Paediatrics – Endocrinology

The Workforce
Endocrinologists assess and diagnose endocrine disorders (hormones from the body’s major gland systems, including thyroid, pancreas, gonads, adrenal and pituitary), provide treatment, perform diagnostic and laboratory analysis and conduct basic and applied research in a wide range of humoral and metabolic conditions. The Royal Australasian College of Physicians (RACP) is accredited by the Australian Medical Council (AMC) to deliver paediatrics and child health training.

Workforce Characteristics in 2015

Supply and Distribution

Metropolitan Sydney

- 20 headcount
- 43 hours per week
- 46 years average age
- 10% aged over 60

Retirement intentions (60+)
- Next 1-2 years: 45%
- Next 2-5 years: 55%
- Next 6-10 years: 0%

Total NSW Workforce by Sector (percent)

- Public only: 58%
- Private only: 21%
- Public and Private: 0%
- Other (Non-Clinical): 21%
- Other: 9.8%

Non-Metropolitan Sydney

- 4 headcount
- * hours per week
- * years average age
- *% aged over 60

Retirement intentions (60+)
- Next 1-2 years: *
- Next 2-5 years: *
- Next 6-10 years: *

* Data from records with less than 5 headcount is to be restricted due to privacy requirements

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>NSW Trainees as % of Australia 2017</td>
<td>51.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proportion female trainees in Australia 2017</td>
<td>80.6%</td>
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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).
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.

Estimated Demand Growth
Between 1.9% (low demand scenario) to 2.5% (high demand scenario).

Estimated Workforce Size
In 2030, 39 Headcount (assuming all additional fellows will enter the workforce).

Estimated Workforce Average Age
In 2030, 48.2 years.

Estimated percentage over 60 years
In 2030, 11.6% of workforce over 60 years.

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

Workforce Planning Priority and Assessment Framework

Retirement Intentions: The factor associated with workforce retiring within the next 2 and the next 5 years

Ageing > 60 Minor factor
Ageing > 70 Minimal factor

New Fellow Requirements: The factor associated with the requirement to recruit additional trainees, based on workforce planning to 2030

Small Workforce Size: The factor associated with the sustainability of small workforces

Priority for Workforce Planning: ADEQUATE CAREER OPPORTUNITIES

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)