

# Surgery -Vascular Surgery



#### The Workforce

Vascular Surgery is a specialty of surgery in which diseases of the vascular system, or arteries and veins, are managed by medical therapy, minimally-invasive catheter procedures and surgical reconstruction. The Royal Australasian College of Surgeons (RACS) is accredited by the Australian Medical Council (AMC) to deliver surgery training.

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







12.3% **Female** 



48.4 hours



**52.7** vears average age



52.3% Workforce aged over 50



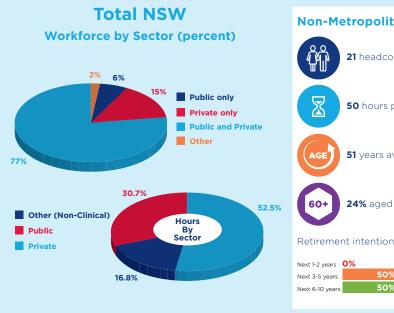
31.8% Workforce aged over 60

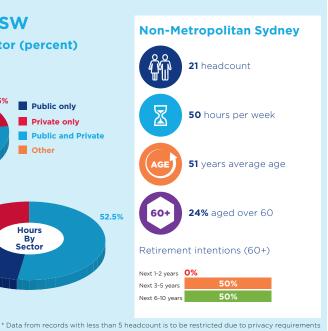


1 New Fellow in **NSW in 2017** 

## **Supply and Distribution**







### **Trainees**



#### Advanced Trainees in NSW:

2015	2016	2017
12	14	17





**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 1.4% (low
demand scenario) to
2.3% (high demand
scenario).



Estimated Additional Fellows
All demand scenarios require
additional fellows. Trainee
numbers need to increase by
approximately 1 per annum
to meet projected 2030
requirements.



Estimated Workforce
Size
In 2030, 76 to 89
Headcount (assuming all additional fellows will enter the workforce).



Estimated Workforce
Average Age
In 2030,
47.1 to 48.4 years.



Estimated percentage over 60 years In 2030, 14.2% to 16.8% 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.
- · 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)