

# Acute Hospital Cohort (CHART) Profiles: Metric Descriptions

The Community Hospital Acceleration, Revitalization, and Transformation (CHART) Investment Program is administered by the Health Policy Commission.

**Metrics:** For descriptions of the metrics, see the Technical Appendix for Massachusetts Hospital Profiles Data through Fiscal Year 2013, available on [CHIA's website](#). The CHART profile metrics reflect the methodology used for Acute Hospital Cohort Profiles with the caveats noted below.

## **Hospitals:**

Data from the following hospitals are included in the CHART cohort analysis:

Anna Jaques Hospital	Hallmark Health	Milford Regional Medical Center
Athol Memorial Hospital	Harrington Memorial Hospital	Noble Hospital
Baystate Franklin Medical Center	HealthAlliance Hospital	North Adams Regional Hospital*
Baystate Mary Lane Hospital	Heywood Hospital	Northeast Hospital
Baystate Wing Hospital	Holyoke Medical Center	Saints Medical Center**
Beth Israel Deaconess-Milton	Lawrence General Hospital	Signature Healthcare Brockton
Beth Israel Deaconess-Needham	Lowell General Hospital	Southcoast Hospitals Group
Beth Israel Deaconess-Plymouth	Mercy Medical Center	Winchester Hospital
Emerson Hospital		

\*Data from North Adams Regional Medical Center is included in all data measures for the years 2009 through 2013 (current period). North Adams Regional Medical Center ceased operations in 2013. It received CHART funds prior to closure.

\*\*Data from Saints Medical Center is included in historical comparisons of the years 2009 through 2012. Saints Medical Center did not receive CHART funds; however, it merged with a CHART recipient (Lowell General Hospital) in 2012.

**Inpatient Severity Distribution** measures the percentage of a cohort's discharges that falls into each statewide severity quintile. This metric provides a way to compare the severity levels of the cohort's patients to those of other acute hospitals in Massachusetts.

- **Data Source:** Hospital Discharge Database (HDD).
- **Data Period:** FY13
- **Cohort Calculation:** Every discharge in the state has a Diagnosis Related Group (DRG) code associated with it. Severity quintiles were determined by ranking all possible DRG outputs by case-weight. The cohort calculation shows the percentage of a cohort's aggregate discharges that falls into each quintile. These proportions were then compared with the proportions of aggregated discharges by severity quintile for all hospitals assigned to other cohorts.