

| Physician Group/Practice Measures | | | | | | |
|---|------------|--------------|----------------------------------|---------------------|------------------------------|-----------------|
| Measure/Tool Name | Set | NQF # | Data Source(s) | Measure Type | Data Already Reported | Mandated |
| Consumer Assessment of Healthcare Providers and Systems (CAHPS) - Clinician & Group Survey | CAHPS | 5 | Survey | PE | X | X |
| Therapeutic monitoring: Annual monitoring for patients on persistent medications | HEDIS | | MHQP (Claims & clinical records) | P | X | X |
| Use of spirometry testing in the assessment and diagnosis of chronic obstructive pulmonary disease (COPD) | HEDIS | 577 | MHQP (Claims & clinical records) | P | X | X |
| Cholesterol management for patients with cardiovascular conditions | HEDIS | | MHQP (Claims & clinical records) | O | X | X |
| Controlling high blood pressure | HEDIS | 18 | MHQP (Claims & clinical records) | O | | X |
| Comprehensive diabetes care | HEDIS | 731 | Claims & clinical records | C | | X |
| Use of appropriate medications for people with asthma | HEDIS | 36 | MHQP (Claims & clinical records) | P | X | X |
| Disease modifying anti-rheumatic drug therapy for rheumatoid arthritis | HEDIS | 54 | Claims & clinical records | P | | X |
| Osteoporosis management in women who had fracture | HEDIS | 53 | Claims & clinical records | P | | X |
| Pharmacotherapy of chronic obstructive pulmonary disease (COPD) exacerbation | HEDIS | | Claims & clinical records | P | | X |
| Medication management for people with asthma (MMA) | HEDIS | 1799 | Claims & clinical records | P | | X |
| Asthma Medication Ratio | HEDIS | 1800 | Claims & clinical records | P | | X |
| CAHPS Health Plan Survey: Children with Chronic Conditions Supplement | HEDIS | 9 | Survey | C | X | X |
| Fall Risk Management | HEDIS | 35 | Claims & clinical records | P | | X |
| Potentially harmful drug-disease interactions in the elderly | HEDIS | | Claims & clinical records | P | | X |
| Avoidance of antibiotic treatment in adults with acute bronchitis | HEDIS | 58 | MHQP (Claims & clinical records) | P | | X |

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|---|-------|-------|----------------------------------|--------------|-----------------------|----------|
| Use of imaging studies for low back pain | HEDIS | 52 | MHQP (Claims & clinical records) | P | | X |
| Use of high-risk medications in the elderly | HEDIS | 22 | Claims & clinical records | P | | X |
| Care for older adults - medication review | HEDIS | 553 | Claims & clinical records | P | | X |
| Persistence of beta-blocker treatment after a heart attack | HEDIS | 71 | Claims & clinical records | P | | X |
| Glaucoma screening in older adults | HEDIS | | Claims & clinical records | P | | X |
| Urinary Incontinence Management in Older Adults | HEDIS | 30 | Claims & clinical records | P | | X |
| Counseling on Physical Activity in Older Adults | HEDIS | 29 | Claims & clinical records | P | | X |
| Aspirin Use and Discussion | HEDIS | | Claims & clinical records | P | | X |
| Medication reconciliation post-discharge | HEDIS | 554 | Claims & clinical records | P | | X |
| Appropriate treatment for children with upper respiratory infection | HEDIS | 69 | MHQP (Claims & clinical records) | P | X | X |
| Well-child visits in the third, fourth, fifth and sixth years of life | HEDIS | 1516 | MHQP (Claims & clinical records) | U | X | X |
| Appropriate testing of children with pharyngitis | HEDIS | 2 | MHQP (Claims & clinical records) | P | | X |
| Follow-up care for children prescribed ADHD medication | HEDIS | 108 | MHQP (Claims & clinical records) | P | X | X |
| Adolescent well-care visits | HEDIS | | MHQP (Claims & clinical records) | U | X | X |
| Childhood immunization status | HEDIS | 38 | Claims & clinical records | P | | X |
| Immunizations for adolescents | HEDIS | | Claims & clinical records | P | | X |
| Lead screening in children | HEDIS | | Claims & clinical records | P | | X |
| Weight assessment and counseling for nutrition and physical activity for children/adolescents | HEDIS | 24 | Claims & clinical records | P | | X |

