

CENTER FOR HEALTH INFORMATION AND ANALYSIS

A FOCUS ON PROVIDER
QUALITY

TECHNICAL APPENDIX

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A Focus on Provider Quality

TECHNICAL APPENDIX

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Metrics: Health Care-Associated Infections (HAI)

Measure Steward: Centers for Disease Control and Prevention

CHIA Data Source: CMS Hospital Compare

Population: All Payers, All Ages

MEASURE NAME	DESCRIPTION	PRIMARY DATA SOURCE
Catheter-Associated Urinary Tract Infections (CAUTI)	Standardized Infection Ratio (SIR) of healthcare-associated, catheter-associated urinary tract infections (UTI) among patients in bedded inpatient care locations, except level II or level III neonatal intensive care units (NICUs).	Health record
Central-Line Associated Bloodstream Infection (CLABSI)	Standardized Infection Ratio (SIR) of healthcare-associated, central line-associated bloodstream infections (CLABSI) among patients in bedded inpatient care locations.	Health record
Hospital-Onset <i>C. difficile</i>	Standardized infection ratio (SIR) of hospital-onset CDI Laboratory-identified events (LabID events) among all inpatients in the facility, excluding well-baby nurseries and neonatal intensive care units (NICUs).	Health record
Hospital-Onset Methicillin-Resistant <i>Staphylococcus Aureus</i> (MRSA)	Standardized infection ratio (SIR) of hospital-onset unique blood source MRSA Laboratory-identified events (LabID events) among all inpatients in the facility.	Health record
SSI Surgical Site Infection: SSI Colon Surgery, SSI Abdominal Hysterectomy	Facility adjusted standardized infection ratio (SIR) of deep incisional and organ/space Surgical Site Infections (SSI) at the primary incision site among adult patients aged >= 18 years as reported through the CDC National Health and Safety Network (NHSN). This single prototype measure is applied to two operative procedures, colon surgeries and abdominal hysterectomies, and the measure yields separate SIRs for each procedure.	Health record

Definition:

Performance on these measures is reported as a standardized infection ratio (SIR), or the ratio of the observed number of infections to the expected number of infections at a particular facility. The CDC adjusts the SIR for risk factors associated with differences in a facility's infection rates, like hospital type, medical school affiliation, and bed size for CLABSI and CAUTI, and patient and procedural differences for SSI. The pre-calculated SIRs for health care-associated infections were retrieved from CMS Hospital Compare. Where a hospital's performance is not included on Hospital Compare because of small numbers, missing data, or because the measure does not apply, the data is not included in the report.

The expected number of infections is calculated based on a national baseline rate from historical data. For CLABSI and SSI measures, the baseline is from 2006 to 2008. For CAUTI, the baseline is from 2009. For MRSA and C.

difficile infections, the baseline is 2010 to 2011. This baseline is then adjusted using the hospital characteristics described above.

Metrics: The Leapfrog Group

Steward: Varied

CHIA Data Source: The Leapfrog Group Hospital Survey

Population: All Payers, All Ages

MEASURE NAME	DESCRIPTION	PRIMARY DATA SOURCE
NTSV Cesarean Section	Percent of cesarean sections for first-time pregnancy (nulliparous) that has reached 37th week or later (term) and consists of one fetus (singleton) in the head-down position (vertex).	Hospital Survey derived from health records
	Fully Meets Standard <= 23.9%	
	Substantial Progress > 23.9% and <= 27.0%	
	Some Progress > 27.0% and <= 33.3%	
	Willing to Report > 33.3%	
Elective Delivery Prior to 39 Completed Weeks Gestation	Percent of deliveries that were elective and not medically necessary prior to 39 completed weeks gestation.	Hospital Survey derived from health records
	Fully Meets Standard <= 5%	
	Substantial Progress > 5% and <= 10%	
	Some Progress > 10% and <= 15%	
	Willing to Report > 15%	
Rate of Episiotomy	Percent of vaginal deliveries (excluding those coded with shoulder dystocia) during which an episiotomy is performed.	Hospital Survey derived from health records
	Fully Meets Standard <= 5%	
	Substantial Progress > 5% and <= 10%	
	Some Progress > 10% and <= 15%	
	Willing to Report > 15%	
Computerized Physician Order Entry (CPOE)	<ul style="list-style-type: none"> The percentage of medication orders entered electronically via a computer system that includes decision support software to reduce prescribing errors. Electronic system checks medication orders for common prescribing errors, such as incorrect dosage, incorrect medication, and drug interactions, and catches at least 50% of errors. For complete description of measure scoring, see: http://www.leapfroggroup.org/sites/default/files/Files/2016ScoringAlgorithm_Final_Updated100316.pdf 	Hospital Survey derived from health records

