 12 months	-13.37	-2.08	2015
Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adults who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	11.02	0.76	2014
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	-5.41	-0.20	2014
Adults age 65 and over with any private health insurance	12.47	1.79	2014
People with a specific source of ongoing care	-4.81	-0.71	2014
People in fair or poor health with a specific source of ongoing care	-10.98	-0.46	2014
People who were unable to get or delayed in getting needed medical care in the last 12 months	42.42	1.84	2014
People who were unable to get or delayed in getting needed dental care in the last 12 months	2.17	0.08	2014
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	3.12	0.15	2014
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	-11.81	-0.57	2014
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	25.40	1.23	2014
Postoperative hemorrhage or hematoma with surgical drainage or evacuation per 1,000 surgical hospital discharges, adults	0.86	0.25	2014
Postoperative respiratory failure per 1,000 elective surgical hospital discharges, adults	-5.97	-2.74	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Postoperative physiologic and metabolic derangements per 1,000 elective surgical hospital discharges, adults	-2.27	-0.60	2014
Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling, adults	7.69	0.45	2014
Reclosure of postoperative abdominal wound dehiscence per 1,000 abdominopelvic-surgery admissions of length 2 or more days, adults	21.78	1.49	2014
Hospital admissions with iatrogenic pneumothorax per 1,000 medical and surgical admissions, adults	-6.45	-2.68	2014
Deaths per 1,000 elective-surgery admissions having developed specified complications of care during hospitalization, ages 18-89 or obstetric admissions	-2.07	-0.99	2014
Deaths per 1,000 hospital admissions with expected low mortality	23.33	1.94	2014
Birth trauma - injury to neonate per 1,000 selected live births	-2.19	-0.17	2014
Obstetric trauma per 1,000 instrument-assisted deliveries	-3.31	-0.59	2014
Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults	21.43	0.87	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	-15.15	-0.82	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	-13.04	-0.55	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	-1.75	-0.08	2013
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	-11.63	-0.88	2014
Children who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	-13.04	-0.43	2014
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	23.96	1.05	2014
Adults with limited English proficiency who had a usual source of care	7.27	0.29	2014
People with a usual source of care who usually asks about prescription medications and treatments from other doctors	-11.27	-0.74	2014
Emergency department visits with a principal diagnosis related to mental health only per 100,000 population	12.38	1.15	2014
Emergency department visits with a principal diagnosis related to co-occurring of mental health, alcohol, and substance abuse, per 100,000 population	-2.78	-0.18	2014
Potentially avoidable emergency department encounters for asthma, adults	15.58	1.57	2014
Potentially avoidable emergency department encounters for asthma, children ages 2-17	5.81	0.55	2014
Hospital admissions for long-term complications of diabetes per 100,000 population, adults	-5.13	-0.69	2014
Hospital admissions for lower extremity amputations per 1,000 population age 18 and over with diabetes, HCUP data	16.77	1.73	2014
Hospital admissions for asthma per 100,000 population, ages 18-39	-2.08	-0.23	2014
Hospital admissions for asthma per 100,000 population, ages 2-17	-15.04	-1.09	2014
Avoidable admissions for hypertension per 100,000 population age 18 and over	-13.52	-1.62	2014
Admissions for pediatric gastroenteritis per 100,000 population, ages 3 months to 17 years	31.75	1.63	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Women with clinical Stage I-IIb breast cancer who received axillary node dissection or sentinel lymph node biopsy (SLNB) at the time of surgery (lumpectomy or mastectomy)	-5.45	-0.95	2013
Breast cancer deaths per 100,000 female population per year	3.41	1.57	2014
Hospital admissions for congestive heart failure per 100,000 population	11.95	1.71	2014
Deaths per 1,000 hospital admissions with percutaneous transluminal coronary angioplasty (PTCA), age 40 and over	3.38	0.86	2014
Adults age 40 and over with diagnosed diabetes who received a dilated eye examination in the calendar year	26.33	1.03	2014
Adults age 40 and over with diagnosed diabetes who had their feet checked for sores or irritation in the calendar year	-20.00	-0.83	2014
Adults age 40 and over with diagnosed diabetes who received a flu vaccination in the calendar year	-6.98	-0.35	2014
HIV infection deaths per 100,000 population	-7.69	-0.84	2014
Adults with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	-9.62	-0.76	2015
Children ages 12-17 with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	10.95	1.07	2015
People age 12 and over who needed treatment for alcohol problem who received such treatment at a specialty facility in the last 12 months	-3.47	-0.98	2015
Adults with chronic joint symptoms who have ever seen a doctor or other health professional for joint symptoms	4.55	0.39	2014
Persons with current asthma who received written asthma management plans from their health care provider	9.08	1.40	2013
Live-born infants with low birth weight (less than 2,500 g)	3.90	2.81	2014
Adult current smokers with a checkup in the last 12 months who received advice to quit smoking	11.25	0.53	2014
Adults with obesity who ever received advice from a health professional to exercise more	2.96	0.30	2014
Adults with obesity who ever received advice from a health professional about eating fewer high-fat or high-cholesterol foods	-1.00	-0.12	2014
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	14.71	1.02	2014
Adults age 65 and over who received an influenza vaccination in the last 12 months	23.96	1.42	2014
Hospital admissions for immunization-preventable influenza per 100,000 population age 65 and over	-7.87	-0.92	2014
Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child	2.05	0.17	2014
Children 0-40 lb for whom a health provider gave advice within the past 2 years about using a child safety seat while riding in the car	19.69	0.84	2014
Children 41-80 lb for whom a health provider gave advice within the past 2 years about using a booster seat when riding in the car	17.34	1.70	2014
People under age 65 whose family's health insurance premium and out-of-pocket medical expenditures were more than 10% of total family income	19.88	1.25	2014
People without a usual source of care who indicated a financial or insurance reason for not having a source of care	-27.84	-1.71	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
People under age 65 with health insurance	44.55	4.76	2014
People under age 65 with any private health insurance	53.90	6.93	2014
People under age 65 who were uninsured all year	53.06	2.35	2014
People under age 65 with any period of uninsurance during the year	32.51	2.73	2014
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	38.73	6.33	2014
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	58.54	2.49	2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, adults	10.70	5.81	2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, children	62.79	3.55	2014
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, adults, HCUP data	24.09	2.22	2014
Hospital admissions for short-term complications of diabetes per 100,000 population, adults	31.67	3.74	2014
Hospital admissions for short-term complications of diabetes per 100,000 population, ages 6-17	45.60	2.11	2014
Potentially avoidable hospitalizations and emergency department encounters for congestive heart failure	35.77	3.74	2014
Hospital admissions for perforated appendix per 1,000 admissions with appendicitis, adults	21.93	7.77	2014
Hospital admissions for perforated appendix per 1,000 admissions with appendicitis, children	14.73	3.00	2014
Admissions for dehydration per 100,000 population, age 18 and over	34.19	4.64	2014
Avoidable admissions for angina per 100,000 population, age 18 and over	30.00	2.58	2014
Avoidable admissions for chronic obstructive pulmonary disease or asthma per 100,000 population, age 40 and over	51.44	5.32	2014
Avoidable admissions for bacterial pneumonia per 100,000 population, age 18 and over	100.68	11.66	2014
Admissions for urinary tract infection (UTI) per 100,000 population, age 18 and over	26.85	3.64	2014
Admissions for urinary tract infection (UTI) per 100,000 population, ages 3 months to 17 years	55.13	3.72	2014
Patients with colon cancer who received surgical resection of colon cancer that included at least 12 lymph nodes pathologically examined	36.67	4.53	2013
Colorectal cancer deaths per 100,000 population per year	24.44	10.44	2014
Lung cancer deaths per 100,000 population per year	26.75	23.93	2014
Deaths per 1,000 adult hospital admissions with acute myocardial infarction (AMI)	14.55	6.02	2014
Deaths per 1,000 adult hospital admissions with congestive heart failure	32.92	9.84	2014
Deaths per 1,000 hospital admissions with coronary artery bypass surgery, age 40 and over	42.18	5.55	2014
Suicide deaths per 100,000 population	48.61	16.98	2014
Deaths per 1,000 adult hospital admissions with pneumonia	43.41	13.55	2014
People with current asthma who are now taking preventive medicine daily or almost daily (either oral or inhaler)	14.23	2.55	2014
Infant mortality per 1,000 live births, birth weight 2,500 grams or more	76.47	11.05	2013
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	23.90	2.33	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	51.75	2.76	2014
Women ages 50-74 who received a mammogram in the last 2 years	33.46	2.97	2013

