

# Surgery - cardiothoracic

## Workforce modelling factsheet

### NSW surgery - cardiothoracic specialist clinical and non-clinical workforce characteristics in 2019



### Workforce characteristics for NSW surgery - cardiothoracic specialist clinical workforce in 2019



50  
Headcount



8%  
Female



48.8  
Work hours per week



54  
Years average age



32%  
Aged 60+



0  
New Fellows in 2018

### Workforce characteristics for NSW surgery - cardiothoracic trainees workforce in 2019



9  
Headcount



33.3%  
Female



6 years  
Length of training

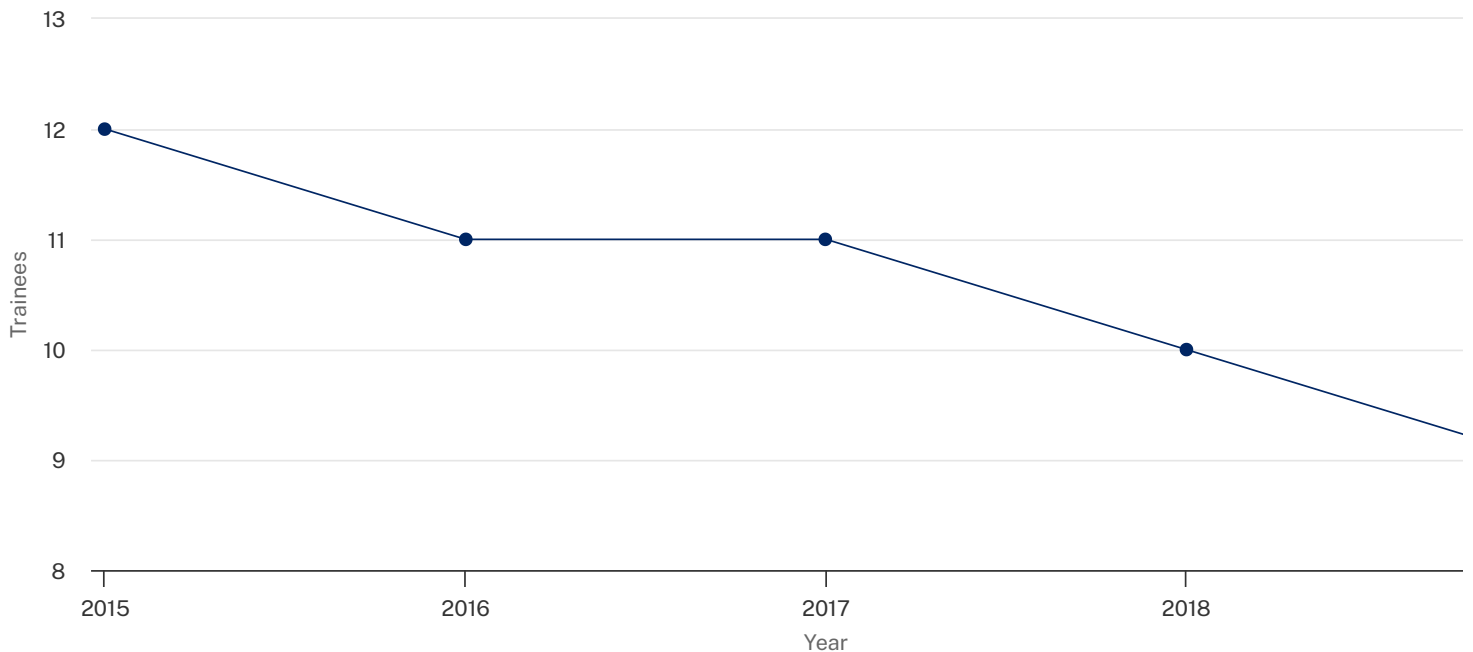


-25%  
Trainee growth 2015-2019



32.1%  
NSW Australian trainees

### Total trainees



# Workforce requirement for NSW surgery - cardiothoracic specialist workforce by 2035

Workforce modelling indicates that NSW specialist surgery - cardiothoracic workforce will have sufficient new fellows per annum entering workforce to meet community need in 2035 across both high and low demand scenarios.

The 2035 specialist workforce requirements will be met through current (2019) total trainee numbers at **9** per annum and there is no requirement to increase trainee numbers.



Demand is expected to grow **0.5%** (low demand scenario) to **0.9%** (high demand scenario).

