<table>
<thead>
<tr>
<th>Activity</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>247 MC riders</td>
<td>Farm</td>
</tr>
<tr>
<td>3 yr male</td>
<td>Home</td>
</tr>
<tr>
<td>youngest rider</td>
<td>Rec Area</td>
</tr>
<tr>
<td>23 passengers</td>
<td>Sports</td>
</tr>
</tbody>
</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Farm</td>
<td>109</td>
</tr>
<tr>
<td>Home</td>
<td>55</td>
</tr>
<tr>
<td>Rec Area</td>
<td>30</td>
</tr>
<tr>
<td>Sports</td>
<td>19</td>
</tr>
<tr>
<td>Road</td>
<td>7</td>
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</tbody>
</table>
Admissions

- 66 patients admitted
- 59 male, 7 female
- 64 MC riders, 2 passengers
Age distribution

- Male
- Female
Mechanism injury

- Falls 35
- Collisions bike 10
- Jump 9
- Stationary object 8

- Farms 37
- Rec. Area 18
- Home 8
- Sports 3
Referral

- 32 Patients referred
- 34 Direct present
- 34 Private car
- 31 Ambulance
- 1 Retrieval

Service

- Ortho 44
- General Surg. 19
- Other 3
Injuries

- Head/neck 5
- Face 1
- Chest 1
- Abdo/pelvis 5
- Extremities 42
- External 22
Limb Injuries

- Humerus 8
  - ORIF 4
- Forearm 18
  - Closed reduction 15
- Femur 5
  - Traction 4
- Tib/fib 10
  - ORIF 3
- Hand/Foot 4
Helmets

- Worn: 39
- Not worn: 8
- Not Recorded: 19
Outcomes

- Average LOS: 4 days
- Range: 1-84 days
- Median: 2 days
- Transferred to other hosp: 4
Conclusions

- Large number of young children injured.
- Most injuries from farm use motorbikes
- Significant workload to the hospital in bed stay, operating theatre time and outpatient facilities.
Conclusions

- Helmet use 60%
- Relatively minor injuries
- Lack public awareness of impact of "underage" motorcycle use.
Aims

- To expand on data initially presented by Dr Allan Kerrigan from 1999.
- Study trends in presentations of childhood motorcycle injury.
- Assess the impact of childhood MC injuries on OBH.
Methods

- Patients identified from Orange Base Hospital EDIS.
- Review of prospectively acquired data from ED
- Retrospective chart review of all admissions
Patients

- Patients aged less than 15 yrs.
- All presentations to ED following motorcycle injuries
- April 1998 to May 2005
Results

- 270 presentations
- 251 patients
  - 13 patients presented 2 times
  - 3 patients presented 3 times
- Age range 2 - 14 yrs
- 228 males, 42 females
- 204 treated and discharged
- 66 (24%) admitted to OBH