**Supplemental Table 2** Heatwave (HW) days and the total number of deaths in three cities (1988 – 2009)

<table>
<thead>
<tr>
<th>City</th>
<th>HWD&lt;sup&gt;a&lt;/sup&gt;</th>
<th>1988 - 2009</th>
<th>HW days</th>
<th>Total deaths</th>
<th>HW days in each months</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brisbane</td>
<td>90%</td>
<td>Early summer&lt;sup&gt;b&lt;/sup&gt;</td>
<td>71</td>
<td>1,615</td>
<td>45 in December, 65 in January</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late summer&lt;sup&gt;c&lt;/sup&gt;</td>
<td>82</td>
<td>2,073</td>
<td>and 43 in February</td>
</tr>
<tr>
<td></td>
<td>95%</td>
<td>Early summer&lt;sup&gt;b&lt;/sup&gt;</td>
<td>31</td>
<td>733</td>
<td>19 in December, 29 in January</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late summer&lt;sup&gt;c&lt;/sup&gt;</td>
<td>39</td>
<td>1,093</td>
<td>and 22 in February</td>
</tr>
<tr>
<td></td>
<td>99%</td>
<td>Early summer&lt;sup&gt;b&lt;/sup&gt;</td>
<td>6</td>
<td>168</td>
<td>3 in December, 5 in January</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late summer&lt;sup&gt;c&lt;/sup&gt;</td>
<td>5</td>
<td>205</td>
<td>and 3 in February</td>
</tr>
<tr>
<td>Melbourne</td>
<td>90%</td>
<td>Early summer&lt;sup&gt;b&lt;/sup&gt;</td>
<td>49</td>
<td>2,734</td>
<td>25 in December, 51 in January</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late summer&lt;sup&gt;c&lt;/sup&gt;</td>
<td>79</td>
<td>4,597</td>
<td>and 52 in February</td>
</tr>
<tr>
<td></td>
<td>95%</td>
<td>Early summer&lt;sup&gt;b&lt;/sup&gt;</td>
<td>19</td>
<td>1,098</td>
<td>7 in December, 23 in January</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late summer&lt;sup&gt;c&lt;/sup&gt;</td>
<td>37</td>
<td>2,152</td>
<td>and 26 in February</td>
</tr>
<tr>
<td></td>
<td>99%</td>
<td>Early summer&lt;sup&gt;b&lt;/sup&gt;</td>
<td>0</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late summer&lt;sup&gt;c&lt;/sup&gt;</td>
<td>4</td>
<td>333</td>
<td>4 in January</td>
</tr>
<tr>
<td>Sydney</td>
<td>90%</td>
<td>Early summer&lt;sup&gt;b&lt;/sup&gt;</td>
<td>54</td>
<td>3,592</td>
<td>21 in December, 59 in January</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late summer&lt;sup&gt;c&lt;/sup&gt;</td>
<td>64</td>
<td>3,914</td>
<td>and 38 in February</td>
</tr>
<tr>
<td></td>
<td>95%</td>
<td>Early summer&lt;sup&gt;b&lt;/sup&gt;</td>
<td>13</td>
<td>889</td>
<td>7 in December, 23 in January</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late summer&lt;sup&gt;c&lt;/sup&gt;</td>
<td>24</td>
<td>1,321</td>
<td>and 8 in February</td>
</tr>
<tr>
<td></td>
<td>99%</td>
<td>Early summer&lt;sup&gt;b&lt;/sup&gt;</td>
<td>0</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late summer&lt;sup&gt;c&lt;/sup&gt;</td>
<td>0</td>
<td>N/A</td>
<td>0</td>
</tr>
</tbody>
</table>

<sup>a</sup>HWD were defined as the mean temperature above the percentiles (i.e., 90<sup>th</sup>, 95<sup>th</sup> or 99<sup>th</sup> centile) for two or more consecutive days in the summer season (1st December to the end of February of next year).

<sup>b</sup>between 1<sup>st</sup> Dec. and 15<sup>th</sup> Jan.

<sup>c</sup>between 16<sup>th</sup> Jan and end of Feb.