BETH ISRAEL DEACONESS HOSPITAL - PLYMOUTH

2020 Hospital Profile

Plymouth, MA Community-High Public Payer Hospital Metro South

Beth Israel Deaconess Hospital – Plymouth (BID-Plymouth) is a mid-size, non-profit community-High Public Payer (HPP) hospital located in the Metro South region. It is a member of Beth Istael Lahey Health. Between FY16 and FY20, the volume of inpatient discharges at the hospital increased by 17.3% compared to a median decrease of 7.6% at cohort hospitals. Outpatient visits decreased by 11.0% for the hospital between FY16 and FY20, compared to a median decrease of 15.2% for its peer cohort. The hospital has reported a profit in each of the last five years. In FY20 it had a total margin of 6.3%, above the 4.0% median of its cohort hospitals.

		1						
At a Glance	Overview / Size	Payer Mix						
	Hospital System Affiliation: Beth Israel Lahey Health	Public Payer Mix ¹ : 66.7% HPP Hospital						
	Hospital System Surplus (Deficit) in FY20: \$73,031,000	CY19 Commercial Statewide Relative Price: 0.881						
	Change in Ownership (FY16-20): Beth Israel Lahey Health 3/1/19	Top 3 Commercial Payers: Blue Cross Blue Shield						
	Total Staffed Beds: 183, mid-size acute hospital	Harvard Pilgrim						
	% Occupancy: 79.4%, > cohort avg. (63%)	Tufts HMO						
	Trauma Center Designation: Not Applicable							
	Case Mix Index: 1.04, > cohort avg. (1.00); < statewide (1.16)	Utilization						
		Inpatient Discharges in FY20: 11,739						
	Financial	Change FY19-FY20: 4.0%						
	Inpatient NPSR per CMAD: \$11,018	Emergency Department Visits in FY20: 38,360						
	Change FY19-FY20: -6.8%	Change FY19-FY20: -13.9%						
	Inpatient Outpatient Revenue in FY20: 35%:65%	Outpatient Visits in FY20: 115,801						
	Outpatient Revenue in FY20: \$143,107,005	Change FY19-FY20: -10.7%						
	Change FY19-FY20: -4.2%	Quality						
Services	Total Revenue in FY20: \$310,754,000	Readmission Rate in FY20: 16.2%						
	COVID Funding Included in Total Revenue: \$20,178,000	Change FY19-FY20 (percentage points): 0.1						
	Total Surplus (Deficit) in FY20: \$19,536,000	Early Elective Deliveries Rate: 0.0%						
	FY20? What proportion of the region's cases did this hospital treat for each service? Discharges by DRG Normal Neonate Birth (823) Septicemia & Infections (674) Vaginal Delivery (599) Other Pneumonia (372) Heart Failure (357) Knee Joint Replacement (343) Maj Resp Infect & Inflam (314) Kidney & UT Infections (293) Cesarean Delivery (280) Renal Failure (233) 22%	each community's total discharges was attributed to this hospital? Discharges by Community Plymouth MA (4,832) Kingston MA (871) Carver MA (790) Middleboro MA (718) Duxbury MA (600) Marshfield MA (414) Pembroke MA (302) Halifax MA (221) Sagamore Beach MA (205) 0% 20% 40% 60% 80% 100%						
	0% 20% 40% 60% 80% 100% Hospital (11,739) = 16% of total regional discharges	0% 20% 40% 60% 80% 100%						
	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?						
	20% - 16.2%	CLABSI CAUTI SSI: Colon Surgery						
Quality	15.4%	5						
Que	15.9%							
U	10% - Statewide Date	4 -						
	Statewide Rate	3 -						
	5% -							
	Lower is Better	Lower is Better						
	0% 2016 2017 2018 2019* 2020*							
	2010 2017 2010 2019 2020"							
		l						

Cohort: Community-High Public Payer Hospital

Utilization

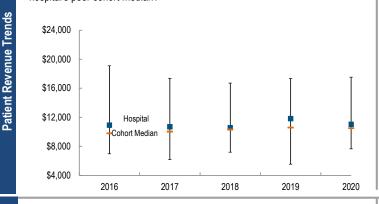
Derforma

leine



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) 150 FY20 Inpatient Discharges = 11,739 100 - -7.6% 50 2016 2017 2018 2019 2020

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?

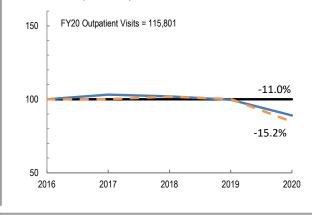


How have the hospital's total revenue and costs changed between FY16 and FY20? (COVID funding affects FY20 only)

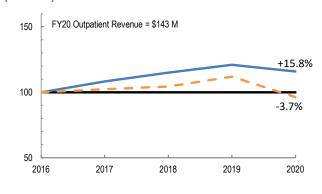
Revenue, Cost, & Profit/Loss (in millions)

FY		2016		2017		2018		2019		2020
Operating Revenue	\$	236.6	\$	260.7	\$	274.3	\$	177.1	\$	310.7
COVID Funding Included in Operating Revenue								\$	20.2	
Non-Operating Revenue ⁴	\$	2.9	\$	3.9	\$	3.2	\$	0.5	\$	0.0
Total Revenue	\$	239.5	\$	264.6	\$	277.5	\$	177.6	\$	310.8
Total Costs	\$	235.9	\$	248.4	\$	263.3	\$	166.3	\$	291.2
Total Profit (Loss)	\$	3.6	\$	16.2	\$	14.2	\$	11.3	\$	19.5

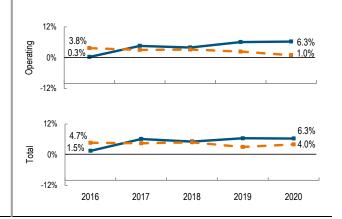
How has the volume of the hospital's outpatient visits changed compared to FY16, and how does this compare to the hospital's peer cohort median? (FY16=100)



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)



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

FY 2020 Massachusetts Hospital Profiles | April 2022

Center for Health Information and Analysis 501 Boylston Street, Boston MA 02116 617-701-8100 www.chiamass.gov