| Measure/Tool Name | Set | NQF # | Data Source(s) | Measure Type | Data Already Reported | Mandated |
|--|-------|-------|----------------------------------|--------------|-----------------------|----------|
| Children's and adolescents' access to primary care practitioners | HEDIS | | Claims & clinical records | A | | X |
| Human Papillomavirus Vaccine for Female Adolescents | HEDIS | 1959 | Claims & clinical records | P | | X |
| Frequency of ongoing prenatal care | HEDIS | 1391 | Claims & clinical records | O | | X |
| Prenatal and postpartum care | HEDIS | 1517 | Claims & clinical records | O | | X |
| Well-child visits in the first 15 months of life | HEDIS | 1392 | MHQP (Claims & clinical records) | U | X | X |
| Breast cancer screening | HEDIS | | MHQP (Claims & clinical records) | P | X | X |
| Colorectal cancer screening | HEDIS | 34 | MHQP (Claims & clinical records) | P | X | X |
| Cervical cancer screening | HEDIS | 32 | MHQP (Claims & clinical records) | P | X | X |
| Chlamydia screening in women | HEDIS | 33 | MHQP (Claims & clinical records) | P | X | X |
| Adult BMI Assessment | HEDIS | | Claims & clinical records | P | | X |
| Adults' access to preventive/ambulatory health services | HEDIS | | Claims & clinical records | A | | X |
| Flu shots for older adults | HEDIS | | Claims & clinical records | P | | X |
| Pneumonia vaccination status for older adults | HEDIS | 43 | Claims & clinical records | P | | X |
| Osteoporosis Testing in Older Women | HEDIS | 37 | Claims & clinical records | P | | X |
| Flu Shots for Adults Ages 50-64 | HEDIS | 39 | Claims & clinical records | P | | X |
| Annual dental visit | HEDIS | 1388 | Claims & clinical records | O | | X |
| Initiation and engagement of alcohol and other drug dependence treatment | HEDIS | 4 | Claims & clinical records | P | | X |
| Medical Assistance With Smoking and Tobacco Use Cessation | HEDIS | 27 | Survey | P | | X |
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| Measure/Tool Name | Set | NQF # | Data Source(s) | Measure Type | Data Already Reported | Mandated |
|--|----------|-------|----------------------------------|--------------|-----------------------|----------|
| Antidepressant medication management | HEDIS | 105 | MHQP (Claims & clinical records) | P | X | X |
| Follow-up after hospitalization for mental illness | HEDIS | 576 | Claims & clinical records | P | | X |
| Adherence to Antipsychotics for Individuals with Schizophrenia | HEDIS | 1879 | Claims & clinical records | P | | X |
| Diabetes Screening for People with Schizophrenia or Bipolar Disorder Who are Using Antipsychotic Medications | HEDIS | 1932 | Claims & clinical records | P | | X |
| Diabetes Monitoring for People with Diabetes and Schizophrenia | HEDIS | 1934 | Claims & clinical records | P | | X |
| Cardiovascular Monitoring for People with Cardiovascular Disease and Schizophrenia | HEDIS | 1933 | Claims & clinical records | P | | X |
| Non-Recommended Cervical Cancer Screening in Adolescent Females | HEDIS | | Claims & clinical records | P | | X |
| Asthma in younger adults (PQI 15) | PQI | 283 | HDD | O | X | |
| Chronic obstructive pulmonary disease (PQI 5) | PQI | 275 | Claims & clinical records | O | X | |
| Congestive Heart Failure Admission Rate (PQI 8) | PQI | 277 | HDD | O | X | |
| Diabetes Short-Term Complications Admission Rate (PQI 1) | PQI | 272 | Claims & clinical records | O | X | |
| Low Birth Weight Rate (PQI 9) | PQI | 278 | HDD or DPH reporting | O | X | |
| Screening for Clinical Depression | | 418 | Claims & clinical records | P | | |
| Measure pair: a. Tobacco Use Assessment, b. Tobacco Cessation Intervention | AMA-PCPI | 28 | Claims & clinical records | P | | |
| Unhealthy Alcohol Use: Screening & Brief Counseling | | | Claims & clinical records | P | | |
| Asthma Emergency Department Visits | | 1381 | HDD | O | | |
| Depression Utilization of the PHQ-9 Tool | | 712 | Clinical records | P | | |
| Maternal Depression Screening | | 1401 | Clinical records | P | | |
| Depression screening by 18 years of age | | 1515 | Clinical records | P | | |

