

Activities Report

2022



Foreword

The 2022 Royal Australasian College of Surgeons (RACS) Activities Report presents information about the surgical workforce and its distribution, along with details about surgical training and examination results. Government departments of health, related agencies, and those interested in RACS activities receive this document. The data in this report was accurate as of December 2022.

In 2022, RACS admitted 268 new Australian and Aotearoa New Zealand Fellows. Female surgeons constituted just over 23 percent of those who achieved Fellowship through the surgical education and training pathway. This admission increased the total number of active Fellows to over 7100. Currently, we have 1264 surgical trainees, with women comprising 32 percent of all trainees. Additionally, 26 Trainees were approved for flexible training (less than full-time training), with 73 percent being women.

This report, in conjunction with prior Activities reports, emphasises the disparities in access to quality healthcare experienced by individuals residing in remote, rural, and regional areas of Australia and Aotearoa New Zealand. RACS remains unwavering in its commitment to its rural strategy, which aims to strengthen the rural surgical workforce, address workforce imbalances, and promote the development of a sustainable surgical workforce.

This report also provides data on the number of Trainees who identify as Indigenous or Māori. We acknowledge the utmost importance of enhancing Indigenous representation within the field of surgery and creating a surgical environment that is culturally sensitive and relatable to Aboriginal, Torres Strait Islanders, and Māori communities. This is a top priority for RACS.

To actively support these objectives, we grant multiple scholarships and financial assistance to facilitate education and training initiatives for Indigenous medical students and junior doctors.

Associate Professor Kerin Fielding
President
 Royal Australasian College of Surgeons

The Royal Australasian College of Surgeons (RACS), formed in 1927, is a non-profit organisation training surgeons and maintaining surgical standards in Australia and Aotearoa New Zealand. The College's purpose is to be the leading advocate for surgical standards, professionalism and surgical education in Australia and Aotearoa New Zealand.

RACS works in partnership with specialist surgical societies and association to train medical doctors to become surgeons and to deliver professional development activities to maintain the surgical skills and standards of our Fellows. We also work with governments, hospitals and other organisation to ensure a well-qualified, experienced and appropriately distributed workforce in Australia and Aotearoa New Zealand.

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Acronyms

~	Not available
ACT	Australian Capital Territory
AOA	Australian Orthopaedic Association
ASGS-RA	Australian Statistical Geographic Standard – Remoteness Area
ASSET	Australian and New Zealand Surgical Skills Education and Training
AUS	Australia
CAR	Cardiothoracic Surgery
CCrISP	Care of the Critically Ill Surgical Patient
CE	Clinical Examination
CLE	Clinical Epidemiology
CLEAR	Critical Literature Evaluation and Research
CPD	Continuing Professional Development
EMST	Early Management of Severe Trauma
GEN	General Surgery
GP	General Practitioner
GSSE	Generic Surgical Science Examinations
MCNZ	Medical Council of New Zealand
MOPS	Maintenance of Professional Standards
NEU	Neurosurgery
No.	Number
NSW	New South Wales
NT	Northern Territory
NZ	New Zealand
OB & GYN	Obstetrics and Gynaecology
OPH	Ophthalmology

ORT	Orthopaedic Surgery
O/S	Overseas
OPBS	Orthopaedic Principles and Basic Science Examination
OSCE	Objective Structured Clinical Examinations
OTO	Otolaryngology - Head and Neck Surgery
OWR	Operating with Respect
PAE	Paediatric Surgery
PGY	Post Graduate Year/Medical Graduate
PLA	Plastic and Reconstructive Surgery
PRSSP	Plastic Surgical Science and Principles Exam
QLD	Queensland
RACS	Royal Australasian College Of Surgeons
RRMA	Rural, Remote and Metropolitan Areas
SA	South Australia
SET	Surgical Education Training
SIMG	Specialist International Medical Graduate
SSE	Surgical Science Examination
SEAM	Surgical Education and Assessment Modules
TAS	Tasmania
TIPS	Training in Professional Skills
URO	Urology Surgery
VAS	Vascular Surgery
VIC	Victoria
WA	Western Australia
WFD	Workforce Distribution

Introduction

The Royal Australasian College of Surgeons Activities Report outlines the demographic data for the year 2022. As with previous reports, the purpose is to provide a comprehensive review of RACS activities throughout the year.

