

Bed Management Dashboard Definitions and Methodology

The Daily Bed Census is collected by the Ministry of Health – Health Data Branch. More information on the Daily Bed Census is available here: <https://data.ontario.ca/dataset/bed-census-summary-bcs>

The Health System Insights dashboard visualizes the data that is collected by the Ministry of Health and is used to ensure a unified and consistent approach within Ontario Health.

Daily Bed Census Process Details:

- The Daily Bed Census represents the hospital Bed and Patient status as of 11:00 a.m. of the Census day. The data is submitted to the Ministry of Health prior to 3:00 p.m. daily.
- Compliance report are automatically generated and sent back to hospitals by the Ministry of Health between 3:30-4:00pm everyday.
- Every Wednesday hospitals have a resubmission window where the system allows users to edit/submit data for their previous week only (Sunday to Saturday) and make corrections.
- Additional data correction windows can be opened outside of the Wednesday resubmission window by contacting askhealthdata@ontario.ca
- The Daily Bed Census data is transferred from the Ministry of Health to Ontario Health to generate these Health System Insight Dashboard.

	Indicator	Definition Calculation/Methodology	Inclusion/Exclusion Criteria	Notes
Occupancy	Occupancy Rate (Overall)	Occupancy rate = [# of Patients admitted into conventional & unconventional space]/[# of Beds physically available and operational]	# of Beds physically available and operational excludes closed/blocked beds) Includes Acute Reactivation	
	Acute Occupancy Rate	Occupancy rate = [# of Acute Patients admitted into conventional & unconventional space]/[# of Acute Beds physically available and operational]	Excludes Reactivation, Bassinets and Bassinet ICU	
	Mental Health (MH) Occupancy Rate	Occupancy rate = [# of MH Patients admitted into conventional & unconventional space]/[# of MH Beds physically available and operational]		
	Complex Continuing Care (CCC) Occupancy Rate	Occupancy rate = [# of CCC Patients admitted into conventional & unconventional space]/[# of CCC Beds physically available and operational]	Includes CCC-LTV	
	General Rehab (GR) Occupancy Rehab	Occupancy rate = [# of GR Patients admitted into conventional & unconventional space]/[# of GR Beds physically available and operational]		
	Special Rehab (SR) Occupancy Rehab	Occupancy rate = [# of SR Patients admitted into conventional & unconventional space]/[# of SR Beds physically available and operational]		
	ICU Occupancy Rate	Occupancy rate = [# of ICU Patients admitted into conventional & unconventional space]/[# of ICU Beds physically available and operational]		
	Surgical & Combined Occupancy Rate	Occupancy rate = [# of Surgical and Combined Medical/Surgical Patients admitted into conventional & unconventional space]/[# of Surgical and Combined Medical/Surgical Beds physically available and operational]		
	Medical & Surgical & Combined Occupancy Rate	Occupancy rate = [# of Medical, Surgical and Combined Medical/Surgical Patients admitted into conventional & unconventional space]/[# of Medical, Surgical and Combined Medical/Surgical Beds physically available and operational]		

	Indicator	Definition Calculation/Methodology	Inclusion/Exclusion Criteria	Notes
Patients	Patients	Number of patients admitted		These are patients admitted in conventional and unconventional space
	Throughput	Throughput = Admissions – (Discharge +Death)		
	Discharges	Number of patients discharged	Includes sign-outs and transfer Excludes Deaths	
	Admits in ED	Admits in ED = [Admitted Patients in ED Conventional Space] + [Admitted Patients in ED Unconventional Space]		
	Patients in ED Conventional Space	[Admitted Patients in ED Conventional Space]		
	Patients in ED Unconventional Space	[Admitted Patients in ED Unconventional Space]		
	Patients in Unconventional Space (excl. ED)	[Admitted Patients in Unconventional Space but not in the ED]		
	Patients in other bed types (excl. ED)	A patient who is occupying the bed type not designated for the service needed		
Beds	Empty Beds	Empty Beds = [# of Beds physically available and operational] – [# of patients occupying the indicated bed type]	# of Beds physically available and operational excludes closed/blocked beds For Acute Empty Beds, it does not include Reactivation, Bassinets and Bassinets NICU	Sub bed type is not available Available at Site level only Negative empty bed values suggest a data entry error. The number of patients occupying a bed cannot exceed the number of physically available and operational beds
	Operational Beds	Number of beds in conventional spaces that are available for occupancy	Includes physical/budgeted, incremental/pandemic, and unbudgeted staffed Excludes Closed/Blocked Beds	Acute Operational Beds does not include Reactivation, Bassinets, and Bassinets NICU Operational Beds (All) include Acute Reactivation
	Conventional	Budgeted, staffed, and designated for the provision of care		
	Unconventional space	Unbudgeted beds, hallway beds that are staffed		
	Unbudgeted and Staffed beds	Number of Beds that are physically available and open and can be staffed but were not budgeted/planned as part of the operational budget at the beginning of the fiscal year		

	Indicator	Definition Calculation/Methodology	Inclusion/Exclusion Criteria	Notes
	Incremental Beds	Ministry-approved opened, and funded beds established over and above the hospital physical baseline beds to address occupancy surges in hospital due to flu, COVID-19 or other seasonal patient demands. These beds are also in place in Alternate Health Facilities (AHF).	For "All" incremental Beds, this includes Acute Reactivation	
	Closed/Blocked Beds	<p>Number of beds in a hospital setting which has physically available (exists) and that has been designated for the provision of care but it has been closed or blocked for reasons including but not limited to isolation (i.e., COVID or other infectious disease/outbreak/infection control), unable to staff (HHR challenges) and seasonal closures.</p> <p>Number of beds in conventional spaces that are closed or blocked and are not available for occupancy</p>	<p>Closed/Blocked beds are excluded from Conventional Spaces available</p> <p>For "All" Closed/Blocked Beds, this includes Acute Reactivation</p>	