NANTUCKET COTTAGE HOSPITAL

2020 Hospital Profile

Nantucket, MA
Community Hospital
Cape and Islands

Nantucket Cottage Hospital is a non-profit community hospital located in the Cape and Islands region. Nantucket Cottage is the smallest acute hospital in Massachusetts, with 18 staffed beds. It is a member of Mass General Brigham. Between FY16 and FY20, the volume of inpatient discharges at the hospital decreased by 10.7% compared to a median decrease of 3.2% at cohort hospitals. Nantucket Cottage Hospital reported losses in the last five years including a loss of \$1.3M in FY20. Its FY20 total margin was -2.1%, lower than the median of its peer cohort of 1.4%.

Overview / Size

Hospital System Affiliation:
Hospital System Surplus (Deficit) in FY20:
Change in Ownership (FY16-20):
Not Applicable
Total Staffed Beds:
18, the smallest acute hospital
% Occupancy:
31.1%, lowest in cohort avg. (58%)
Trauma Center Designation:
Not Applicable

Case Mix Index: 0.62, < cohort avg. (0.89); < statewide (1.16)

Financial

Inpatient NPSR per CMAD: \$16,973 Change FY19-FY20: -10.4% Inpatient Outpatient Revenue in FY20: 11%:89% Outpatient Revenue in FY20: \$45.560.265 Change FY19-FY20: 26.4% \$62,563,000 Total Revenue in FY20: COVID Funding Included in Total Revenue: \$5.002.000 Total Surplus (Deficit) in FY20: -\$1,312,000

Payer Mix

Public Payer Mix¹: 52.1% non-HPP Hospital
CY19 Commercial Statewide Relative Price: 1.868
Top 3 Commercial Payers: Blue Cross Blue Shield
AllWays
Harvard Pilgrim

Utilization

 Inpatient Discharges in FY20:
 583

 Change FY19-FY20:
 0.9%

 Emergency Department Visits in FY20:
 7,775

 Change FY19-FY20:
 -17.5%

 Outpatient Visits in FY20:
 34,543

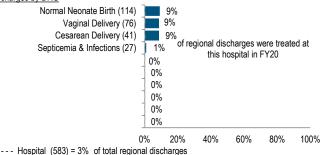
 Change FY19-FY20:
 77.8%

Quality

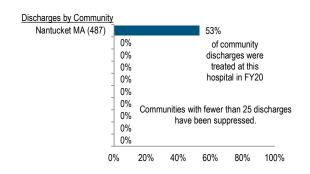
Readmission Rate in FY20: 7.7%
Change FY19-FY20 (percentage points): -8.1
Early Elective Deliveries Rate: Not Available

What were the most common inpatient cases (DRGs) treated at the hospital in FY20? What proportion of the region's cases did this hospital treat for each service?

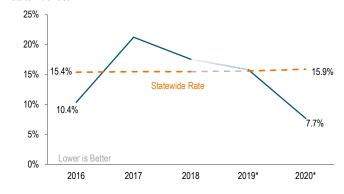
Discharges by DRG



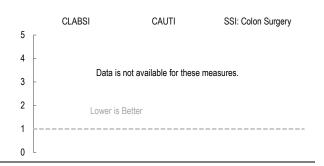
Where did most of the hospital's inpatients reside? What proportion of each community's total discharges was attributed to this hospital?



What proportion of adult patient discharges from this hospital resulted in a readmission at any hospital within 30 days, and how does this compare to the statewide rate?²



How many central line-associated blood stream infections (CLABSI), catheter-associated urinary tract infections (CAUTI), and surgical site infections (SSI) after colon surgery did patients get at this hospital compared to what was expected based on the hospital's characteristics and case mix?



2020 HOSPITAL PROFILE: NANTUCKET COTTAGE HOSPITAL

Cohort: Community Hospital

Utilization

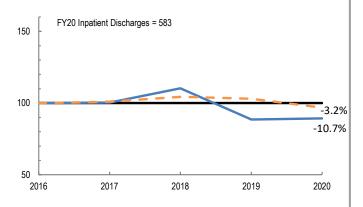
Patient Revenue Trends

Financial Performance

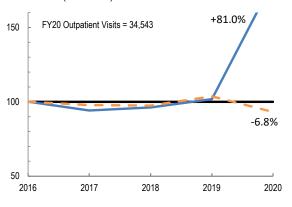
Key:

Hospital
Peer Cohort

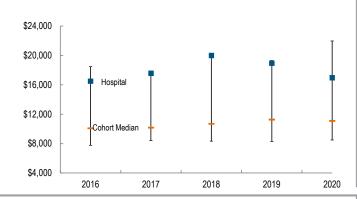
How has the volume of the hospital's inpatient discharges changed compared to FY16, and how does this compare to the hospital's peer cohort median? (FY16=100)



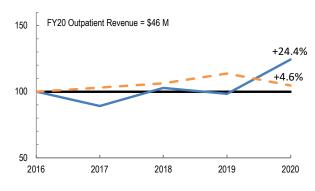
How has the volume of the hospital's outpatient visits changed compared to FY16, and how does this compare to the hospital's peer cohort median? (FY16=100)



What was the hospital's net inpatient service revenue³ per case mix adjusted discharge between FY16 and FY20, and how does this compare to the hospital's peer cohort median?



How has the hospital's net outpatient revenue³ changed compared to FY16, and how does this compare to the hospital's peer cohort median? (FY16=100)

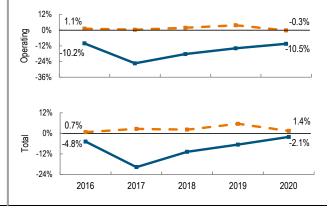


How have the hospital's total revenue and costs changed between FY16 and FY20? (COVID funding affects FY20 only)

Revenue, Cost, & Profit/Loss (in millions)

FY		2016		2017		2018		2019		2020
Operating Revenue	\$	45.2	\$	43.3	\$	49.6	\$	46.6	\$	57.3
COVID Funding Included in Operating Revenue									\$	5.0
Non-Operating Revenue ⁴	\$	2.6	\$	2.6	\$	4.0	\$	3.7	\$	5.3
Total Revenue	\$	47.8	\$	45.9	\$	53.6	\$	50.3	\$	62.6
Total Costs	\$	50.1	\$	54.9	\$	59.4	\$	53.6	\$	63.9
Total Profit (Loss)	\$	(2.3)	\$	(9.0)	\$	(5.8)	\$	(3.3)	\$	(1.3)

What were the hospital's total margin and operating margins between FY16 and FY20, and how do these compare to the hospital's peer cohort medians? (Note: FY20 margins include COVID funding)



For descriptions of the metrics, please see the technical appendix.

¹ High Public Payer Hospitals (HPP) reported a minimum of 63% of gross patient service revenue from public payers.

² For 2019 and 2020 readmission rates, a new methodology was used. These rates may not be comparable to earlier years. For more information, please see: https://www.chiamass.gov/assets/docs/r/pubs/2022/Readmissions-Technical-Appendix-2011-2020.pdf

³ Effective FY 2020 supplemental revenue is not included in net patient service revenue for all hospitals. Prior to FY 2020, reporting of supplemental revenue varied by hospital

⁴ There was an accounting change adopted by most hospitals beginning in FY 2020 in which unrealized gains and losses on investments are now recognized as non-operating income