

## Output: data report for Midland region

\\waikato.health.govt.nz\data\DriveMaps\Data04\Misc\Midland Trauma System\Data\Output\Reports\Summary\Midland.xlsx

Last reported admission date: 30/06/2018

	2016 Qtr3	2016 Qtr4	2017 Qtr1	2017 Qtr2	2017 Qtr3	2017 Qtr4	2018 Qtr1	2018 Qtr2
Admission dates	Jul-Sep 2016	Oct-Dec 2016	Jan-Mar 2017	Apr-Jun 2017	Jul-Sep 2017	Oct-Dec 2017	Jan-Mar 2018	Apr-Jun 2018

### Trauma characteristics

<b>Admissions</b>	1635	1927	2012	1696	1618	2033	1819	1613
<b>Total acute bed days</b>	7073	7295	7838	5731	6263	7570	7249	6279
<b>Total ICU Hours</b>	4255	8518	5713	3283	5236	5491	5568	5296
<b>Inward transfers</b>	222	252	318	253	227	299	261	239
<b>Outward transfers</b>	251	267	323	273	253	353	284	248

### Case severity (ISS)

1-4	1135	1324	1455	1234	1149	1424	1280	1155
5-12	374	468	431	330	321	453	393	331
13-25	92	107	90	94	112	139	123	101
> 25	34	28	36	38	36	17	23	25

### Major trauma indicators

<b>Alcohol test rate</b>	58%	56%	67%	52%	53%	44%	49%	52%
<b>Trauma call ratio</b>	52%	58%	62%	47%	51%	43%	53%	49%
<b>Tertiary Survey rate (Major)</b>	22%	25%	25%	28%	25%	21%	24%	25%
<b>Case fatality rate (major)</b>	9.5%	10.4%	5.6%	9.1%	8.8%	5.8%	9.6%	10.3%
<b>Minutes to CT (GCS &lt; 13)</b>	46	60	90	68	55	49	53	55
<b>Minutes to first facility</b>								
<b>Non-major</b>	358	326	365	432	449	432	559	547
<b>Major</b>	157	156	294	264	254	255	297	418

Ethnicity mix	Admits	Percent	Incidence	cf. others	Discharge disposition	
European	9143	64%	771	1.00	Home	10936 76%
Maori	4166	29%	1093	1.00	Acute Care Facility	2247 16%
Other	657	5%	525	1.00	Rehabilitation	430 3%
Pacific	360	3%	714	1.00	Convalescence	159 1%
(blank)		0%			Self-discharge	122 0.8%
Midland region	14353	all ethn:	824	1.00	Other	459 3%

ISS < 13 is non-Major trauma, ISS > 12 is Major trauma.

Time to CT in this report is limited to patients with GCS < 13.

Alcohol and trauma calls: aim for trauma calls > 80%. Trauma call ratio counts successful and missed calls; the denominator is a count of major trauma cases.

Case fatality rate is the total number of trauma deaths divided by the number of major trauma cases.

Tertiary survey rate: all major trauma cases should have a tertiary survey - a complete physical examination after the acute phase of injury to determine whether or not there are other injuries.

Target is 100% compliance.

Minutes to first facility is the average number of minutes from Trauma event to first ED arrival. Only first hospitalisation is counted.

Ethnicity mix: population is based on StatsNZ DHB spreadsheet, 2013 data. Percent is the trauma admission percent by ethnic group. Incidence: per 100,000 persons per year.