MEASURE NAME	DESCRIPTION	PRIMARY DATA SOURCE
Bar Code Medication Administration (BCMA)	<ul style="list-style-type: none"> Percentage of applicable units in which BCMA is implemented. Compliance with scanning patients and medications during administration. BCMA system includes decision support checks. Structures are in place to monitor and reduce workarounds. For complete description of measure scoring, see: http://www.leapfroggroup.org/sites/default/files/Files/2016ScoringAlgorithms_Final_Updated100316.pdf 	Hospital Survey derived from health records

Definition:

Quality performance data were received from The Leapfrog Group as pre-calculated scores, including comparisons to standards defined by The Leapfrog Group. Participation in the Leapfrog Hospital survey is voluntary; where a hospital does not complete the survey or report on certain items in the survey, the data for that entity is also not included in the report. For more information on Leapfrog’s scoring methods, see:

http://www.leapfroggroup.org/sites/default/files/Files/2016ScoringAlgorithms_Final_Updated100316.pdf

Metrics: Prevention Quality Indicators (PQI)

Steward: Agency for Healthcare Research and Quality

CHIA Data Source: CHIA Hospital Discharge Database

Population: All Payers, Age varies by measure

MEASURE NAME	DESCRIPTION	PRIMARY DATA SOURCE
Asthma in Younger Adults Admission Rate (PQI 15)	Admissions for a principal diagnosis of asthma per 100,000 population, ages 18 to 39 years.	Administrative data
Chronic Obstructive Pulmonary Disease Admission Rate (PQI 5)	Admissions with a principal diagnosis of chronic obstructive pulmonary disease (COPD) or asthma per 100,000 population, ages 40 years and older.	Administrative data
Congestive Heart Failure Admission Rate (PQI 8)	Admissions with a principal diagnosis of heart failure per 100,000 population, ages 18 years and older.	Administrative data
Diabetes Short-Term Complications Admission Rate (PQI 1)	Admissions for a principal diagnosis of diabetes with short-term complications (ketoacidosis, hyperosmolarity, or coma) per 100,000 population, ages 18 years and older.	Administrative data

Definition:

The Prevention Quality Indicators were calculated according to the measure specifications from the Agency for Healthcare Research and Quality (AHRQ), and using AHRQ software version 5.0.3 data from CHIA's Hospital Discharge Database (HDD) for three fiscal years (2013, 2014, and 2015). County-level scores with numerators that fall below CHIA reporting thresholds have been suppressed.

The PQI rates included in this report and databook are observed rates and not risk-adjusted.

Metrics: CMS Condition-Specific 30-Day Mortality

Steward: Centers for Medicare & Medicaid Services

CHIA Data Sources: CMS Hospital Compare

Populations: Medicare FFS, Age 65+

MEASURE NAME	DESCRIPTION	PRIMARY DATA SOURCE
Acute myocardial infarction (AMI) 30-day mortality rate (READM-30-AMI)	Rate of mortality for heart attack patients	Claims and enrollment data
Heart failure (HF) 30-day mortality rate (READM-30-HF)	Rate of mortality for heart failure patients	Claims and enrollment data
Pneumonia (PN) 30-day mortality rate (READM-30-PN)	Rate of mortality for pneumonia patients	Claims and enrollment data
Coronary bypass graft (CABG) surgery 30-day mortality rate (READM-30-CABG)	Rate of mortality for CABG surgery patients	Claims and enrollment data
Chronic obstructive pulmonary disease (COPD) 30-day mortality rate (READM-30-COPD)	Rate of mortality for COPD patients	Claims and enrollment data
Stroke 30-day mortality rate (READM-30-STK)	Rate of mortality for stroke patients	Claims and enrollment data

Definition:

All scores for measures of condition-specific 30-day mortality for hospitals were pre-calculated by and received from the Centers for Medicare & Medicaid Services. The outcome is defined as mortality for any cause within 30 days of the admission date for the index admission. Condition-specific 30-day mortality rates are calculated based on three years of performance (e.g. the 2013 mortality rate reflects mortality from 2011 through 2013).

