



Epidemiologist Request – Summary of Results

COMPLETED FOR: City of Saskatoon

DETAILS OF REQUEST:

The City of Saskatoon is looking for data on E-scooter injuries occurring in Saskatoon.

SUMMARY OF ANALYSIS:

Data for all Emergency Department Visits at Saskatoon hospitals (RUH, SPH and SCH) with the ICD-10-CA diagnosis code of W02.080 (falls involving electric (motorized) scooter) were analyzed.

SUMMARY OF RESULTS:

Note: To maintain privacy data cannot be reported for any category with 5 or less patients.

Data is available for E-scooter accidents from April to September for years 2022 and 2023, and April to July for 2024.

Summary Statistics

	April – September 2022	April – September 2023	April – July 2024
Total Number	19	91	53
% Female	<6	41.8%	43.4%
% Helmet Use Indicated*	52.6%	38.5%	41.5%

*Helmet use was not reported for all cases, this is a percentage of those where use (or lack of) was reported.

Additional information for April to August 2023:

- The majority of patients (60%) were aged 20-39.
- Patients were distributed relatively evenly across the networks (Saskatoon 1-5), with the highest proportion of cases from Saskatoon 4 (South).
- Emergency Department visits were distributed relatively evenly across days of the week and times of day.
- The majority of patients (88%) were assessed at CTAS scores of 3, 4 or 5, meaning their care ranged from urgent to non-urgent. (The Canadian Triage and Acute Scale (CTAS) is used to group patients based on severity of their condition, 1 is the most severe and 5 is non-urgent.)
- From the patients that indicated helmet use (41%), 40% indicated that they did wear a helmet.

DATA LIMITATIONS:

Data coding is not complete for August and September 2024, hence these months are not included in this analysis.

Safety | Accountability | Respect | Collaboration | Compassion

With a commitment to a philosophy of Patient and Family Centred Care