

Figure 1: Study population.

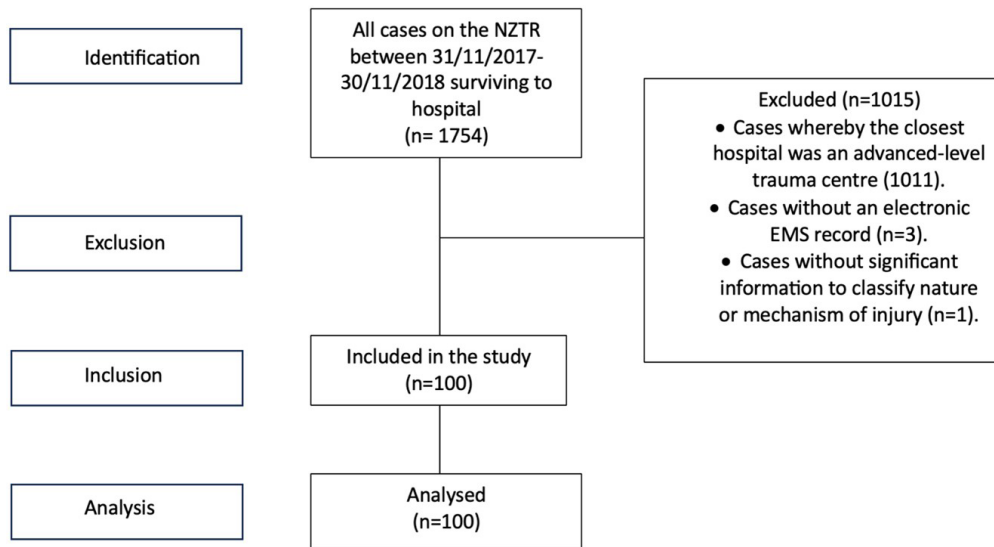


Table 1: Overall adherence to the Major Trauma Destination Policy (n=100).

Appropriate trauma facility	Total	Adherence to MTDP n (%)
Nearest hospital—low severity injury	34	34 (100)
Mid-level trauma hospital	43	42 (97.7)
Advanced-level trauma centre	13	8 (61.5)
Nearest hospital—unstable	10	10 (100)
Total	100	94 (94)

Table 2: Characteristics of audit cases and adherence rates by criteria (n=100).

Variable	n	n (%)
Age (years)		
0–14	3	2 (66.7)
15–64	70	65 (92.9)
65+	27	27 (100)
Sex		
Male	68	62 (91.2)
Female	32	32 (100)
Ethnicity		
Māori	32	28 (87.5)
Non-Māori	68	66 (97.1)

Table 3: Characteristics of audit cases—percent adherence by criteria (n=100).

Variable	n	Adherence to MTDP n (%)
Injury Severity Score		
<25	70	65 (92.9)
25–49	27	26 (96.3)
>49	3	3 (100)
Clinical status at scene*		
No threat to life	1	1 (100)
Unlikely threat to life	36	36 (100)
Potential threat to life	49	46 (93.9)
Immediate threat to life	14	11 (78.6)
Clinical status final*		
No threat to life	2	2 (100)
Unlikely threat to life	37	37 (100)
Potential threat to life	43	39 (90.7)
Immediate threat to life	18	16 (88.9)
Scene Glasgow Coma Score—Motor		
1–2	5	5 (100)
3–4	4	3 (75)
5–6	84	80 (95.2)
Missing	7	6 (85.7)
Scene Glasgow Coma Score—Total		
3–5	5	5 (100)
6–12	9	7 (77.8)
13–15	79	76 (96.2)
Missing	7	6 (85.7)

Table 3 (continued): Characteristics of audit cases—percent adherence by criteria (n=100).

Hospital Glasgow Coma Score—Motor 1		
1–2	6	6 (100)
3–4	3	3 (100)
5–6	81	75 (92.6)
Missing	10	10 (100)
Hospital Glasgow Coma Score—Total 1		
3–5	9	9 (100)
6–12	6	5 (83.3)
13–15	80	75 (93.8)
Missing	5	5 (100)
Responsiveness		
Alert	84	80 (95.2)
Voice	6	5 (83.3)
Pain	3	3 (100)
Unresponsive	5	4 (80)
Missing	2	2 (100)
Airway status		
Patent (clear)	95	89 (93.7)
Partially obstructed	3	3 (100)
Missing	2	2 (100)
Breathing status		
Effective	93	87 (93.5)
Ineffective	5	5 (100)
Missing	2	2 (100)
Mechanism of injury		
Motor vehicle incident**	57	53 (93.0)
Fall	29	28 (96.6)
Other***	14	13 (92.9)
Nature of injury		
Fractures (excluding skull)	45	44 (97.8)

Table 3 (continued): Characteristics of audit cases—percent adherence by criteria (n=100).

Skull fracture	2	2 (100)
Intracranial injury/TBI/concussion	30	28 (93.3)
Intra-abdominal injury	4	2 (50)
Intrathoracic injury	5	5 (100)
Multisystem injury	3	3 (100)
Spinal cord injury	4	3 (75)
Other****	7	7 (100)

*Clinical status at scene derived from the triage status at the scene, with triage status 1,2,3,4 correlating to immediate, potential, unlikely and no threat to life, respectively.

**Including road traffic incidents, off-road vehicle incidents, incidents involving a pedestrian.

***Includes animal attack/bite (n=2), assault (n=2), collapse (n=6), water sports (n=2), felling a tree, (n=1) unspecified (n=1).

****Includes contusion (n=1), nausea and vomiting (n=1), traumatic amputation (n=1), crush injury (n=2), traumatic pneumothorax (n=1), soft tissue injury to eye (n=1).