Metrics: Consumer Assessment of Healthcare Providers and Systems Clinician and Group Patient Centered Medical Home Survey (CG CAHPS) – Primary Care (Adult and Pediatrics)

Steward: Agency for Healthcare Research and Quality

CHIA Data Source: Massachusetts Health Quality Partners, Patient Experience Survey (PES)

Population: Commercially insured members of five health plans in Massachusetts (Blue Cross Blue Shield of Massachusetts, Tufts Health Plan, Harvard Pilgrim Health Care, Fallon Community Health Plan, and Health New England). Adult patients' ages 18+, pediatric patients age 0 to 17.

Adult Primary Care and Pediatric Patient Experience Survey Measures

MEASURE NAME	DESCRIPTION	PRIMARY DATA SOURCE
Organizational Access	Survey respondents' scoring of satisfaction with their ability to get timely appointments, care, and information.	Patient Reported Data/Survey
Office Staff	Survey respondents' scoring of their interactions with office staff.	Patient Reported Data/Survey
Integration of Care	Survey respondents' scoring of their satisfaction with their providers' integration of their care.	Patient Reported Data/Survey
Shared Decision-Making	Survey respondents' scoring of their satisfaction with their involvement in decisions about their care.	Patient Reported Data/Survey
Communication	Survey respondents' scoring of their satisfaction with their patient-providers' communication.	Patient Reported Data/Survey
Knowledge of Patient	Survey respondents' scoring of their satisfaction with how well doctors know them.	Patient Reported Data/Survey
Adult Behavioral Health – Adult Only	Survey respondents' scoring of whether doctors talked to them about their mental health.	Patient Reported Data/Survey
Self-Management Support	Survey respondents' scoring of whether healthcare providers talked with them and their family about goals for good health and ways to meet these goals.	Patient Reported Data/Survey
Willingness to Recommend	Survey respondents reported YES, they would definitely recommend their doctor to family and friends.	Patient Reported Data/Survey
Child Development – Pedi Only	Survey respondents' scoring of whether doctors talked to them about how well their child was growing, moving, speaking, learning, and getting along with others.	Patient Reported Data/Survey

MEASURE NAME	DESCRIPTION	PRIMARY DATA SOURCE
Pediatric Preventive Care – Pedi Only	Survey respondents' scoring of whether doctors gave advice about keeping their child safe and healthy.	Patient Reported Data/Survey

All scores for measures of patient experience in medical groups were pre-calculated by and received from the Massachusetts Health Quality Partners (MHQP).

Patient Experience measures scores are rated on a scale from 0 to 100. Each survey response is converted to numeric format, with 100 as the most favorable response. Related questions are averaged to create a respondent-level score for each measure. The respondents' measure scores are then case mix adjusted before aggregating to the medical group level and a statewide score.

These measures reflect the experience of the adult or a parent or caregiver of a child who received care and who is a commercially insured member of one of five commercial carriers in the Commonwealth: BCBSMA, Fallon Community Health Plan, Harvard Pilgrim Health Care, Health New England, and Tufts Health Plan. This sample represents approximately 70% of the commercial population. The nine Provider Group Networks measured are those serving the five carriers' commercial members. These groups are: Atrius Health, Inc., Baycare Health Partners, Berkshire Health Systems, Beth Israel Deaconess Care Organization LLC, Lahey Health, New England Quality Care Alliance, Partners Community Health Care, Steward Health Care Network, and UMass Memorial Health Care, Inc.

MHQP does not report scores for practices or groups with insufficient sample size, but individuals from these small practices or groups are counted at more aggregated levels, once sufficient sample size is reached.

Metrics: Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS)

Steward: Agency for Healthcare Research and Quality

CHIA Data Source: CMS Hospital Compare

Populations: All Payers, Ages 18+

MEASURE NAME AND ID	DESCRIPTION	PRIMARY DATA SOURCE
Cleanliness of Hospital Environment	Patient response to the individual HCAHPS survey question about the cleanliness of their hospital room during their stay.	Patient Reported Data/Survey
Communication about Medicines	A composite of responses to HCAHPS survey questions about how providers communicated about medications during the hospital stay.	Patient Reported Data/Survey
Communication with Doctors	A composite of responses to HCAHPS survey questions about how doctors communicated during the hospital stay.	Patient Reported Data/Survey
Communication with Nurses	A composite of responses to HCAHPS survey questions about how nurses communicated during the hospital stay.	Patient Reported Data/Survey
Discharge Information	A composite of responses to HCAHPS survey questions about the care instructions given to them by a provider at discharge.	Patient Reported Data/Survey
Overall Hospital Rating	Overall patient rating of the hospital, based on the recent admission, on a scale from 0 (lowest) to 10 (highest).	Patient Reported Data/Survey
Recommend the Hospital	Would the patient recommend the hospital, based on the recent admission.	Patient Reported Data/Survey
Pain Management	A composite of responses to HCAHPS survey questions about how their pain was controlled during their stay.	Patient Reported Data/Survey
Quietness of Hospital Environment	Patient response to the individual HCAHPS survey question about the quietness of their hospital room at night.	Patient Reported Data/Survey
Responsiveness of Hospital Staff	A composite of responses to HCAHPS survey questions about if help was provided when it was needed during the hospital stay.	Patient Reported Data/Survey
Care Transition	A composite of responses to HCAHPS survey questions about how patients understood the care instructions they received at discharge.	Patient Reported Data/Survey

