

2025 University of Origin analysis

ACRRM and RACGP



RACGP



ACRRM

Purpose of the University of Origin analysis

- Medical Deans Australia and New Zealand (MDANZ) have been commissioned by the Department of Health, Disability and Aging (DoHDA) to collate data on medical students including conducting a survey on the intent of future career choice of medical students in their final year of university study (Medical Schools Outcomes Database [MSOD]).
- In the MSOD data set, intent to pursue general practice training has been in steady decline from 13.6% in 2021 to 9.4% in 2024 . In 2021 the option to select 'rural generalism' was introduced. In 2024, 5.7% of students indicated a preference for rural generalism which when combined with the 9.4% that selected general practice gives an aggregate of **15.1% of students signifying intent to pursue 'generalist practice'**.
- The RACGP seeks a return to graduate outcome levels of approximately 50% of each year's cohort of graduates pursuing general practice training.
- The RACGP and MDANZ are planning to share data to support longitudinal tracking of students to better understand the rates of progression from intent to actual GP training. **This exercise is subject to ongoing improvement as ACRRM, RACGP and MDANZ members critique the methodology.**
- While this project is still in its development phase, RACGP has been able to analyse its incoming 2025 AGPT cohort to provide an overview by **volume** and by **proportion (relative to graduating cohort size)** of the 'University of Origin' for Australian Medical Graduates (AMG). Further, this data is broken down into general pathway and rural pathway of AGPT.
- This analysis now includes ACRRM's 2025 cohort, allowing us for the first time to produce an aggregated data set for all general practice training.
- The purpose of this analysis is for MDANZ, ACRRM and RACGP to understand which universities are generating positive graduate outcomes for general practice and for regional, rural and remote training.

Overall findings – ACRRM and RACGP AGPT 2025 cohort

- MSOD rates of intent to undertake GP/rural generalism specialisation have **averaged 15-17% over the period 2014-2024**.
- In 2025 the rate at which medical graduates progress to general practice training is **estimated at 33%**.
- The highest rate of progression from university into the AGPT (measured by % of cohort proportion) was by James Cook University at **52%** and University of Notre Dame (Fremantle) at **51%** and the lowest was Curtin University at **16%**.
- Focusing on the **MM1** (RACGP General Pathway cohort) the highest proportional cohort was Bond University at **34%** while the lowest was Curtin University at **10%**.
- Focusing on AGPT **MM2 – 7** (ACRRM total cohort and RACGP Rural Pathway cohort), the highest proportional cohort was the James Cook University at **27%** while the lowest was Macquarie University at **4%**.

Method and limitations

To assess the absolute and relative contribution of Australian universities to the 2025 Australian General Practice Training (AGPT) cohort, the following methodology was applied:

▪ Data Sources

1. MDANZ dataset, which provides comprehensive records of medical student numbers from 2012 to 2023 across all Australian medical schools
2. 2025 Registrar Cohorts of the ACRRM and RACGP AGPT Australian Medical Graduates (AMGs)

▪ Calculating the contribution of Australian Medical Schools to the AGPT program we report

1. **volume** in absolute numbers and
2. **estimated proportion** contribution for 2025 AGPT cohort relative to the average size of the graduating cohort between 2019 and 2023, for each medical school

Formula for contribution (Overall/General/Rural)

$$\text{Contribution (Overall/General/Rural)} = \frac{\text{Number of Graduates from University in 2025 Cohort}}{\text{Average Medical School Size (2019-2023)}}$$

3. logic and limitations:

- Logic: Over 80% of the AGPT 2025 cohort graduated between 2019 – 2023, making the 5-year time frame a reasonable approach.
- Limitations: A key assumption is that the origins observed in the 2025 cohort are representative of origins in other years.
- New medical schools, that have not graduated students in all years 2019-2023 will be underrepresented in the AGPT (Curtin and Macquarie).

