

# Hospital Profile: NOBLE HOSPITAL

Community, Disproportionate Share Hospital  
Pioneer Valley / Franklin Region

Noble Hospital is a non-profit, acute care community hospital. It is among the smaller hospitals in Massachusetts, with 97 staffed beds. Noble Hospital is located in the Pioneer Valley/Franklin region and represents 6% of all acute hospital staffed beds in the region. Noble Hospital qualifies as a Disproportionate Share Hospital (DSH), as more than 63% of its gross patient service revenue is derived from government programs.

**PATIENTS** Over half of all inpatient cases treated at Noble Hospital are from Westfield.

**INPATIENT SERVICES** Compared with the other community-DSH hospitals, Noble Hospital treats a greater proportion of mid-severity cases. In FY12, it accounted for 4% of all inpatient discharges from acute hospitals within the Pioneer Valley/Franklin region. Of note, based on its most common FY12 inpatient cases (DRGs), Noble Hospital treated 40% of all Rehabilitation cases in the Pioneer Valley/Franklin region.

**FINANCIAL PERFORMANCE** Noble Hospital's total revenue in FY12 was \$59 million. Its FY12 public payer mix was 66%, lower than the average community-DSH hospital. Noble Hospital's FY12 inpatient cost<sup>†</sup> per case mix adjusted discharge was \$7,842, approximately 17% lower than the average community-DSH hospital. Noble Hospital's CY12 average commercial payer price level was at the 15<sup>th</sup> percentile, the second lowest of all community-DSH hospitals. It earned a surplus of \$1.4 million (2.4% total margin) in FY12, although it experienced losses from FY08 to FY11.

## AT A GLANCE

**TOTAL STAFFED BEDS:** 97, among the smaller acute hospitals

**% OCCUPANCY:** 53%, < cohort avg. (61%)

**TOTAL REVENUE in FY12:** \$59 million

**PUBLIC PAYER MIX:** 66% (DSH\* Hospital)

**SPECIAL PUBLIC FUNDING:** CHART<sup>^</sup>, ICB<sup>g</sup>

**TAX STATUS:** Non-profit

**TRAUMA CENTER DESIGNATION:** Not Applicable

**CY12 COMMERCIAL PAYER PRICE LEVEL:** 15th Percentile

**CASE MIX INDEX in FY12:** 0.91, > cohort avg. (0.89); < statewide (1.06)

**INPATIENT:OUTPATIENT REVENUE in FY12:** 39%:61%

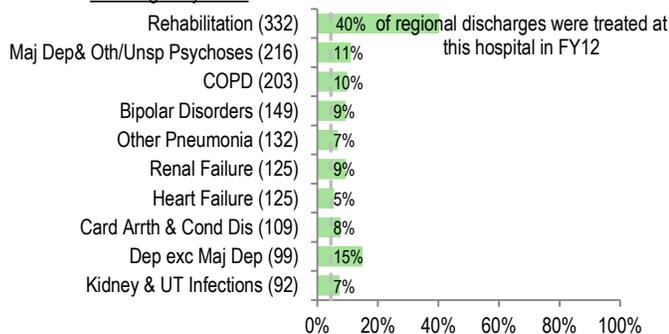
**TOTAL MARGIN in FY12:** 2.4% (\$1.4 million)

**CHANGE in OWNERSHIP (FY08-FY12):** Not Applicable

## SERVICES

What were the most common inpatient cases (DRGs) treated at the hospital? What proportion of the region's cases did this hospital treat for each service?

