



Specialist Workforce Capacity Program summary sheets

The workforce 2013 to 2021

This section summarises the Specialist Workforce Capacity Program (SWCP) findings obtained through data analysis and modelling, which followed consultation with both the public and private health sectors. The information outlines estimated current and projected demand by specialty and provides a risk assessment of anticipated shortfalls.

The most common shortfall estimate formula was used to determine the shortfall risk assessment. The equation is represented below in Equation 1, and the shortfall criterion used is represented in Table 1.

Equation 1: Estimating shortfall

$$\text{Shortfall estimate equals: } \frac{\text{supply of specialists}}{\text{demand for specialists}} \times 100\%$$

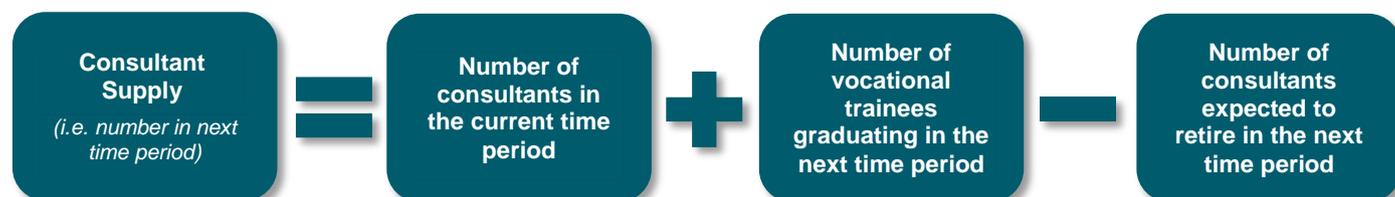
Table 1: Shortfall criterion

Supply ≥ 90% Demand	Low risk
Supply ≥ 80% and < 90% Demand	Medium risk
Supply ≥ 70% and < 80% Demand	High risk
Supply <70% Demand	Critical risk

Projected consultant supply and demand 2013 to 2021

Supply was determined by identifying the number of consultants in the current time period, adding the number of vocational trainees graduating in the next time period, minus the number of consultants expected to retire in the next time period. An example is provided in Figure 1.

Figure 1: Estimated consultant supply model



Demand was determined by using a weighted activity based demand model to determine weighted volume of activity by specialty and average weighted volume of activity by consultant. The multiplication of that activity by the National Efficient Price provides the value of activity by specialty and, consequently, the value of activity by consultant.

Workforce distribution 2013

This section provides a breakdown of the medical workforce distribution by geographical location (metropolitan, rural or both), and by employment sector (public or private).

Trainees and new fellows

Information in this section is sourced from the Australian Government Department of Health, Medical Training Review Panel (MTRP) 17th Report. The MTRP provides information on university, prevocational and vocational training positions, students and trainees, examination results and college fellows. Information is also included on overseas trained medical practitioners who are seeking to, or currently, work in Australia.

In this section PGY refers to the level of postgraduate year, e.g. PGY1 is a medical practitioner in their first postgraduate year of training after medical school.

Consultant age distribution 2013

This section provides a profile of the medical workforce age and gender.

Workforce planning and risk rating 2013 to 2021

This section provides information on SWCP findings regarding; the estimated number of consultants required to service growth in demand, expected retirements, and whether there are sufficient/insufficient numbers of vocational trainees coming through to cover retirements or to meet growth in service demand.



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