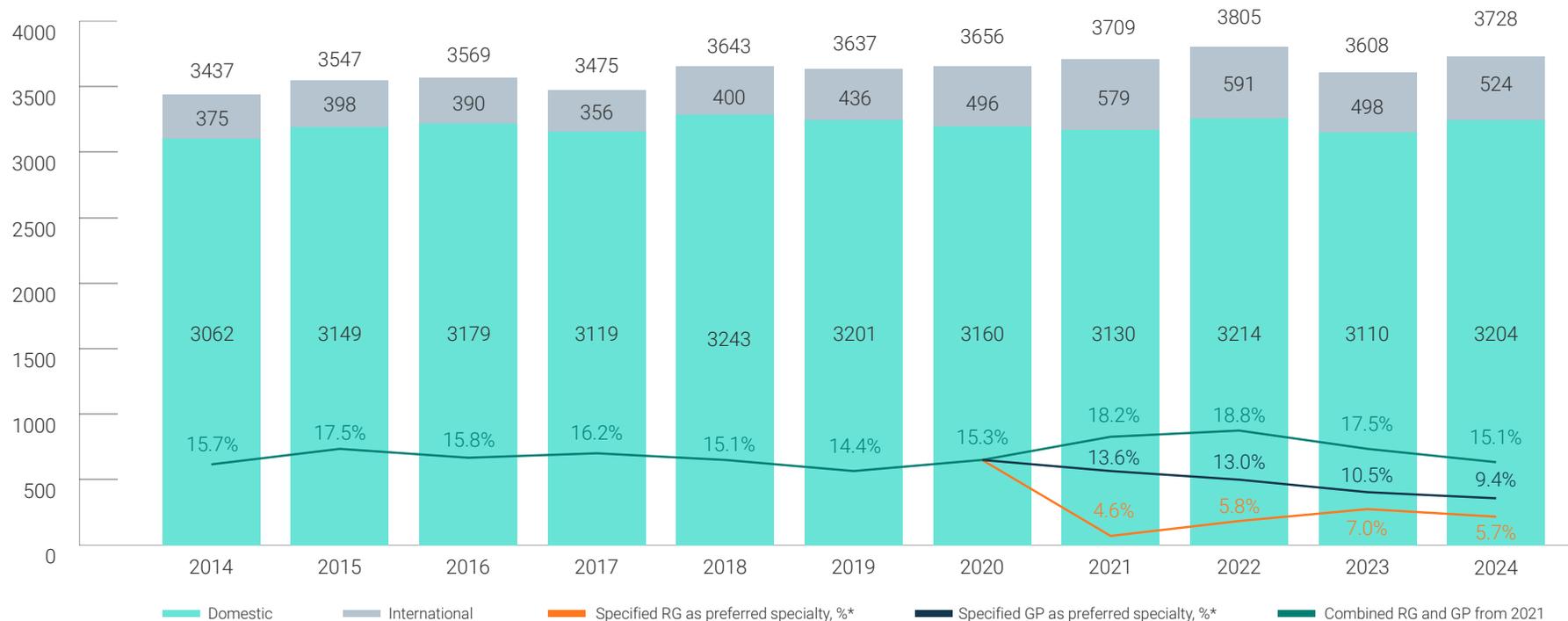
RACGP data includes registrars from both the Australian General Practice Training (AGPT) and Rural Generalist Training Scheme (RGTS) pathways. ACRRM data also captures registrars in the self-funded Independent Pathway, estimated to represent around 5% of the total data analysed. This proportion is considered negligible to the overall analysis.

