

Diagnostic radiology

Workforce modelling factsheet

NSW diagnostic radiology specialist clinical and non-clinical workforce characteristics in 2019



Workforce characteristics for NSW diagnostic radiology specialist clinical workforce in 2019



591
Headcount



26.7%
Female



39.9
Work hours per week



52.5
Years average age



27.8%
Aged 60+

Workforce characteristics for NSW diagnostic radiology advanced trainees workforce in 2019



158
Headcount



31%
Female



5 years
Length of training

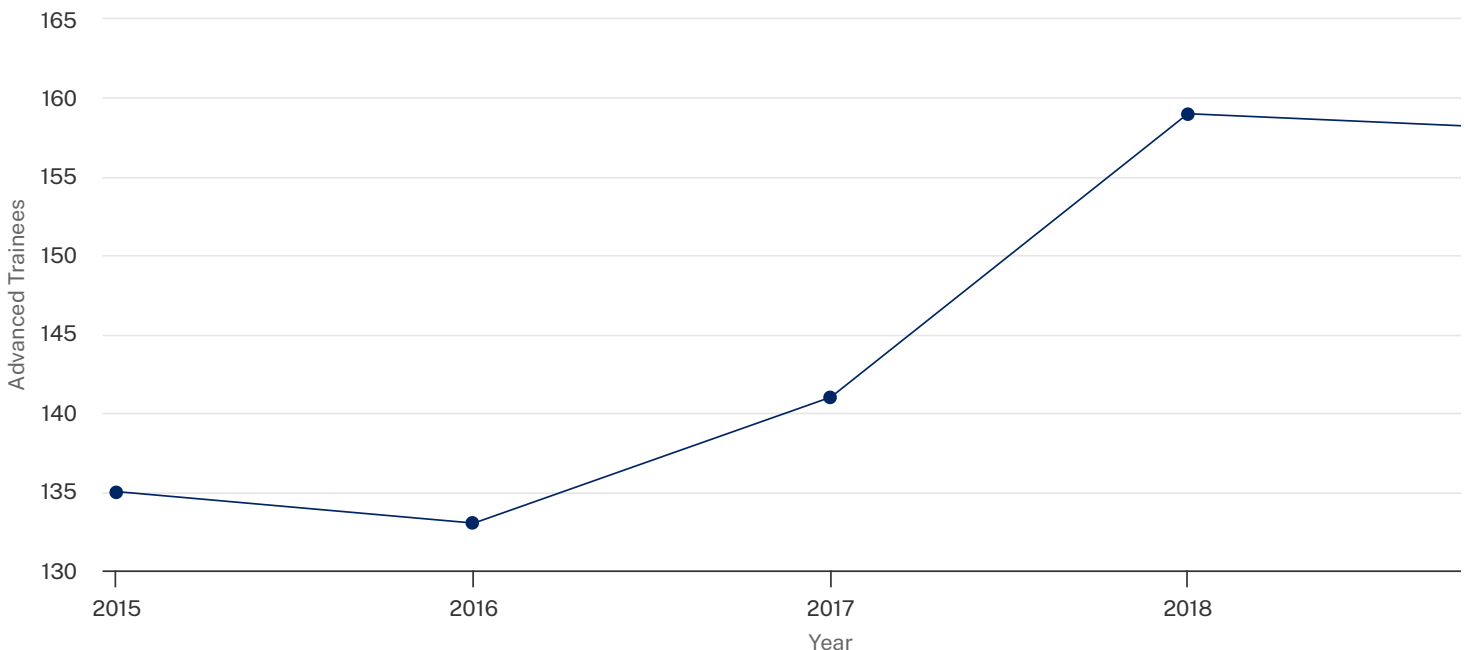


17%
Trainee growth 2015-2019



31.9%
NSW Australian trainees

Total advanced trainees



Workforce requirement for NSW diagnostic radiology specialist workforce by 2035

Workforce modelling indicates the need to significantly grow the NSW specialist diagnostic radiology workforce by around **11 to 15** new fellows per annum entering the workforce to meet community need in 2035 across both high and low demand scenarios.

To meet the 2035 specialist workforce requirements through training, there is an ongoing need to increase the number of NSW advanced trainees under the **low scenario by 20, to 178 total advanced trainees** commencing per year and **high scenario by 27, to 185 total advanced trainees** commencing per year.

SIGNIFICANT

CAREER OPPORTUNITIES



Demand is expected to grow **2.5%** (low demand scenario) to **3.0%** (high demand scenario).