MEASURE NAME AND ID	DESCRIPTION	PRIMARY DATA SOURCE
HCAHPS Summary Star Rating	A composite of responses to HCAPS survey questions in each of the above 11 publicly reported HCAHPS measures.	Patient Reported Data/Survey

Definition:

All HCAHPS scores were retrieved from CMS Hospital Compare as pre-calculated percentages. Where a hospital's performance is not included on Hospital Compare because of small numbers, missing data, or because the measure does not apply, the measure is also not included in the report. For more information on CMS's methods, see:

http://www.hcahpsonline.org/Files/October_2016_Star%20Ratings_Tech%20Notes.pdf

The accompanying databook also includes HCAHPS "top-box" scores for 2011, 2012 and 2013. These scores reflect the percentage of respondents that gave the most positive response to HCAHPS survey items. Higher scores indicate better patient-reported experiences. For more information on CMS's methods, see:

<http://www.hcahpsonline.org/SummaryAnalyses.aspx>

Metrics: CMS Hospital Effective Care Processes

Measure Steward: Centers for Medicare & Medicaid Services

CHIA Data Source: CMS Hospital Compare

Populations: All Payers, Ages 18+

SET	MEASURE NAME AND ID	DESCRIPTION	PRIMARY DATA SOURCE
Hospital Process	Timing of receipt of primary percutaneous coronary intervention (PCI) (AMI 8a)	Percentage of acute myocardial infarction (AMI) patients who received primary PCI during the hospital stay with a time from hospital arrival to PCI of 90 minutes or less.	Claims and health record
Hospital Process	Aspirin prescribed at discharge (AMI 2)	Percentage of acute myocardial infarction (AMI) patients without aspirin contraindications who were prescribed aspirin at hospital discharge.	Claims and health record
Hospital Process	Statin prescribed at discharge (AMI 10)	Percentage of acute myocardial infarction (AMI) patients who were prescribed a statin medication at hospital discharge.	Claims and health record
Hospital Process	Fibrinolytic therapy received within 30 minutes of hospital arrival (AMI 7a)	Percentage of acute myocardial infarction (AMI) patients who received fibrinolytic therapy during the hospital stay with a time from hospital arrival to fibrinolysis of 30 minutes or less.	Claims and health record

SET	MEASURE NAME AND ID	DESCRIPTION	PRIMARY DATA SOURCE
Hospital Process	Venous thromboembolism (VTE) patients with anticoagulation overlap therapy (VTE 3)	Percentage of patients with confirmed VTE who received an overlap of parenteral anticoagulation and warfarin therapy.	Claims and health record
Hospital Process	Hospital acquired potentially preventable venous thromboembolism (VTE 6)	Percentage of patients diagnosed with confirmed VTE during hospitalization (not present at admission) who did not receive VTE prophylaxis between hospital admission and the day before the VTE diagnostic testing order date.	Claims and health record
Hospital Process	Intensive Care Unit (ICU) venous thromboembolism (VTE) prophylaxis (VTE 2)	Percentage of patients who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after the initial admission (or transfer) to the ICU or surgery end date for surgeries that start the day of or the day after ICU admission (or transfer).	Claims and health record
Hospital Process	Venous thromboembolism (VTE) prophylaxis (VTE 1)	Percentage of patients who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after hospital admission or surgery end date for surgeries that start the day of or the day after hospital admission.	Claims and health record
Hospital Process	Warfarin therapy discharge instructions for Venous thromboembolism (VTE) patients (VTE 5)	Percentage of patients diagnosed with confirmed VTE that were discharged to home, home care, court/law enforcement, or home on hospice care on warfarin with written discharge instructions that all four criteria: compliance issues, dietary advice, follow-up monitoring, and information about the potential for adverse drug reactions/interactions.	Claims and health record
Hospital Process	Heart failure patients given an evaluation of left ventricular systolic function (LVS) (HF 2)	Percentage of heart failure patients with documentation in the hospital record that left ventricular systolic (LVS) function was evaluated before arrival, during hospitalization, or is planned for after discharge.	Claims and health record
Hospital Process	ACEI or ARB for left ventricular systolic dysfunction (LVSD) (HF 3)	Percentage of HF patients with LVSD and without ACEI or ARB contraindications who were prescribed an ACEI or ARB at hospital discharge.	Claims and health record