| Hospital Measures | | | | | | |
|--|------------|--------------|---------------------------|---------------------|------------------------------|-----------------|
| Measure/Tool Name | Set | NQF # | Data Source(s) | Measure Type | Data Already Reported | Mandated |
| Prophylactic antibiotic received within 1-hour prior to surgical incision (SCIP-Inf-1a) | SCIP-Inf | 527 | CMS/Hospital Compare | P | X | X |
| Prophylactic antibiotic selection for surgical patients (SCIP-Inf-2a) | SCIP-Inf | 528 | CMS/Hospital Compare | P | X | X |
| Prophylactic antibiotics discontinued within 24 hours after surgery end time (SCIP-Inf-3a) | SCIP-Inf | 529 | CMS/Hospital Compare | P | X | X |
| Cardiac Surgery Patients With Controlled Postoperative Blood Glucose (SCIP-Inf-4) | SCIP-Inf | 300 | CMS/Hospital Compare | P | X | X |
| Urinary Catheter Removed on Postoperative Day 1 (POD 1) or Postoperative Day 2 (POD 2) with day of surgery being day zero (SCIP-Inf-9) | SCIP-Inf | 453 | CMS/Hospital Compare | P | X | X |
| Surgery Patients with Perioperative Temperature Management (SCIP-Inf-10) | SCIP-Inf | 452 | CMS/Hospital Compare | P | X | X |
| Surgery patients with recommended venous thromboembolism prophylaxis ordered (SCIP-VTE-1) | SCIP-VTE | | CMS/Hospital Compare | P | X | X |
| Surgery patients who received appropriate venous thromboembolism prophylaxis within 24 hours prior to surgery to 24 hours after surgery (SCIP-VTE-2) | SCIP-VTE | 218 | CMS/Hospital Compare | P | X | X |
| Surgery Patients on Beta-Blocker Therapy Prior to Arrival Who received a Beta-Blocker During the Perioperative Period (SCIP-Card-2) | SCIP-Card | 284 | CMS/Hospital Compare | P | X | X |
| Plan All-Cause Readmission (NCQA) | HEDIS | 1768 | Claims & clinical records | O | | X |
| Relievers for inpatient asthma (CAC 1) | CAC | 143 | CMS/Hospital Compare | P | | |
| Systemic corticosteroids for inpatient asthma (CAC 2) | CAC | 144 | CMS/Hospital Compare | P | | |
| Home Management Plan of Care Document Given to Patient/Caregiver (CAC 3) | CAC | | CMS/Hospital Compare | P | | |
| Hospital-Wide All-Cause Unplanned Readmission Measure (Yale/CMS) | | 1789 | HDD | O | | |
| Timely transmission of transition record (CCM 3) | CCM | | Clinical records | P | | |
| Detailed Discharge Instructions (HF 1) | HF | | CMS/Hospital Compare | P | X | X |
| Evaluation of Left Ventricular Systolic (LVS) Function (HF 2) | HF | 135 | CMS/Hospital | P | X | X |