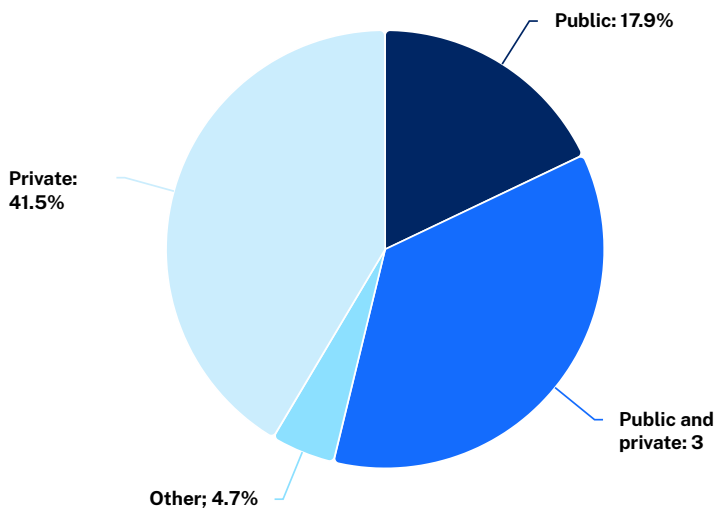


In 2035 the average fellow will be **52.2 to 52.9 years old** (if new entries enter the workforce).

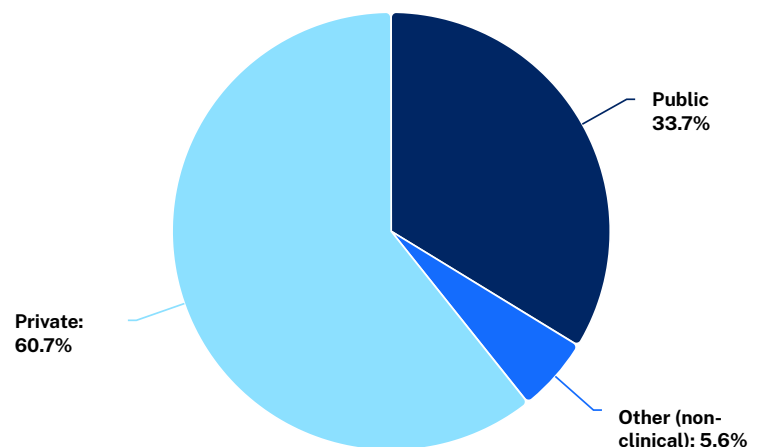
Workforce distribution for NSW diagnostic radiology workforce in 2019