This report details activity in the following six sections:

- **Section One:** Skills Training
- **Section Two:** Specialist International Medical Graduates
- **Section Three:** Surgical Education and Training
- **Section Four:** Examinations
- **Section Five:** Workforce Distribution
- **Section Six:** Professional Development and Standards

Each section reviews the purpose of and key findings in the data. This is followed by the data in table and graphical format where possible. Each of the six sections in this report and the data selected has been provided to facilitate a review of activities. All data presented is for the year 2022, unless otherwise stated. All data has been extracted from a copy of the RACS membership database taken on 31 December 2022.

Key developments for 2022

The number of female surgeons in active practice increased by over 5 per cent in the last year, with women making up over 15% of the active surgical workforce. Just over 23% of those obtaining RACS Fellowship in 2022 were female.

The number of individual female SET applicants has increased to over 37% of all individual applicants. There were 284 applicants who were offered a trainee position in 2022. 31 per cent of successful applicants were female in 2022.

RACS delivered professional development opportunities face-to-face, via webinars and online learning to over 1650 participants.

Section one: Skills Training

EXPLANATORY NOTES

The Skills Training Department delivers short courses for the following programs:

- ASSET: Australian and New Zealand Surgical Skills Education and Training
- CCrISP: Care of the Critically Ill Surgical Patient
- CLEAR: Critical Literature Evaluation and Research
- EMST: Early Management of Severe Trauma
- TIPS: Training in Professional Skills

Skills Training courses are a mandatory requirement of Surgical Education and Training (SET) with CCrISP and EMST mandated for all nine specialties and the ASSET, CLEAR and TIPS mandated across a selection of specialties. Doctors from a variety of medical disciplines are involved as both teaching faculty and participants. Skills Training courses incorporate a mix of formative and summative assessment, with participants closely mentored and their performances appraised. The CCrISP and EMST courses incorporate summative assessment (pass or fail) and include a performance feedback framework for SET and Specialist International Medical Graduates (SIMG) surgical supervisors when required.

ASSET

ASSET is a requirement for all SET trainees (excluding Neurosurgery and Paediatric Surgery). The course provides an educational package of generic surgical skills with an emphasis on small group teaching, intensive hands-on practice of basic skills, individual tuition, personal feedback to participants and the performance of practical procedures. Although this course is not formally assessed, attendees are required to attend and interact in all components to receive a certificate of successful completion. Participants are required to complete ten eLearning modules prior to attending the face-to-face course and are provided with a suture jig and disposable instruments to practice knot tying and suturing prior to the course.

CCrISP®

CCrISP® is a requirement for all SET Trainees. The course focuses on developing systematic skills for managing critically ill patients and promotes the co-ordination of multidisciplinary care where appropriate. The CCrISP® course encourages doctors to adopt a system of assessment to avoid errors and omissions and uses relevant clinical scenarios to reinforce the course objectives. Participants must complete five eLearning modules prior to attending the face-to-face course. Participants are assessed by their performance on practical skill stations throughout the course, as well as their performance in a 45-minute immersive simulated clinical scenario

CLEAR

CLEAR is a requirement for General Surgery, Neurosurgery, Orthopaedic Surgery New Zealand and Urology SET trainees. CLEAR is designed to teach doctors the language and concepts which underpin surgical research. By examining different study types, levels of evidence and gaining tools to critically appraise publications of surgical trials, they can make real connections between research and surgical practice. Participants will then possess the knowledge and skills to pursue research in their own areas of interest. There is no formal assessment for the CLEAR course; participants are required to complete nine online learning modules prior to attending the face-to-face course and attend all course components to achieve certification.

EMST

EMST is a requirement for all SET trainees. The course focuses on the management of trauma injury victims in the first one to two hours post-accident, with emphasis on life-saving skills and a systematic clinical approach. This course is assessed by contribution and performance in the various interactive discussions, skill stations, a 40-question multiple choice questionnaire paper, and a 45-minute immersive simulated clinical scenario. EMST is internationally recognised as equivalent to Advanced Trauma Life Support (ATLS) per a Memorandum of Understanding held between RACS and the American College of Surgeons.

