LOWELL GENERAL HOSPITAL

2020 Hospital Profile

Community-High Public Payer Hospital Northeastern Massachusetts

Lowell General Hospital is a non-profit community-High Public Payer (HPP) hospital located in the Northeastern Massachusetts region. It is among the larger acute hospitals in Massachusetts. Lowell General Hospital is a member of Wellforce. Between FY16 and FY20, the volume of inpatient discharges at the hospital decreased by 15.4% compared to a median decrease of 7.6% at cohort hospitals. Outpatient visits decreased by 29.6% for the hospital between FY16 and FY20, compared to a median decrease of 15.2% for its peer cohort. Lowell General has reported a profit in each year of the past five years. In FY20, its total margin was 2.6% as compared to the median total margin of 4.0% at peer cohort hospitals.

Overview / Size

Hospital System Affiliation: Wellforce
Hospital System Surplus (Deficit) in FY20: \$31,120,000
Change in Ownership (FY16-20): Not Applicable
Total Staffed Beds: 353, among the larger acute hospitals
% Occupancy: 60.0%, < cohort avg. (63%)
Trauma Center Designation: Adult: Level 3

Case Mix Index: 0.94, < cohort avg. (1.00); < statewide (1.16)

Financial

Inpatient NPSR per CMAD: \$10.456 Change FY19-FY20: -1.3% Inpatient Outpatient Revenue in FY20: 34%:66% Outpatient Revenue in FY20: \$226,465,732 Change FY19-FY20: -9.2% Total Revenue in FY20: \$482,147,000 COVID Funding Included in Total Revenue: \$31,331,000 \$12,406,000 Total Surplus (Deficit) in FY20:

Paver Mix

Public Payer Mix¹: 65.9% HPP Hospital
CY19 Commercial Statewide Relative Price: 0.846
Top 3 Commercial Payers: Blue Cross Blue Shield
Tufts HMO

Lowell, MA

Harvard Pilgrim

Utilization

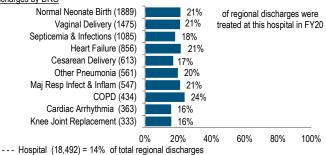
Inpatient Discharges in FY20:	18,492
Change FY19-FY20:	-9.3%
Emergency Department Visits in FY20:	80,726
Change FY19-FY20:	-17.0%
Outpatient Visits in FY20:	136,594
Change FY19-FY20:	-24.7%

Quality

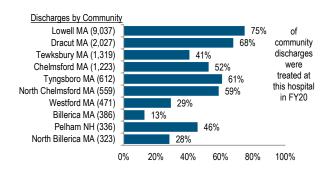
Readmission Rate in FY20: 15.2%
Change FY19-FY20 (percentage points): -0.9
Early Elective Deliveries Rate: 2.9%

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?

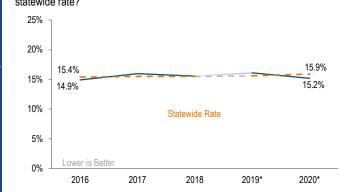
Discharges by DRG



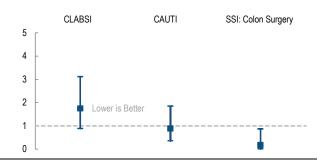
Where did most of the hospital's inpatients reside? What proportion of each community's total discharges was attributed to this hospital?



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



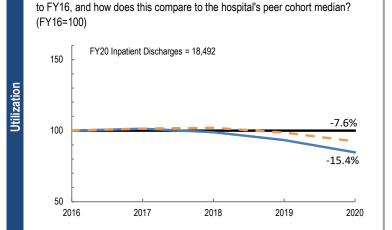
How many central line-associated blood stream infections (CLABSI), catheter-associated urinary tract infections (CAUTI), and surgical site infections (SSI) after colon surgery did patients get at this hospital compared to what was expected based on the hospital's characteristics and case mix?



2020 HOSPITAL PROFILE: LOWELL GENERAL HOSPITAL

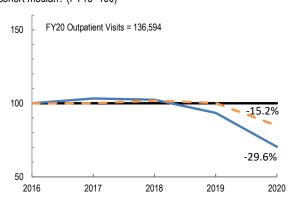
Cohort: Community-High Public Payer Hospital



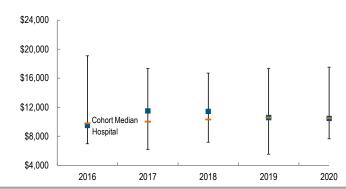


How has the volume of the hospital's inpatient discharges changed compared

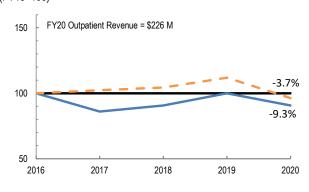
How has the volume of the hospital's outpatient visits changed compared to FY16, and how does this compare to the hospital's peer cohort median? (FY16=100)



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)



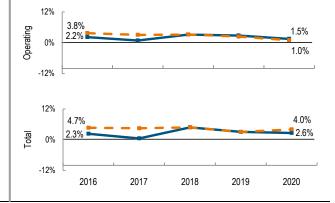
How have the hospital's total revenue and costs changed between FY16 and FY20? (COVID funding affects FY20 only)

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

Patient Revenue Trends

Nevenue, cost, a i rona cos (in ininions)												
FY		2016		2017		2018		2019		2020		
Operating Revenue	\$	441.4	\$	451.8	\$	472.6	\$	472.0	\$	477.1		
COVID Funding Included in Operating Revenue										31.3		
Non-Operating Revenue ⁴	\$	0.8	\$	(1.8)	\$	7.7	\$	0.9	\$	5.1		
Total Revenue	\$	442.1	\$	449.9	\$	480.3	\$	472.9	\$	482.1		
Total Costs	\$	431.8	\$	447.6	\$	457.1	\$	458.8	\$	469.7		
Total Profit (Loss)	\$	10.4	\$	2.3	\$	23.2	\$	14.1	\$	12.4		

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.

Center for Health Information and Analysis

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