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Women ages 21-65 who received a Pap smear in the last 3 years	30.81	2.63	2013
Adults who received a blood cholesterol measurement in the last 5 years	54.26	4.01	2014
Children who had their height and weight measured by a health provider within the past 2 years	155.32	2.11	2014
Children ages 2-17 who had a dental visit in the calendar year	30.19	2.86	2014
Children over 80 lb for whom a health provider gave advice within the past 2 years about using lap or shoulder belts when riding in a car	21.30	2.14	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle	29.81	3.87	2014
Children ages 0-17 with a wellness checkup in the past 12 months	104.07	4.88	2014

Micropolitan vs. Large Fringe Metro

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
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	-13.24	-4.02	2014
Postoperative pulmonary embolism (PE) or deep vein thrombosis (DVT) per 1,000 surgical hospital discharges, adults	-16.89	-14.95	2014
Women under age 70 treated for breast cancer with breast-conserving surgery who received radiation therapy to the breast within 1 year of diagnosis	-30.40	-5.66	2013
Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adults who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	-14.96	-1.49	2014
Children who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	-24.53	-0.80	2013
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	2.70	0.12	2014
Adults age 65 and over with any private health insurance	3.12	0.49	2014
People under age 65 who were uninsured all year	14.29	1.01	2014
People with a specific source of ongoing care	10.58	1.17	2014
People with a usual primary care provider	-6.70	-0.75	2014
People in fair or poor health with a specific source of ongoing care	2.44	0.11	2014
People who were unable to get or delayed in getting needed medical care in the last 12 months	27.27	1.54	2014
People who were unable to get or delayed in getting needed dental care in the last 12 months	36.96	1.73	2014
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	18.75	1.03	2014
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	21.14	1.76	2014
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	18.90	1.05	2014
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	-15.87	-0.94	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Postoperative sepsis per 1,000 elective-surgery admissions of length 4 or more days, adults	-3.05	-1.00	2014
Postoperative hemorrhage or hematoma with surgical drainage or evacuation per 1,000 surgical hospital discharges, adults	5.58	1.80	2014
Postoperative respiratory failure per 1,000 elective surgical hospital discharges, adults	-6.76	-3.30	2014
Postoperative physiologic and metabolic derangements per 1,000 elective surgical hospital discharges, adults	-3.41	-1.03	2014
Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling, adults	-15.38	-1.41	2014
Hospital admissions with iatrogenic pneumothorax per 1,000 medical and surgical admissions, adults	4.30	1.79	2014
Deaths per 1,000 elective-surgery admissions having developed specified complications of care during hospitalization, ages 18-89 or obstetric admissions	9.52	5.24	2014
Deaths per 1,000 hospital admissions with expected low mortality	23.33	1.94	2014
Birth trauma - injury to neonate per 1,000 selected live births	11.48	1.14	2014
Obstetric trauma per 1,000 vaginal deliveries without instrument assistance	-9.52	-2.50	2014
Obstetric trauma per 1,000 instrument-assisted deliveries	-6.36	-1.37	2014
Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults	7.14	0.37	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	-15.15	-1.16	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	-10.87	-0.59	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	-8.70	-0.46	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	0.00	0.00	2014
Children who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	34.29	0.77	2013
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	6.25	0.45	2014
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	-9.74	-0.82	2014
People with a usual source of care who usually asks about prescription medications and treatments from other doctors	7.84	0.63	2014
Emergency department visits with a principal diagnosis related to substance abuse only, per 100,000 population	-9.62	-0.97	2014
Emergency department visits with a principal diagnosis related to co-occurring of mental health, alcohol, and substance abuse, per 100,000 population	16.67	1.20	2014
Potentially avoidable emergency department encounters for asthma, children ages 2-17	8.60	0.80	2014
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, adults, HCUP data	10.95	1.06	2014
Hospital admissions for short-term complications of diabetes per 100,000 population, ages 6-17	33.68	1.64	2014
Hospital admissions for long-term complications of diabetes per 100,000 population, adults	4.59	0.61	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Hospital admissions for asthma per 100,000 population, ages 18-39	0.62	0.07	2014
Hospital admissions for asthma per 100,000 population, ages 2-17	-3.03	-0.21	2014
Hospital admissions for perforated appendix per 1,000 admissions with appendicitis, children	4.19	0.99	2014
Avoidable admissions for hypertension per 100,000 population, age 18 and over	-2.78	-0.32	2014
Admissions for urinary tract infection (UTI) per 100,000 population, age 18 and over	7.58	1.02	2014
Admissions for pediatric gastroenteritis per 100,000 population, ages 3 months to 17 years	33.33	1.78	2014
Women with clinical Stage I-IIb breast cancer who received axillary node dissection or sentinel lymph node biopsy (SLNB) at the time of surgery (lumpectomy or mastectomy)	3.64	0.63	2013
Breast cancer deaths per 100,000 female population per year	1.46	0.83	2014
Deaths per 1,000 adult hospital admissions with acute myocardial infarction (AMI)	6.57	3.25	2014
Deaths per 1,000 adult hospital admissions with abdominal aortic aneurysm (AAA) repair	-14.41	-1.65	2014
Deaths per 1,000 hospital admissions with percutaneous transluminal coronary angioplasty (PTCA), age 40 and over	7.43	2.20	2014
Adults age 40 and over with diagnosed diabetes who received at least two hemoglobin A1c measurements in the calendar year	42.93	1.39	2014
Adults age 40 and over with diagnosed diabetes who received a dilated eye examination in the calendar year	16.57	0.83	2014
Adults age 40 and over with diagnosed diabetes who had their feet checked for sores or irritation in the calendar year	-22.00	-1.45	2014