TIPS

TIPS is a requirement for General Surgery, Orthopaedic Surgery, Plastic & Reconstructive Surgery New Zealand and Paediatric Surgery SET Trainees. TIPS focuses on patient-centred communication and team-oriented professional skills in surgery. Through simulation, participants address issues and events which occur in the clinical and operating theatre environment and require skills in communication, teamwork, crisis resource management and leadership. TIPS is designed to be relevant for all surgical specialties and is relevant for prevocational doctors as well as Trainees. There is no formal assessment for this course; participants are provided with direct feedback throughout the course and are required to attend all components to achieve certification. TIPS participants are required to complete seven Human Factors eLearning modules prior to attending the course.

Faculty

The Skills Training Department has 1263 volunteer faculty in its database. 2022 data shows 657 faculty taught on courses in 2022, this means 606 faculty on file have not taught in 12 months or longer. The Skills Department regularly contacts inactive faculty to ascertain their commitment to teaching on courses. The Skills Training faculty is a volunteer workforce including doctors from multiple disciplines including surgery, emergency medicine, anaesthetics, intensive care, general practice, clinical epidemiology, and medical educators.

TABLE ST.1 – Skills training course attendance by month and course type

Month and Course		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 2022	TOTAL 2021	% change 21/22
CCrISP Instructor Course	Courses	0	0	0	0	0	1	0	1	0	1	0	0	3	1	200.0
	Instructors	0	0	0	0	0	6	0	7	0	6	0	0	19	9	111.1
	Participants	0	0	0	0	0	10	0	13	0	7	0	0	30	12	150.0
CCrISP Provider Course	Courses	0	1	2	1	4	3	3	1	2	3	5	0	25	20	25.0
	Instructors	0	14	16	11	41	30	31	12	21	36	58	0	270	234	15.4
	Participants	0	13	32	16	63	47	40	16	31	48	79	0	385	282	36.5
EMST ADF Course	Courses	0	1	0	0	0	1	0	1	0	1	1	0	5	5	0.0
	Instructors	0	8	0	0	0	10	0	9	0	7	10	0	44	41	7.3
	Participants	0	14	0	0	0	16	0	16	0	16	16	0	78	55	41.8
EMST Instructor Course	Courses	0	1	1	0	0	0	1	0	0	0	1	0	4	1	300.0
	Instructors	0	7	7	0	0	0	8	0	0	0	9	0	31	6	416.7
	Participants	0	13	12	0	0	0	13	0	0	0	10	0	48	10	380.0
EMST Provider Course	Courses	0	2	3	2	6	3	6	5	5	5	8	1	46	34	35.3
	Instructors	0	19	23	18	55	26	54	49	44	47	72	11	418	377	10.9
	Participants	0	32	48	30	93	47	94	77	73	78	124	14	710	498	42.6
EMST Refresher Course	Courses	0	0	1	0	1	0	0	0	1	0	1	0	4	2	100.0
	Instructors	0	0	5	0	8	0	0	0	10	0	9	0	32	21	52.4
	Participants	0	0	10	0	11	0	0	0	12	0	15	0	48	31	54.8
ASSET	Courses	0	2	2	1	1	2	2	4	1	2	3	0	20	11	81.8
	Instructors	0	23	24	11	11	26	16	37	11	26	38	0	223	157	42.0
	Participants	0	33	32	20	20	40	26	69	20	34	59	0	353	190	85.8
CLEAR	Courses	0	1	1	1	1	1	1	1	1	1	1	0	10	4	150.0
	Instructors	0	4	4	4	4	5	4	3	4	4	3	0	39	14	178.6
	Participants	0	14	24	26	13	20	27	29	26	28	30	0	237	93	154.8
TIPS Instructor Course	Courses	0	0	0	0	0	0	0	1	0	0	0	0	1	0	-
	Instructors	0	0	0	0	0	0	0	5	0	0	0	0	5	0	-
	Participants	0	0	0	0	0	0	0	10	0	0	0	0	10	0	-
TIPS Provider Course	Courses	0	0	1	2	1	1	3	0	0	2	1	2	13	5	160.0
	Instructors	0	0	7	16	7	6	27	0	0	11	6	17	97	49	98.0
	Participants	0	0	11	28	12	12	46	0	0	28	16	31	184	70	162.9
Total	Courses	0	8	11	7	14	12	16	14	10	15	21	3	131	83	57.8
	Instructors	0	75	86	60	126	109	140	122	90	137	205	28	1178	908	29.7
	Participants	0	119	169	120	212	192	246	230	162	239	349	45	2083	1241	67.8