Observations and implications

- The proportion of graduates that actually enter GP training is about double the proportion that report intent in MSOD
- Reasons for this large difference need to be explored and understood
- There is wide variation in the proportion of graduates from different medical schools that enter GP training
- Reasons for this wide variation need to be explored and understood
- There is marked variation between medical schools in their contribution to urban and rural training pathways, requiring further study
- While 80% of the 2025 AGPT cohort graduated within the prior 5 years, GP training seems to be attractive to some doctors many more years after graduation
- Our analyses need to be repeated over multiple years of AGPT, and our findings prompt the need for additional research to better understand reasons for and implications of the wide variations observed

Australian medical graduates 2014–2024

Australian medical graduates indicating GP (and Rural Generalism from 2021) as their preferred specialisation (Medical Schools Outcomes Database Data)



*Based on the Medical School Outcomes Database (MSOD) survey results – Australian Graduates (2014-2024), <https://medicaldeans.org.au/data>, as accessed in May 2025

ACRRM and RACGP AGPT 2025 cohort by medical school by absolute numbers and as a proportion of the average Australian medical graduate cohort size

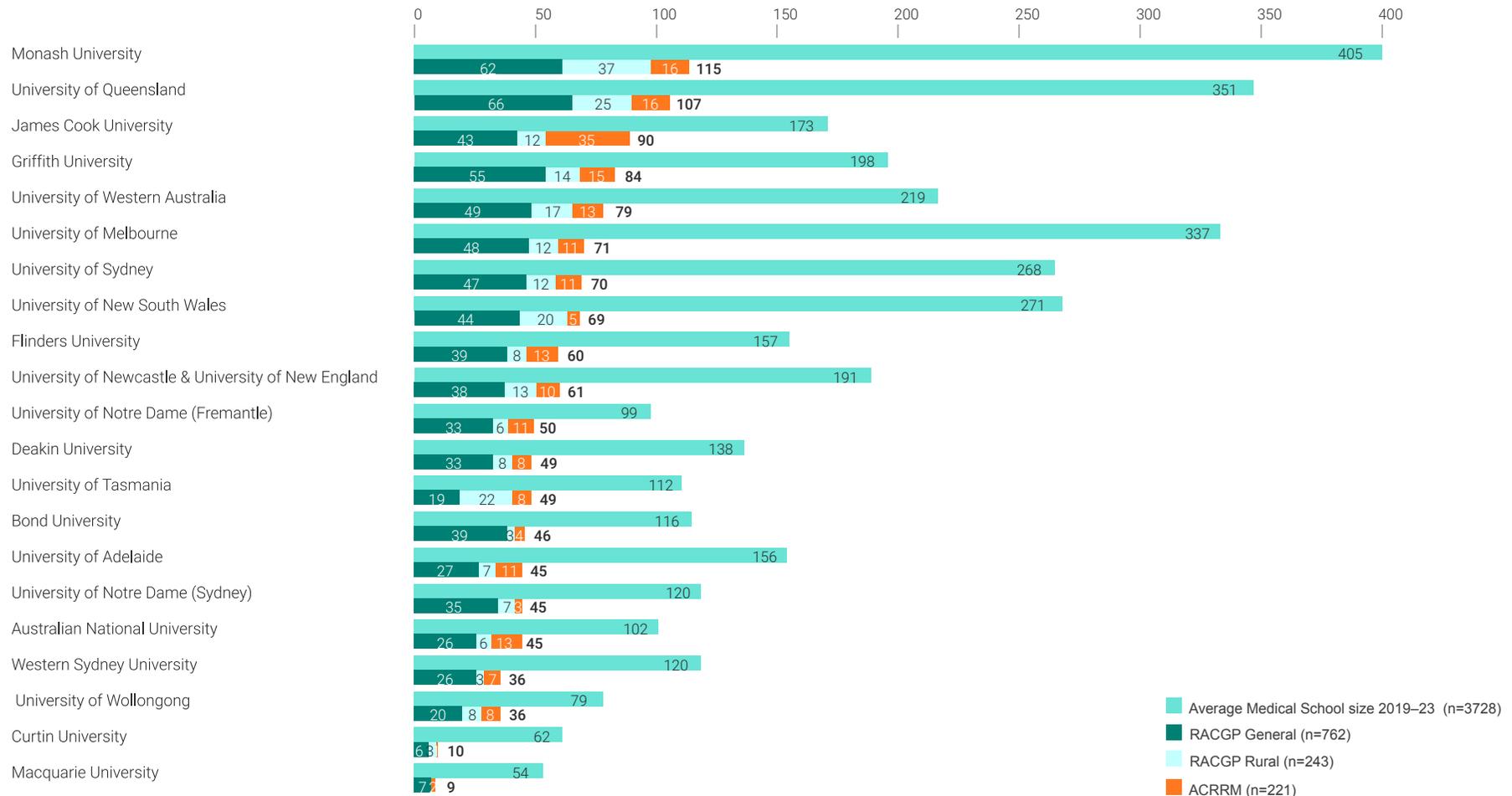
University rankings