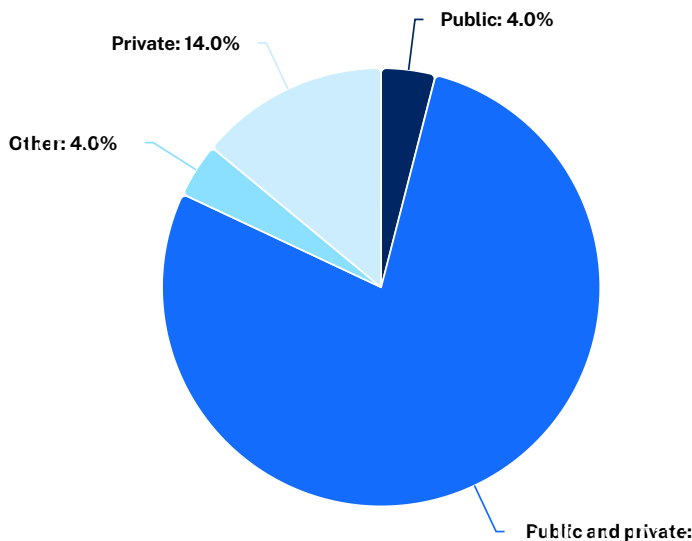


In 2035 the average fellow will be **55.2 years old** (if new entries enter the workforce).

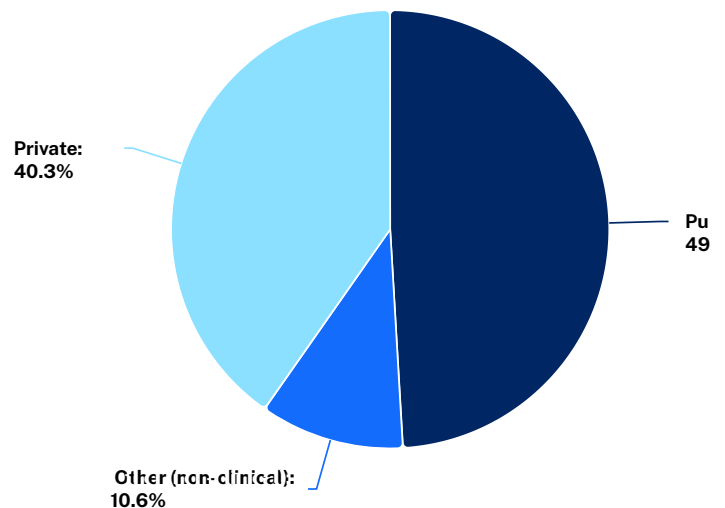
## Workforce distribution for NSW surgery - cardiothoracic workforce in 2019

