**APPENDIX 7:**

**CHANGE IN SERVICE FORM**

 Version 6-14-17

**Massachusetts Department of Public Health**

**Determination of Need Change in Service**

Application Number: BMCHS-22080908-HE

Original Application Date: 08/09/2022

**Applicant Information:**

Applicant Name: BMC Health System, Inc.

Contact Person: Kathleen Harrell, Esq.

Title: Attorney

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**Facility:**

Complete the tables below for each facility listed in the Application Form

1 Facility Name: Boston Medical Center

CMS Number: 22-0031

Facility Type: Hospital

**Change in Service:**

2.2 Complete the chart below with existing and planned service changes. Add additional services within each grouping if applicable.

| **Add/ Del Rows** |  | **Licensed Beds** | **Operating Beds** | **Change in Number of Beds (+/-)** | **Number of Beds After Project Completion (calculated)** | **Patient Days** | **Patient Days** | **Occupancy Rate for Operating Beds** | **Average Length of Stay**  | **Number of Discharges** | **Number of Discharges** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Existing | Existing | Licensed | Operating | Licensed | Operating | (Current/ Actual) | Projected | Current Beds | Projected | (Days) | Actual | Projected |
|  | **Acute** |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Medical/ Surgical[[1]](#endnote-1),[[2]](#endnote-2),[[3]](#endnote-3) | 265 | 328 | 60 | 60 | 325 | 388 | 107,475 | 123,399 | 90% | 87% | 5.15 | 13,683 | 15,901 |
|  | Obstetrics (Maternity) |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Pediatrics |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Neonatal Intensive Care |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | ICU/CCU/SICU[[4]](#endnote-4),[[5]](#endnote-5) | 63 | 63 | 10 | 10 | 73 | 73 | 19,363 | 22,711 | 84% | 85% | 12.26 | 3,959 | 4,213 |
| +/- |  |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Total Acute[[6]](#endnote-6) | 328 | 391 | 70 | 70 | 398 | 461 | 126,838 | 146,110 | 89% | 87% | 17.41 | 17,642 | 20,114 |
|  | **Acute Rehabilitation** |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
| +/- |  |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Total Rehabilitation |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | **Acute Psychatric** |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Adult |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Adolescent |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Pediatric |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Geriatric |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
| +/- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Total Acute Psychiatric |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | **Chronic Disease** |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
| +/- |  |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Total Chronic Disease |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | **Substance Abuse** |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Detoxification |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Short-term intensive |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
| +/- |  |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Total Substance Abuse |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | **Skilled Nursing Facility** |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Level II |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Level III |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Level IV |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
| +/- |  |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |
|  | Total Skilled Nursing |  |  |  |  |  |  |  |  | 0% | 0% |  |  |  |

Complete the chart below If there are changes other than those listed in table above.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Add/Del Rows** | **List other services if Changing e.g. OR, MRI, etc** | **Existing Number of Units** | **Change in Number +/-** | **Proposed Number of Units** | **Existing Volume** | **Proposed Volume** |
| +/- | Inpatient Operating Rooms (Units= # of Operating Rooms; Volume = # of Surgical Cases) | 18 | 5 | 23 | 5,865 | 7,567 |

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Footnotes

1. The Applicant notes that the medical/surgical line "Patient Days" data provided herein is based on midnight census reporting, which also includes observation patients and bedded outpatients who occupy a medical/surgical bed but are not reflected as inpatient medical/surgical discharges. The data is reported in this way to provide the most accurate understanding of BMC's medical/surgical inpatient occupancy rates. [↑](#endnote-ref-1)
2. The Applicant highlights that BMC's existing number of operating medical/surgical beds is higher than its existing number of licensed medical/surgical beds. While the Hospital is currently licensed for 265 medical/surgical beds, it also currently utilizes alternate space (e.g., Code Yellow beds and other acute inpatient care surge spaces) to provide medical/ surgical inpatient care to its patients pursuant to guidance from the Department of Public Health ("Department"). Given that patients receive medical/surgical care in these beds, the Applicant has included these beds and patients in its calculations to provide the most accurate understanding of BMC's medical/surgical inpatient utilization rates. [↑](#endnote-ref-2)
3. Through the Proposed Project, the Applicant seeks to increase BMC's licensed medical/surgical capacity by 60 beds, for a total new licensed medical/surgical capacity of325 beds. The Applicant anticipates that this addition of beds will help curtail some of the Hospital's projected inpatient capacity constraints and will allow the Hospital to decrease utilization of some of its alternate spaces (e.g., Code Yellow beds). Additionally, the Applicant notes that the Hospital will vacate its COVID-19 surge spaces pursuant to the timeline outlined within the Department's *Updated Guidance Regarding Implementation of Alternate Acute Inpatient Care Space*. Accordingly, the Applicant anticipates that BMC's change in operating medical/surgical beds will be less than its change in licensed medical/surgical beds (i.e., less than 60 beds), that its projected operating beds will be less than the 388 detailed herein, and that its projected occupancy rate for its operating medical/surgical beds will be higher than the 87% provided herein. However, given the unpredictable nature of the COVID-19 pandemic, the fluid status of the Public Health Emergency, anticipated further extensions in the authorized use of alternate acute inpatient care space, and projected increases in BMC's medical/surgical patient panel, the Hospital is uncertain at this time as to the exact number of alternate beds it will vacate and when. Given this uncertainty, the Applicant has completed the Change in Service Form to reflect the proposed addition of 60 licensed medical/surgical beds only. [↑](#endnote-ref-3)
4. The Applicant notes that the ICU line "Patient Days" data provided herein is based on census days, which accounts for time that patients spend in different levels of care (e.g., medical/surgical, step-down, ICU, etc.) and is therefore lower than discharge days. The data is reported in this way to provide the most accurate understanding of BMC's ICU occupancy rates. [↑](#endnote-ref-4)
5. The Applicant notes that in FY21, in addition to operating its 63 licensed ICU beds, BMC also operated 7 additional COVID-19 surge beds for a limited amount of time (approximately 45 days of operation). Given limitations in the Department's Change in Service Form, the Applicant is not able to include these 7 beds in its reporting without inaccurately skewing the Hospital's existing ICU occupancy rate (i.e., the Change in Service Form does not allow the Applicant to account for the limited time period that the 7 additional beds were in operation and inaccurately drives the Hospital's existing ICU occupancy rate down to 76%). Accordingly, the Applicant has not included these 7 beds in the above reporting. However, to provide the most accurate understanding of BMC's ICU utilization rates, the Applicant notes that when the operation of these 7 beds for approximately 45 days is properly accounted for, the Hospital's existing ICU occupancy rate decreases slightly from 84% to 83%. [↑](#endnote-ref-5)
6. Please note that the calculation related to Total "Average Length of Stay (Days)" for acute beds auto-calculates using a summation formula (5.15 + 12.26 = 17.41). This results in an overstatement of **BMC's** Total Average Length of Stay for its acute beds. A more accurate total is approximately 6.97. [↑](#endnote-ref-6)