Nantucket Cottage Hospital is a non-profit community hospital located in the Cape and Islands region. Nantucket Cottage is the second smallest hospital in Massachusetts, with 19 staffed beds. It is a member of Partners HealthCare System. Outpatient visits decreased 37.8% from FY09 to FY13, compared to a median increase of 4.0% among cohort hospitals. While Nantucket Cottage Hospital reported a loss from FY09 to FY11, it earned a profit in FY12 and FY13, with a total margin of 1.4% in FY13. The median total margin in its peer cohort in FY13 was 2.4%.

**2013 Hospital Profile: NANTUCKET COTTAGE HOSPITAL**

What was the hospital's overall payer mix (gross charges) in FY13, and how does this hospital compare to the average acute hospital's payer mix?

<table>
<thead>
<tr>
<th>Payer Mix</th>
<th>Hospital</th>
<th>Average Hospital</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial &amp; Other</td>
<td>51%</td>
<td>37%</td>
</tr>
<tr>
<td>State Programs</td>
<td>17%</td>
<td>19%</td>
</tr>
<tr>
<td>Medicare and Other Federal Programs</td>
<td>32%</td>
<td>44%</td>
</tr>
</tbody>
</table>

For descriptions of the metrics, please see Technical Appendix.
**Revenue, Cost & Profit/Loss (in millions)**

<table>
<thead>
<tr>
<th>FY</th>
<th>Total Revenue</th>
<th>Operating Revenue</th>
<th>Non-Operating Revenue</th>
<th>Total Costs</th>
<th>Total Profit/Loss</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>$33</td>
<td>$32</td>
<td>$1</td>
<td>$38</td>
<td>$(5.0)</td>
</tr>
<tr>
<td>2010</td>
<td>$30</td>
<td>$27</td>
<td>$2</td>
<td>$36</td>
<td>$(6.7)</td>
</tr>
<tr>
<td>2011</td>
<td>$27</td>
<td>$26</td>
<td>$1</td>
<td>$32</td>
<td>$(5.4)</td>
</tr>
<tr>
<td>2012</td>
<td>$37</td>
<td>$33</td>
<td>$3</td>
<td>$33</td>
<td>$3.2</td>
</tr>
<tr>
<td>2013</td>
<td>$35</td>
<td>$32</td>
<td>$3</td>
<td>$35</td>
<td>$0.5</td>
</tr>
</tbody>
</table>

**For descriptions of the metrics, please see Technical Appendix.**

* Disproportionate Share Hospitals (DSH) receive a minimum of 63% of gross patient service revenue from public payers.
‡ Costs were adjusted to exclude direct medical education costs and physician compensation.
ᶲ Delivery DRG includes Cesarean and Vaginal Deliveries, and Neonate DRG.
† Average Hospital does not include Specialty hospitals.
The selected quality measures displayed in this hospital’s profile are derived from the Commonwealth’s Standard Quality Measure Set (SQMS). CHIA is required to uniformly report hospital performance on SQMS measures. SQMS measures are used by health plans for tiering providers for certain insurance products. They may also be used to inform consumers about the quality and safety of their care providers. The selected indicators are hospital-specific measures based on information that hospitals self-report to CHIA and other entities, including the federal Centers for Medicare and Medicaid Services (CMS) and The Leapfrog Group.

PATIENT SAFETY

How many complications or adverse events were reported at this hospital for conditions included in the **PSI-90 Composite**, relative to the annual national average of 1.00? How does this compare to the median of its peer cohort?

The **PSI-90** is a summary of 11 **Patient Safety Indicators (PSIs)** that measure adverse events for various procedures.
- **Population:** All patients
- **Score:** Lower is better
- **Source:** Hospital Discharge Data (HDD); CHIA-calculated indicator, risk adjusted
- **Data Period:** 10/1-9/30

**2013 Statewide Average = 0.74**

PATIENT EXPERIENCE

How well did the hospital fulfill the following **key expectations for patient experience**, based on patient surveys? How does this compare to the national average?

The **HCAHPS** survey measures patient perspectives on key aspects of their care.
- **Population:** All patients
- **Score:** Higher is better
- **Source:** Centers for Medicare and Medicaid Services (CMS) Hospital Compare
- **Data Period:** 2012-2013

For descriptions of the metrics, please see Technical Appendix.
**Hospital Profile: NANTUCKET COTTAGE HOSPITAL**

**CARE PRACTICES**

What percentage of medication orders were entered by a physician using an electronic system that included error checking? How does this hospital compare to the median hospital in its peer cohort?

<table>
<thead>
<tr>
<th>Percentage of Orders</th>
<th>Number of Cohort Hospitals</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-24%</td>
<td>1</td>
</tr>
<tr>
<td>25-49%</td>
<td>3</td>
</tr>
<tr>
<td>50-74%</td>
<td>14</td>
</tr>
</tbody>
</table>

**Computerized Physician Order Entry (CPOE)** is believed to increase efficiency and reduce transcription errors.²

Population: 18 of 19 cohort hospitals responded to this survey.

Score: Higher is better.

Source: The Leapfrog Group Hospital Survey²

Data Period*: 2012-2013

**READMISSIONS**

What percentage of Medicare patients who were discharged from this hospital were readmitted to any hospital within 30 days? How does this compare to the median hospital in its peer cohort, and the national median?

**OBSTETRIC CARE**

What percentage of all newborn deliveries at this hospital were clinically unnecessary inductions before the recommended 39 weeks of gestation? How does this compare to the median hospital in its peer cohort, and the national median?

2012 - 2013

- **0.0%**  
  - **0.0%** Peer Cohort  
  - **2.5%** National Median

2011 - 2012

- **4.0%**  
  - **2.9%** Peer Cohort  
  - **5.0%** National Median

**OBSTETRIC CARE COMPLICATIONS**

Out of every 1,000 births, how many patients experienced an adverse event? How does this compare to the median hospital in its peer cohort?

- **Injury to Neonates**
  - **0.0%**
  - **0.7%** Peer Cohort

- **Obstetric Trauma: Delivery with Instrument**
  - **Number of eligible patients did not meet the threshold for this calculation**
  - **168.6%** Peer Cohort

- **Obstetric Trauma: Delivery without Instrument**
  - **22.7%**
  - **19.7%** Peer Cohort

For descriptions of the metrics, please see Technical Appendix.

¹ Data Periods vary by measure based on data source. Please see Technical Appendix for measure-specific reporting periods.

² Hospital did not submit an assessment of the CPOE system’s error-checking capabilities.

³ Measures from The Leapfrog Survey are voluntarily reported by hospitals. Not all hospitals report this data.

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