SET	MEASURE NAME AND ID	DESCRIPTION	PRIMARY DATA SOURCE
Hospital Process	Discharge instructions for heart failure patients (HF 1)	Percentage of heart failure (HF) patients who were discharged home with written instructions or educational material given to patient or caregiver at discharge or during the hospital stay addressing all of the following: activity level, diet, discharge medications, follow-up appointment, weight monitoring, and what to do if symptoms worsen.	Claims and health record
Hospital Process	Pneumonia patients given the most appropriate initial antibiotic(s) (PN 6)	Percentage of pneumonia patients 18 years of age or older selected for initial receipts of antibiotics for community-acquired pneumonia (CAP).	Claims and health record
Hospital Process	Pneumonia patients whose initial emergency room blood culture was performed prior to the administration of the first hospital dose of antibiotics (PN 3b)	Percentage of pneumonia patients whose initial emergency room blood culture specimen was collected prior to first hospital dose of antibiotics.	Claims and health record
Hospital Process	Anticoagulation therapy for atrial fibrillation/flutter (STK 3)	Percentage of ischemic stroke patients with atrial fibrillation/flutter who were prescribed anticoagulation therapy at hospital discharge.	Claims and health record
Hospital Process	Stroke patients discharged on statin medication (STK 6)	Percentage of ischemic stroke patients who were prescribed statin medication at hospital discharge.	Claims and health record
Hospital Process	Stroke education (STK 8)	Percentage of ischemic or hemorrhagic stroke patients or their caregivers who were given educational materials during the hospital stay addressing all of the following: activation of emergency medical system, need for follow-up after discharge, medications prescribed at discharge, risk factors for stroke, and warning signs and symptoms of stroke.	Claims and health record
Hospital Process	Venous thromboembolism (VTE prophylaxis) (STK 1)	Percentage of ischemic or hemorrhagic stroke patients who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after hospital admission.	Claims and health record
Hospital Process	Immunization for influenza (IMM 2)	Percentage of acute care hospitalized inpatients age 6 months and older who were screened for season influenza immunization status and were vaccinated prior to discharge if indicated.	Claims and health record
Hospital Process	Children's asthma care: Relievers for inpatient asthma (CAC 1)	Percentage of use of relievers in pediatric patients admitted for inpatient treatment of asthma.	Claims and health record

SET	MEASURE NAME AND ID	DESCRIPTION	PRIMARY DATA SOURCE
Hospital Process	Children's asthma care: Systematic corticosteroids for inpatient asthma (CAC 2)	Percentage of use of systemic corticosteroids in pediatric patients admitted for inpatient treatment of asthma.	Claims and health record
Hospital Process	Children's asthma care: Home management plan of care (HMPC) document given to patient/ caregiver (CAC 3)	Percentage of assessment that there was documentation in the medical record that a home management plan of care (HMPC) document was given to the pediatric asthma patient/caregiver.	Claims and health record
Surgical Care Improvement Project	Prophylactic antibiotic received within 1 hour prior to surgical incision (SCIP-Inf-1a)	Percentage of surgical patients with prophylactic antibiotics initiated within one hour prior to surgical incision. Patients who received vancomycin or a fluoroquinolone for prophylactic antibiotics should have the antibiotics initiated within two hours prior to surgical incision. The extended window is due to the longer infusion time required for these antibiotics.	Claims and health record
Surgical Care Improvement Project	Prophylactic antibiotic selection for surgical patients (SCIP-Inf-2a)	Percentage of surgical patients who received prophylactic antibiotics consistent with current guidelines (specific to each type of surgical procedure).	Claims and health record
Surgical Care Improvement Project	Urinary catheter removed on Postoperative Day 1 (POD1) or Postoperative Day 2 (POD2) with day of surgery being day zero (SCIP-Inf-9)	Percentage of surgical patients with urinary catheter removed on Postoperative Day 1 or Postoperative Day 2 with day of surgery being day zero.	Claims and health record
Surgical Care Improvement Project	Surgery patients who received appropriate venous thromboembolism prophylaxis within 24 hours prior to surgery to 24 hours after surgery (SCIP-VTE-2)	Percentage of surgery patients who received appropriate venous thromboembolism (VTE) prophylaxis within 24 hours prior to Surgical Incision Time to 24 hours after Surgery End Time.	Claims and health record
Surgical Care Improvement Project	Surgery patients on beta-blocker therapy prior to arrival who received a beta-blocker during the perioperative period (SCIP-Card-2)	Percentage of surgery patients on beta-blocker therapy prior to admission who received a beta-blocker during the perioperative period. The perioperative period for the SCIP Cardiac measures is defined as 24 hours prior to surgical incision through discharge from post-anesthesia care/recovery area.	Claims and health record