Adults age 40 and over with diagnosed diabetes who received a flu vaccination in the calendar year	-3.88	-0.25	2014
HIV infection deaths per 100,000 population	0.00	0.00	2014
Adults with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	-16.62	-1.57	2015
Children ages 12-17 with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	18.31	1.91	2015
People age 12 and over who needed treatment for illicit drug use and who received such treatment at a specialty facility in the last 12 months	1.18	0.30	2015
People age 12 and over who needed treatment for an alcohol problem who received such treatment at a specialty facility in the last 12 months	-1.41	-0.49	2015
Adults with chronic joint symptoms who have ever seen a doctor or other health professional for joint symptoms	6.64	0.70	2014
People with current asthma who are now taking preventive medicine daily or almost daily (either oral or inhaler)	-3.86	-0.63	2014
Persons with current asthma who received written asthma management plans from their health care provider	6.60	0.96	2013
Live-born infants with low birth weight (less than 2,500 g)	5.19	7.65	2014
Adult current smokers with a checkup in the last 12 months who received advice to quit smoking	20.36	1.28	2014
Adults with obesity who ever received advice from a health professional to exercise more	14.56	1.63	2014
Adults with obesity who ever received advice from a health professional about eating fewer high-fat or high-cholesterol foods	3.39	0.50	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Women ages 50-74 who received a mammogram in the last 2 years	17.29	1.68	2013
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	27.94	1.93	2014
Adults age 65 and over who received an influenza vaccination in the last 12 months	-17.01	-1.50	2014
Hospital admissions for immunization-preventable influenza per 100,000 population, age 65 and over	-7.70	-0.84	2014
Children ages 2-17 who had a dental visit in the calendar year	15.33	1.45	2014
Children ages 3-5 who ever had their vision checked by a health provider	8.41	0.35	2014
Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child	5.64	0.73	2014
Children 0-40 lb for whom a health provider gave advice within the past 2 years about using a child safety seat while riding in the car	6.56	0.34	2014
People under age 65 whose family's health insurance premium and out-of-pocket medical expenditures were more than 10% of total family income	-4.35	-0.42	2014
People without a usual source of care who indicated a financial or insurance reason for not having a source of care	10.23	0.56	2014
People unable to get or delayed in getting needed medical care due to financial or insurance reasons	-18.76	-1.62	2014
People unable to get or delayed in getting needed dental care due to financial or insurance reasons	-8.06	-0.94	2014
People unable to get or delayed in getting needed prescription medicines due to financial or insurance reasons	-11.46	-1.11	2014
Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
People under age 65 with health insurance	34.55	4.03	2014
People under age 65 with any private health insurance	56.03	8.61	2014
People under age 65 with any period of uninsurance during the year	20.69	2.13	2014
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	31.60	5.46	2014
Reclosure of postoperative abdominal wound dehiscence per 1,000 abdominopelvic-surgery admissions of length 2 or more days, adults	43.56	3.60	2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, adults	22.22	12.07	2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, children	83.72	6.17	2014
Emergency department visits with a principal diagnosis related to mental health only per 100,000 population	30.52	2.82	2014
Potentially avoidable emergency department encounters for asthma, adults	29.70	2.89	2014
Hospital admissions for short-term complications of diabetes per 100,000 population, adults	47.64	5.23	2014
Hospital admissions for lower extremity amputations per 1,000 population age 18 and over with diabetes, HCUP data	40.37	3.78	2014
Potentially avoidable hospitalizations and emergency department encounters for congestive heart failure	47.64	4.77	2014
Hospital admissions for perforated appendix per 1,000 admissions with appendicitis, adults	15.02	6.45	2014
Admissions for dehydration per 100,000 population, age 18 and over	23.48	3.04	2014
Avoidable admissions for angina per 100,000 population, age 18 and over	34.55	2.79	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Avoidable admissions for chronic obstructive pulmonary disease or asthma per 100,000 population, age 40 and over	38.99	4.61	2014
Avoidable admissions for bacterial pneumonia per 100,000 population, age 18 and over	59.02	7.03	2014
Admissions for urinary tract infection (UTI) per 100,000 population, ages 3 months to 17 years	47.01	3.24	2014
Patients with colon cancer who received surgical resection of colon cancer that included at least 12 lymph nodes pathologically examined	26.67	3.79	2013
Colorectal cancer deaths per 100,000 population per year	17.04	10.29	2014
Lung cancer deaths per 100,000 population per year	24.25	26.90	2014
Hospital admissions for congestive heart failure per 100,000 population	16.93	2.22	2014
Deaths per 1,000 adult hospital admissions with congestive heart failure	18.63	6.71	2014
Deaths per 1,000 hospital admissions with coronary artery bypass surgery, age 40 and over	41.50	6.47	2014
Suicide deaths per 100,000 population	36.11	16.44	2014
Deaths per 1,000 adult hospital admissions with pneumonia	22.53	8.20	2014
Infant mortality per 1,000 live births, birth weight 2,500 grams or more	52.94	7.65	2013
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	33.27	4.58	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	54.09	3.72	2014
Women ages 21-65 who received a Pap smear in the last 3 years	30.81	2.42	2013
Adults who received a blood cholesterol measurement in the last 5 years	48.84	4.27	2014
Children who had their height and weight measured by a health provider within the past 2 years	172.34	3.88	2014
Children 41-80 lb for whom a health provider gave advice within the past 2 years about using a booster seat when riding in the car	37.27	3.25	2014
Children over 80 lb for whom a health provider gave advice within the past 2 years about using lap or shoulder belts when riding in a car	27.79	3.15	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle	26.69	3.68	2014
Children ages 0-17 with a wellness checkup in the past 12 months	65.85	4.31	2014