Number of instructors documented in this table is the number of instructors per course. A number of instructors teach on multiple courses therefore the number of individual instructors is lower.

TABLE ST.2 – Skills training course attendance by location and course

	Month and Course	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S*	TOTAL 2022	TOTAL 2021	% Change 21/22
CCrISP Instructor Course	Courses	0	0	0	0	0	0	2	0	2	1	0	3	1	200.0
	Instructors	0	0	0	0	0	0	13	0	13	6	0	19	9	111.1
	Participants	0	0	0	0	0	0	23	0	23	7	0	30	12	150.0
CCrISP Provider Course	Courses	0	5	0	5	2	0	6	2	20	4	1	25	20	25.0
	Instructors	0	56	0	48	19	0	70	25	218	43	9	270	234	15.4
	Participants	0	73	0	79	30	0	91	32	305	64	16	385	282	36.5
EMST ADF Course	Courses	0	4	0	1	0	0	0	0	5	0	0	5	5	0.0
	Instructors	0	37	0	7	0	0	0	0	44	0	0	44	41	7.3
	Participants	0	62	0	16	0	0	0	0	78	0	0	78	55	41.8
EMST Instructor Course	Courses	0	0	0	0	0	0	3	0	3	1	0	4	1	300.0
	Instructors	0	0	0	0	0	0	22	0	22	9	0	31	6	416.7
	Participants	0	0	0	0	0	0	38	0	38	10	0	48	10	380.0
EMST Provider Course	Courses	0	9	0	10	4	1	12	2	38	7	1	46	34	35.3
	Instructors	0	82	0	83	40	9	118	16	348	59	11	418	377	10.9
	Participants	0	140	0	155	61	16	181	32	585	109	16	710	498	42.6
EMST Refresher Course	Courses	0	1	0	0	0	0	1	1	3	1	0	4	2	100.0
	Instructors	0	5	0	0	0	0	9	10	24	8	0	32	21	52.4
	Participants	0	10	0	0	0	0	15	12	37	11	0	48	31	54.8
ASSET	Courses	0	6	0	4	1	0	6	1	18	2	0	20	11	81.8
	Instructors	0	68	0	52	11	0	63	13	207	16	0	223	157	42.0
	Participants	0	102	0	69	20	0	108	19	318	35	0	353	190	85.8
CLEAR	Courses	0	3	0	1	1	0	3	0	8	2	0	10	4	150.0
	Instructors	0	13	0	4	4	0	12	0	33	6	0	39	14	178.6
	Participants	0	70	0	26	27	0	55	0	178	59	0	237	93	154.8
TIPS Instructor Course	Courses	0	0	0	0	0	0	1	0	1	0	0	1	0	-
	Instructors	0	0	0	0	0	0	5	0	5	0	0	5	0	-
	Participants	0	0	0	0	0	0	10	0	10	0	0	10	0	-
TIPS Provider Course	Courses	0	3	0	3	1	0	3	1	11	2	0	13	5	160.0
	Instructors	0	18	0	23	7	0	23	8	79	18	0	97	49	98.0
	Participants	0	35	0	46	12	0	44	15	152	32	0	184	70	162.9
Total	Courses	0	31	0	24	9	1	37	7	109	20	2	131	83	57.8
	Instructors	0	279	0	217	81	9	335	72	993	165	20	1178	908	29.7
	Participants	0	492	0	391	150	16	565	110	1724	327	32	2083	1241	67.8

Note: Number of instructors documented in this table is the number of instructors per course. A number of instructors teach on multiple courses therefore the number of individual instructors is lower.