SET	MEASURE NAME AND ID	DESCRIPTION	PRIMARY DATA SOURCE
Surgical Care Improvement Project	Prophylactic antibiotics discontinued within 24 hours after surgery end time (SCIP-Inf-3a)	Percentage of surgical patients whose prophylactic antibiotics were discontinued within 24 hours after surgery end time.	Claims and health record
Surgical Care Improvement Project	Cardiac surgery patients with controlled 6 A.M. postoperative blood glucose (SCIP-Inf-4)	Percentage of cardiac surgery patients who had controlled 6 A.M. blood glucose (≤ 200 mg/dL) on postoperative day one (POD 1) and postoperative day two (POD 2) with Surgery End Date being postoperative day zero (POD 0).	Claims and health record
Surgical Care Improvement Project	Surgery patients with recommended venous thromboembolism (VTE) prophylaxis ordered (SCIP-VTE-1)	Percentage of surgery patients for whom recommended VTE prophylaxis was ordered anytime from hospital arrival to 48 hours after Surgery End Time.	Claims and health record
Surgical Care Improvement Project	Surgery patients with perioperative temperature management (SCIP-Inf-10)	Percentage of surgery patients for whom either active warming was used intraoperatively for the purpose of maintaining normothermia or who had at least one body temperature ≥ 96.8 degrees F recorded within the 30 minutes immediately prior to or the 15 minutes immediately after Anesthesia End Time.	Claims and health record

Definition:

All process measure scores were retrieved from CMS Hospital Compare as pre-calculated percentages. Where a hospital's performance is not included on Hospital Compare because of small numbers, missing data, or because the measure does not apply, the data is not included in the report.

Hospital System Affiliations

HOSPITAL SYSTEM	SYSTEM ABBREVIATED NAME	HOSPITAL
Baystate Health	Baystate	Baystate Medical Center
Baystate Health	Baystate	Baystate Franklin Medical Center
Baystate Health	Baystate	Baystate Mary Lane Hospital
Baystate Health	Baystate	Baystate Wing Memorial Hospital
Baystate Health	Baystate	Noble Hospital
Berkshire Health Systems	Berkshire	Fairview Hospital
Berkshire Health Systems	Berkshire	Berkshire Medical Center
Beth Israel Deaconess Medical Center and Member	BIDMC & Affiliates	Beth Israel Deaconess Medical Center -

