

## Websites and Information Sources

The following provide a good overview of hospital research websites and can help you build a profile of your community, hospital, and health status and outcomes. Some are very user friendly and downloadable into your own database. Others are a bit more complex.

**1. Community Benefits and the Attorney General website:** Includes all hospital benefit reports, mission statements, hospital spending, community benefit structure etc. It can be downloaded and searched which makes it a valuable resource.

[http://www.cbsys.ago.state.ma.us/cbpublic/public/hccstandardnew.aspx?org\\_id=19&report\\_year=2013&type=browse](http://www.cbsys.ago.state.ma.us/cbpublic/public/hccstandardnew.aspx?org_id=19&report_year=2013&type=browse)

**2. CHIA: Center for Health Information and Analysis:** CHIA's mission is to be the agency of record for Massachusetts health care information, and to objectively report reliable and meaningful information about the quality, affordability, utilization, access, and outcomes of the Massachusetts health care system. **CHIA tracks individual hospital, system, and overall performance, performance ratios, assets, etc**

<http://www.chiamass.gov/assets/docs/r/hospital-profiles/2013/hospitalprofilechartbook.pdf>

Individual Hospital Trend Analysis (Formerly Hospital Financial Performance Factsheets)

<http://www.chiamass.gov/hospital-trend-analysis/>

<http://www.chiamass.gov/hospital-trend-analysis/#hfy15>

**3. Health Policy Commission:**

Established as part of payment reform. Tracks costs, hospital performance, price variations etc. It holds public hearings. It has the ability to issue regulations (Nurse staffing, ACO certification etc).

Community Hospitals at a Crossroads, March 2016

<http://www.mass.gov/anf/budget-taxes-and-procurement/oversight-agencies/health-policy-commission/publications/community-hospitals-at-a-crossroads.pdf>

**4. Massachusetts Department of Public Health, CHIP:** MassCHIP provides community-level data to assess health needs, monitor health status indicators, and evaluate health programs. Health care providers, state and federal agencies, universities, community health centers, and local boards of health can all find information relevant to their fields by using MassCHIP. <sup>[1]</sup><sub>SEP</sub>

<http://www.mass.gov/eohhs/researcher/community-health/masschip/>

The Division of Research and Epidemiology provides health related information to the Bureau, the Department, other agencies, community groups, researchers, and the public. This includes specific information on health risk factors. The focus of the Division is on providing health status, demographic, and disease risk factor information for program planning and policy development through publications, information dissemination, and access to computer databases. The Division is actively involved in supporting the Department's Community Health Network activities through the provision of health status indicator data and technical support at the community level. In addition, Division staff perform research and more complex analyses related to the Department priorities.  
<http://www.mass.gov/eohhs/gov/departments/dph/programs/admin/dmoa/repi/>

**Determination of Need:**

**If a hospital seeks to merge, affiliate, or expand its service, as well as purchase major equipment it must file an application with DPH. In the event there is an investment more than \$15 Million then the hospital shall put aside 5% of the cost of the project for community health investment, DPH recently (2017) promulgated a rewrite of the DoN process and upped the standard on community engagement and investment in social determinants of health.**

<http://www.mass.gov/courts/docs/lawlib/104-105cmr/105cmr100.pdf>

**There is a list of pending projects**

<http://www.mass.gov/eohhs/gov/departments/dph/programs/hcq/don/pending-applications.html>

**5. Robert Wood Johnson County Health Rankings:**

**Provides great county by county information about health care and social determinants of health.**

<http://www.countyhealthrankings.org>

# INTRODUCTION TO ACUTE HOSPITAL COHORTS

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**Acute hospitals** are grouped into cohorts of similar hospitals, as follows:

**Academic Medical Centers (AMCs)** are a subset of teaching hospitals. AMCs are characterized by extensive research and teaching programs, comprehensive resources for tertiary and quaternary care, being principal teaching hospitals for their respective medical schools, and being full service hospitals with case mix intensity greater than 5% above the statewide average.

## AMC Cohort

Beth Israel Deaconess Medical Center	Massachusetts General Hospital
Boston Medical Center	Tufts Medical Center
Brigham and Women's Hospital	UMass Memorial Medical Center

**Teaching hospitals** are hospitals that report at least 25 full-time equivalent medical school residents per one hundred inpatient beds in accordance with the Medicare Payment Advisory Commission (MedPAC) and are not classified as AMCs.

## Teaching Hospital Cohort

Baystate Medical Center	Saint Vincent Hospital
Cambridge Health Alliance	Steward Carney Hospital
Lahey Hospital & Medical Center	Steward St. Elizabeth's Medical Center
Mount Auburn Hospital	

**Community hospitals** are hospitals that do not meet the MedPAC definition to be classified as teaching hospitals and have a public payer mix of less than 63%.

