

Hospitalizations resulting from pedestrian-related accidents and average cost

Calendar Years: 2014-2018

Filename CFR HTH-2020-05464

Data source 1 Discharge Abstract Data Base

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Notes

- 1 This report includes aggregate data for acute and rehab care level hospitalizations for patients treated at B.C. hospitals. Out-of-province treatments of B.C. residents are excluded, while treatments of non-residents of B.C. treated in B.C. facilities are included. (Hosp <> 997; care level in ('A', 'R')).
- 2 Hospitalizations with a diagnosis involving a traffic accident code were selected using ICD10-CA codes beginning with V
(Diagn in ('V021', 'V029', 'V031', 'V039', 'V041', 'V049', 'V092', 'V093', 'V099', 'V124', 'V125', 'V129', 'V134', 'V135', 'V139', 'V144', 'V145', 'V149', 'V174', 'V175', 'V179', 'V194', 'V195', 'V196', 'V199', 'V204', 'V205', 'V209', 'V214', 'V215', 'V219', 'V224', 'V225', 'V229', 'V234', 'V235', 'V239', 'V244', 'V245', 'V249', 'V254', 'V255', 'V259', 'V264', 'V265', 'V269', 'V274', 'V275', 'V279', 'V284', 'V285', 'V289', 'V294', 'V295', 'V296', 'V299', 'V305', 'V306', 'V307', 'V308', 'V309', 'V315', 'V316', 'V317', 'V319', 'V325', 'V326', 'V327', 'V329', 'V335', 'V336', 'V337', 'V339', 'V345', 'V346', 'V347', 'V349', 'V355', 'V356', 'V357', 'V359', 'V365', 'V366', 'V367', 'V369', 'V375', 'V376', 'V377', 'V379', 'V385', 'V386', 'V387', 'V389', 'V395', 'V396', 'V398', 'V399', 'V405', 'V406', 'V407', 'V409', 'V415', 'V416', 'V417', 'V419', 'V425', 'V426', 'V427', 'V429', 'V435', 'V436', 'V437', 'V439', 'V445', 'V446', 'V447', 'V449', 'V455', 'V456', 'V457', 'V459', 'V465', 'V466', 'V467', 'V469', 'V475', 'V476', 'V477', 'V479', 'V485', 'V486', 'V487', 'V489', 'V494', 'V495', 'V496', 'V498', 'V499', 'V505', 'V506', 'V507', 'V509', 'V515', 'V516', 'V517', 'V519', 'V525', 'V526', 'V527', 'V529', 'V535', 'V536', 'V537', 'V539', 'V545', 'V546', 'V547', 'V549', 'V555', 'V556', 'V557', 'V559', 'V565', 'V566', 'V567', 'V569', 'V575', 'V576', 'V577', 'V579', 'V585', 'V586', 'V587', 'V589', 'V594', 'V595', 'V596', 'V598', 'V599', 'V605', 'V606', 'V607', 'V609', 'V615', 'V616', 'V617', 'V619', 'V625', 'V626', 'V627', 'V629', 'V635', 'V636', 'V637', 'V639', 'V645', 'V646', 'V647', 'V649', 'V655', 'V656', 'V657', 'V659', 'V665', 'V666', 'V667', 'V669', 'V675', 'V676', 'V677', 'V679', 'V685', 'V686', 'V687', 'V689', 'V694', 'V695', 'V696', 'V698', 'V699', 'V705', 'V706', 'V707', 'V709', 'V715', 'V716', 'V717', 'V719', 'V725', 'V726', 'V727', 'V729', 'V735', 'V736', 'V737', 'V739', 'V745', 'V746', 'V747', 'V749', 'V755', 'V756', 'V757', 'V759', 'V765', 'V766', 'V767', 'V769', 'V775', 'V776', 'V777', 'V779', 'V785', 'V786', 'V787', 'V789', 'V794', 'V795', 'V796', 'V798', 'V799', 'V803', 'V804', 'V805', 'V811', 'V821', 'V830', 'V831', 'V832', 'V833', 'V840', 'V841', 'V842', 'V843', 'V850', 'V851', 'V852', 'V853', 'V860', 'V861', 'V862', 'V863', 'V870', 'V871', 'V872', 'V873', 'V874', 'V875', 'V876', 'V877', 'V878', 'V892', 'V899')).
- 3 Only pedestrian related accidents are included. These include all pedestrian related accidents (e.g. with a pedal bike, motor vehicle, train, other motorized vehicles and other non-motorized vehicles)
- 4 The total cost is an estimated cost calculated by applying the Cost of a Standard Hospital Stay (CSHS) applied to Resource Intensity Weights (RIW). RIW is a relative value measuring total patient resource use compared with average typical acute inpatients.
- 5 Cost of a Standard Hospital Stay (CSHS) is obtained from CIHI.
<https://yourhealthsystem.cihi.ca/hsp/inbrief?lang=en#/indicators/015/cost-of-a-standard-hospital-stay-cshs;/mapC1;mapLevel2;provinceC9001;/>
- 6 Years are reported as Calendar years (January 1 - December 31)

PAS

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PAS

Pedestrian-related accidents, number of Cases by calendar year (2014-2018), total RIW, total cost and average cost

Calendar Year	Number of cases	Total RIW	Total Cost	Average Cost
2014	577	2,035	\$11,864,395	\$20,562
2015	535	1,915	\$11,336,121	\$21,189
2016	593	1,869	\$11,333,239	\$19,112
2017	450	1,562	\$10,012,667	\$22,250
2018	517	1,708	\$11,040,443	\$21,355

Note: the physician costs are not included in the hospital costs; physician care compensation is reported in MSP.