Small Metro vs. Large Fringe Metro

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
Postoperative pulmonary embolism (PE) or deep vein thrombosis (DVT) per 1,000 surgical hospital discharges, adults	-18.56	-15.05	2014
Women under age 70 treated for breast cancer with breast-conserving surgery who received radiation therapy to the breast within 1 year of diagnosis	-20.80	-6.13	2013
People unable to get or delayed in getting needed medical care due to financial or insurance reasons	-29.89	-2.73	2014
People unable to get or delayed in getting needed prescription medicines due to financial or insurance reasons	-41.26	-4.74	2014
Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adults who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	3.15	0.22	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Children who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	-24.49	-0.94	2014
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	8.11	0.28	2014
Adults age 65 and over with any private health insurance	-5.57	-0.99	2014
People under age 65 who were uninsured all year	10.20	0.68	2014
People under age 65 with any period of uninsurance during the year	5.42	0.47	2014
People with a specific source of ongoing care	3.85	0.42	2014
People with a usual primary care provider	-0.45	-0.05	2014
People in fair or poor health with a specific source of ongoing care	13.41	0.57	2014
People who were unable to get or delayed in getting needed dental care in the last 12 months	15.22	0.78	2014
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	34.38	1.64	2014
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	17.89	1.20	2014
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	0.79	0.05	2014
Children who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	33.04	0.86	2013
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	31.75	1.44	2014
Children who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	26.83	0.57	2013
Postoperative sepsis per 1,000 elective-surgery admissions of length 4 or more days, adults	-5.49	-1.80	2014
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	-7.35	-2.24	2014
Postoperative hemorrhage or hematoma with surgical drainage or evacuation per 1,000 surgical hospital discharges, adults	2.15	0.69	2014
Postoperative respiratory failure per 1,000 elective surgical hospital discharges, adults	-1.10	-0.54	2014
Postoperative physiologic and metabolic derangements per 1,000 elective surgical hospital discharges, adults	0.00	0.00	2014
Reclosure of postoperative abdominal wound dehiscence per 1,000 abdominopelvic-surgery admissions of length 2 or more days, adults	11.88	0.92	2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, children	25.58	1.89	2014
Hospital admissions with iatrogenic pneumothorax per 1,000 medical and surgical admissions, adults	-3.23	-1.34	2014
Deaths per 1,000 elective-surgery admissions having developed specified complications of care during hospitalization, ages 18-89 or obstetric admissions	8.61	4.56	2014
Birth trauma - injury to neonate per 1,000 selected live births	1.09	0.11	2014
Obstetric trauma per 1,000 vaginal deliveries without instrument assistance	-8.47	-2.50	2014
Obstetric trauma per 1,000 instrument-assisted deliveries	-0.42	-0.09	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults	16.96	0.88	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	1.52	0.08	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	0.00	0.00	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	28.26	1.26	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	17.44	0.93	2014
Children who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	-23.91	-1.03	2014
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	13.54	0.91	2014
Adults with limited English proficiency who had a usual source of care	-0.91	-0.04	2014
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	-11.69	-0.98	2014
People with a usual source of care who usually asks about prescription medications and treatments from other doctors	-11.27	-1.18	2014
Emergency department visits with a principal diagnosis related to mental health only, per 100,000 population	12.73	0.84	2014
Emergency department visits with a principal diagnosis related to substance abuse only, per 100,000 population	-2.27	-0.16	2014
Emergency department visits with a principal diagnosis related to co-occurring mental health, alcohol, and substance abuse, per 100,000 population	25.00	1.25	2014
Potentially avoidable emergency department encounters for asthma, adults	11.94	0.82	2014
Potentially avoidable emergency department encounters for asthma, children ages 2-17	14.05	0.86	2014
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, adults, HCUP data	-15.33	-1.29	2014
Hospital admissions for short-term complications of diabetes per 100,000 population, ages 6-17	21.76	0.97	2014
Hospital admissions for long-term complications of diabetes per 100,000 population, adults	-3.69	-0.36	2014
Hospital admissions for lower extremity amputations per 1,000 population, age 18 and over with diabetes, HCUP data	21.12	1.65	2014
Hospital admissions for asthma per 100,000 population, ages 18-39	-9.15	-0.82	2014
Hospital admissions for asthma per 100,000 population, ages 2-17	9.63	0.53	2014
Potentially avoidable hospitalizations and emergency department encounters for congestive heart failure	16.65	1.20	2014
Hospital admissions for perforated appendix per 1,000 admissions with appendicitis, children	8.01	1.88	2014
Avoidable admissions for hypertension per 100,000 population, age 18 and over	-8.70	-0.75	2014
Admissions for dehydration per 100,000 population, age 18 and over	2.57	0.25	2014
Avoidable admissions for angina per 100,000 population, age 18 and over	-1.82	-0.13	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Avoidable admissions for chronic obstructive pulmonary disease or asthma per 100,000 population, age 40 and over	3.71	0.35	2014
Avoidable admissions for bacterial pneumonia per 100,000 population, age 18 and over	16.11	1.48	2014
Admissions for urinary tract infection (UTI) per 100,000 population, age 18 and over	-14.26	-1.54	2014
Admissions for pediatric gastroenteritis per 100,000 population, ages 3 months to 17 years	19.68	0.99	2014
Women with clinical Stage I-IIb breast cancer who received axillary node dissection or sentinel lymph node biopsy (SLNB) at the time of surgery (lumpectomy or mastectomy)	5.45	2.12	2013
Breast cancer deaths per 100,000 female population per year	-1.95	-1.11	2014
Colorectal cancer deaths per 100,000 population per year	7.41	4.47	2014
Hospital admissions for congestive heart failure per 100,000 population	-2.77	-0.28	2014
Deaths per 1,000 adult hospital admissions with abdominal aortic aneurysm (AAA) repair	-4.41	-0.52	2014
Adults age 40 and over with diagnosed diabetes who received at least two hemoglobin A1c measurements in the calendar year	-9.24	-0.29	2014
Adults age 40 and over with diagnosed diabetes who received a dilated eye examination in the calendar year	7.99	0.41	2014
Adults age 40 and over with diagnosed diabetes who had their feet checked for sores or irritation in the calendar year	-8.67	-0.48	2014
Adults age 40 and over with diagnosed diabetes who received a flu vaccination in the calendar year	-4.65	-0.32	2014
HIV infection deaths per 100,000 population	7.69	0.84	2014
Adults with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	-7.58	-0.72	2015
Children ages 12-17 with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	7.36	0.84	2015
People age 12 and over who needed treatment for illicit drug use and who received such treatment at a specialty facility in the last 12 months	-4.14	-0.89	2015
People age 12 and over who needed treatment for an alcohol problem who received such treatment at a specialty facility in the last 12 months	-0.65	-0.25	2015
Adults with chronic joint symptoms who have ever seen a doctor or other health professional for joint symptoms	-17.13	-1.81	2014
Deaths per 1,000 adult hospital admissions with pneumonia	8.79	2.74	2014
People with current asthma who are now taking preventive medicine daily or almost daily (either oral or inhaler)	4.26	0.75	2014
Persons with current asthma who received written asthma management plans from their health care provider	3.80	0.51	2013
Live-born infants with low birth weight (less than 2,500 g)	2.60	3.83	2014
Adult current smokers with a checkup in the last 12 months who received advice to quit smoking	-3.04	-0.16	2014
Adults with obesity who ever received advice from a health professional to exercise more	6.74	0.70	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	9.18	1.21	2014
Adults with obesity who ever received advice from a health professional about eating fewer high-fat or high-cholesterol foods	3.19	0.46	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	19.30	1.45	2014
Women ages 50-74 who received a mammogram in the last 2 years	-4.51	-0.44	2013
Women ages 21-65 who received a Pap smear in the last 3 years	15.12	1.49	2013
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	13.24	1.12	2014
Hospital admissions for immunization-preventable influenza per 100,000 population, age 65 and over	-19.72	-1.88	2014
Children ages 2-17 who had a dental visit in the calendar year	-6.13	-0.72	2014
Children ages 3-5 who ever had their vision checked by a health provider	23.99	1.33	2014
Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child	-1.88	-0.26	2014
Children 0-40 lb for whom a health provider gave advice within the past 2 years about using a child safety seat while riding in the car	26.25	1.23	2014
Children over 80 lb for whom a health provider gave advice within the past 2 years about using lap or shoulder belts when riding in a car	5.66	0.64	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle	14.21	1.92	2014
People under age 65 whose family's health insurance premium and out-of-pocket medical expenditures were more than 10% of total family income	14.29	1.14	2014
People without a usual source of care who indicated a financial or insurance reason for not having a source of care	-24.43	-1.55	2014
People unable to get or delayed in getting needed dental care due to financial or insurance reasons	-9.57	-1.36	2014
Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
People under age 65 with health insurance	14.55	2.05	2014
People under age 65 with any private health insurance	31.91	5.41	2014
People who were unable to get or delayed in getting needed medical care in the last 12 months	60.61	2.98	2014
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	17.92	2.77	2014
Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling, adults	30.77	2.83	2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, adults	11.93	6.48	2014
Deaths per 1,000 hospital admissions with expected low mortality	30.00	2.50	2014
Hospital admissions for short-term complications of diabetes per 100,000 population, adults	29.31	2.34	2014
Hospital admissions for perforated appendix per 1,000 admissions with appendicitis, adults	21.35	8.98	2014
Admissions for urinary tract infection (UTI) per 100,000 population, ages 3 months to 17 years	42.74	2.27	2014
Patients with colon cancer who received surgical resection of colon cancer that included at least 12 lymph nodes pathologically examined	17.78	4.44	2013
Lung cancer deaths per 100,000 population per year	14.75	13.19	2014
Deaths per 1,000 adult hospital admissions with acute myocardial infarction (AMI)	10.33	4.66	2014
Deaths per 1,000 adult hospital admissions with congestive heart failure	13.66	4.92	2014
Deaths per 1,000 hospital admissions with coronary artery bypass surgery, age 40 and over	23.13	3.30	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Deaths per 1,000 hospital admissions with percutaneous transluminal coronary angioplasty (PTCA), age 40 and over	10.81	3.20	2014
Suicide deaths per 100,000 population	27.08	12.33	2014
Infant mortality per 1,000 live births, birth weight 2,500 grams or more	41.18	5.95	2013
Adults who received a blood cholesterol measurement in the last 5 years	24.03	2.23	2014
Adults age 65 and over who received an influenza vaccination in the last 12 months	32.64	2.12	2014
Children who had their height and weight measured by a health provider within the past 2 years	78.72	2.17	2014
Children 41-80 lb for whom a health provider gave advice within the past 2 years about using a booster seat when riding in the car	20.85	1.97	2014
Children ages 0-17 with a wellness checkup in the past 12 months	35.77	2.88	2014

