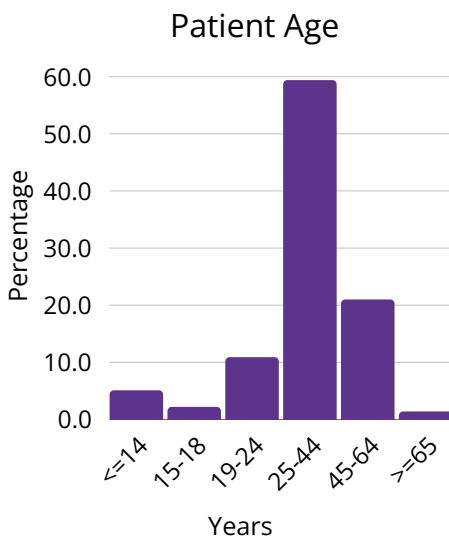


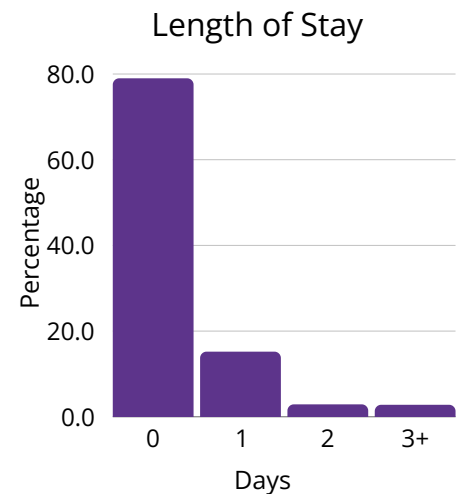
# E-Scooter Injury at UW Medicine

## Overview

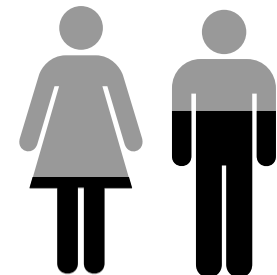
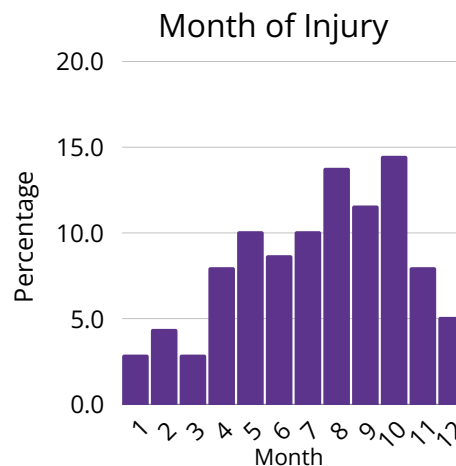
- Since starting in 2020, the rental e-scooter program in Seattle has grown significantly by over ten times in daily trips from 2020 to 2022<sup>1</sup>.
- The number of E-scooter related injuries has seen a sharp surge since the launch of the rental program, with 6 in 2018, 3 cases in 2020, 47 in 2021, and 82 in 2022, respectively, totalling 138 total cases recorded at UW-affiliated medical centers.
- 65.9% of injuries were treated in emergency departments and 6.5% were admitted to hospital.
- 87.0% of injuries were caused by falling, and 13.0% of injuries were collisions with motor vehicles or pedestrians.
- 76.8% of injuries occurred between April and October.
- 38.4% of injuries happened on weekends.
- 84.9% of injuries occurred from 6PM to 6AM.



3 in 4 of patients were not wearing helmets



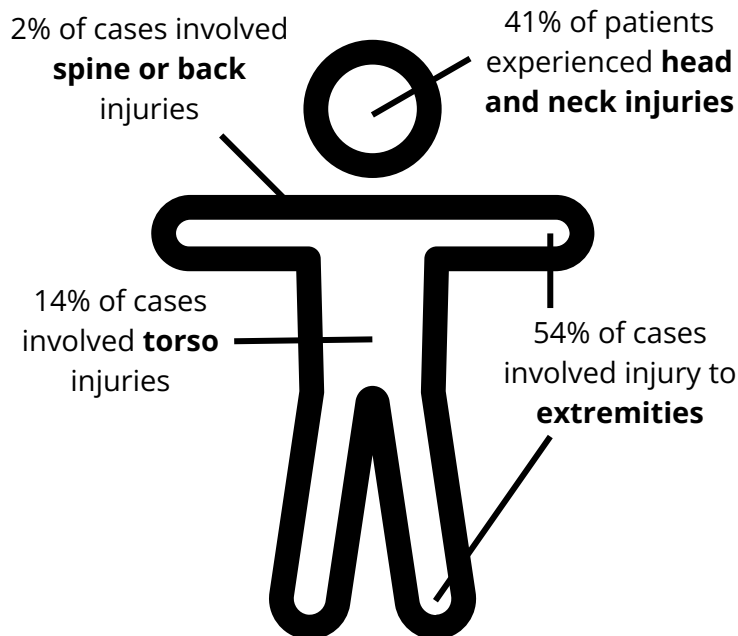
26 cases involved drinking alcohol and 7 involved substance use



