

Trauma in the Midland region 2018

Data drawn from the MTS trauma registry, admissions 2018 as at 1 April 2019

7047

Hospital admissions

19 admissions
every day



6105 events

5612 Non-major events (92%)

493 Major* events (8%)

*Major events = ISS > 12, Non-major events = ISS < 13, ISS: Injury Severity Score

Ethnicity

Incidence per 100,000

Māori: 685

Pacific Island: 510

Asian: 137

Other: 633

Population ethnicity adjusted (MoH 2018 Projections)
Midland resident events only

Gender

61.5% Male

38.5% Female

**Children and
older persons**

(Events)

0-14 years: 1157

65+ years: 1169

Road trauma



~47%

of Major trauma
due to on-road
transport crashes

Falls



~33%

of Non-major
events due to slips,
trips, and falls

Trauma continues to have a major impact on Midland communities. In 2018, over 6000 patients were admitted to hospital as a result of injury. Over 7000 hospital admissions resulted in almost 28,000 total bed days of treatment. The direct cost to Midland DHB hospitals is estimated at over \$47.5 million, the intangible cost to patients and their families is enormous.

**27,882
total bed days**

(Average)



Length of stay = 3.95 days

Non-major = 3.49 days

Major = 8.89 days



NZ\$47.5 million

Approximate direct cost
to Midland DHBs in 2018

(Based on 97% patients costed)

Non-major: NZ\$36.54 million

Major: NZ\$10.94 million

**Mortality
0.87%**

Case Fatality Rate
(all events)

Non-major = 0.19%

Major = 8.5%

(NZ National CFR Majors, range = 7-11)

Time in ED

(Average)

0-14 years: 242 mins

15-64 years: 284 mins

65+ years: 341 mins

Older persons (65+ years) spend
a significantly longer time on average
in the Emergency Department before
admission (Major and Non-major)

MTS continues to put patients first. By providing a regional network of clinical specialists, MTS is committed to giving Midland communities the highest quality trauma care possible.