Medium Metro vs. Large Fringe Metro

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
Postoperative physiologic and metabolic derangements per 1,000 elective surgical hospital discharges, adults	-14.77	-5.20	2014
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, adults, HCUP data	-24.09	-2.22	2014
Hospital admissions for long-term complications of diabetes per 100,000 population, adults	-18.26	-2.19	2014
Hospital admissions for asthma per 100,000 population, ages 18-39	-23.91	-2.58	2014
Avoidable admissions for hypertension per 100,000 population, age 18 and over	-19.26	-1.99	2014
Admissions for dehydration per 100,000 population, age 18 and over	-18.33	-2.27	2014
Avoidable admissions for angina per 100,000 population, age 18 and over	-21.82	-2.26	2014
Admissions for urinary tract infection (UTI) per 100,000 population, age 18 and over	-24.29	-3.01	2014
Hospital admissions for congestive heart failure per 100,000 population	-17.90	-2.18	2014
Deaths per 1,000 adult hospital admissions with abdominal aortic aneurysm (AAA) repair	-20.88	-2.86	2014
People age 12 and over who needed treatment for illicit drug use and who received such treatment at a specialty facility in the last 12 months	-10.30	-2.66	2015
Hospital admissions for immunization-preventable influenza per 100,000 population, age 65 and over	-31.26	-3.39	2014
Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adults who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	2.36	0.21	2014
Children who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	24.49	1.00	2014
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	18.92	1.09	2014
Adults age 65 and over with any private health insurance	9.80	2.22	2014
People under age 65 who were uninsured all year	5.10	0.36	2014
People with a specific source of ongoing care	7.69	1.13	2014
People with a usual primary care provider	-5.36	-0.80	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
People in fair or poor health with a specific source of ongoing care	17.07	0.94	2014
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	21.14	1.76	2014
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	8.66	0.62	2014
Children who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	20.93	0.62	2014
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	22.22	1.41	2014
Children who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	22.45	0.65	2014
Postoperative sepsis per 1,000 elective-surgery admissions of length 4 or more days, adults	-6.10	-2.36	2014
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	2.94	0.89	2014
Postoperative hemorrhage or hematoma with surgical drainage or evacuation per 1,000 surgical hospital discharges, adults	1.72	0.71	2014
Postoperative pulmonary embolism (PE) or deep vein thrombosis (DVT) per 1,000 surgical hospital discharges, adults	-6.47	-6.28	2014
Postoperative respiratory failure per 1,000 elective surgical hospital discharges, adults	1.42	0.79	2014
Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling, adults	15.38	1.41	2014
Reclosure of postoperative abdominal wound dehiscence per 1,000 abdominopelvic-surgery admissions of length 2 or more days, adults	15.84	1.51	2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, adults	9.47	6.38	2014
Hospital admissions with iatrogenic pneumothorax per 1,000 medical and surgical admissions, adults	2.15	0.89	2014
Deaths per 1,000 hospital admissions with expected low mortality	16.67	1.77	2014
Birth trauma - injury to neonate per 1,000 selected live births	3.28	0.33	2014
Obstetric trauma per 1,000 vaginal deliveries without instrument assistance	1.59	0.47	2014
Obstetric trauma per 1,000 instrument-assisted deliveries	9.84	2.16	2014
Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults	25.89	1.39	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	0.00	0.00	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	2.17	0.13	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	15.22	0.99	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	17.44	1.25	2014
Children who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	2.17	0.08	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	8.33	0.70	2014
Adults with limited English proficiency and usual source of care (USC) by whether the USC had language assistance	-50.00	-1.56	2014
Adults with limited English proficiency who had a usual source of care	-5.68	-0.42	2014
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	-5.84	-0.51	2014
People with a usual source of care who usually asks about prescription medications and treatments from other doctors	-1.96	-0.21	2014
Emergency department visits with a principal diagnosis related to substance abuse only, per 100,000 population	22.03	1.76	2014
Hospital admissions for short-term complications of diabetes per 100,000 population, adults	-0.14	-0.01	2014
Hospital admissions for short-term complications of diabetes per 100,000 population, ages 6-17	35.75	1.44	2014
Hospital admissions for lower extremity amputations per 1,000 population age 18 and over with diabetes, HCUP data	4.35	0.39	2014
Hospital admissions for asthma per 100,000 population, ages 2-17	-8.87	-0.52	2014
Hospital admissions for perforated appendix per 1,000 admissions with appendicitis, children	7.83	2.15	2014
Avoidable admissions for chronic obstructive pulmonary disease or asthma per 100,000 population, age 40 and over	-14.00	-1.65	2014
Avoidable admissions for bacterial pneumonia per 100,000 population, age 18 and over	-11.03	-1.35	2014
Admissions for urinary tract infection (UTI) per 100,000 population, ages 3 months to 17 years	5.13	0.29	2014
Admissions for pediatric gastroenteritis per 100,000 population, ages 3 months to 17 years	4.44	0.23	2014
Breast cancer deaths per 100,000 female population per year	-1.46	-1.06	2014
Colorectal cancer deaths per 100,000 population per year	2.96	2.83	2014
Lung cancer deaths per 100,000 population per year	6.00	8.49	2014
Deaths per 1,000 adult hospital admissions with acute myocardial infarction (AMI)	5.16	2.82	2014
Deaths per 1,000 adult hospital admissions with congestive heart failure	6.83	3.05	2014
Deaths per 1,000 hospital admissions with percutaneous transluminal coronary angioplasty (PTCA), age 40 and over	7.43	2.59	2014
Adults age 40 and over with diagnosed diabetes who received a dilated eye examination in the calendar year	19.82	1.37	2014
Adults age 40 and over with diagnosed diabetes who had their feet checked for sores or irritation in the calendar year	0.00	0.00	2014
Adults age 40 and over with diagnosed diabetes who received a flu vaccination in the calendar year	21.96	1.94	2014
Adults with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	-0.29	-0.03	2015
Children ages 12-17 with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	12.03	1.82	2015
People age 12 and over who needed treatment for an alcohol problem who received such treatment at a specialty facility in the last 12 months	-1.19	-0.60	2015