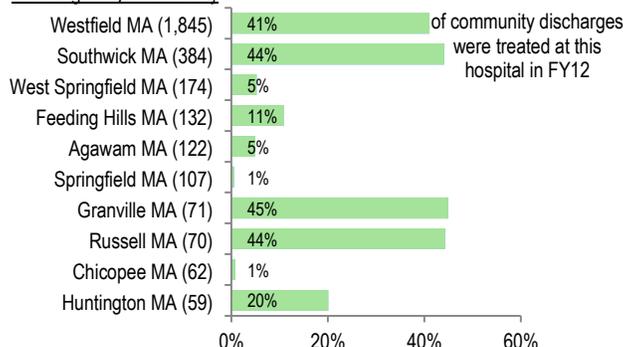
### Discharges by DRG



--- Hospital (3,523) = 4% of total regional discharges

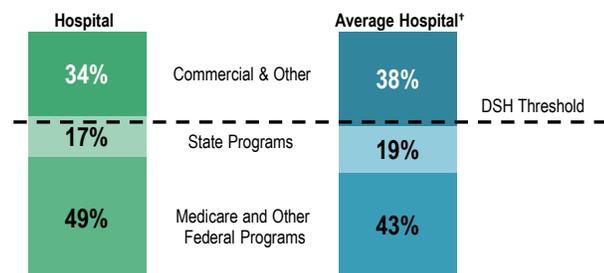
Where did most of the hospital's inpatients reside? What proportion of each community's total discharges were attributed to this hospital?

### Discharges by Community



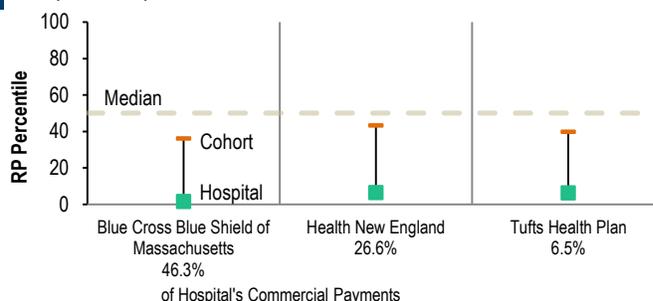
## PAYER MIX

What was the hospital's overall payer mix (gross charges) in FY12, and how does this hospital compare to the average acute hospital's payer mix?

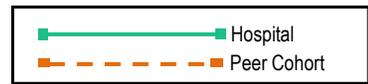


Percentage calculations may not add to 100% due to rounding

What were the hospital's CY12 payer-specific relative price levels for its top three commercial payers? How does this hospital compare to the average hospital in its peer cohort?

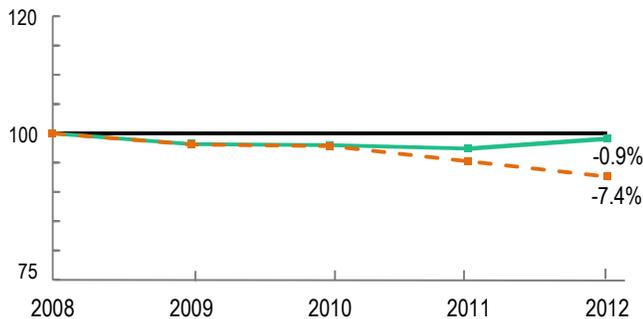


For descriptions of the metrics, please see Technical Appendix.

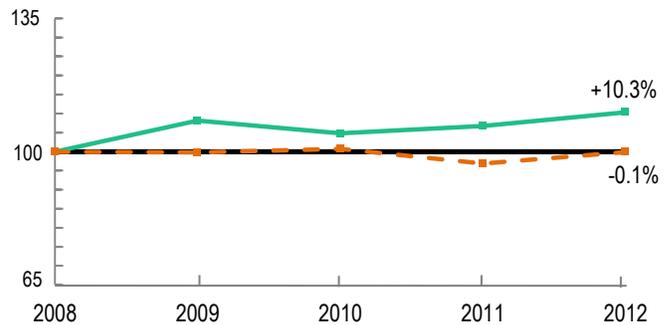


**UTILIZATION TRENDS**

How has the volume of the hospital's inpatient discharges changed compared to FY08, and how does this hospital compare to the average hospital in its peer cohort? (FY08=100)