Rank by Absolute number		
Monash University	1	115
University of Queensland	2	107
James Cook University	3	90
Griffith University	4	84
University of Western Australia	5	79
University of Melbourne	6	71
University of Sydney	7	70
University of New South Wales	8	69
University of Newcastle & University of New England	9	61
Flinders University	10	60
University of Notre Dame (Fremantle)	11	50
Deakin University	12	49
University of Tasmania	12	49
Bond University	14	46
University of Notre Dame (Sydney)	15	45
University of Adelaide	15	45
Australian National University	15	45
Western Sydney University	18	36
University of Wollongong	18	36
*Curtin University	20	10
*Macquarie University	21	9
Total		1226

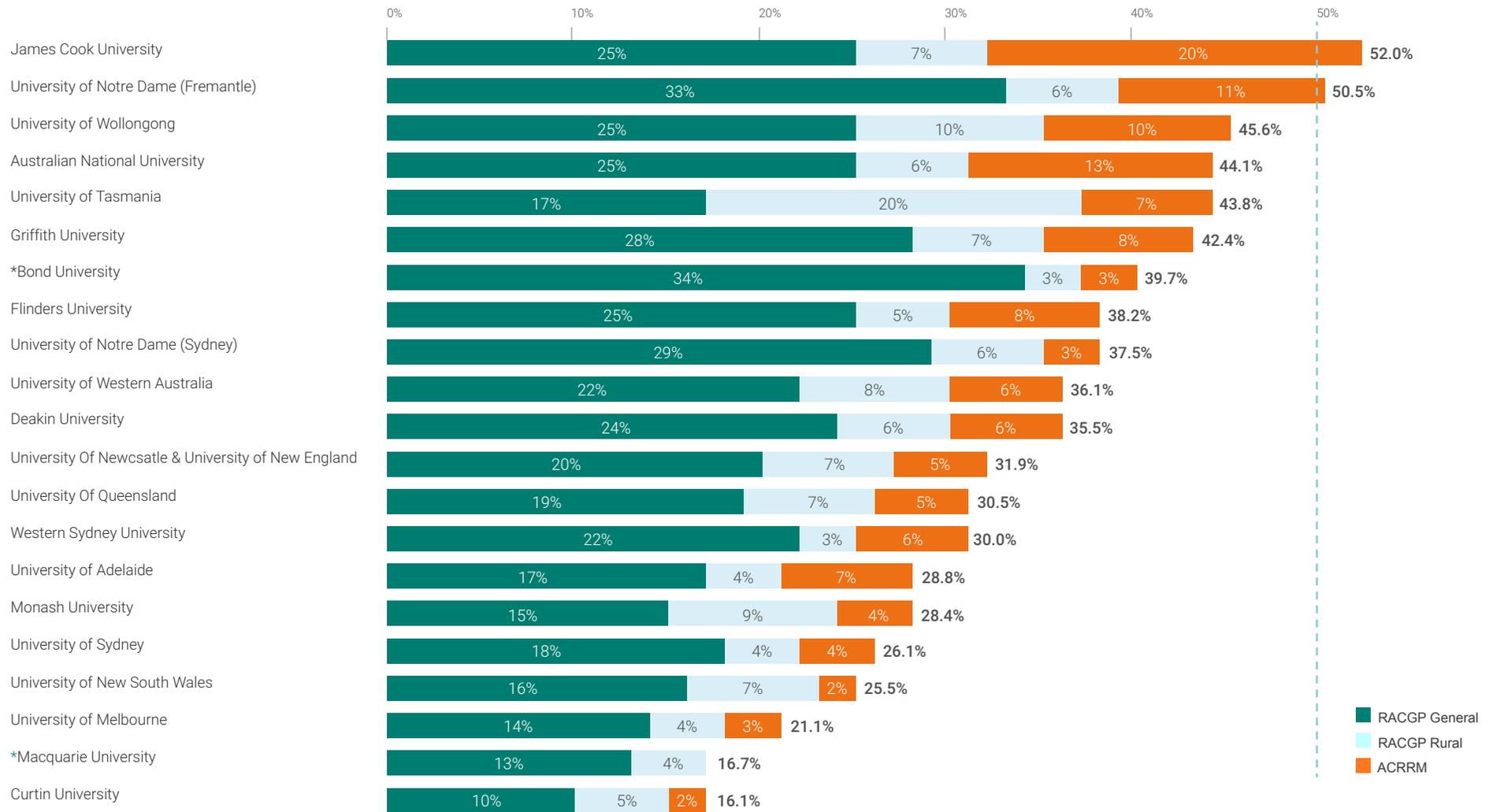
Rank by Proportion		
James Cook University	1	52.0%
University of Notre Dame (Fremantle)	2	50.5%
University of Wollongong	3	45.6%
Australian National University	4	44.1%
University of Tasmania	5	43.8%
Griffith University	6	42.4%
Bond University	7	39.7%
Flinders University	8	38.2%
University of Notre Dame (Sydney)	9	37.5%
University of Western Australia	10	36.1%
Deakin University	11	35.5%
University of Newcastle & University of New England	12	31.9%
University of Queensland	13	30.5%
Western Sydney University	14	30.0%
University of Adelaide	15	28.8%
Monash University	16	28.4%
University of Sydney	17	26.1%
University of New South Wales	18	25.5%
University of Melbourne	19	21.1%
Macquarie University	20	16.7%
Curtin University	21	16.1%
Total		32.9%