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adults with chronic joint symptoms who have ever seen a doctor or other health professional for joint symptoms	-8.74	-1.07	2014
Deaths per 1,000 adult hospital admissions with pneumonia	9.89	3.60	2014
People with current asthma who are now taking preventive medicine daily or almost daily (either oral or inhaler)	-4.52	-0.85	2014
Persons with current asthma who received written asthma management plans from their health care provider	-1.49	-0.27	2013
Live-born infants with low birth weight (less than 2,500 g)	5.19	7.65	2014
Adult current smokers with a checkup in the last 12 months who received advice to quit smoking	-4.56	-0.31	2014
Adults with obesity who ever received advice from a health professional to exercise more	0.00	0.00	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	4.02	0.67	2014
Adults with obesity who ever received advice from a health professional about eating fewer high-fat or high-cholesterol foods	-0.80	-0.14	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	13.45	1.44	2014
Women ages 50-74 who received a mammogram in the last 2 years	-0.38	-0.05	2013
Women ages 21-65 who received a Pap smear in the last 3 years	14.53	1.67	2013
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	17.65	1.87	2014
Adults age 65 and over who received an influenza vaccination in the last 12 months	-3.12	-0.28	2014
Children who had their height and weight measured by a health provider within the past 2 years	40.43	1.76	2014
Children ages 2-17 who had a dental visit in the calendar year	0.00	0.00	2014
Children ages 3-5 who ever had their vision checked by a health provider	15.58	0.92	2014
Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child	-6.32	-1.01	2014
Children 0-40 lb for whom a health provider gave advice within the past 2 years about using a child safety seat while riding in the car	8.12	0.56	2014
Children 41-80 lb for whom a health provider gave advice within the past 2 years about using a booster seat when riding in the car	5.17	0.56	2014
Children over 80 lb for whom a health provider gave advice within the past 2 years about using lap or shoulder belts when riding in a car	0.17	0.02	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle	5.55	0.92	2014
People under age 65 whose family's health insurance premium and out-of-pocket medical expenditures were more than 10% of total family income	-2.48	-0.27	2014
People without a usual source of care who indicated a financial or insurance reason for not having a source of care	23.86	1.03	2014
People unable to get or delayed in getting needed medical care due to financial or insurance reasons	-17.49	-1.73	2014
People unable to get or delayed in getting needed dental care due to financial or insurance reasons	-10.45	-1.60	2014
People unable to get or delayed in getting needed prescription medicines due to financial or insurance reasons	-14.76	-1.69	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
People under age 65 with health insurance	16.36	2.55	2014
People under age 65 with any private health insurance	31.91	6.69	2014
People under age 65 with any period of uninsurance during the year	19.70	2.03	2014
People who were unable to get or delayed in getting needed medical care in the last 12 months	51.52	2.92	2014
People who were unable to get or delayed in getting needed dental care in the last 12 months	41.30	2.63	2014
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	31.25	2.00	2014
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	16.57	3.55	2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, children	53.49	4.60	2014
Deaths per 1,000 elective-surgery admissions having developed specified complications of care during hospitalization, ages 18-89 or obstetric admissions	10.92	6.93	2014
Emergency department visits with a principal diagnosis related to mental health only, per 100,000 population	37.66	2.77	2014
Emergency department visits with a principal diagnosis related to co-occurring mental health, alcohol, and substance abuse, per 100,000 population	50.00	2.81	2014
Potentially avoidable emergency department encounters for asthma, adults	33.67	2.83	2014
Potentially avoidable emergency department encounters for asthma, children ages 2-17	32.53	2.42	2014
Potentially avoidable hospitalizations and emergency department encounters for congestive heart failure	27.89	2.43	2014
Hospital admissions for perforated appendix per 1,000 admissions with appendicitis, adults	15.02	7.95	2014
Deaths per 1,000 hospital admissions with coronary artery bypass surgery, age 40 and over	31.97	6.02	2014
Adults age 40 and over with diagnosed diabetes who received at least two hemoglobin A1c measurements in the calendar year	70.65	2.69	2014
HIV infection deaths per 100,000 population	38.46	4.19	2014
Suicide deaths per 100,000 population	18.06	11.63	2014
Infant mortality per 1,000 live births, birth weight 2,500 grams or more	29.41	4.25	2013
Adults who received a blood cholesterol measurement in the last 5 years	25.58	2.70	2014
Children ages 0-17 with a wellness checkup in the past 12 months	29.27	2.65	2014

Large Central Metro vs. Large Fringe Metro

Table Title for Measures Better Than Reference	Relative Difference	Z Score	Data Year
Adults with limited English proficiency and usual source of care (USC) by whether the USC had language assistance	-70.43	-2.52	2014
Deaths per 1,000 adult hospital admissions with abdominal aortic aneurysm (AAA) repair	-15.29	-2.23	2014
Suicide deaths per 100,000 population	-11.81	-12.02	2014
Persons with current asthma who received written asthma management plans from their health care provider	-11.39	-2.16	2013

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Children who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	38.78	1.79	2014
People who were unable to get or delayed in getting needed medical care in the last 12 months	24.24	1.89	2014
People who were unable to get or delayed in getting needed prescription medicines in the last 12 months	-15.63	-1.18	2014
People with a usual source of care, excluding hospital emergency rooms, who has office hours at night or on weekends	3.28	0.86	2014
Children who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	33.33	1.32	2014
Children who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	16.33	0.51	2014
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	7.35	3.54	2014
Postoperative hemorrhage or hematoma with surgical drainage or evacuation per 1,000 surgical hospital discharges, adults	-1.72	-0.80	2014
Postoperative pulmonary embolism (PE) or deep vein thrombosis (DVT) per 1,000 surgical hospital discharges, adults	5.99	7.07	2014
Postoperative respiratory failure per 1,000 elective surgical hospital discharges, adults	5.66	3.64	2014
Postoperative hip fracture per 1,000 surgical admissions who were not susceptible to falling, adults	-7.69	-0.71	2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, adults	7.82	6.72	2014
Accidental puncture or laceration during procedure per 1,000 medical and surgical admissions, children	6.98	0.71	2014
Hospital admissions with iatrogenic pneumothorax per 1,000 medical and surgical admissions, adults	1.08	0.71	2014
Deaths per 1,000 elective-surgery admissions having developed specified complications of care during hospitalization, ages 18-89 or obstetric admissions	8.16	6.09	2014
Deaths per 1,000 hospital admissions with expected low mortality	-3.33	-0.45	2014
Birth trauma - injury to neonate per 1,000 selected live births	-0.55	-0.07	2014
Obstetric trauma per 1,000 vaginal deliveries without instrument assistance	0.53	0.18	2014
Obstetric trauma per 1,000 instrument-assisted deliveries	-1.36	-0.34	2014
Adults age 65 and over who received in the calendar year at least 1 of 33 potentially inappropriate prescription medications for older adults	-21.43	-1.47	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never listened carefully to them	9.09	0.65	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never explained things in a way they could understand	21.74	1.28	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never showed respect for what they had to say	10.87	0.78	2014
Adults who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	8.14	0.66	2014
Children who had a doctor's office or clinic visit in the last 12 months whose health providers sometimes or never spent enough time with them	4.35	0.22	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Rating of health care 0-6 on a scale from 0 to 10 (best grade) by adults who had a doctor's office or clinic visit in the last 12 months	8.33	0.66	2014
Adults with limited English proficiency who had a usual source of care	-9.55	-0.86	2014
People with a usual source of care who sometimes or never asked person to help make decisions when there was a choice between treatments	7.14	0.91	2014
People with a usual source of care who usually asks about prescription medications and treatments from other doctors	-0.98	-0.13	2014
Emergency department visits with a principal diagnosis related to mental health only, per 100,000 population	23.39	1.72	2014
Emergency department visits with a principal diagnosis related to co-occurring mental health, alcohol, and substance abuse, per 100,000 population	0.00	0.00	2014
Potentially avoidable emergency department encounters for asthma, adults	24.09	1.77	2014
Hospital admissions for uncontrolled diabetes without complications per 100,000 population, adults, HCUP data	26.28	1.94	2014
Hospital admissions for short-term complications of diabetes per 100,000 population, ages 6-17	35.23	1.19	2014
Hospital admissions for asthma per 100,000 population, ages 18-39	9.56	0.97	2014
Potentially avoidable hospitalizations and emergency department encounters for congestive heart failure	13.98	1.26	2014
Hospital admissions for perforated appendix per 1,000 admissions with appendicitis, adults	-1.60	-1.08	2014
Hospital admissions for perforated appendix per 1,000 admissions with appendicitis, children	2.02	0.55	2014
Admissions for dehydration per 100,000 population, age 18 and over	-1.03	-0.13	2014
Avoidable admissions for chronic obstructive pulmonary disease or asthma per 100,000 population, age 40 and over	12.20	1.41	2014
Avoidable admissions for bacterial pneumonia per 100,000 population, age 18 and over	-9.27	-1.29	2014
Admissions for urinary tract infection (UTI) per 100,000 population, age 18 and over	-0.45	-0.05	2014
Admissions for urinary tract infection (UTI) per 100,000 population, ages 3 months to 17 years	11.97	0.63	2014
Admissions for pediatric gastroenteritis per 100,000 population, ages 3 months to 17 years	27.62	1.24	2014
Breast cancer deaths per 100,000 female population per year	2.44	1.77	2014
Colorectal cancer deaths per 100,000 population per year	5.19	4.95	2014
Lung cancer deaths per 100,000 population per year	-7.75	-10.96	2014
Deaths per 1,000 adult hospital admissions with acute myocardial infarction (AMI)	2.82	1.70	2014
Hospital admissions for congestive heart failure per 100,000 population	7.93	0.99	2014
Deaths per 1,000 adult hospital admissions with congestive heart failure	-1.86	-1.06	2014
Deaths per 1,000 hospital admissions with percutaneous transluminal coronary angioplasty (PTCA), age 40 and over	4.73	1.94	2014
Adults age 40 and over with diagnosed diabetes who received a dilated eye examination in the calendar year	19.23	1.56	2014
Adults age 40 and over with diagnosed diabetes who had their feet checked for sores or irritation in the calendar year	-1.00	-0.08	2014
Adults age 40 and over with diagnosed diabetes who received a flu vaccination in the calendar year	8.53	0.82	2014