### Total NSW

Workforce by sector



Hours by sector



## Metropolitan Sydney



**44**  
Headcount



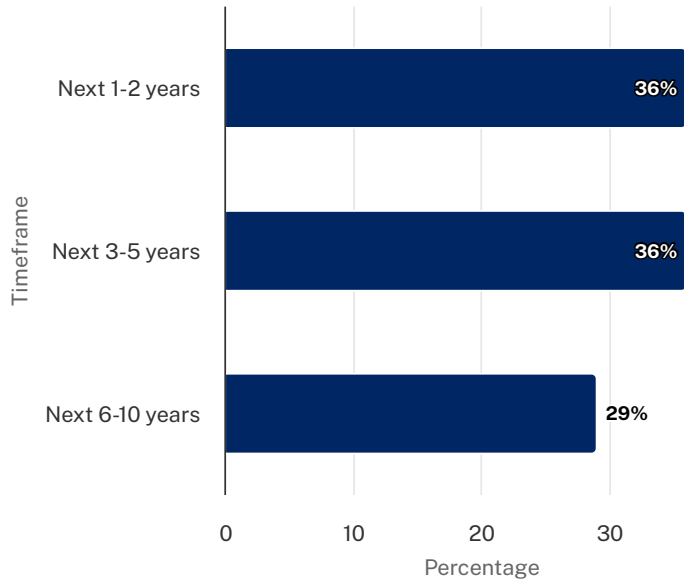
**49.4**  
Work hours per week



**53.6**  
Years average age



**31.8%**  
Aged 60+



**Retirement intentions age 60+**

## Non-metropolitan Sydney



**6**  
Headcount



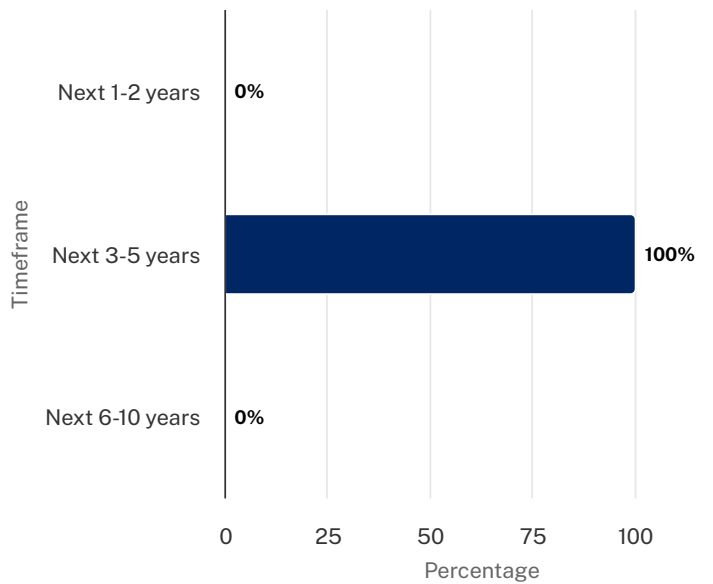
**43.7**  
Work hours per week



**57.2**  
Years average age

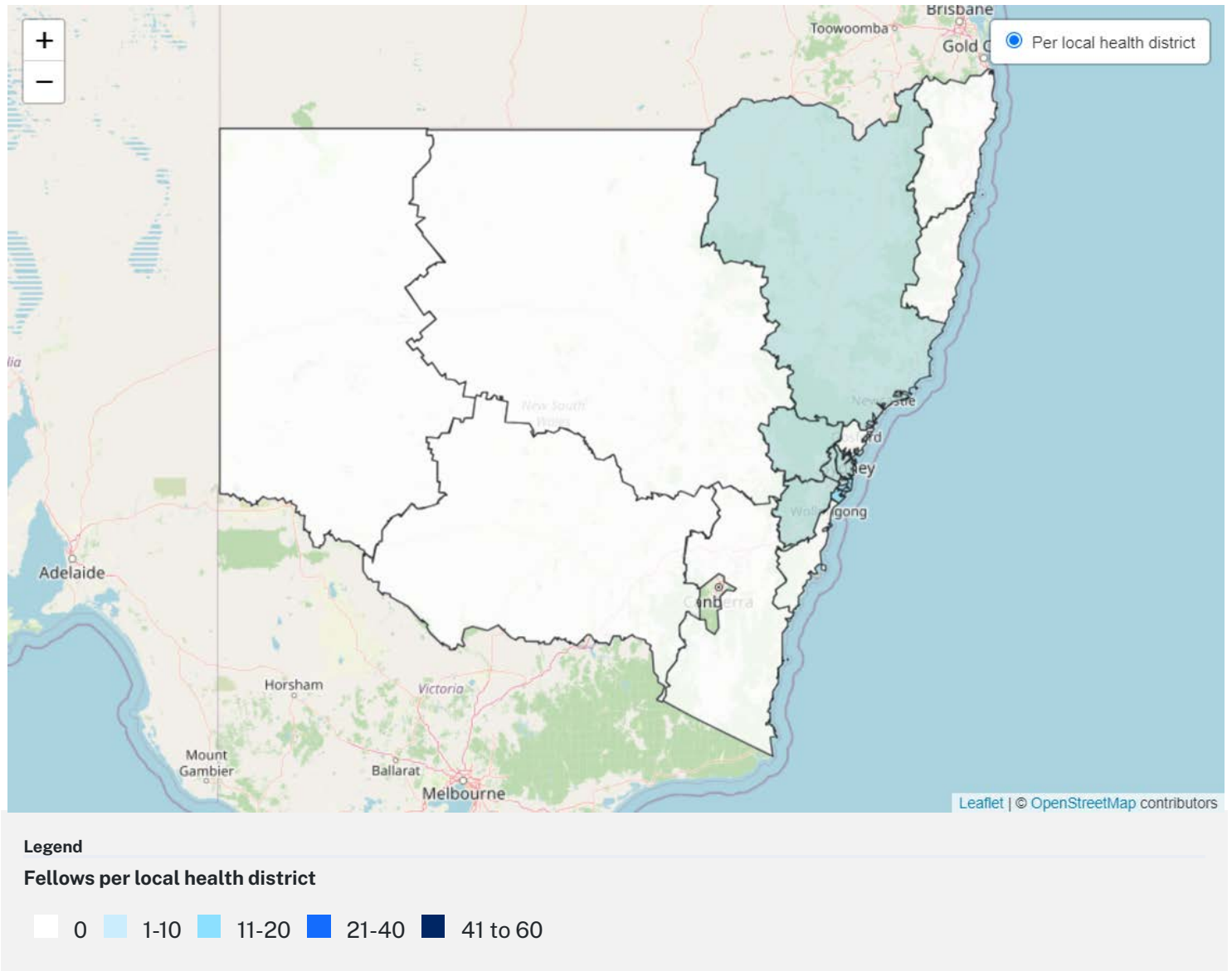


**33.3%**  
Aged 60+



**Retirement intentions age 60+**

## Workforce distribution for NSW surgery - cardiothoracic 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);The Royal Australasian College of Surgeons Activity Report.