TABLE ST.3 – ASSET faculty by location and specialty

Location & Specialty	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% change 21/22
CAR	0	2	0	5	1	0	5	2	15	1	0	16	13	23.1
GEN	1	62	0	34	16	7	57	14	191	31	3	225	138	63.0
NEU	0	1	0	4	1	0	0	1	7	0	0	7	8	-12.5
OPH	0	1	0	0	0	0	0	0	1	0	0	1	1	0.0
ORT	1	18	0	8	2	1	17	2	49	24	0	73	47	55.3
OTO	0	7	0	3	3	0	0	3	16	6	0	22	18	22.2
PAE	0	3	0	0	2	0	1	2	8	6	0	14	6	133.3
PLA	1	7	0	6	3	0	9	1	27	5	1	33	20	65.0
URO	1	2	0	2	3	0	8	1	17	4	0	21	15	40.0
VAS	0	5	0	2	2	2	4	3	18	1	1	20	10	100.0
Sub Total	4	108	0	64	33	10	101	29	349	78	5	432	276	56.5
SIMG	0	0	0	0	0	0	0	0	0	0	0	0	3	-100.0
SET	0	0	0	0	0	0	0	0	0	0	0	0	2	-100.0
Other	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
TOTAL	4	108	0	64	33	10	101	29	349	78	5	432	282	53.2

TABLE ST.4 – CCrISP faculty by location and medical discipline

Location & Medical Discipline	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% change 21/22
Anesthesia	0	6	0	6	2	0	7	4	25	18	4	47	29	62.1
Emergency Medicine	1	1	0	4	4	1	1	1	13	0	1	14	12	16.7
General Practice	0	5	0	2	0	0	2	0	9	0	0	9	9	0.0
Intensive Care	2	7	0	3	2	2	4	2	22	2	0	24	15	60.0
Physician	0	0	0	0	2	0	0	0	2	1	0	3	1	200.0
Surgery	2	35	1	33	6	4	48	17	146	46	15	207	145	42.8
Other	0	1	0	1	0	0	1	0	3	0	1	4	2	100.0
Total	5	55	1	49	16	7	63	24	220	67	21	308	213	44.6

TABLE ST.5 – EMST faculty by location and medical discipline

Location & Medical Discipline	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% change 21/22
Anesthesia	1	29	0	18	2	2	19	6	77	7	2	86	49	75.5
Emergency Medicine	6	31	3	21	14	2	20	20	117	26	1	144	90	60.0
General Practice	0	6	0	11	3	1	6	3	30	6	0	36	24	50.0
Intensive Care	0	8	0	12	7	0	9	2	38	5	1	44	33	33.3
Surgery	4	48	0	22	8	3	34	14	133	30	13	176	110	60.0
Other	1	1	0	0	0	0	0	2	4	1	1	6	5	20.0
Total	12	123	3	84	34	8	88	47	399	75	18	492	311	58.2

TABLE ST.6 – CCrISP and EMST attendance by location and pass rate

Location and Course Pass Rate	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	OS	TOTAL 2022	TOTAL 2021	% Change 21/22	
CCrISP	Attended	0	73	0	79	30	0	91	32	305	64	16	385	294	31.0
	Pass	0	72	0	79	28	0	87	32	298	62	16	376	288	30.6
	%	-	99%	-	100%	93%	-	96%	100%	98%	97%	100%	98%	98%	-0.3
EMST	Attended	0	212	0	171	61	16	196	44	700	120	16	836	594	40.7
	Pass	0	184	0	146	46	15	173	37	601	109	8	718	539	33.2
	%	-	87%	-	85%	75%	94%	88%	84%	86%	91%	50%	86%	91%	-5.4

