# **BETH ISRAEL DEACONESS MEDICAL CENTER**

## **2020 Hospital Profile**

Boston, MA Academic Medical Center Metro Boston

Beth Israel Deaconess Medical Center (BIDMC) is a large, non-profit Academic Medical Center (AMC) located in the Metro Boston region. At 740 inpatients beds, it is the largest member of Beth Israel Lahey Health and is one of nine organ transplant centers in the state. Between FY16 and FY20, the volume of inpatient discharges at the hospital decreased by 9.9% compared to a median decrease of 8.8% at AMCs. Outpatient visits decreased 19.9% for the hospital between FY16 and FY20, compared to a median decrease of 16.2% at AMCs. It earned a profit each year from FY16 to FY20, with a 4.7% total margin in FY20 compared to the AMC median total margin of 4.2%.

At a Glance	Overview / Size         Hospital System Affiliation:       Beth Israel Lahey Health         Hospital System Surplus (Deficit) in FY20:       \$73,031,000         Change in Ownership (FY16-20):       Beth Israel Lahey Health 3/1/19         Total Staffed Beds:       740, 5th Iargest acute hospital         % Occupancy:       82.1%, < cohort avg. (84%)	Payer Mix         Public Payer Mix <sup>1</sup> :       56.1% non-HPP Hospital         CY19 Commercial Statewide Relative Price:       1.052         Top 3 Commercial Payers:       Blue Cross Blue Shield         Harvard Pilgrim       Tufts HMO         Utilization         Inpatient Discharges in FY20:         Change FY19-FY20:       -10.6%         Emergency Department Visits in FY20:       63,923         Change FY19-FY20:       -15.3%         Outpatient Visits in FY20:       549,790         Change FY19-FY20:       -25.9%         Quality       Readmission Rate in FY20:       17.3%         Change FY19-FY20 (percentage points):       1.1         Early Elective Deliveries Rate:       0.0%						
Services	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  Normal Neonate Birth (4417) Vaginal Delivery (3339) Cesarean Delivery (1589) Septicemia & Infections (850) Heart Failure (841) Maj Resp Infect & Inflam (540) Maj Sml & Lrg Bowel Procs (451) Per Cardio procs w/o AMI (449) Chemotherapy (440) Infectious & Parasitic Dis incl HIV w O.R 0% 20% 40% 60% 80% 100% Hospital (36,118) = 13% of total regional discharges	Where did most of the hospital's inpatients reside? What proportion of each community's total discharges was attributed to this hospital? Discharges by Community Boston MA (2,177) Quincy MA (1,447) Dorchester MA (1,340) Brookline MA (1,112) Brockton MA (797) Dorchester Center MA (753) Cambridge MA (750) Jamaica Plain MA (741) Plymouth MA (597) 0% 20% 40% 60% 80% 100%						
Quality	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? <sup>2</sup> 25% 20% 15.8% 15.8% 15.8% 15.4% 15.4% 15.4% 15.9% 10% 0% 15.4% 15.9% 10% 15.9% 10% 15.9% 10% 1	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: BETH ISRAEL DEACONESS MEDICAL CENTER

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?

#### Cohort: Academic Medical Center

Utilization



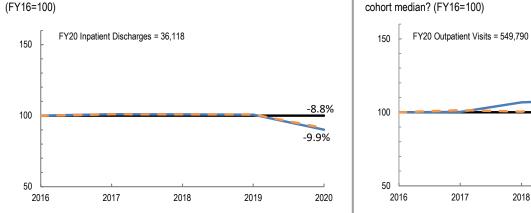
2019

-16.2%

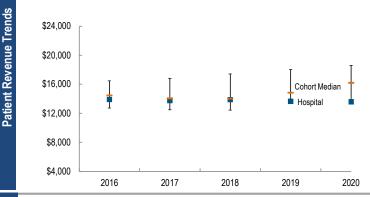
-19.9%

2020

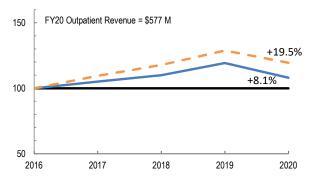
How has the volume of the hospital's outpatient visits changed compared to FY16, and how does this compare to the hospital's peer cohort median? (FY16=100)



What was the hospital's net inpatient service revenue<sup>3</sup> 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 revenue  $^{3}$  changed compared to FY16, and how does this compare to the hospital's peer cohort median? (FY16=100)

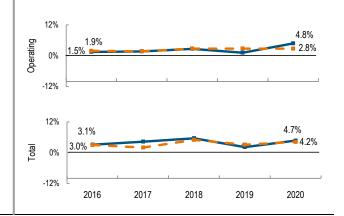


How have the hospital's total revenue and costs changed between FY16 and FY20? (COVID funding affects FY20 only)

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

	FY		2016		2017		2018		2019		2020
lance	Operating Revenue	\$ 1	,595.4	\$ 1	,688.4	\$	1,818.5	\$1	,118.3	\$ 2	2,078.5
rforn	COVID Funding Included in Operating Revenue								\$	117.4	
Financial Performance	Non-Operating Revenue <sup>4</sup>	\$	25.1	\$	44.5	\$	52.6	\$	11.5	\$	(1.6)
ш	Total Revenue	\$ 1	,620.5	\$ 1	,733.0	\$	1,871.1	\$ 1	,129.9	\$ 2	2,076.9
	Total Costs	\$ 1	,570.7	\$ 1	,658.4	\$	1,767.2	\$ 1	,105.2	<b>\$</b> 1	1,978.5
	Total Profit (Loss)	\$	49.8	\$	74.6	\$	103.9	\$	24.6	\$	98.4

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.

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

<sup>2</sup> 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

<sup>3</sup> 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.

<sup>4</sup> 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

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