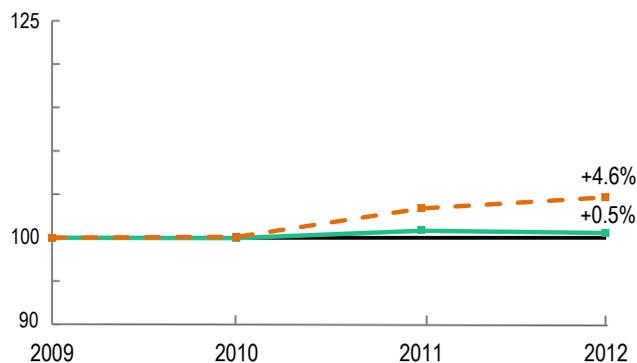


How has the volume of the hospital's outpatient visits changed compared to FY08, and how does this hospital compare to the average hospital in its peer cohort? (FY08=100)

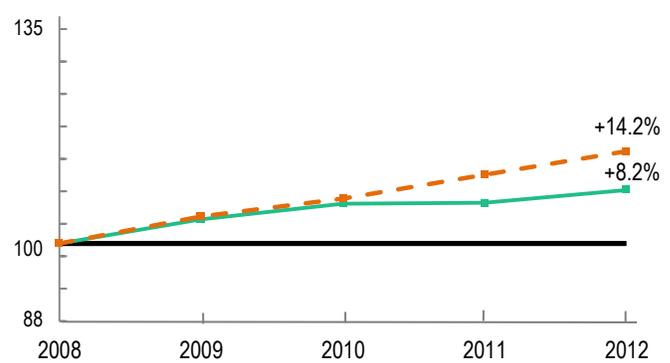


**COST TRENDS**

How has the hospital's inpatient cost<sup>‡</sup> per case mix adjusted discharge changed compared to FY09, and how does this hospital compare to the average hospital in its peer cohort? (FY09=100)



How have the hospital's total outpatient costs changed compared to FY08, and how does this hospital compare to the average hospital in its peer cohort? (FY08=100)

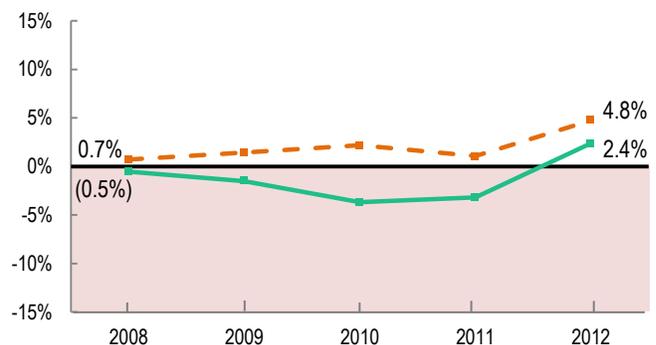


**FINANCIAL PERFORMANCE**

How have the hospital's total revenue and costs changed between FY08 and FY12?

Revenue, Cost & Profit/Loss (in millions)					
FY	Total Revenue	% Change	Total Cost	% Change	Total Profit/Loss
2008	\$54		\$54		(\$0.3)
2009	\$56	3.3%	\$56	4.3%	(\$0.8)
2010	\$54	(3.4%)	\$56	(1.3%)	(\$2.0)
2011	\$53	(0.7%)	\$55	(1.2%)	(\$1.7)
2012	\$59	9.9%	\$57	3.9%	\$1.4

What was the hospital's total margin between FY08 and FY12, and how does this compare to the median of its peer cohort hospitals?



For descriptions of the metrics, please see Technical Appendix.

<sup>‡</sup> Costs were adjusted to exclude direct medical education costs and physician compensation.

<sup>\*</sup> Disproportionate Share Hospitals (DSH) receive a minimum of 63% of gross patient service revenue from public payers.

<sup>^</sup> For more information on Community Hospital Acceleration, Revitalization and Transformation (CHART) special funding, please contact the Health Policy Commission (HPC).

<sup>®</sup> For more information on Infrastructure and Capacity Building (ICB) special funding, please contact the Massachusetts Executive Office of Health and Human Services (EOHHS).

<sup>†</sup> Average Hospital does not include Specialty hospitals.

For more information, please contact:

**CENTER FOR HEALTH INFORMATION AND ANALYSIS**  
Two Boylston Street, 5<sup>th</sup> Floor  
Boston, MA 02116

617.988.3100

[www.mass.gov/chia/hospitals](http://www.mass.gov/chia/hospitals)