TABLE ST.7 – CLEAR faculty by location, specialty and medical discipline

Location, Specialty & Discipline	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021
CAR	0	1	0	0	0	0	0	0	1	0	0	1	1
GEN	0	2	0	2	0	2	2	2	10	2	0	12	9
NEU	0	0	0	0	0	0	1	0	1	0	0	1	1
ORT	0	2	0	2	0	0	0	0	4	1	0	5	9
OTO	0	0	0	0	0	0	0	0	0	0	0	0	0
PAE	0	0	0	0	0	0	0	0	0	1	0	1	0
PLA	0	0	0	0	0	0	1	0	1	0	0	1	1
URO	0	0	0	1	0	0	0	0	1	0	0	1	1
VAS	0	1	0	0	0	0	0	0	1	0	0	1	1
Sub Total	0	6	0	5	0	2	4	2	19	4	0	23	23
*CLE	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	0	6	0	5	0	2	4	2	19	4	0	23	29

*CLE – Clinical Epidemiologist

TABLE ST.8 – TIPS faculty by location and medical discipline

Location & Medical Discipline	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021
Anesthesia	0	2	0	0	1	0	0	0	3	0	0	3	2
Emergency Medicine	0	0	0	2	1	0	1	0	4	0	0	4	3
General Practice	0	0	0	0	0	0	0	1	1	0	0	1	0
Physician	0	0	0	0	1	0	0	0	1	1	0	2	1
Intensive Care	0	0	0	0	0	0	0	0	0	0	0	0	0
Surgery	1	12	0	5	7	0	11	6	42	16	0	58	28
Other	0	0	0	0	1	0	3	0	4	0	0	4	2
Total	1	14	0	7	11	0	15	7	55	17	0	72	36

Section two: Specialist International Medical Graduates

EXPLANATORY NOTES

AUSTRALIA

RACS is accredited by the Australian Medical Council (AMC) to train surgeons and maintain surgical standards. Specialist International Medical Graduates (SIMGs) with formal postgraduate specialist qualifications in surgery who wish to practice in Australia, apply to RACS for an assessment of their comparability to an Australian and Aotearoa New Zealand trained surgeon.

When assessing comparability, RACS considers the training program completed and subsequent to that any further training, assessment, experience, recent practice and continuing professional development (CPD) undertaken by the SIMG to determine whether all these components will enable the SIMG to practice at a level comparable to the standard expected of an Australian and Aotearoa New Zealand trained surgical specialist commencing in the same field of practice.

Specialist International Medical Graduates – Specialist and/or Area of Need Assessment

The processes for assessing the comparability of SIMGs to Australian and Aotearoa New Zealand trained Fellows are in accordance with the principles outlined in the following publications:

- RACS – Specialist Assessment of Specialist International Medical Graduates in Australia
<https://www.surgeons.org/SIMGs/contacts-guidelines-and-forms>
- RACS – Assessing a Specialist International Medical Graduate’s Comparability to an Australian and Aotearoa New Zealand Trained Surgical Specialist
<https://www.surgeons.org/SIMGs/contacts-guidelines-and-forms>

- Australian Medical Council (AMC)
– Standards for Assessment and Accreditation of Specialist Medical Programs and Professional Development Programs by the Australian Medical Council 2015
[AMC Accreditation Standards and Procedures](#)
- Medical Board of Australia (MBA) Standards – Specialist medical college assessment of specialist international medical graduates
<https://www.medicalboard.gov.au/Registration/International-Medical-Graduates/Specialist-Pathway.aspx>

Specialist International Medical Graduates – RACS Supervised Practice

The processes related to the RACS supervised practice of SIMGs are in accordance with the principles outlined in the following publications:

- RACS – Assessment of the Clinical Practice of SIMGs in Australia and New Zealand
<https://www.surgeons.org/SIMGs/contacts-guidelines-and-forms>
- RACS – Supervisors of Specialist International Medical Graduates in Australia and Aotearoa New Zealand
<https://www.surgeons.org/SIMGs/contacts-guidelines-and-forms>
- Medical Board of Australia (MBA) – Supervised practice for international medical graduates
<http://www.medicalboard.gov.au/Codes-Guidelines-Policies.aspx>

Specialist International Medical Graduates – Short Term Training in a Medical Specialty Pathway

The Short Term Training in a Medical Specialty Pathway allows overseas-trained specialists or specialists-in-training the opportunity to undertake a short period (usually up to 24 months) of specialist or advanced training with the objective of developing surgical skills not available in their country of training.