*To note: This medical school has been established more recently than others, with available graduate data spanning only the past five years. Future years may reflect increased numbers as more cohorts complete training
 To note: The data includes all Australian Medical Graduates in the AGPT 2025 cohort (domestic and international)

Australian medical graduates (by volume) in ACRRM and RACGP AGPT 2025 cohort compared to total average graduating cohort 2019–2023



ACRRM and RACGP AGPT 2025 cohort by proportion and pathway



*Does not have a Rural Clinical School

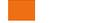
See method for details on Proportion calculations

ACRRM and RACGP AGPT 2025 cohort by training pathway as a proportion of the average Australian medical graduate cohort (2019–2023)

University rankings

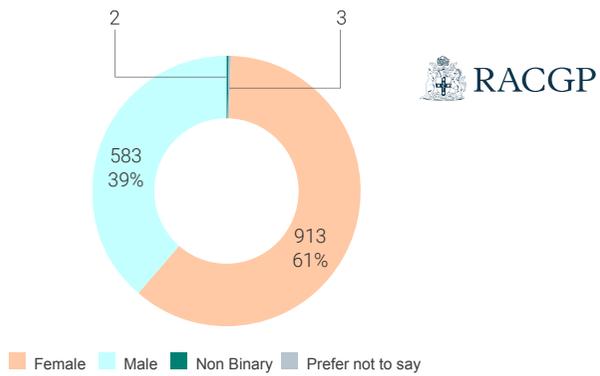
	Rank RACGP General		
Bond University	1		33.6%
University of Notre Dame (Fremantle)	2		33.3%
University of Notre Dame (Sydney)	3		29.2%
Griffith University	4		27.8%
Australian National University	5		25.5%
University of Wollongong	6		25.3%
James Cook University	7		24.9%
Flinders University	8		24.8%
Deakin University	9		23.9%
University of Western Australia	10		22.4%
Western Sydney University	11		21.7%
University of Newcastle & University of New England	12		19.9%
University of Queensland	13		18.8%
University of Sydney	14		17.5%
University of Adelaide	15		17.3%
University of Tasmania	16		17.0%
University of New South Wales	17		16.2%
Monash University	18		15.3%
University of Melbourne	19		14.2%
Macquarie University	20		13.0%
Curtin University	21		9.7%
Total			20.4%

