Paediatrics – Gastroenterology & Hepatology

The Workforce

Gastroenterology and Hepatology are branches of internal medicine that are concerned with the prevention, investigation and treatment of and research into illnesses involving the liver and gastrointestinal tract. The Royal Australasian College of Physicians (RACP) is accredited by the Australian Medical Council (AMC) to deliver paediatrics and child health training.

Supply and Distribution

Workforce Characteristics in 2015

<table>
<thead>
<tr>
<th>Headcount</th>
<th>Percentage</th>
<th>Average Age</th>
<th>Average Work Hours</th>
<th>Workforce Aged 50+</th>
<th>Workforce Aged 60+</th>
<th>New Fellows</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>30.8%</td>
<td>47.6 years</td>
<td>49.2 hours per week</td>
<td>23.1%</td>
<td>15.4%</td>
<td>6 New Fellows</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
<th>Average Age</th>
<th>Average Work Hours</th>
<th>Workforce Aged 50+</th>
<th>Workforce Aged 60+</th>
</tr>
</thead>
<tbody>
<tr>
<td>50+</td>
<td>13.7%</td>
<td>48 years</td>
<td>49 hours per week</td>
<td>17%</td>
<td>6%</td>
</tr>
<tr>
<td>60+</td>
<td>12.7%</td>
<td>50 years</td>
<td>52 hours per week</td>
<td>16%</td>
<td>4%</td>
</tr>
</tbody>
</table>

Retirement Intentions (60+)

- Next 1-2 years: 50%
- Next 3-5 years: 30%
- Next 6-10 years: 20%

Trainees

Advanced Trainees in NSW:

<table>
<thead>
<tr>
<th>Year</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3</td>
<td>4</td>
<td>7</td>
</tr>
</tbody>
</table>

NSW Trainees as % of Australia 2017: 41.2%
Proportion female trainees in Australia 2017: 64.7%

Data sourced: The National Health Workforce Dataset – Australian Government Department of Health; The Australian Health Practitioner Regulation Agency (AHPRA); The Medical Education and Training in Australia Report (MET).
Workforce projections are provided for a low and high demand scenario. Where requirements for both scenarios are met without the need for additional fellows, the projected “No Growth” scenario workforce data is provided.

**Estimated Demand Growth**
Between 1.5% (low demand scenario) to 2.2% (high demand scenario).

**Estimated Additional Fellows**
All demand scenarios require no additional fellows and hence no growth in trainees.

**Estimated Workforce Size**
In 2030, 18 Headcount (assuming all additional fellows will enter the workforce).

**Estimated percentage over 60 years**
In 2030, 33.7% of workforce over 60 years.

**Average Age**
In 2030, 52.8 years.

---

### Workforce Planning Priority and Assessment Framework

- **Priority for Workforce Planning:**
  - ADEQUATE CAREER OPPORTUNITIES
- **Ageing > 60**
  - Moderate factor
- **Ageing > 70**
  - Moderate factor
- **Small Workforce Size**
  - Moderate factor
- **New Fellow Requirements**
  - Minimal factor
- **Retirement Intentions**
  - < 2 years: Minimal factor
  - < 5 years: Minimal factor

**Rating Key:** Minimal Factor < Minor Factor < Moderate Factor < Major Factor

---

### Workforce Modelling Considerations

- Workforce modelling is based on current models of care. Any change in the models may impact on requirements.
- Any changes to current training programs will affect the workforce modelling outcome.
- Workforce modelling is based on current workforce hours profile by age co-hours. Any changes to hours worked by future clinicians will affect the model.
- There is an accepted error rate of plus or minus two per cent within workforce modelling.
- The model does not address any mal-distribution either by location (rural or regional) or sector (public or private)