| | | | Compare | | | |
|---|-------|---------|----------------------|--------------|-----------------------|----------|
| Measure/Tool Name | Set | NQF # | Data Source(s) | Measure Type | Data Already Reported | Mandated |
| Initial antibiotic selection for community-acquired pneumonia (CAP) in immunocompetent patients (PN 6) | PN | 147 | CMS/Hospital Compare | P | X | X |
| Aspirin prescribed at discharge for AMI (AMI 2) | AMI | 142 | CMS/Hospital Compare | P | X | X |
| Fibrinolytic therapy received within 30 minutes of hospital arrival (AMI 7a) | AMI | 164 | CMS/Hospital Compare | P | X | X |
| Primary percutaneous coronary intervention (PCI) received within 90 minutes of hospital arrival (AMI 8a) | AMI | 163 | CMS/Hospital Compare | P | X | X |
| Statin Prescribed at Discharge (AMI 10) | AMI | 639 | CMS/Hospital Compare | P | X | X |
| Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) (Includes 13 measures: 10 HCAHPS and CTM-3) | CAHPS | 166/228 | Survey | PE/C | X | X |
| Computerized physician order entry standards | | | Leapfrog | S | X | |
| Rate of Babies Electively Delivered Before Full-Term | | | Leapfrog | P | X | |
| Pressure Ulcer Rate (PSI 3) | PSI | | HDD | O | X | |
| Iatrogenic Pneumothorax Rate (PSI 6) | PSI | 346 | HDD | O | X | |
| Central Venous Catheter-related Blood Stream Infection Rate (PSI 7) | PSI | | HDD | O | X | |
| Post-operative Respiratory Failure Rate (PSI 11) | PSI | 533 | HDD | O | X | |
| Post-operative Pulmonary Embolism or Deep Vein Thrombosis (PE/DVT) Rate (PSI 12) | PSI | 450 | HDD | O | X | |
| Accidental Puncture or Laceration Rate (PSI 15) | PSI | 345 | HDD | O | X | |
| Post-operative Hip Fracture Rate (PSI 8) | PSI | | HDD | O | X | |
| Birth Trauma Rate: Injury to Neonates (PSI 17) | PSI | | HDD | O | X | |
| Obstetric Trauma: Vaginal Delivery with Instrument (PSI 18) | PSI | | HDD | O | X | |
| Obstetric Trauma: Vaginal Delivery without Instrument (PSI 19) | PSI | | HDD | O | X | |
| Patients discharged on multiple antipsychotic medications (HBIPS 4) | HBIPS | 552 | Clinical records | P | | |
| Post discharge continuing care plan transmitted to next level of care provider upon discharge (HBIPS 7) | HBIPS | 558 | Clinical records | P | | |
| Post discharge continuing care plan created (HBIPS 6) | HBIPS | 557 | Clinical records | P | | |
| High-risk Newborn Deliveries (PC-03) | PC | 476 | Leapfrog | O | X | |
| Newborn Bilirubin Screening & DVT Prophylaxis in Women Undergoing Cesarean Section | | | Leapfrog | P | X | |
| Incidence of Episiotomy | | | Leapfrog | O | X | |
| Aortic Valve Replacement | | | Leapfrog | O | X | |

