

Cardiology

The Workforce

Cardiology is a branch of internal medicine concerned with the prevention, investigation and therapy of, and research into, diseases involving the cardiovascular system.

In the 2010 calendar year, there were 338 Cardiologists who primarily worked within NSW. This workforce had the following characteristics:

- Average Age:** 48.9 years
- Females:** 13.3% of the workforce
- Average Hours:** Cardiologists worked an average of 44.4 hours per week (of a standard 40 hour week)
- Over 50s:** Approximately 45% were aged 50 years and over and 22% of the workforce were older than 60 years

Source: AIHW (2012) 2010 Medical Workforce Profile extracts for NSW (unpublished data)



Trainees and New Fellows

Advanced Trainees (AT)*: 62 in 2012 with an average of 62 ATs in NSW between 2011 and 2012

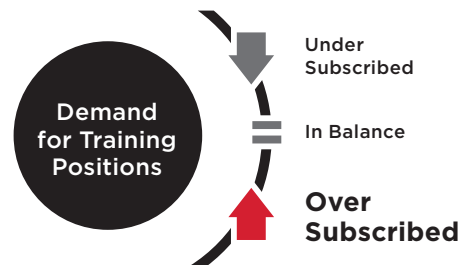
Females: Female AT numbers in NSW have increased from 8 in 2006 to 41 in 2012 (11% of total)

New Fellows: An estimated average of 15 per year in Australia from 2011-2012 (20.6% female)

Medical Specialty College: Royal Australasian College of Physicians (www.racp.edu.au/page/specialty/cardiology)

HETI Supported Training: Not part of Health Education and Training Institute Training Networks (www.heti.nsw.gov.au)

Source: Medical Training Review Panel (MTRP) * Basic Physician Training must be completed before entering Advanced Training



Retirement Intentions in NSW

1-2 Years: 0.9% of Cardiologists intend to retire within 1-2 years

3-5 Years: 11.2% of Cardiologists intend to retire within the next 3-5 years

6-9 Years: 3.8% of Cardiologists intend to retire within the next 6-9 years

Source: AIHW (2012) 2010 Medical Workforce Profile extracts (unpublished data)



Supply and Distribution



Distribution: The Cardiology workforce is located mainly within Local Health Districts (LHDs) in metropolitan Sydney, Illawarra Shoalhaven and Hunter New England LHDs.

Rural & Regional: There is a small Cardiologist workforce (less than 10) located in rural and regional LHDs.

The Cardiologist workforce outside of metropolitan Sydney, Illawarra Shoalhaven and Hunter New England LHDs is small and at risk through either retirement or unexpected employment changes.

The Future in NSW – Workforce Planning to 2025

Estimated Demand Growth: Between 1.5% to 2.7% to 2025

Estimated Workforce Size: In 2025, between 506 to 522 Full Time Equivalents

Additional Fellows: Higher % demand scenarios require additional fellows

Range: Up to 5 additional new trainees per annum

Workforce Planning Priority and Risk Rating



Ageing: The risk associated with the workforce aged over 60 and 70.

Small Workforce Size: The risk associated with the sustainability of small workforces.

Retirement Intentions: The risk associated with the retirement intentions of the current workforce.

New Fellow Requirements: The risk associated with the requirement to recruit additional trainees, based on workforce planning to 2025.

Training Supervision: The risk associated with the availability of the existing workforce to provide supervision to new trainees.

Future Workforce Considerations

Addressing rural and regional workforce maldistribution.