Table Title for Measures Same as Reference	Relative Difference	Z Score	Data Year
Adults with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	-5.25	-0.58	2015
People age 12 and over who needed treatment for illicit drug use and who received such treatment at a specialty facility in the last 12 months	-0.71	-0.21	2015
People age 12 and over who needed treatment for an alcohol problem who received such treatment at a specialty facility in the last 12 months	0.54	0.29	2015
Adults with chronic joint symptoms who have ever seen a doctor or other health professional for joint symptoms	10.14	1.28	2014
Deaths per 1,000 adult hospital admissions with pneumonia	8.24	3.54	2014
People with current asthma who are now taking preventive medicine daily or almost daily (either oral or inhaler)	3.59	0.94	2014
Live-born infants with low birth weight (less than 2,500 g)	6.49	9.57	2014
Infant mortality per 1,000 live births, birth weight 2,500 grams or more	5.88	1.14	2013
Adult current smokers with a checkup in the last 12 months who received advice to quit smoking	-12.77	-1.01	2014
Adults with obesity who ever received advice from a health professional to exercise more	-2.16	-0.35	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about the amount and kind of exercise, sports, or physically active hobbies they should have	3.06	0.55	2014
Adults with obesity who ever received advice from a health professional about eating fewer high-fat or high-cholesterol foods	-3.59	-0.79	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about healthy eating	8.48	0.94	2014
Women ages 50-74 who received a mammogram in the last 2 years	-1.88	-0.25	2013
Women ages 21-65 who received a Pap smear in the last 3 years	12.21	1.74	2013
Adults who received a blood cholesterol measurement in the last 5 years	-3.10	-0.46	2014
Adults age 65 and over who received an influenza vaccination in the last 12 months	-6.25	-0.59	2014
Hospital admissions for immunization-preventable influenza per 100,000 population, age 65 and over	-13.03	-1.28	2014
Children ages 3-5 who ever had their vision checked by a health provider	-11.53	-0.79	2014
Children for whom a health provider gave advice within the past 2 years about how smoking in the house can be bad for a child	-6.67	-1.28	2014
Children 0-40 lb for whom a health provider gave advice within the past 2 years about using a child safety seat while riding in the car	14.06	1.09	2014
Children 41-80 lb for whom a health provider gave advice within the past 2 years about using a booster seat when riding in the car	7.56	0.92	2014
Children over 80 lb for whom a health provider gave advice within the past 2 years about using lap or shoulder belts when riding in a car	5.32	0.85	2014
Children ages 2-17 for whom a health provider gave advice within the past 2 years about using a helmet when riding a bicycle or motorcycle	9.53	1.88	2014
People under age 65 whose family's health insurance premium and out-of-pocket medical expenditures were more than 10% of total family income	-6.83	-0.91	2014
People unable to get or delayed in getting needed medical care due to financial or insurance reasons	-13.83	-1.58	2014
People unable to get or delayed in getting needed dental care due to financial or insurance reasons	-6.55	-1.24	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
People unable to get or delayed in getting needed prescription medicines due to financial or insurance reasons	-12.75	-1.59	2014
Adults who had any appointments for routine health care in the last 12 months who sometimes or never got an appointment for routine care as soon as needed	18.11	2.02	2014
Adults who needed care right away for an illness, injury, or condition in the last 12 months who sometimes or never got care as soon as needed	30.63	2.00	2014
People under age 65 with health insurance	36.36	6.25	2014
People under age 65 with any private health insurance	38.30	9.47	2014
Adults age 65 and over with any private health insurance	39.20	9.21	2014
People under age 65 who were uninsured all year	37.76	4.01	2014
People under age 65 with any period of uninsurance during the year	33.00	5.23	2014
People with a specific source of ongoing care	44.23	7.18	2014
People with a usual primary care provider	29.91	5.88	2014
People in fair or poor health with a specific source of ongoing care	39.02	2.06	2014
People who were unable to get or delayed in getting needed dental care in the last 12 months	32.61	2.65	2014
People with a usual source of care who is somewhat to very difficult to contact during regular business hours over the telephone	16.26	2.02	2014
Adults who needed to see a specialist in the last 12 months who sometimes or never found it easy to see a specialist	25.98	2.12	2014
Adults who had a doctor's office or clinic visit in the last 12 months and needed care, tests, or treatment who sometimes or never found it easy to get the care, tests, or treatment	52.38	2.89	2014
Postoperative sepsis per 1,000 elective-surgery admissions of length 4 or more days, adults	17.07	7.77	2014
Postoperative physiologic and metabolic derangements per 1,000 elective surgical hospital discharges, adults	24.43	10.14	2014
Reclosure of postoperative abdominal wound dehiscence per 1,000 abdominopelvic-surgery admissions of length 2 or more days, adults	25.74	2.63	2014
Emergency department visits with a principal diagnosis related to substance abuse only, per 100,000 population	32.52	2.03	2014
Potentially avoidable emergency department encounters for asthma, children ages 2-17	56.31	2.42	2014
Hospital admissions for short-term complications of diabetes per 100,000 population, adults	17.08	1.97	2014
Hospital admissions for long-term complications of diabetes per 100,000 population, adults	30.22	3.12	2014
Hospital admissions for lower extremity amputations per 1,000 population age 18 and over with diabetes, HCUP data	30.43	2.99	2014
Hospital admissions for asthma per 100,000 population, ages 2-17	55.09	2.19	2014
Avoidable admissions for hypertension per 100,000 population, age 18 and over	22.96	2.21	2014
Avoidable admissions for angina per 100,000 population, age 18 and over	26.36	2.41	2014
Deaths per 1,000 hospital admissions with coronary artery bypass surgery, age 40 and over	12.93	2.43	2014
Adults age 40 and over with diagnosed diabetes who received at least two hemoglobin A1c measurements in the calendar year	79.89	3.45	2014
HIV infection deaths per 100,000 population	153.85	16.77	2014

Table Title for Measures Worse Than Reference	Relative Difference	Z Score	Data Year
Children ages 12-17 with a major depressive episode in the last 12 months who received treatment for depression in the last 12 months	14.18	2.07	2015
Adults who received a blood pressure measurement in the last 2 years and can state whether their blood pressure was normal or high	38.24	4.60	2014
Children who had their height and weight measured by a health provider within the past 2 years	68.09	3.47	2014
Children ages 2-17 who had a dental visit in the calendar year	18.63	2.79	2014
Children ages 0-17 with a wellness checkup in the past 12 months	39.84	4.33	2014
People without a usual source of care who indicated a financial or insurance reason for not having a source of care	34.09	2.72	2014



APPENDIX C: DATA SOURCES USED FOR 2016 REPORT

The *National Healthcare Quality and Disparities Report* is a comprehensive national overview of quality of health care in the United States. The report also examines disparities in health care among priority populations, such as racial and ethnic minority groups. The report is compiled from multiple federal, state, and private data sources, including databases and surveys.