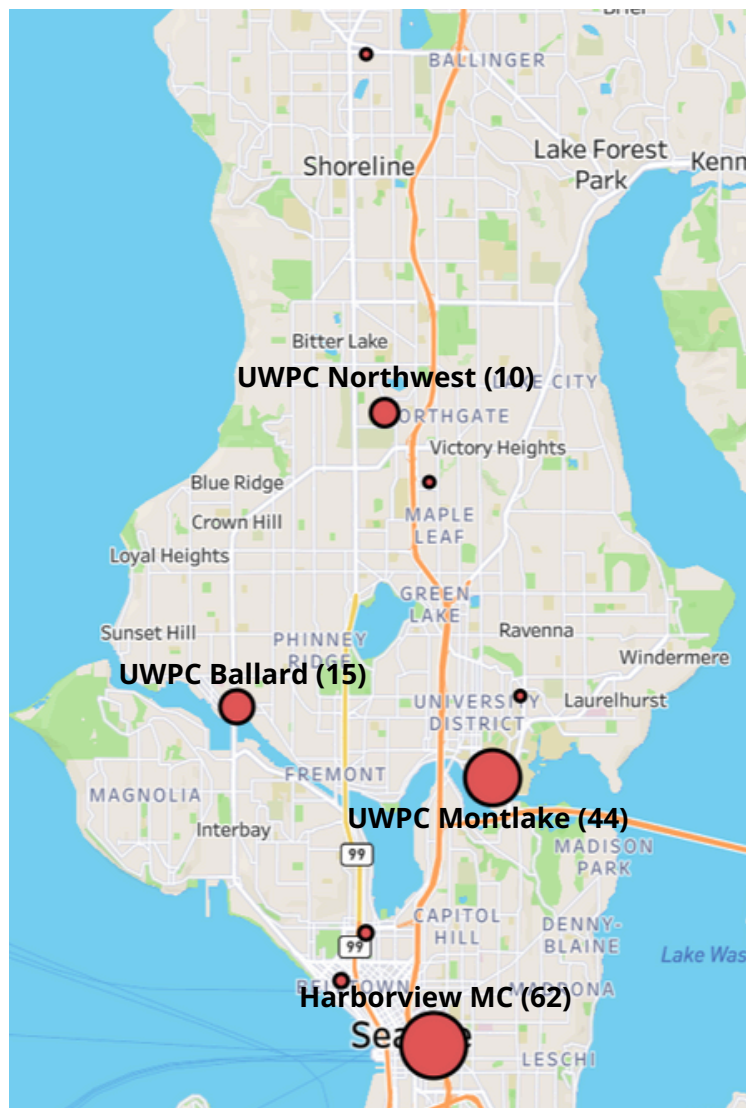
37% of cases were females and 63% were males

## Body Region of Injury

- Of the 57 cases of head and neck injuries, 19 (33.3%) were Traumatic Brain Injuries.
- Of the 75 cases of extremity injuries, 56 (74.7%) involved the upper extremities and 29 (38.7%) involved the lower extremities.
- 52.1% of unhelmeted patients experienced head/neck injuries compared to 43.8 % of those wearing a helmet.



## Treatment Location



## Preventive Measures



Avoid alcohol and substances before riding



Always wear a helmet to avoid head injuries



Always stay alert and remove distractions when riding



Follow all traffic laws and stay in the bike lane when possible



**TRAFFIC SAFETY COMMISSION**

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### References

<sup>1</sup><https://www.seattle.gov/transportation/projects-and-programs/programs/new-mobility-program/scooter-bike-share-data#linksuperpedestrianfeeds>