## Community Hospital Cohort

Anna Jaques Hospital	Martha's Vineyard Hospital
Baystate Mary Lane Hospital	Milford Regional Medical Center
Beth Israel Deaconess Hospital — Milton	Nantucket Cottage Hospital
Beth Israel Deaconess Hospital — Needham	Newton-Wellesley Hospital
Brigham and Women's Faulkner Hospital	Northeast Hospital
Cooley Dickinson Hospital	Steward Norwood Hospital
Emerson Hospital	South Shore Hospital
Hallmark Health	Winchester Hospital

**Community High Public Payer (HPP) hospitals** are community hospitals that have 63% or greater of Gross Patient Service Revenue (GPSR) attributable to Medicare, MassHealth, and other government payers, including the Health Safety Net.

#### Community-HPP Cohort

Athol Hospital	Lawrence General Hospital
Baystate Franklin Medical Center	Lowell General Hospital
Baystate Noble Hospital	Marlborough Hospital
Baystate Wing Hospital	Mercy Medical Center
Berkshire Medical Center	MetroWest Medical Center
Beth Israel Deaconess Hospital – Plymouth	Morton Hospital
Cape Cod Hospital	Nashoba Valley Medical Center
Clinton Hospital	North Shore Medical Center
Fairview Hospital	Signature Healthcare Brockton Hospital
Falmouth Hospital	Southcoast Hospitals Group
Harrington Memorial Hospital	Steward Good Samaritan Medical Center
HealthAlliance Hospital	Steward Holy Family Hospital
Heywood Hospital	Steward Saint Anne's Hospital
Holyoke Medical Center	Sturdy Memorial Hospital

**Specialty hospitals** are not included in any cohort comparison analysis due to the unique patient populations they serve and/or the unique sets of services they provide. Specialty hospitals may be included in statewide analyses.

#### Specialty Hospitals

Boston Children's Hospital	Massachusetts Eye and Ear Infirmary
Dana-Farber Cancer Institute	New England Baptist Hospital
Curahealth Boston	Shriners Hospitals for Children – Boston
Curahealth Boston North Shore	Shriners Hospitals for Children – Springfield

For detailed descriptions of the data sources and metrics used in the acute hospital cohort profile, please see the technical appendix.

## ACRONYMS AND ABBREVIATIONS

ACO	Accountable Care Organization
AGO	Massachusetts Attorney General's Office
AHRQ	Agency for Healthcare Research and Quality
AMC	Academic Medical Center
APCD	All-Payer Claims Database
AQC	Blue Cross Blue Shield of Massachusetts' Alternative Quality Contract
Chapter 224	Chapter 224 of the Acts of 2012
CHIA	Massachusetts Center for Health Information and Analysis
CHIP	Children's Health Insurance Program
CMHCB	CMS Medicare Care Management for High-Cost Beneficiaries
CMIR	Cost and Market Impact Review
CMS	Centers for Medicare and Medicaid Services
CY	Calendar Year
DOI	Massachusetts Division of Insurance
DOJ	United States Department of Justice
DPH	Massachusetts Department of Public Health
DRG	Diagnosis-Related Group
EMR	Electronic Medical Record
FTC	Federal Trade Commission
FY	Fiscal Year
GAC	General Acute Care
HCAHPS	Hospital Consumer Assessment of Healthcare Providers and Systems
HEDIS	Healthcare Effectiveness Data and Information Set
HHI	Herfindahl-Hirschman Index
HIT	Health Information Technology
HMO	Health Maintenance Organization
HPC	Health Policy Commission
HSN	Health Safety Net
iCMP	Integrated Care Management Program
IP	Inpatient
IT	Information Technology
MassDAC	Massachusetts Data Analysis Center
MedPAC	Medicare Payment Advisory Commission
MHDC	Massachusetts Health Data Consortium
MHQP	Massachusetts Health Quality Partners
MMCO	MassHealth Managed Care Organization
NPSR	Net Patient Service Revenue
OP	Outpatient
PCMH	Patient Centered Medical Home
PCP	Primary Care Physician

PHH	Partners HealthCare at Home
PHM	Population Health Management
PMPM	Per Member Per Month
POS	Point of Service
PPO	Preferred Provider Organization
PSA	Primary Service Area
RPO	Registered Provider Organization
RSO	Regional Service Organization
SCIP	Surgical Care Improvement Project Measures
TME	Total Medical Expenses
WTP	Willingness-to-Pay



