Top 10 Reasons for hospitalization in BC hospitals

Filename   FOI HTH-2022-20786 Top 10 Reasons for Hospitalization.xlsm

Data source   1   Discharge Abstract Database

Extract date   2022-03-09

Notes

1. All hospitalizations at British Columbia hospitals are included. Hospitalizations of British Columbia residents at out-of-province hospitals are excluded.

2. Acute, Rehabilitation, and Psychiatric care levels are included (care_level in 'A','R','P')

3. The Hospital discharge date is used to determine the year of each hospitalization.

4. Cases discharged from hospital between January 1, 2015 and July 31, 2021 are included.

   Note that hospitalization data comes from the Discharge Abstract Database. Data is complete only to July 31, 2021 and all data for April 1, 2021 onwards is subject to change for corrections. Data beyond July 31, 2021 is considered incomplete with acknowledgement that additional records for submission are pending and are not included.

5. Top 10 reasons is grouped by the Case Mix Groups+ (CMG+). The CMG+ methodology is designed to aggregate acute care inpatients with similar clinical and resource-utilization characteristics.

   The group **Infectious/Parasitic Disease of Respiratory System** contains most COVID-19 hospitalizations. Some COVID-19 hospitalizations appear in other groups. Other conditions in the group **Infectious/Parasitic Disease of Respiratory System** are rare.

6. Abortion data is excluded.

7. Stillborn and cadaveric cases are excluded.

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Top 10 reasons for hospitalization in BC hospitals

January 1, 2015 - July 31, 2021

Top 10 reasons for hospitalization in BC hospitals		
Calendar year of hospital discharge	Reason (Case Mix Groups)	Number of hospitalizations
2015	Normal Newborn, Singleton Vaginal Delivery	19,892
2015	Vaginal Birth without Anaesthetic without Non-Major Obstetric/Gynecologic Intervention	12,675
2015	Chronic Obstructive Pulmonary Disease	10,145
2015	Normal Newborn Multiple/Caesarean Delivery	8,533
2015	Viral/Unspecified Pneumonia	8,228
2015	Heart Failure without Coronary Angiogram	7,572
2015	Unilateral Knee Replacement	7,275
2015	Symptom/Sign of Digestive System	6,337
2015	General Symptom/Sign	6,020
2015	Vaginal Birth with Anaesthetic and Non-Major Obstetric/Gynecologic Intervention	5,895
2016	Normal Newborn, Singleton Vaginal Delivery	20,064
2016	Vaginal Birth without Anaesthetic without Non-Major Obstetric/Gynecologic Intervention	12,228
2016	Chronic Obstructive Pulmonary Disease	9,888
2016	Normal Newborn Multiple/Caesarean Delivery	9,331
2016	Viral/Unspecified Pneumonia	8,547
2016	Unilateral Knee Replacement	7,964
2016	Heart Failure without Coronary Angiogram	7,759
2016	General Symptom/Sign	6,252
2016	Vaginal Birth with Anaesthetic and Non-Major Obstetric/Gynecologic Intervention	6,242
2016	Primary Caesarean Section, no induction	6,205
2017	Normal Newborn, Singleton Vaginal Delivery	20,093
2017	Vaginal Birth without Anaesthetic without Non-Major Obstetric/Gynecologic Intervention	11,235
2017	Chronic Obstructive Pulmonary Disease	10,560
2017	Normal Newborn Multiple/Caesarean Delivery	9,328
2017	Viral/Unspecified Pneumonia	9,121
2017	Unilateral Knee Replacement	8,321
2017	Heart Failure without Coronary Angiogram	7,845
2017	Vaginal Birth with Anaesthetic and Non-Major Obstetric/Gynecologic Intervention	6,729
2017	General Symptom/Sign	6,291
2017	Primary Caesarean Section, no induction	6,046
2018	Normal Newborn, Singleton Vaginal Delivery	19,395
2018	Vaginal Birth without Anaesthetic without Non-Major Obstetric/Gynecologic Intervention	10,526
2018	Unilateral Knee Replacement	10,471
2018	Chronic Obstructive Pulmonary Disease	9,883
2018	Normal Newborn Multiple/Caesarean Delivery	9,318
2018	Viral/Unspecified Pneumonia	9,050
2018	Heart Failure without Coronary Angiogram	8,164
2018	Unilateral Hip Replacement	6,961
2018	Vaginal Birth with Anaesthetic and Non-Major Obstetric/Gynecologic Intervention	6,738
2018	Substance Abuse with Other State	6,438
2019	Normal Newborn, Singleton Vaginal Delivery	18,981
2019	Unilateral Knee Replacement	10,706
2019	Vaginal Birth without Anaesthetic without Non-Major Obstetric/Gynecologic Intervention	9,853
2019	Normal Newborn Multiple/Caesarean Delivery	9,727
2019	Chronic Obstructive Pulmonary Disease	9,397
2019	Viral/Unspecified Pneumonia	8,940
2019	Heart Failure without Coronary Angiogram	8,142
2019	Unilateral Hip Replacement	6,963
2019	Vaginal Birth with Anaesthetic and Non-Major Obstetric/Gynecologic Intervention	6,951
2019	General Symptom/Sign	6,767
2020	Normal Newborn, Singleton Vaginal Delivery	17,707
2020	Normal Newborn Multiple/Caesarean Delivery	9,407
2020	Vaginal Birth without Anaesthetic without Non-Major Obstetric/Gynecologic Intervention	8,464
2020	Unilateral Knee Replacement	8,446
2020	Heart Failure without Coronary Angiogram	7,627
2020	Vaginal Birth with Anaesthetic and Non-Major Obstetric/Gynecologic Intervention	7,409

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Top 10 reasons for hospitalization in BC hospitals

January 1, 2015 - July 31, 2021

Top 10 reasons for hospitalization in BC hospitals		
Calendar year of hospital discharge	Reason (Case Mix Groups)	Number of hospitalizations
2020	Substance Abuse with Other State	7,055
2020	Chronic Obstructive Pulmonary Disease	6,763
2020	General Symptom/Sign	6,479
2020	Viral/Unspecified Pneumonia	6,351
January 1 - July 31, 2021	Normal Newborn, Singleton Vaginal Delivery	10,380
January 1 - July 31, 2021	Normal Newborn Multiple/Caesarean Delivery	5,761
January 1 - July 31, 2021	Unilateral Knee Replacement	5,737
January 1 - July 31, 2021	Vaginal Birth without Anaesthetic without Non-Major Obstetric/Gynecologic Intervention	4,890
January 1 - July 31, 2021	Heart Failure without Coronary Angiogram	4,782
January 1 - July 31, 2021	Infectious/Parasitic Disease of Respiratory System	4,623
January 1 - July 31, 2021	Substance Abuse with Other State	4,546
January 1 - July 31, 2021	Vaginal Birth with Anaesthetic and Non-Major Obstetric/Gynecologic Intervention	4,474
January 1 - July 31, 2021	General Symptom/Sign	4,048
January 1 - July 31, 2021	Unilateral Hip Replacement	4,001

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