Government of **Western Australia**
Department of **Health**

Clinical Genetics

WA Medical Workforce 2015 to 2025

In 2015, **7** clinical genetics consultants were identified as working in Western Australia (WA).

The workforce has not increased since 2013.

Clinical genetics supply is currently below demand with a high risk shortfall identified in 2015. Trainee throughput is insufficient to keep pace with growth in demand and the expected number of retirements through to 2025.

Clinical genetics is a small volume specialty where the gain or loss of one or two consultants can have a significant impact on shortfall risk assessments.

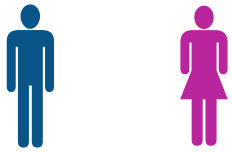
It is anticipated that there should be employment opportunities in the future with high and critical risk shortfalls projected for 2021 and 2025, respectively.

Shortfall risk assessment

Clinical genetics had a high shortfall risk in 2015 and 2021, becoming critical by 2025.

Critical	supply <70% demand
High	supply ≥70% and <80% demand
Medium	supply ≥80% and <90% demand
Low	supply ≥90% demand

The workforce in 2015



3 4

Consultant median age:

50 years

41 years

51.5 years

Consultant age ≥ 65 years:

0%

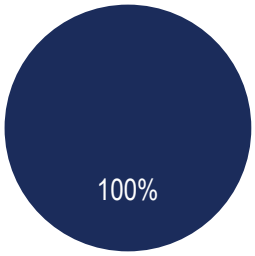
0%

0%

Distribution in 2015

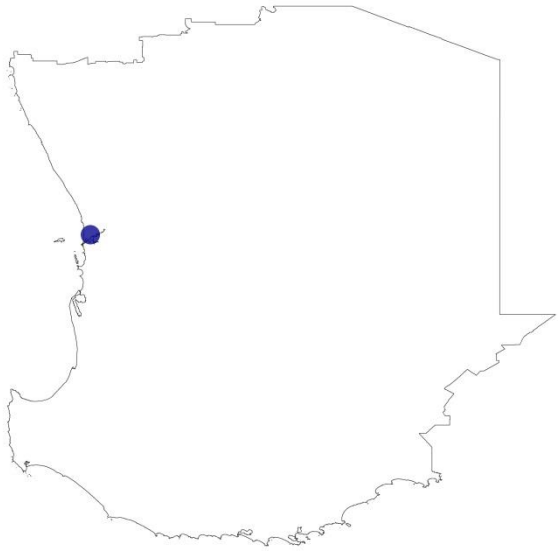
Employment sector:

- Both
- Private
- Public



Principal place of practice:

Note: Darker blue indicates higher density.



Vocational trainees in Western Australia 2015

Vocational training requirements: Three years basic training full-time and assessments (including written and clinical examinations). Three or more years advanced training full-time equivalent. Can enter after completing PGY1.

Medical college: Royal Australasian College of Physicians - http://www.racp.edu.au/

Source: Australian Government Department of Health, Medical Training Review Panel, Eighteenth Report

Total number of trainees	Male	Female
1	1	0

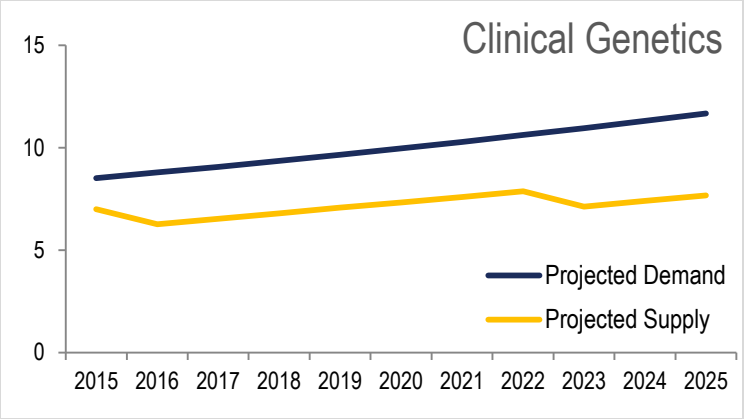
Data source: Royal Australasian College of Physicians

Projected consultant supply and demand 2015 to 2025

Projections indicate demand will exceed supply.

In 2025 the clinical genetics workforce is projected to be 8 consultants.

Supply will be insufficient to meet expected demand of 11 consultants in 2025.



Workforce planning 2015 to 2025

Growth in demand: An estimated 0.35 consultants were needed in 2015 to service the growth in demand. This is expected to increase to approximately 0.53 consultants per annum by 2025.

Retirements: 29% of the 2015 workforce is expected to retire by 2025.

Vocational trainees: Currently producing 0.27 new consultants per annum which is insufficient to cover retirements or service the growth in demand.

** The information provided is a snapshot in time and does not take into account innovation, reform and/or changing models of care. Shortfalls presented are a guide only based on weighted activity based modelling conducted as part of the specialist workforce capacity program (SWCP). Other approaches could yield different results.*

This document should be read in conjunction with "User information: Specialist Workforce Capacity Program summary sheets".

This document can be made available in alternative formats on request for a person with a disability.

© Department of Health 2016

Copyright to this material is vested in the State of Western Australia unless otherwise indicated. Apart from any fair dealing for the purposes of private study, research, criticism or review, as permitted under the provisions of the *Copyright Act 1968*, no part may be reproduced or re-used for any purposes whatsoever without written permission of the State of Western Australia.