| Measure/Tool Name | Set | NQF # | Data Source(s) | Measure Type | Data Already Reported | Mandated |
|--|-----|-------|---------------------------|--------------|-----------------------|----------|
| Pancreatic Resection | | 738 | Leapfrog | O | X | |
| Cesarean Section (PC-02) | PC | 471 | Claims & clinical records | O | | |
| Patient Safety Composite (PSI 90) | PSI | 531 | HDD | C | X | |
| Pneumonia 30-day mortality rate | | 468 | CMS/Hospital Compare | O | X | |
| Heart failure 30-day mortality rate | | 229 | CMS/Hospital Compare | O | X | |
| AMI 30-day mortality rate | | 230 | CMS/Hospital Compare | O | X | |
| Hospital-onset methicillin resistant staphylococcus bacteremia aureus (MRSA) | | 1716 | CMS Hospital Compare | O | X | |
| Central-Line Associated Bloodstream Infection | | 139 | CMS Hospital Compare | O | X | |
| Hospital-onset <i>C. difficile</i> | | 1717 | CMS Hospital Compare | O | X | |
| Catheter-Associated Urinary Tract Infections | | 138 | CMS Hospital Compare | O | X | |
| SSI Surgical Site Infection: SSI colon, SSI-abdominal hysterectomy | | 753 | CMS Hospital Compare | O | X | |

Post- Acute Measures

| Measure/Tool Name | Set | NQF # | Data Source(s) | Measure Type | Data Already Reported | Mandated |
|---|-------|-------|--------------------------|--------------|-----------------------|----------|
| Acute care hospitalization (risk-adjusted) | OASIS | 171 | CMS/Home Health Compare | O | X | |
| Emergency Department Care without Hospitalization (risk-adjusted) | OASIS | 173 | CMS/Home Health Compare | O | X | |
| Timely Initiation of Care | OASIS | 526 | CMS/ Home Health Compare | P | X | |
| Percent of Residents with Pressure Ulcers That Are New or Worsened (Short-Stay) | | 678 | CMS/Nursing Home Compare | O | X | |

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|---|-----|------|---------------------------|---|------|--|
| Percent of High Risk Residents with Pressure Ulcers (Long Stay) | | 679 | CMS/Nursing Home Compare | O | X | |
| Percent of Residents Who Self-Report Moderate to Severe Pain (Short-Stay) | | 676 | CMS/Nursing Home Compare | O | X | |
| Percent of Residents Who Self-Report Moderate to Severe Pain (Long-Stay) | | 677 | CMS/Nursing Home Compare | O | X | |
| Proportion admitted to hospice for less than 3 days | | 216 | Claims & clinical records | P | | |
| Advance Care Plan | | 326 | Claims | P | | |
| Palliative and End of Life Care: Dyspnea Screening & Management | | | Clinical records | P | | |
| Pain Screening* | HIS | 1634 | CMS | P | 2016 | |
| Pain Assessment* | HIS | 1637 | CMS | P | 2016 | |
| Dyspnea Screening* | HIS | 1639 | CMS | P | 2016 | |
| Dyspnea Treatment* | HIS | 1638 | CMS | P | 2016 | |
| Beliefs/Values Addressed* | HIS | 1647 | CMS | P | 2016 | |
| Hospice and Palliative Care – Treatment Preferences* | HIS | 1641 | CMS | P | 2016 | |

*May apply to care delivered in acute and non-acute settings

Added to set in 2014

| Measure Sets | |
|--------------|---|
| HEDIS | Healthcare Effectiveness Data and Information Set |
| PQI | Prevention Quality Indicators |
| HF | Heart Failure |
| PSI | Patient Safety Indicators |
| CAC | Children’s Asthma Care |
| AMI | Acute Myocardial Infarction |
| SCIP | Surgical Care Improvement Project |
| CAHPS | The Consumer Assessment of Healthcare Providers and Systems |
| OASIS | Outcome and Assessment Information Set |
| AMA-PCPI | AMA’s Physician Consortium for Performance Improvement |
| HBIPS | Hospital-based Inpatient Psychiatric Services |
| HIS | Hospice Item Set |
| PC | Perinatal Care |

| Measure Types | |
|---------------|-------------------------------|
| P | Process |
| O | Outcome |
| C | Composite |
| U | Use of Services |
| A | Access |
| S | Structural |
| PE | Patient Engagement/Experience |