

Alder Hey Children's Hospital Emergency Department Monthly Bulletin: April 2011 to March 2012

This bulletin provides a breakdown of injury attendances to Alder Hey Children's Hospital Emergency Department (ED) between April 2011 and March 2012.

Between April 2011 and March 2012 there were 20,654 ED injury attendances. The peak month for injury attendance was May (n=2,086), with December (n=1,098) accounting for the fewest. For each month there were more male (58%) injury attendances than female presenting at Alder Hey ED; patients aged 10 to 14 years (36%) were the largest age group of injury attendances (Figures 1 and 2).

The majority (92%) of injury attendances between April 2011 and March 2012 were recorded as other injury. This can cover incidents such as a body injury or laceration (Table 1).

Table 2 illustrates the location where other injuries occurred. Over two-fifths of injuries occurred in the home (44%), whilst 18% occurred in a public place and 18% in an education establishment.

Table 3 illustrates the discharge method of injury attendances. Two-thirds (66%) of all injury attendances were discharged.

There were 285 assault attendees presenting at Alder Hey Children's Hospital ED between April 2011 and March 2012; these were mainly male (64%) and aged between 10 to 14 years (57%). The primary location of assaults was recorded as a public place (46%).

Figure 1: Gender of injury attendances by month, April 2011 to March 2012

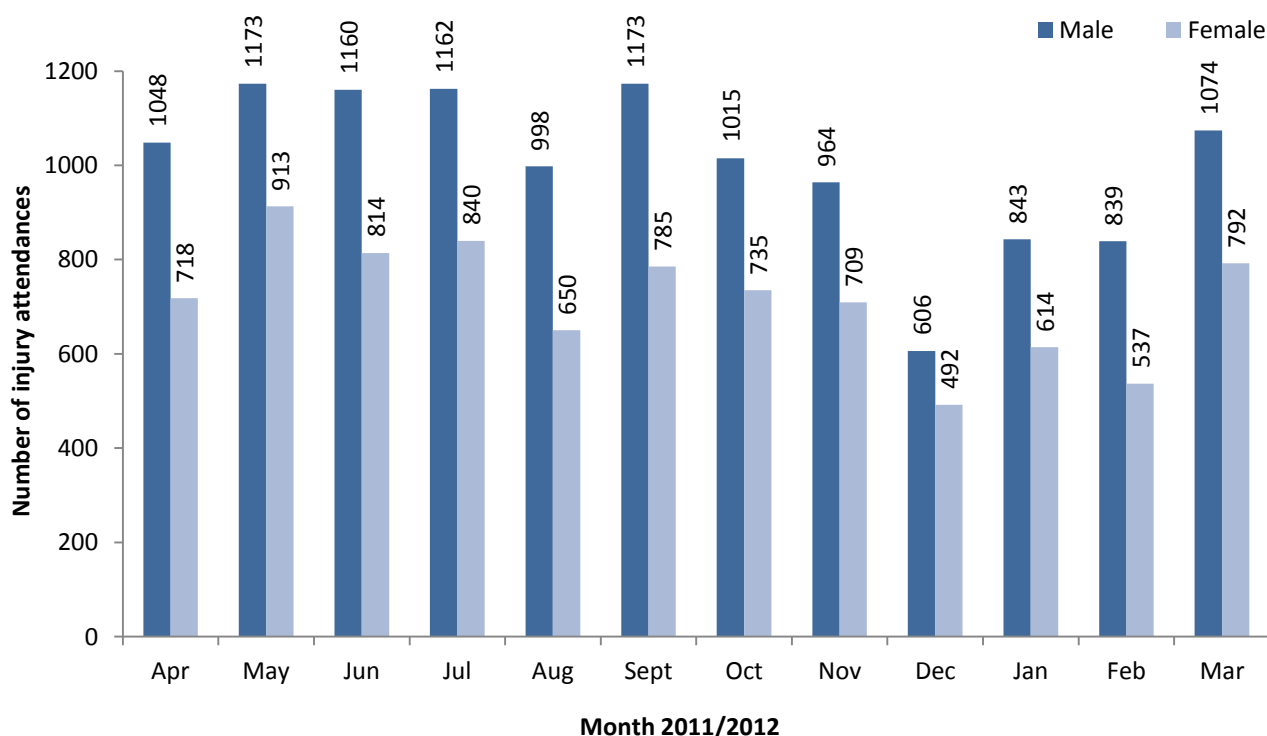


Figure 2: Age group of injury attendances by month, April 2011 to March 2012

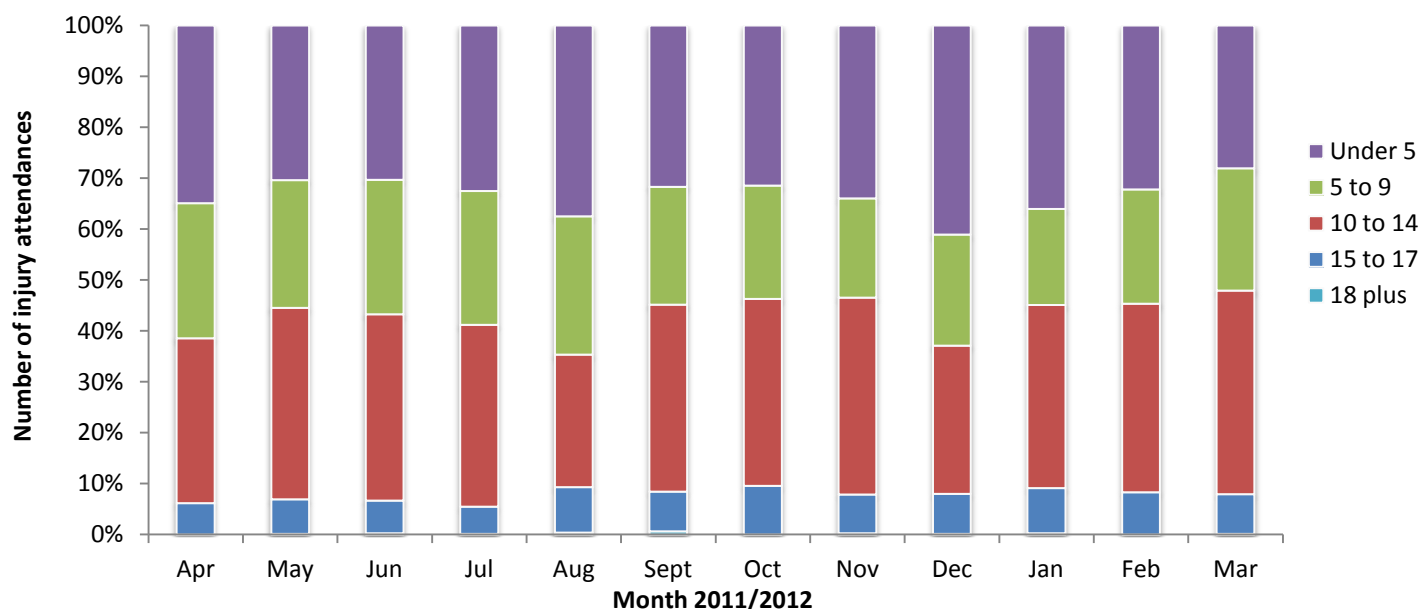


Table 1: Injury attendances by injury group, April 2011 to March 2012¹

| Injury Group | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | Total | % |
|---------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------|
| Other | 1643 | 1941 | 1819 | 1883 | 1464 | 1803 | 1592 | 1555 | 987 | 1353 | 1269 | 1746 | 19055 | 92 |
| Maxillary/facial | 26 | 28 | 32 | 29 | 52 | 35 | 36 | 36 | 32 | 21 | 28 | 27 | 382 | 2 |
| Trauma - road traffic collision | 30 | 31 | 39 | 23 | 39 | 35 | 30 | 32 | 30 | 22 | 21 | 27 | 359 | 2 |
| Trauma - assault | 27 | 38 | 26 | 23 | <18 | 26 | 34 | 21 | <8 | 23 | 21 | 22 | 285 | 1 |
| Ingestion - accidental | 18 | 15 | 27 | 22 | 23 | 27 | 28 | 13 | 16 | 17 | 17 | 16 | 239 | 1 |
| Bite/sting | 14 | 17 | 19 | 16 | 30 | 13 | 19 | 9 | 14 | <8 | 9 | 10 | 177 | 1 |
| Ingestion - deliberate | <9 | <13 | <11 | *** | 21 | 11 | <10 | <7 | 8 | 13 | <7 | 10 | 120 | 1 |
| Trauma – self inflicted | *** | *** | *** | *** | *** | 8 | *** | *** | *** | *** | *** | 8 | 37 | 0 |
| Total | 1766 | 2086 | 1974 | 2002 | 1648 | 1958 | 1750 | 1673 | 1098 | 1457 | 1376 | 1866 | 20654 | 100 |

Table 2: Other injury attendances by location of incident, April 2011 to March 2012