Federal Sources of Data

Agency for Healthcare Research and Quality

- Healthcare Cost and Utilization Project (HCUP) (see next page for details)
- Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS)
- Home Health Consumer Assessment of Healthcare Providers and Systems (HHCAHPS)
- Medical Expenditure Panel Survey (MEPS)
- National CAHPS[®] Benchmarking Database (NCBD) – Health Plan Survey Database

Centers for Disease Control and Prevention

- Behavioral Risk Factor Surveillance System (BRFSS)
- National Ambulatory Medical Care Survey (NAMCS)
- National Health and Nutrition Examination Survey (NHANES)
- National Health Interview Survey (NHIS)
- National HIV Surveillance System (NHSS)
- National Hospital Ambulatory Medical Care Survey (NHAMCS)
- National Immunization Survey (NIS)
- National Program of Cancer Registries (NPCR)
- National Tuberculosis Surveillance System (NTSS)
- National Vital Statistics System—Linked Birth and Infant Death Data (NVSS-L)
- National Vital Statistics System—Mortality (NVSS-M)
- National Vital Statistics System—Natality (NVSS-N)

Centers for Medicare & Medicaid Services

- Hospital Inpatient Quality Reporting (HIQR) Program

Health Resources and Services Administration

- Uniform Data System (UDS)
- HIV/AIDS Bureau - Ryan White HIV/AIDS Program

Indian Health Service

- Indian Health Service National Data Warehouse (NDW)

National Institutes of Health

- United States Renal Data System (USRDS)

Substance Abuse and Mental Health Services Administration

- National Survey on Drug Use and Health (NSDUH)
- Substance Use Disorder Treatment Episode Data Set (TEDS)

Multi-Agency Data Sources

- Medicare Patient Safety Monitoring System (MPSMS)

Academic Institutions

University of Michigan

- University of Michigan Kidney Epidemiology and Cost Center (UMKECC)

Professional Organizations and Associations

American Hospital Association

- American Hospital Association Annual Survey Information Technology Supplement

Commission on Cancer and American Cancer Society

- National Cancer Data Base (NCDB)

Additional Information on Agency for Healthcare Research and Quality HCUP Partners

The State Inpatient Databases (SID) disparities analysis file was created from SID data to provide national estimates for the QDR. It consists of weighted records from a sample of hospitals from the following 36 States participating in the Healthcare Cost and Utilization Project (HCUP) that have high-quality race/ethnicity data: AR, AZ, CA, CO, CT, DC, FL, GA, HI, IA, IL, IN, KS, KY, MD, MI, MO, NC, NJ, NM, NV, NY, OK, OR, PA, RI, SC, SD, TN, TX, VA, VT, WA, WI, WV, and WY.

In 2014, the 36 States accounted for 80 percent of U.S. discharges from community, nonrehabilitation hospitals (based on the American Hospital Association Annual Survey). A full list of HCUP partners appears below, including States that are not part of the disparities analysis file.

Sources of HCUP Data

- **Alaska** Department of Health and Social Services
- **Alaska** State Hospital and Nursing Home Association
- **Arizona** Department of Health Services
- **Arkansas** Department of Health
- **California** Office of Statewide Health Planning and Development
- **Colorado** Hospital Association
- **Connecticut** Hospital Association
- **District of Columbia** Hospital Association
- **Florida** Agency for Health Care Administration
- **Georgia** Hospital Association
- **Hawaii** Health Information Corporation
- **Illinois** Department of Public Health
- **Indiana** Hospital Association
- **Iowa** Hospital Association
- **Kansas** Hospital Association
- **Kentucky** Cabinet for Health and Family Services
- **Louisiana** Department of Health

- **Maine** Health Data Organization
- **Maryland** Health Services Cost Review Commission
- **Massachusetts** Center for Health Information and Analysis
- **Michigan** Health & Hospital Association
- **Minnesota** Hospital Association
- **Mississippi** State Department of Health
- **Missouri** Hospital Industry Data Institute
- **Montana** Hospital Association
- **Nebraska** Hospital Association
- **Nevada** Department of Health and Human Services
- **New Hampshire** Department of Health & Human Services
- **New Jersey** Department of Health
- **New Mexico** Department of Health
- **New York** State Department of Health
- **North Carolina** Department of Health and Human Services
- **North Dakota** (data provided by the Minnesota Hospital Association)
- **Ohio** Hospital Association
- **Oklahoma** State Department of Health
- **Oregon** Association of Hospitals and Health Systems
- **Oregon** Office of Health Analytics
- **Pennsylvania** Health Care Cost Containment Council
- **Rhode Island** Department of Health
- **South Carolina** Revenue and Fiscal Affairs Office
- **South Dakota** Association of Healthcare Organizations
- **Tennessee** Hospital Association
- **Texas** Department of State Health Services
- **Utah** Department of Health
- **Vermont** Association of Hospitals and Health Systems
- **Virginia** Health Information
- **Washington** State Department of Health
- **West Virginia** Health Care Authority
- **Wisconsin** Department of Health Services
- **Wyoming** Hospital Association

APPENDIX D: DEFINITIONS USED IN 2016 REPORT

Racial and Ethnic Groups

Racial and ethnic groups are defined according to Standards for the Classification of Federal Data on Race and Ethnicity, issued by the Office of Management and Budget (available at <https://www.gpo.gov/fdsys/granule/FR-1997-10-30/97-28653>).

The basic racial and ethnic categories for federal statistics and program administrative reporting are defined as follows:

1. **American Indian or Alaska Native.** A person having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment.
2. **Asian.** A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam..
3. **Black or African American.** A person having origins in any of the black racial groups of Africa. Terms such as “Haitian” or “Negro” can be used in addition to “Black or African American.”
4. **Hispanic or Latino.** A person of Cuban, Mexican, Puerto Rican, Central or South American, or other Spanish culture or origin, regardless of race. The term “Spanish origin” can be used in addition to “Hispanic or Latino.”
5. **Native Hawaiian or Other Pacific Islander.** A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.
6. **White.** A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

Income

Income groups are based on the Federal Poverty Level (FPL) for a family of four:

- Poor: Less than 100% of FPL
- Low income: 100% to less than 200% of FPL
- Middle income: 200% to less than 400% of FPL
- High income: 400% or more of FPL

The poverty guidelines are available at <https://aspe.hhs.gov/poverty-guidelines>.

Urban-Rural Areas

Urban and rural areas are defined based on the National Center for Health Statistics 2013 Urban-Rural Classification Scheme.

- Metropolitan counties:

- Large central metro counties in metropolitan statistical area (MSA) of 1 million population that: (1) contain the entire population of the largest principal city of the MSA, or (2) are completely contained within the largest principal city of the MSA, or (3) contain at least 250,000 residents of any principal city in the MSA
- Large fringe metro counties in MSA of 1 million or more population that do not qualify as large central
- Medium metro counties in MSA of 250,000-999,999 population
- Small metro counties in MSAs of less than 250,000 population
- Nonmetropolitan counties:
 - Micropolitan: Urban cluster population 10,000-49,999
 - Noncore: Nonmetropolitan counties that did not qualify as micropolitan

More information, including a map showing county classifications, is available at https://www.cdc.gov/nchs/data_access/urban_rural.htm.

Activity Limitations

Activity limitations are classified as basic, complex, and neither:

- Basic activity limitations include problems with mobility, self-care (activities of daily living), domestic life (instrumental activities of daily living), and activities that depend on sensory functioning (limited to people who are blind or deaf).
- Complex activity limitations include limitations experienced in work and in community, social, and civic life. For the purpose of the QDR, adults with disabilities are those with physical, sensory, and/or mental health conditions that can be associated with a decrease in functioning in such day-to-day activities as bathing, walking, doing everyday chores, and engaging in work or social activities.

The paired measure is intended to be consistent with statutory definitions of disability, such as the first criterion of the 1990 Americans With Disabilities Act and other federal program definitions of disability. The category “neither” refers to individuals with neither basic nor complex activity limitations, as defined here.