

# Physician – Infectious Disease



#### The Workforce

Infectious disease, also known as infectious diseases, infectious medicine, infectious disease medicine or infectiology, is a medical specialty dealing with the diagnosis, control and treatment of infections. The Royal Australasian College of Physicians (RACP) is accredited by the Australian Medical Council (AMC) to deliver physician training.

#### **Workforce Characteristics in 2015**







AGE 48.5 years

50+





Headcount Female

per week

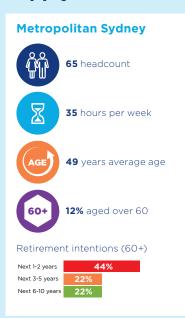
48.5 years average age

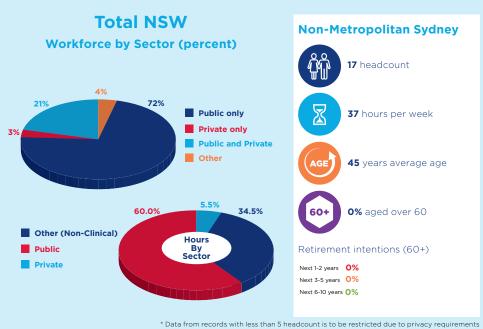
45.1% Workforce aged over 50

9.8% Workforce aged over 60

10 New Fellows in Australia in 2016

## **Supply and Distribution**





#### **Trainees**



#### **Advanced Trainees in NSW:**

2015	2016	2017
40	42	45





Proportion female Trainees in Australia 2017

health.nsw.gov.au

### 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 0.8%
(low demand scenario)
to 1.9% (high demand
scenario).



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.



Estimated Workforce Size In 2030, 109 to 114 Headcount (assuming all additional fellows will enter the workforce).



Estimated Workforce
Average Age
In 2030,
48.6 to 48.8 years.



Estimated percentage
over 60 years
In 2030,
13.5% to 14.1%
of workforce
over 60 years.

## **Workforce Planning Priority and Assessment Framework**



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.

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- 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)