### Table 2: Hospitalisation and health service characteristics by severity of traumatic brain injury in Te Manawa Taki residents (2012–2019).

<table>
<thead>
<tr>
<th>Total number (%)</th>
<th>Mild</th>
<th>Moderate</th>
<th>Severe</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4,875</td>
<td>1,705 (35.0)</td>
<td>1,806 (37.1)</td>
<td>740 (15.2)</td>
</tr>
<tr>
<td>Isolated traumatic brain injury</td>
<td>1,067 (21.9)</td>
<td>556 (32.6)</td>
<td>322 (17.8)</td>
</tr>
<tr>
<td>Major injury (ISS≥13)</td>
<td>1,309 (26.9)</td>
<td>84 (4.9)</td>
<td>300 (16.6)</td>
</tr>
</tbody>
</table>

### Proportion of TBI to ISS (%)

- **Mean (SD)**: 66.1 (29.9) | 57.0 (34.1) | 65.1 (27.1) | 76.7 (23.2) | 78.5 (20.8) | 85.5 (17.7) | -
- **Median (IQR)**: 75.8 (55.6) | 50.0 (80.0) | 80.0 (35.6) | 90.0 (25.7) | 88.9 (30.7) | 96.2 (25.9) | -
- **Did not survive**: 181 (3.7) | 2 (0.1) | 16 (0.9) | 29 (3.9) | 43 (11.8) | 89 (34.5) | 2 (100.0) |
- **Intensive care admission**: 727 (14.9) | 61 (3.6) | 163 (9.0) | 181 (24.5) | 176 (48.4) | 146 (56.6) | 0 (0.0) |

### Surgery

- **Any surgery**: 1,244 (25.5) | 299 (17.5) | 479 (26.5) | 227 (30.7) | 130 (35.7) | 108 (41.9) | 1 (50.0) |
- **Brain surgery**: 170 (3.5) | 0 (0.0) | 3 (0.2) | 39 (5.3) | 41 (11.3) | 87 (33.7) | 0 (0.0) |

### Length of hospital stay (days)

- **Mean (SD)**: 5.8 (9.3) | 3.1 (4.5) | 4.9 (7.6) | 8.4 (11.5) | 12.8 (13.4) | 13.0 (15.8) | -
- **Median (IQR)**: 2.0 (5.0) | 2.0 (2.0) | 2.0 (4.0) | 4.0 (7.3) | 8.0 (13.0) | 8.0 (13.0) | -
- **Specialised rehabilitation (survived)**: 320 (6.8) | 10 (0.6) | 44 (2.5) | 93 (13.1) | 99 (30.9) | 74 (43.8) | 0 (0.0) |
- **Acquired brain injury service**: 301 | 8 | 38 | 89 | 96 | 70 | 0 |
- **Spinal service**: 10 | 2 | 5 | 2 | 1 | 0 | 0 |
- **Paediatric service**: 9 | 0 | 1 | 2 | 2 | 4 | 0 |

LOC, loss of consciousness.