### Hornsby and Ku-Ring-Gai Hospital: Activity profiles, potentially avoidable admissions for COPD and CHF
#### July 2009 to June 2010

<table>
<thead>
<tr>
<th></th>
<th>Total hospitalisations</th>
<th>Select medical hospitalisations</th>
<th>Total potentially preventable hospitalisations</th>
<th>Chronic Obstructive Pulmonary Disease (COPD) admissions</th>
<th>Congestive Heart Failure (CHF) admissions</th>
<th>Same period last year</th>
<th>Change since one year ago</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15,918</td>
<td>5,028</td>
<td>1,846</td>
<td>137</td>
<td>149</td>
<td>15,786</td>
<td>1%</td>
</tr>
</tbody>
</table>

### Rates per 1,000 select medical hospitalisations

<table>
<thead>
<tr>
<th>COPD</th>
<th>This period (2009-10)</th>
<th>Last period (2008-09)</th>
<th>Peer group (2009-10)</th>
<th>CHF</th>
<th>This period (2009-10)</th>
<th>Last period (2008-09)</th>
<th>Peer group (2009-10)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actual</td>
<td>27.3</td>
<td>28.2</td>
<td>39.0</td>
<td>Actual</td>
<td>29.7</td>
<td>27.6</td>
<td>27.4</td>
</tr>
<tr>
<td>Standardised</td>
<td>21.0†</td>
<td>26.1</td>
<td>40.6</td>
<td>Standardised</td>
<td>24.0†</td>
<td>23.3</td>
<td>27.0</td>
</tr>
<tr>
<td>95% CI</td>
<td>(5.9 - 38.0)</td>
<td>(13.5 - 40.3)</td>
<td>(39.1 - 42.1)</td>
<td>95% CI</td>
<td>(8.8 - 41.1)</td>
<td>(10.9 - 37.3)</td>
<td>(25.8 - 28.2)</td>
</tr>
</tbody>
</table>

### Hornsby and Ku-Ring-Gai Hospital: Patient profiles, potentially avoidable admissions for COPD and CHF
#### July 2009 to June 2010

**Potentially avoidable COPD admissions**

- **Age profile (years):**
  - 45-64: 22% 9%
  - 65-74: 29% 23%
  - 75-84: 35% 41%
  - 85+: 14% 28%

- **Socioeconomic status (quintile of disadvantage):**
  - Q1: 32% 23%
  - Q2: 26% 74%
  - Q3: 19% 15%
  - Q4: 15% 8%
  - Q5: most disadvantage least disadvantage

- **Smoking status at admission:**
  - Current smoker: 17% 8%
  - Previous smoker: 42% 48%
  - Non-smoker: 41% 44%

**Potentially avoidable CHF admissions**

- **Age profile (years):**
  - 45-64: 10% 23%
  - 65-74: 18% 74%
  - 75-84: 37% 28%
  - 85+: 34% 16%

- **Socioeconomic status (quintile of disadvantage):**
  - Q1: 28% 23%
  - Q2: 24% 73%
  - Q3: 21% 16%
  - Q4: 16% 11%
  - Q5: most disadvantage least disadvantage

- **Smoking status at admission:**
  - Current smoker: 5% 5%
  - Previous smoker: 22% 17%
  - Non-smoker: 73% 78%

- **Aboriginal status:**
  - 4% 2%
  - Rural postcode: 23% 19%
Hornsby and Ku-Ring-Gai Hospital: Hospital stay profiles, potentially avoidable admissions for COPD and CHF
July 2009 to June 2010

COPD admissions

- This period (2009-10)
  - % Unplanned (10): 96%
  - % from ED (3): 89%

- Last period (2008-09)
  - % Unplanned (10): 97%
  - % from ED (3): 95%

- Peer group (2009-10)
  - % Unplanned (10): 98%
  - % from ED (3): 83%

CHF admissions

- This period (2009-10)
  - % Unplanned (10): 99%
  - % from ED (3): 94%

- Last period (2008-09)
  - % Unplanned (10): 99%
  - % from ED (3): 92%

- Peer group (2009-10)
  - % Unplanned (10): 98%
  - % from ED (3): 87%

COPD average length of stay in days

- Actual: 5.8
- 0-1 days: 10%
- 2-5 days: 48%
- 6-10 days: 32%
- 11+ days: 9%

CHF average length of stay in days

- Actual: 8.3
- 0-1 days: 7%
- 2-5 days: 31%
- 6-10 days: 38%
- 11+ days: 25%

Hornsby and Ku-Ring-Gai Hospital: Total bed days, potentially avoidable admissions for COPD and CHF
July 2005 to June 2010 (monthly)

<table>
<thead>
<tr>
<th>Year</th>
<th>COPD Bed Days</th>
<th>CHF Bed Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005-06</td>
<td>1,017</td>
<td>1,205</td>
</tr>
<tr>
<td>2006-07</td>
<td>1,180</td>
<td>1,674</td>
</tr>
<tr>
<td>2007-08</td>
<td>1,183</td>
<td>1,384</td>
</tr>
<tr>
<td>2008-09</td>
<td>906</td>
<td>1,068</td>
</tr>
<tr>
<td>2009-10</td>
<td>764</td>
<td>1,172</td>
</tr>
</tbody>
</table>

Note: Length of stay and total bed days calculated on ‘acute’ episodes only (comprising 98.7% COPD and 97.4% CHF PAAs).

Source: Admitted Patient Data Collection, Health Information Exchange, NSW Health. Data extracted on 28 February 2011.