Total NSW

Workforce by sector



Hours by sector



Metropolitan Sydney



442
Headcount



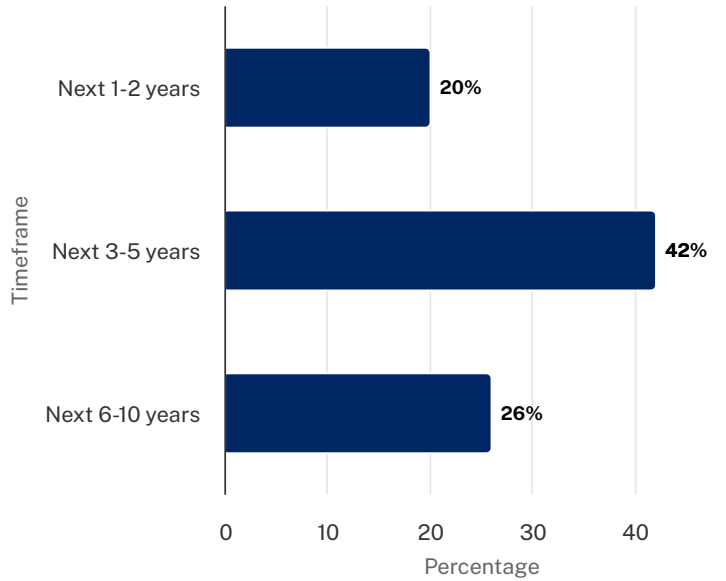
40.1
Work hours per week



51.9
Years average age



25.6%
Aged 60+



Retirement intentions age 60+

Non-metropolitan Sydney



149
Headcount



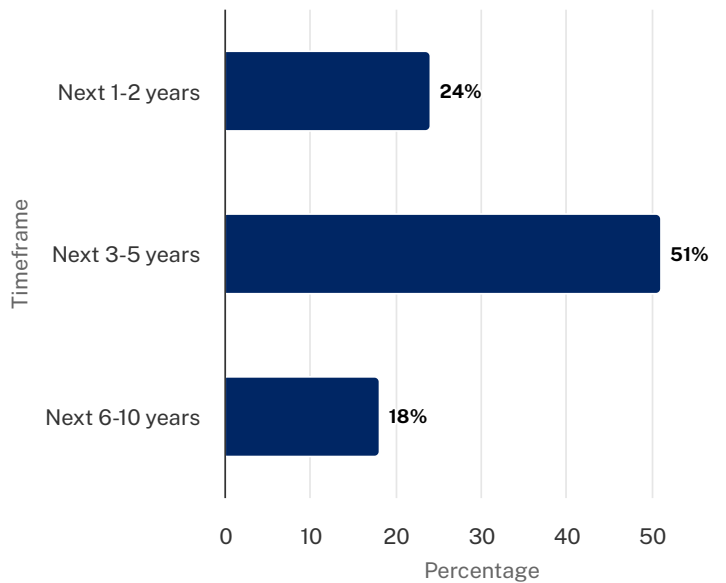
39.5
Work hours per week



54.1
Years average age

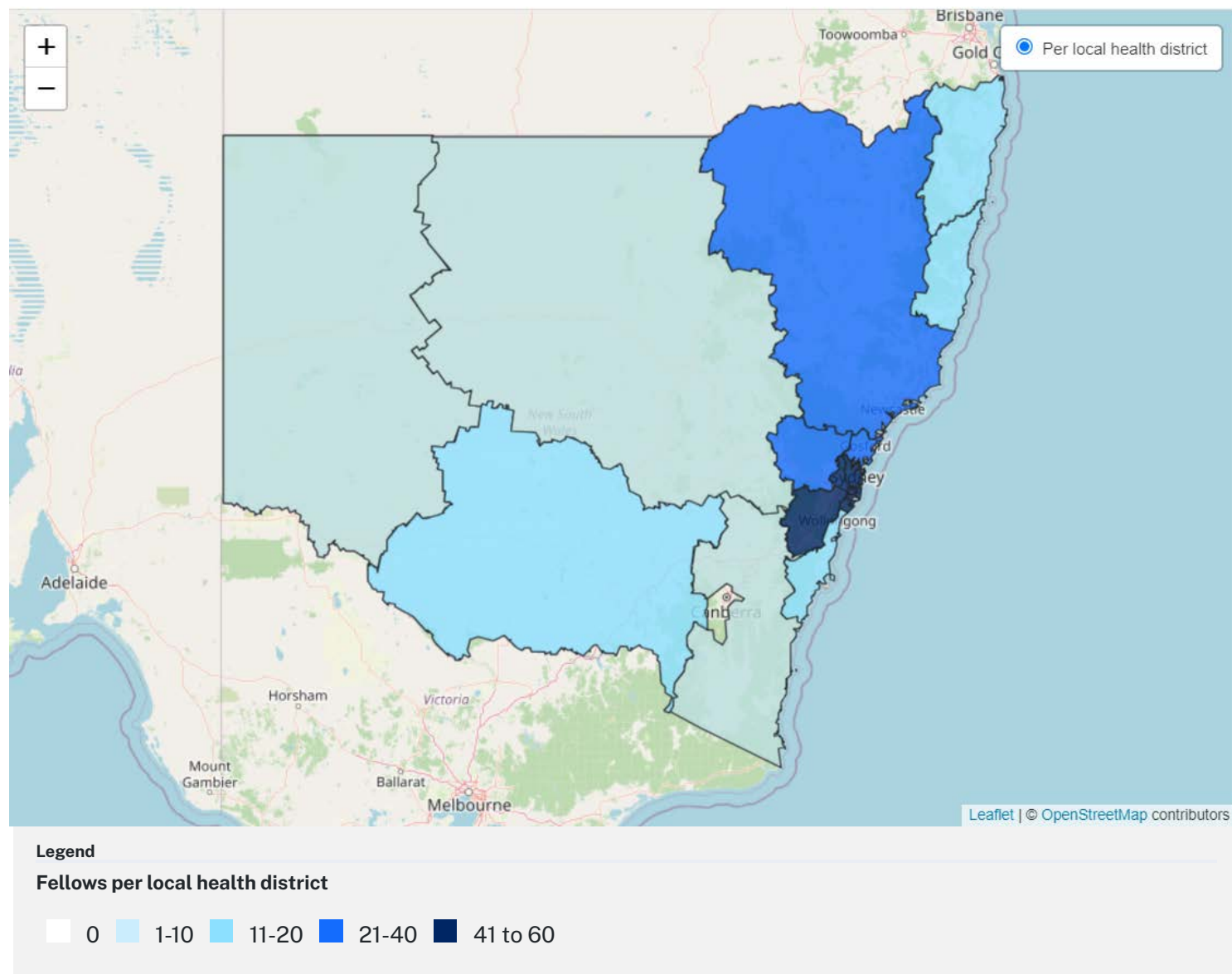


34.2%
Aged 60+



Retirement intentions age 60+

Workforce distribution for NSW diagnostic radiology workforce in 2019 by local health district



Workforce 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).

Notes

Data source: The National Health Workforce Dataset – Australian Government Department of Health; The Medical Education and Training in Australia Report (MET).