Physician & Paediatrics – Clinical Pharmacology

The Workforce

Clinical Pharmacology is the scientific discipline that encompasses professionals with a wide variety of scientific skills including medicine, pharmacology, pharmacy, biomedical science and nursing. The Royal Australasian College of Physicians (RACP) is accredited by the Australian Medical Council (AMC) to deliver physician training.

Workforce Characteristics in 2015

Supply and Distribution

Total NSW Workforce by Sector (percent)

Metropolitan Sydney

Non-Metropolitan Sydney

Trainees

Advanced Trainees in NSW:

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<thead>
<tr>
<th></th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
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<tbody>
<tr>
<td>Physician</td>
<td>4</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Paediatrics</td>
<td>0</td>
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NSW Trainees as % of Australia 2017 (Paediatrics N/A)

Proportion female trainees in Australia 2017 (Paediatrics N/A)

31.3% Physician

56.3%
The Future in NSW - Workforce Planning to 2030

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.

Workforce Planning Priority and Assessment Framework

- **Estimated Demand Growth**: Between 2.3% (low demand scenario) to 5.0% (high demand scenario).
- **Estimated Workforce Size**: In 2030, 15 to 20 Headcount (assuming all additional fellows will enter the workforce).
- **Estimated Workforce Average Age**: In 2030, 47.6 to 56.5 years.
- **Estimated percentage over 60 years**: In 2030, 24.5% to 35.2% of workforce over 60 years.
- **Estimated Additional Fellows**: The high demand scenario requires additional fellows. Trainee numbers need to increase by approximately 1 per annum to meet projected 2030 requirements.

**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).