

## Radiation Oncology



#### The Workforce

A Radiation Oncologist is a medical specialist who has specific postgraduate training in the management of patients with cancer, in particular, involving the use of radiation therapy (also called radiotherapy) as one aspect of their cancer treatment. The Royal Australian and New Zealand College of Radiologists (RANZCR) is accredited by the Australian Medical Council (AMC) to deliver radiology training.

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



Headcount





44.0 hours per week



**46.2** vears average age



33.9% Workforce aged over 50



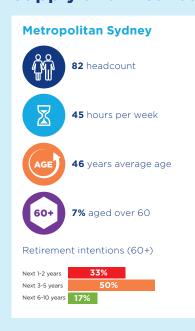
9.3% Workforce aged over 60

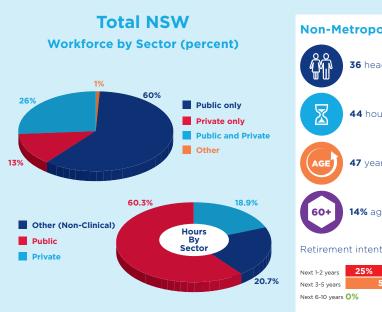


8 New Fellows in NSW in 2016

## **Supply and Distribution**

**Female** 





# **Non-Metropolitan Sydney 36** headcount 44 hours per week 47 years average age **14%** aged over 60 Retirement intentions (60+) \* Data from records with less than 5 headcount is to be restricted due to privacy requirements

#### **Trainees**



#### Advanced Trainees in NSW:

2015	2016	2017
46	41	47





**Proportion** female Trainees in **NSW 2017** 

### 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 2.5% (low
demand scenario) to
3.3% (high demand
scenario).



Estimated Additional Fellows
All demand scenarios require
additional fellows. Trainee
numbers need to increase by
approximately 4 per annum
to meet projected 2030
requirements.



Estimated Workforce Size In 2030, 171 to 192 Headcount (assuming all additional fellows will enter the workforce).



Estimated Workforce
Average Age
In 2030, 50.8
to 51.8 years.



Estimated percentage over 60 years In 2030, 22.3% to 25.2% 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)