Rural pathways

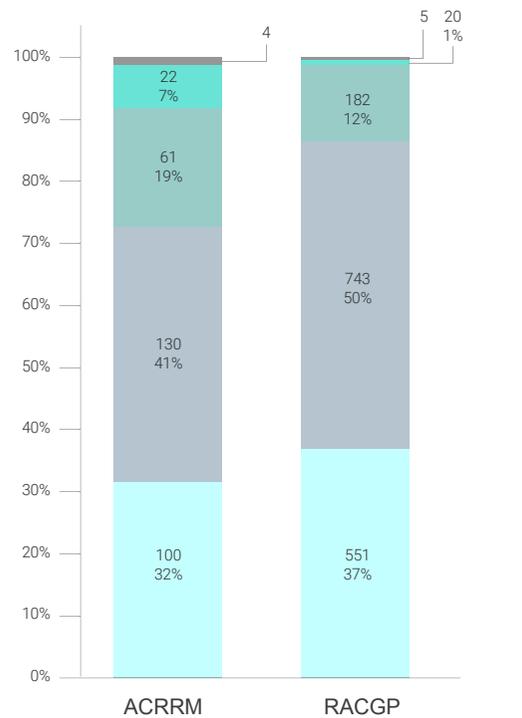
	Rank ACRRM-RACGP Rural		
James Cook University	1		27.2%
University of Tasmania	2		26.8%
University of Wollongong	3		20.3%
Australian National University	4		18.6%
University of Notre Dame (Fremantle)	5		17.2%
Griffith University	6		14.6%
University of Western Australia	7		13.7%
Flinders University	8		13.4%
Monash University	9		13.1%
University of Newcastle & University of New England	10		12.0%
University of Queensland	11		11.7%
Deakin University	12		11.6%
University of Adelaide	13		11.5%
University of New South Wales	14		9.2%
University of Sydney	15		8.6%
University of New South Wales	16		8.3%
Western Sydney University	17		8.3%
University of Notre Dame (Sydney)	18		6.8%
University of Melbourne	19		6.5%
Curtin University	20		6.0%
Bond University	21		3.7%
Macquarie University			3.7%
Total			12.4%

ACRRM and RACGP AGPT 2025 registrar cohort demographics and educational background by pathway

