

SUPPLEMENTARY TABLE S5. INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND RELATED HEALTH PROBLEMS, TENTH REVISION, CANADA (ICD-10-CA) USED TO DEFINE CONCUSSION, NECK INJURY, MECHANISM OF INJURY, INTENTION OF INJURY, AND SPORTS INJURY

Concussion	S06.0
Injuries to the neck	(S12–S17), S19
Case definitions used for mechanism of injury	
Fall	(W00–W19), X80, Y01, Y30
Struck by/against	(W20–W22), (W50–W52), X79, Y00, Y04, Y35.3, Y29
MVC	(V30–V79 [only 0.4–0.9]), (V81–V82 [only 0.1]), (V83–V86 [only 0.0–0.3]), (V20–V28 [only 0.3–0.9]), V29 (only 0.4–0.9), (V12–V14 [only 0.3–0.9]), V19 (only 0.4–0.6), (V02–V04 [only 0.1–0.9]), V09.2, V80 (only 0.3–0.5), V87 (only 0.0–0.8), V89.2
Other transportation	
Other pedal cycling	(V10, V11, V15, V16, V17, V18), (V12–V14 [only 0.0–0.2]), V19 (only 0.0–0.3, 0.8–0.9)
Other pedestrian	(V01, V05, V06), (V02–V04 [only 0.0–0.3]), V09 (only 0.0, 0.1, 0.3, 0.9)
Other land transport	(V20–V28 [only 0.0–0.2]), V29 (only 0.0–0.3), (V30–V79 [only 0.0–0.3]), V80 (only 0.0–0.2 and 0.6–0.9), (V81–V82 [not 0.1]), (V83–V86 [only 0.4–0.9]), V87.9, V88 (0.0–0.9), V89 (only in 0.0,0.1,0.3,0.9), X82, Y03, Y32
Other transport	(V90–V99), Y361, U011
Other	
E.g., drowning, fire/flare, and cut/pierce	All other injury-related ICD-10-CA codes
Case definitions used for intention of injury	
Unintentional	
Unintentional	(V01–X59), Y85, Y86
Undetermined	(Y10–Y34), Y87.2, Y89.9
Intentional	
Assault	(X85–Y09), Y87.1, (U01–U02)
Suicide	(X60–X84), Y87.0, U03
Legal/war	Y35, Y36, Y89.0–Y89.1
Case definitions used for sports injuries	
Baseball	W22.05, W51.05
Hit by ball	W21.00
Hit by bat	W21.01
Cycling	V10–V19
Fall involving rollerblade/scooter/skateboard	W02.02, W02.03, W02.08
Football/rugby	W22.03, W51.03
Hockey	W21.02, W21.03, W22.02, W51.02
Ice skates	W02.00
Playground equipment	W09
Pool and natural water swimming/diving/drowning	W16, (W67–W74)
Ski/snowboard	W02.01, W02.04, W22.00, W51.00
Soccer	W22.04, W51.04
Tobogganing	W22.01, W51.01
Recreational boating	(V90–V94 [only 0.2–0.8])
ATV/snowmobile	V86
Other sports-related injuries	W02.08, W21.08, W21.09, W22.07, W51.07

Notes on injury severity: Severity grouped into mild, moderate, and severe by ICD-10-CA code, as per Abbreviated Injury Scale (AIS). Injuries classified as Unknown occurred when ICD-10-CA code was not specific enough.