Bed occupancy for admissions aged less than 16 years, 2009/10

Question

What was the bed occupancy for admissions aged less than 16 years to all adult, general critical care units in England, Wales and Northern Ireland participating in the Case Mix Programme (CMP) during 2009/10 financial year?

Available data for report

97,689 admissions to 188 adult, general critical care units
1 April 2009 – 31 March 2010

Selection of Cases

All admissions to adult, general critical care units (i.e. excluding admissions to specialist critical care units or standalone high dependency units) that were participating in the CMP from 1 April 2009 – 31 March 2010 were included in the analysis.

Definitions for variables included

Age was calculated as the age in whole years at the point of admission to the critical care unit.

Child bed occupancy was defined as the proportion of critical care unit bed days occupied by those admissions aged less than 16 years. It was calculated from unit length of stay (based on date and time of admission and time and date of death/discharge).

Results

Overall 466 (0.1%) bed days were occupied by admissions less than 16 years to all adult, general critical care units in England, Wales and Northern Ireland participating in the Case
Mix Programme in 2009/10. Figure 1 and Table 1 show the distribution of these by unit: 64 units had no admissions under 16 years, and no unit had more than 1% of critical care unit bed days occupied by those admissions aged less than 16 years.

Figure 1: Bed occupancy for admissions aged less than 16 years to all adult, general critical care units in England, Wales and Northern Ireland, 2009/10

Table 1: Bed occupancy for admissions aged less than 16 years to all adult, general critical care units in England, Wales and Northern Ireland, 2009/10

<table>
<thead>
<tr>
<th>Percentage of total bed occupancy used by admission less than 16 years</th>
<th>Number of units (%) [N]</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 %</td>
<td>64 (34.0) [188]</td>
</tr>
<tr>
<td>0 – 0.25 %</td>
<td>97 (51.6) [188]</td>
</tr>
<tr>
<td>0.25 – 0.5 %</td>
<td>22 (11.7) [188]</td>
</tr>
<tr>
<td>0.5 – 0.75 %</td>
<td>2 (1.1) [188]</td>
</tr>
<tr>
<td>0.75 – 1 %</td>
<td>3 (1.6) [188]</td>
</tr>
</tbody>
</table>

N: total number of units

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Source: Case Mix Programme Database
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Acknowledgement

Please acknowledge the source of these data in all future presentations (oral and/or written), as follows:

“These data derive from the Case Mix Programme Database. The Case Mix Programme is the national, comparative audit of patient outcomes from adult critical care coordinated by the Intensive Care National Audit & Research Centre (ICNARC). These analyses are based on data for 97,689 admissions to 188 adult, general critical care units based in NHS hospitals geographically spread across England, Wales and Northern Ireland. For more information on the representativeness and quality of these data, please contact ICNARC.”