| Other injury location | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | Total | % |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|--------------|------------|
| Home | 740 | 873 | 773 | 765 | 732 | 735 | 686 | 659 | 554 | 650 | 547 | 651 | 8365 | 44 |
| Public place | 401 | 371 | 387 | 403 | 391 | 325 | 254 | 186 | 122 | 158 | 178 | 298 | 3474 | 18 |
| Education establishment | 145 | 369 | 350 | 287 | 16 | 314 | 292 | 404 | 156 | 317 | 276 | 434 | 3360 | 18 |
| Sport | 152 | 136 | 125 | 149 | 99 | 173 | 162 | 135 | 48 | 78 | 110 | 156 | 1523 | 8 |
| Other | 112 | 125 | 109 | 161 | 129 | 128 | 106 | 113 | 73 | 92 | 113 | 96 | 1357 | 7 |
| Street | 19 | 8 | 15 | 34 | 34 | 47 | 21 | 15 | 7 | 13 | 10 | 34 | 257 | 1 |
| Playground | 38 | 20 | 16 | 34 | 22 | 34 | 16 | <11 | *** | 12 | 14 | 32 | 250 | 1 |
| Indoors | 15 | 14 | 19 | 20 | 17 | 19 | 21 | 15 | 13 | 15 | 6 | 20 | 194 | 1 |
| Road traffic collision | 10 | 12 | 9 | 15 | 14 | 13 | 22 | 14 | 9 | 13 | 11 | 18 | 160 | 1 |
| Hospital | *** | *** | 6 | *** | *** | 7 | 5 | *** | *** | *** | *** | *** | 45 | 0 |
| Bouncy castle | 5 | 5 | 5 | 9 | *** | *** | *** | *** | *** | *** | *** | *** | 39 | 0 |
| Semi public party | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | 19 | 0 |
| Leisure park | *** | 5 | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | 12 | 0 |
| Total | 1643 | 1941 | 1819 | 1883 | 1464 | 1803 | 1592 | 1555 | 987 | 1353 | 1269 | 1746 | 19055 | 100 |

¹ Please note that in all tables all numbers less than five have been suppressed in line with patient confidentiality and if there is only one number less than five in a category then two numbers will be suppressed at the next level (e.g. <6) in order to prevent back calculations from totals.

Table 3: Injury attendances by discharge method, April 2011 to March 2012

| Discharge method | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | Total | % |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------|
| Home/discharged | 1045 | 1292 | 1238 | 1354 | 1119 | 1319 | 1159 | 1131 | 736 | 982 | 977 | 1323 | 13675 | 66 |
| Fracture clinic - Alder Hey | 239 | 254 | 290 | 247 | 147 | 228 | 177 | 172 | 89 | 147 | 121 | 192 | 2303 | 11 |
| Re-dressing clinic | 170 | 197 | 161 | 158 | 116 | 165 | 153 | 135 | 87 | 137 | 113 | 143 | 1735 | 8 |
| General Practitioner | 96 | 123 | 53 | 18 | 40 | 43 | 53 | 59 | 38 | 31 | 26 | 15 | 595 | 3 |
| Other | 35 | 58 | 48 | 59 | 49 | 55 | 46 | 44 | 32 | 30 | 26 | 41 | 523 | 3 |
| ED observation area | 46 | 33 | 43 | 28 | 29 | 22 | 24 | 17 | 19 | 33 | 34 | 30 | 358 | 2 |
| Admitted to orthopaedic | 25 | 20 | 27 | 31 | 21 | 23 | 20 | 25 | 11 | 14 | 12 | 21 | 250 | 1 |
| Outpatient other | 24 | 28 | 19 | 21 | 27 | 20 | 25 | 19 | 11 | 19 | 16 | 19 | 248 | 1 |
| Admitted other | 11 | 18 | 11 | <10 | 25 | 26 | 24 | 14 | 16 | 9 | *** | 19 | 186 | 1 |
| Admitted plastics | 17 | <9 | 17 | 22 | 22 | 12 | 22 | 8 | 13 | 13 | *** | 20 | 178 | 1 |
| Community nurse, health visitor, district nurse, midwife | 11 | 13 | 14 | 9 | 11 | 9 | 12 | <8 | <8 | 11 | 11 | *** | 119 | 1 |
| Plastic surgery | 12 | 8 | 10 | 15 | 9 | 9 | 6 | 8 | 8 | 5 | 6 | 14 | 110 | 1 |
| Maxillary/facial | 11 | 6 | 11 | 16 | 9 | 5 | 9 | 14 | 8 | 7 | 7 | 5 | 108 | 1 |
| Ear nose and throat - out patient department | 7 | 6 | 6 | *** | 5 | 7 | 5 | 7 | 5 | 6 | *** | *** | 63 | 0 |
| Left before treatment | 5 | *** | 6 | *** | *** | 5 | 5 | *** | 10 | 6 | 7 | 8 | 61 | 0 |
| Central admissions | 6 | 7 | 8 | 6 | 6 | 5 | *** | 5 | *** | *** | *** | *** | 52 | 0 |
| Surgical or medical follow-up | *** | 8 | 9 | *** | 6 | *** | *** | *** | *** | *** | *** | *** | 45 | 0 |
| Refer to other hospital | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | 24 | 0 |
| Dentist (own) | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | 21 | 0 |
| Total | 1766 | 2086 | 1974 | 2002 | 1648 | 1958 | 1750 | 1673 | 1098 | 1457 | 1376 | 1866 | 20654 | 100 |

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