HOSPITAL SYSTEM	SYSTEM ABBREVIATED NAME	HOSPITAL
Affiliated Hospitals		Needham
Beth Israel Deaconess Medical Center and Member Affiliated Hospitals	BIDMC & Affiliates	Beth Israel Deaconess Hospital – Plymouth
Beth Israel Deaconess Medical Center and Member Affiliated Hospitals	BIDMC & Affiliates	Beth Israel Deaconess Medical Center - Milton
Beth Israel Deaconess Medical Center and Member Affiliated Hospitals	BIDMC & Affiliates	Beth Israel Deaconess Medical Center
WellForce	WellForce	Lowell General Hospital - Saints Medical Campus
Cape Cod Health Care	Cape Cod	Cape Cod Hospital
Cape Cod Health Care	Cape Cod	Falmouth Hospital
Heywood Health	Heywood	Athol Memorial Hospital
Heywood Health	Heywood	Heywood Hospital
Lahey Health Systems	Lahey	Winchester Hospital
Lahey Health Systems	Lahey	Northeast Hospital
Lahey Health Systems	Lahey	Lahey Clinic
Non-Affiliated	Non-Affiliated	Anna Jaques Hospital
Non-Affiliated	Non-Affiliated	Signature Healthcare Brockton
Non-Affiliated	Non-Affiliated	Boston Children's Hospital
Non-Affiliated	Non-Affiliated	Dana Farber Cancer Institute
Non-Affiliated	Non-Affiliated	Emerson Hospital
Non-Affiliated	Non-Affiliated	Harrington Memorial Hospital
Non-Affiliated	Non-Affiliated	Holyoke Medical Center
Non-Affiliated	Non-Affiliated	Lawrence General Hospital
WellForce	WellForce	Lowell General Hospital
Non-Affiliated	Non-Affiliated	Massachusetts Eye and Ear Infirmary
Non-Affiliated	Non-Affiliated	Milford Regional Medical Center
Non-Affiliated	Non-Affiliated	Mt. Auburn Hospital
Non-Affiliated	Non-Affiliated	New England Baptist Hospital
WellForce	WellForce	Tufts Medical Center
Non-Affiliated	Non-Affiliated	South Shore Hospital
Non-Affiliated	Non-Affiliated	Sturdy Memorial Hospital
Non-Affiliated	Non-Affiliated	Boston Medical Center
Non-Affiliated	Non-Affiliated	Cambridge Health Alliance
Non-Affiliated	Non-Affiliated	Hallmark Health
Non-Affiliated	Non-Affiliated	Southcoast Hospitals Group
Non-Affiliated	Non-Affiliated	Mercy Medical Center
Non-Affiliated	Non-Affiliated	Taunton State Hospital

HOSPITAL SYSTEM	SYSTEM ABBREVIATED NAME	HOSPITAL
Non-Affiliated	Non-Affiliated	Bournewood Hospital
Non-Affiliated	Non-Affiliated	Dr John C Corrigan Mental Health Center
Non-Affiliated	Non-Affiliated	Cape Cod & Islands Community Mental Health Center
Non-Affiliated	Non-Affiliated	Worcester State Hospital
Non-Affiliated	Non-Affiliated	Baldpate Hospital
Non-Affiliated	Non-Affiliated	Walden Behavioral Care, Llc
Non-Affiliated	Non-Affiliated	Dr Solomon Carter Fuller Mental Health Center
Partners HealthCare System	Partners	Brigham and Women's Hospital
Partners HealthCare System	Partners	Cooley Dickinson Hospital
Partners HealthCare System	Partners	Brigham and Women's Faulkner Hospital
Partners HealthCare System	Partners	Martha's Vineyard Hospital
Partners HealthCare System	Partners	Massachusetts General Hospital
Partners HealthCare System	Partners	Nantucket Cottage Hospital
Partners HealthCare System	Partners	Newton-Wellesley Hospital
Partners HealthCare System	Partners	North Shore Medical Center
Partners HealthCare System	Partners	McLean Hospital Corporation
Steward Health Care Systems	Steward	Steward Norwood Hospital
Steward Health Care Systems	Steward	Steward Carney Hospital
Steward Health Care Systems	Steward	Steward Nashoba Valley Medical Center
Steward Health Care Systems	Steward	Steward Holy Family Hospital at Merrimack Valley
Steward Health Care Systems	Steward	Steward Holy Family Hospital
Steward Health Care Systems	Steward	Steward Morton Hospital and Medical Center
Steward Health Care Systems	Steward	Steward St. Anne's Hospital
Steward Health Care Systems	Steward	Steward St. Elizabeth's Medical Center
Steward Health Care Systems	Steward	Steward Good Samaritan Medical
Tenet Healthcare	Tenet	St. Vincent Hospital
Tenet Healthcare	Tenet	MetroWest Medical Center
UMass Memorial Health Care	UMass	Health Alliance Hospital
UMass Memorial Health Care	UMass	Clinton Hospital
UMass Memorial Health Care	UMass	Marlborough Hospital
UMass Memorial Health Care	UMass	UMass Memorial Medical Center