2025 AGPT cohort by gender

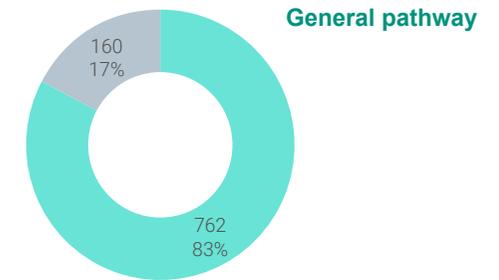


2025 AGPT cohort by age group

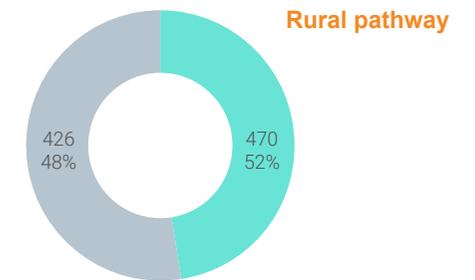


20-29 years 30-39 years 40-49 years 50-59 years 60+ years

2025 AGPT cohort by educational background

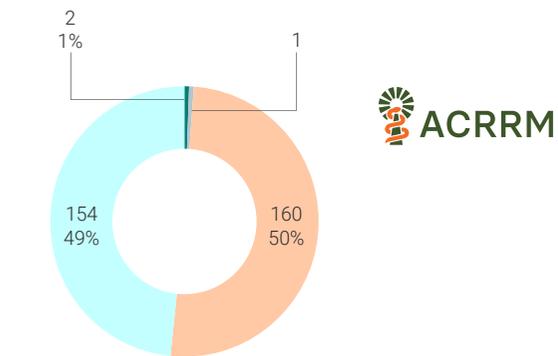


General pathway



Rural pathway

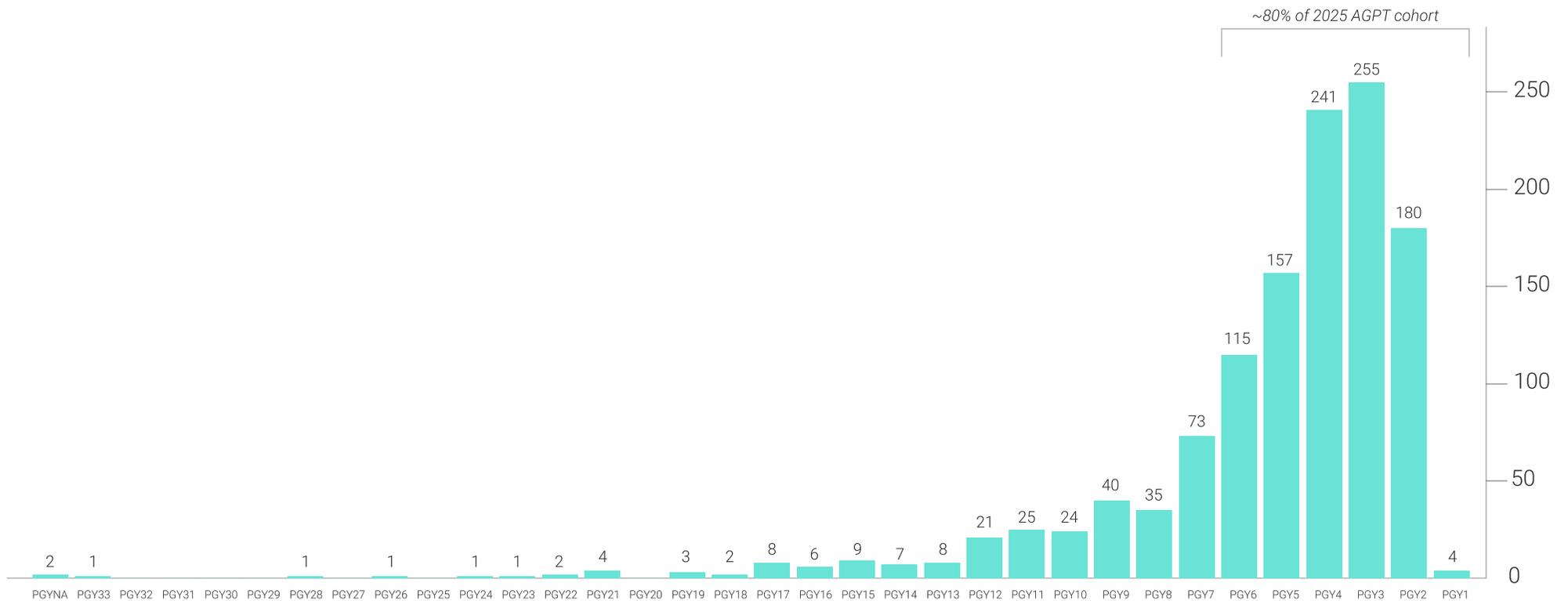
AMG – Australian Medical Graduate
IMG – International Medical Graduate*



*New Zealand medical graduates are part of the IMG cohort.

Registrars by years since medical graduation

2025 AGPT AMGs by medical school graduation year



For more information contact

National Workforce Planner, RACGP

nicole.brigg@racgp.org.au

Data Science and Analytics Manager, ACRRM

j.dawber@acrrm.org.au

