## **ICU Beds and Other Beds Report**

Prepared for Reporting Period 11 of 2015/16 (January 1, 2016) - Period 13 of 2020/21 (March 31, 2021)

Data Source Health Authority Management Information System

Notes

### **Data Criteria**

## **Bed Category**

#### ICU Beds

Intensive Care Nursing Unit

#### Other Beds

Medical NU / Surgical NU / Combined Med/Surg NU

Physical Rehab Nursing / Resident Unit

Mental Health / Addictions (Adults/Adolescent beds)

Paediatric Nursing Unit

Obstetrics (Maternity) Nursing unit

Neonatal Intensive Care Nursing unit

Palliative Nursing / Resident Unit

Convalescent Care Nursing / Resident Unit

## **Occupancy Rate Calculation**

Inpatient Days/(Acute Care Beds\*Number of Days in the Year or Quarter)

\*\*Occupancy Rate calculation excludes Neonatal ICU beds and inpatient days reported neonatal intensive care units

Occupancy rates are calculated as the total of inpatient days divided by total 'bed days'. Total bed days are equal to the number of beds normally staffed and in operation multiplied by the number of days in the period covered by the data. Occupancy rates may exceed 100% when the number of inpatient days is greater than the number of bed days. In these cases, patients are likely in beds that are opened and staffed temporarily during periods of high demand.

Note that inpatient days are a cumulative total, but bed numbers are a point-in-time measurement. Therefore, occupancy rates should be read as a calculated value rather than a measured statistic.

Note that surge beds created to increase capacity during the COVID-19 pandemic are not captured in the OASIS/HAMIS data and are therefore not included in this data.

Note also that occupancy rates for ICU beds have not been historically tracked by the Ministry of Health and are therefore not presented here.

Bed numbers and occupancy rates are reported on a fiscal period basis rather than monthly. The periods covering the requested dates are presented here. The Fiscal Period Dates tab illustrates the date range for each period presented.

Health Sector Information, Analysis, and Reporting Division BC Ministry of Health

| Occupancy Rate by Fiscal Year and Period (%) |       |       |       |       |       |      |  |  |  |  |
|--|-------|-------|-------|-------|-------|------|--|--|--|--|
| Fiscal Period                                | 2016  | 2017  | 2018  | 2019  | 2020  | 2021 |  |  |  |  |
| 11   | 106.7 | 108.6 | 106.8 | 106.1 | 105.7 | 94   |  |  |  |  |
| 12   | 106.9 | 106.5 | 105.6 | 106.2 | 103.1 | 96.3 |  |  |  |  |
| 13   | 105.6 | 103.4 | 105.3 | 106.4 | 86.8  | 96.8 |  |  |  |  |
| 1  | 103.7 | 102.1 | 103.4 | 103.6 | 71.7  | N/A  |  |  |  |  |
| 2  | 100.7 | 101.7 | 101.6 | 102.3 | 80.5  | N/A  |  |  |  |  |

# ICU Beds and Other Beds Report - By Fiscal Year and Period

| Year | Period | ICU Beds | Other Beds | Total |
|------|--------|----------|------------|-------|
| 2016 | 11     | 424      | 8,322      | 8,746 |
|      | 12     | 426      | 8,336      | 8,762 |
|      | 13     | 426      | 8,336      | 8,762 |
|      | 1      | 433      | 8,391      | 8,824 |
|      | 2      | 433      | 8,391      | 8,824 |
| 2017 | 11     | 435      | 8,395      | 8,830 |
|      | 12     | 437      | 8,385      | 8,822 |
|      | 13     | 438      | 8,381      | 8,819 |
|      | 1      | 438      | 8,386      | 8,824 |
|      | 2      | 438      | 8,386      | 8,824 |
| 2018 | 11     | 449      | 8,454      | 8,903 |
|      | 12     | 449      | 8,454      | 8,903 |
|      | 13     | 449      | 8,455      | 8,904 |
|      | 1      | 453      | 8,489      | 8,942 |
|      | 2      | 453      | 8,503      | 8,956 |
| 2019 | 11     | 453      | 8,577      | 9,030 |
|      | 12     | 453      | 8,576      | 9,029 |
|      | 13     | 453      | 8,579      | 9,032 |
|      | 1      | 451      | 8,702      | 9,153 |
|      | 2      | 451      | 8,717      | 9,168 |
| 2020 | 11     | 476      | 8,757      | 9,233 |
|      | 12     | 476      | 8,757      | 9,233 |
|      | 13     | 476      | 8,755      | 9,231 |
|      | 1      | 480      | 8,743      | 9,223 |
|      | 2      | 480      | 8,735      | 9,215 |
| 2021 | 11     | 499      | 8,807      | 9,306 |
|      | 12     | 499      | 8,812      | 9,311 |
|      | 13     | 499      | 8,835      | 9,334 |

Fiscal Period Dates: January to April, 2016 to 2021

| Fiscal Year | Period Number |    | Period Start      | Period End        |
|-------------|---------------|----|-------------------|-------------------|
| 2015/2016   | 1             | 11 | January 2, 2016   | January 28, 2016  |
| 2015/2016   | 1             | 12 | January 29, 2016  | February 25, 2016 |
| 2015/2016   | 1             | 13 | February 26, 2016 | March 31, 2016    |
| 2016/2017   |               | 1  | April 1, 2016     | April 21, 2016    |
| 2016/2017   |               | 2  | April 22, 2016    | May 19, 2016      |
| 2016/2017   | 1             | 11 | December 30, 2016 | January 26, 2017  |
| 2016/2017   | 1             | 12 | January 27, 2017  | February 23, 2017 |
| 2016/2017   | 1             | 13 | February 24, 2017 | March 31, 2017    |
| 2017/2018   |               | 1  | April 1, 2017     | April 20, 2017    |
| 2017/2018   |               | 2  | April 21, 2017    | May 18, 2017      |
| 2017/2018   | 1             | 11 | December 29, 2017 | January 25, 2018  |
| 2017/2018   | 1             | 12 | January 26, 2018  | February 22, 2018 |
| 2017/2018   | 1             | 13 | February 23, 2018 | March 31, 2018    |
| 2018/2019   |               | 1  | April 1, 2018     | May 3, 2018       |
| 2018/2019   |               | 2  | May 4, 2018       | May 31, 2018      |
| 2018/2019   | 1             | 11 | January 11, 2019  | February 7, 2019  |
| 2018/2019   | 1             | 12 | February 8, 2019  | March 7, 2019     |
| 2018/2019   | 1             | 13 | March 8, 2019     | March 31, 2019    |
| 2019/2020   |               | 1  | April 1, 2019     | May 2, 2019       |
| 2019/2020   |               | 2  | May 3, 2019       | May 30, 2019      |
| 2019/2020   | 1             | 11 | January 10, 2020  | February 6, 2020  |
| 2019/2020   | 1             | 12 | February 7, 2020  | March 5, 2020     |
| 2019/2020   | 1             | 13 | March 6, 2020     | March 31, 2020    |
| 2020/2021   |               | 1  | April 1, 2020     | April 30, 2020    |
| 2020/2021   |               | 2  | May 1, 2020       | May 28, 2020      |
| 2020/2021   | 1             | 11 | January 8, 2021   | February 4, 2021  |
| 2020/2021   | 1             | 12 | February 5, 2021  | March 4, 2021     |
| 2020/2021   | 1             | 13 | March 5, 2021     | March 31, 2021    |