Parent Provider Group Affiliations

Source: Massachusetts Health Quality Partners

NETWORK NAME	MEDICAL GROUP NAME
Atrius Health	Dedham Medical Associates
Atrius Health	Granite Medical
Atrius Health	Harvard Vanguard Medical Associates
Atrius Health	PMG Physician Associates
Berkshire Health Systems	Berkshire Faculty Services
Berkshire Health Systems	Williamstown Medical Associates
Beth Israel Deaconess Care Organization LLC	Affiliated Physicians Inc., Groups
Beth Israel Deaconess Care Organization LLC	API/Chestnut Health Care Alliance
Beth Israel Deaconess Care Organization LLC	Beth Israel Deaconess Affiliated Community Health Centers
Beth Israel Deaconess Care Organization LLC	Beth Israel Deaconess Healthcare
Beth Israel Deaconess Care Organization LLC	Beth Israel Deaconess Medical Center
Beth Israel Deaconess Care Organization LLC	Cambridge Health Alliance
Beth Israel Deaconess Care Organization LLC	Jordan Physician Associates
Beth Israel Deaconess Care Organization LLC	Lawrence General/Choice Plus Network Adult Medicine
Beth Israel Deaconess Care Organization LLC	Milton
Beth Israel Deaconess Care Organization LLC	Whittier IPA
Lahey Health	Lahey Health Primary Care
Lahey Health	Winchester PHO
New England Quality Care Alliance	Cape Physicians, LLC - NEQCA
New England Quality Care Alliance	Hallmark Health PHO - NEQCA
New England Quality Care Alliance	Healthcare South, PC - NEQCA
New England Quality Care Alliance	Highland Healthcare Associates IPA - NEQCA
New England Quality Care Alliance	Mass Bay Primary Care - NEQCA
New England Quality Care Alliance	Merrimack Valley IPA - NEQCA
New England Quality Care Alliance	MetroWest Accountable Health Care Organization, LLC - NEQCA
New England Quality Care Alliance	Milton Primary Care - NEQCA
New England Quality Care Alliance	PediSouth LCO, LLC - NEQCA
New England Quality Care Alliance	Plymouth Bay Primary Care - NEQCA
New England Quality Care Alliance	Primary Care Medical Assoc. of Norwood - NEQCA
New England Quality Care Alliance	Tufts Medical Center Physicians - NEQCA
New England Quality Care Alliance	Woburn Pediatric Associates, LLP - NEQCA
Partners Community Health Care	Affiliated Pediatric Practices (APP)
Partners Community Health Care	Baycare Health Partners - Other
Partners Community Health Care	Baystate Medical Practices

NETWORK NAME	MEDICAL GROUP NAME
Partners Community Health Care	Baystate Wing Hospital Corporation
Partners Community Health Care	Brigham And Women's Physicians Organization
Partners Community Health Care	Charles River Medical Associates, P.C.
Partners Community Health Care	Chestnut Medical Associates, Inc.
Partners Community Health Care	Connecticut River Internists
Partners Community Health Care	Emerson Hospital And Emerson PHO
Partners Community Health Care	Fairview Pediatrics
Partners Community Health Care	George F. Vitek, M.D. , & Assoc. P.C.
Partners Community Health Care	Ludlow Pediatrics, Inc.
Partners Community Health Care	Massachusetts General Hospital Physicians Organization
Partners Community Health Care	Mercy Medical Group
Partners Community Health Care	Milford Regional Physician Group
Partners Community Health Care	Newton-Wellesley PHO, Inc.
Partners Community Health Care	North Shore Health System, Inc.
Partners Community Health Care	Orchard Medical Associates, LLC
Partners Community Health Care	Pediatric Associates of Hampden County
Partners Community Health Care	Pediatric Services of Springfield
Partners Community Health Care	Pentucket Medical Associates (PMA)
Partners Community Health Care	Pioneer Valley Pediatrics, Inc.
Partners Community Health Care	Redwood Pediatric & Adolescent Medicine
Partners Community Health Care	Riverbend Medical Group, Inc.
Partners Community Health Care	Suburban North
Partners Community Health Care	Valley Medical Associates, P.C.
Partners Community Health Care	Valley Medical Group, P.C.
Partners Community Health Care	West Brookfield Family Practice
Partners Community Health Care	Westfield Medical Corporation, dba Noble Medical Group
Steward Health Care Network	Cape Cod Preferred Physicians
Steward Health Care Network	Compass Medical, P.C.
Steward Health Care Network	Hawthorn Medical Associates
Steward Health Care Network	Prima CARE, PC
Steward Health Care Network	Steward Health Care Network
Steward Health Care Network	Steward Medical Group
UMass Memorial Health Care, Inc.	CentMass Association of Physicians
UMass Memorial Health Care, Inc.	Harrington Hospital Group
UMass Memorial Health Care, Inc.	Heywood Hospital Group
UMass Memorial Health Care, Inc.	UMass Independent Practices
UMass Memorial Health Care, Inc.	UMass Memorial Community Medical Group
UMass Memorial Health Care, Inc.	UMass Memorial Medical Center-Based Practices



For more information, please contact:

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