## APPENDICES

### Appendix A. FY 2015 Community Benefit Expenditures

HOSPITALS	TOTAL PATIENT EXPENSES (TPE)	DIRECT COMMUNITY BENEFIT SPENDING/TPE	TOTAL CHARITY CARE SPENDING/TPE	TOTAL COMMUNITY BENEFIT/TPE
Anna Jaques Hospital	\$108,962,919	0.14%	1.51%	1.68%
Athol Memorial Hospital	\$22,211,828	1.61%	1.42%	3.22%
Baystate Franklin Medical Center	\$89,917,771	0.37%	1.09%	1.97%
Baystate Mary Lane Hospital	\$28,516,125	0.61%	1.46%	2.09%
Baystate Medical Center	\$900,187,680	0.98%	1.03%	2.59%
Baystate Noble Hospital	\$57,246,048	0.13%	0.84%	0.98%
Baystate Wing Hospital	\$86,346,095	0.60%	0.80%	1.44%
Berkshire Medical Center	\$324,816,942	1.82%	0.76%	4.29%
Beth Israel Deaconess Hospital/Needham	\$68,904,557	0.28%	1.09%	1.46%
Beth Israel Deaconess Medical Center	\$1,045,247,568	1.30%	1.54%	3.43%
Brigham and Women's Hospital	\$1,573,679,065	1.37%	1.69%	3.57%
Boston Children's Hospital	\$885,477,395	3.57%	1.17%	5.09%
Boston Medical Center	DID NOT REPORT			
Cape Cod Healthcare	\$558,049,971	2.38%	1.07%	3.76%
Carney Hospital	\$91,622,563	0.67%	1.90%	2.71%
Clinton Hospital	\$23,017,786	0.39%	2.08%	2.47%
Cooley Dickinson Hospital	\$144,819,886	0.43%	1.08%	1.90%
Dana-Farber Cancer Institute	\$577,158,034	0.43%	2.04%	3.53%
Emerson Hospital	\$184,173,047	0.24%	1.46%	1.83%
Fairview Hospital	\$39,634,160	3.43%	0.78%	4.47%
Faulkner Hospital	\$202,066,217	0.97%	1.42%	2.40%
Good Samaritan Medical Center	\$227,403,876	0.49%	1.45%	1.95%
Hallmark Health System	\$224,282,500	0.89%	0.94%	3.38%
Harrington Memorial Hospital	\$112,544,375	0.60%	0.74%	1.35%
HealthAlliance, Inc.	\$138,771,633	0.39%	1.11%	1.55%
Heywood Hospital	\$92,457,384	0.91%	1.43%	2.65%
Holy Family Hospital & Medical Center	\$179,159,733	0.49%	1.36%	2.47%
Holyoke Medical Center, Inc.	\$100,017,221	13.02%	0.92%	13.94%
Jordan Hospital	\$193,513,214	0.63%	1.42%	2.75%
Lahey Clinic Medical Center	\$724,814,784	0.32%	1.20%	1.57%
Lawrence General Hospital	\$224,957,563	5.26%	1.02%	6.64%
Lowell General Hospital	\$382,026,883	0.51%	1.93%	3.12%
Marlborough Hospital	\$67,534,339	0.39%	1.84%	2.23%
Martha's Vineyard Hospital	\$69,662,813	0.41%	0.69%	1.46%
Massachusetts Eye and Ear Infirmary	\$172,929,936	0.36%	1.24%	1.62%
Massachusetts General Hospital	\$2,191,093,139	2.46%	1.46%	4.62%
Mercy Medical Center	\$248,285,432	1.17%	1.10%	2.30%

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HOSPITALS	TOTAL PATIENT EXPENSES (TPE)	DIRECT COMMUNITY BENEFIT SPENDING/TPE	TOTAL CHARITY CARE SPENDING/TPE	TOTAL COMMUNITY BENEFIT/TPE
MetroWest Medical Center	DID NOT REPORT			
Milford Regional Medical Center	\$172,685,839	0.62%	2.39%	3.22%
Milton Hospital	\$74,044,976	0.25%	1.29%	1.64%
Morton Hospital & Medical Center	\$35,261,192	4.35%	3.02%	10.39%
Mount Auburn Hospital	\$281,386,036	0.43%	1.14%	1.72%
Nantucket Cottage Hospital	\$39,284,607	0.61%	0.82%	1.85%
Nashoba Valley Medical Center	\$46,252,637	0.01%	1.21%	1.30%
New England Baptist Hospital	\$199,348,444	0.27%	1.08%	1.36%
Newton-Wellesley Hospital	\$369,585,024	0.32%	1.94%	2.33%
North Shore Medical Center	\$415,169,552	0.61%	1.23%	2.36%
Northeast Hospital Corporation	\$327,447,300	0.34%	1.09%	1.50%
Norwood Hospital	\$140,611,558	0.10%	1.42%	1.75%
Saint Anne's Hospital	\$196,008,425	0.60%	1.09%	2.06%
Saint Vincent Hospital	DID NOT REPORT			
Signature Healthcare Brockton Hospital	\$238,785,432	0.11%	2.36%	2.51%
South Shore Hospital	\$444,571,528	0.73%	0.91%	1.78%
Southcoast Hospitals Group	\$645,847,561	1.77%	1.03%	2.92%
St. Elizabeth's Medical Center	\$204,901,695	3.27%	1.44%	4.93%
Sturdy Memorial Hospital	\$149,409,031	0.38%	1.24%	1.62%
Tufts Medical Center	\$577,167,383	1.02%	1.42%	2.63%
UMass Memorial Medical Center	\$1,272,863,031	0.38%	1.05%	1.51%
Winchester Hospital	\$256,415,408	0.40%	1.05%	1.67%