The processes related to the Short Term Training in a Medical Specialty Pathway are in accordance with the principles outlined in the following publications:

- RACS – Short Term Training in a Medical Specialty Pathway
<https://www.surgeons.org/SIMGs/contacts-guidelines-and-forms>
- Medical Board of Australia (MBA)
– Short Term Training in a Medical Specialty Pathway
<http://www.medicalboard.gov.au/Registration/International-Medical-Graduates/Short-term-training.aspx>

AOTEAROA NEW ZEALAND

In Aotearoa New Zealand, the College acts as an agent of, and provides recommendations to, the Medical Council of New Zealand (MCNZ) on applications by SIMGs for vocational registration in one of RACS' nine surgical specialties. The provision of preliminary advice, an interview or a review occurs only in response to a request from the MCNZ.

The MCNZ holds statutory responsibility for approving the standard for registration and requests that the College advise whether an SIMG's training, qualifications and experience are equivalent to, or as satisfactory as, those of a locally trained doctor registered in the same vocational scope of surgery.

A recommendation on the SIMG's suitability for the vocational registration pathway and, if suitable for that pathway whether s/he should be under MCNZ approved supervision while adjusting to working in the Aotearoa New Zealand health environment or under College approved assessment to also ensure s/he is practicing at the required standard, is provided to the MCNZ. The MCNZ considers this and determines the type of medical registration that will be offered to the SIMG and any restrictions or conditions that may be placed on that registration. The MCNZ advises the College and the SIMG of its decision.

If the SIMG is required to undertake a College approved vocational assessment, the College is asked to approve the post and the supervisor(s) and the supervisor's reports are sent to the College and to the MCNZ. Once all assessment requirements have been completed by the SIMG, the College recommends to the MCNZ whether

the SIMG should be approved for inclusion on the vocational register in the relevant specialty, or not.

Admission to Fellowship of the Royal Australasian College of Surgeons is a decision of the College alone and that is not part of the vocational registration assessments for the MCNZ. SIMGs who have obtained vocational registration in Aotearoa New Zealand may apply to the College for admission to Fellowship, and the information from the vocational registration process may be considered by the College in reaching its decision on that application.

Australia

TABLE SIMG.1 – Number of Specialist International Medical Graduate applications received by specialty

	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2022
Specialist recognition	10	14	2	10	4	2	8	6	3	59
Area of need	0	0	0	0	0	0	0	0	0	0
Total	10	14	2	10	4	2	8	6	3	59

TABLE SIMG.2 – Specialist International Medical Graduate Countries of Training

Country	Qualification	
	Primary	Specialist
Australia	3	0
Belgium	1	1
Canada	1	1
Egypt	1	1
England	0	2
France	1	1
Germany	2	3
Hungary	1	1
India	17	17
Iran	2	2
Iraq	1	1
Ireland	3	2
Kenya	1	1
Lebanon	1	1
Malaysia	2	2
Mexico	1	1
Republic Of Ireland	0	1
Scotland	2	0
Singapore	0	1
South Africa	5	5
Sri Lanka	4	3
Sweden	0	1
Switzerland	1	1
U.S.A.	2	2
United Kingdom	5	6
Total	57	57

*The country in which the SIMG gained their qualification (primary qualification and specialist qualification).

TABLE SIMG.3 – Number of Specialist International Medical Graduates not comparable after initial paper-based review

	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2022
No. of SIMGs not comparable	1	0	1	2	0	0	2	0	0	6

Note: SIMGs are subject to document-based assessment only. Interview is not required. Data inclusive of applications activated in 2021.

TABLE SIMG.4 – Number of applications withdrawn by Specialist International Medical Graduates

	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2022
Before initial assessment	0	1	2	1	0	0	0	2	0	6
Between initial and final assessment	0	2	1	0	0	1	0	0	0	4
Total	0	3	3	1	0	1	0	2	0	10

Note: Number of SIMGs who notify the college that they no longer wish to proceed with their application for specialist assessment. Data inclusive of applications assessed in 2022.

TABLE SIMG.5 – Specialist assessment pathway: Specialist International Medical Graduate outcome of initial assessment

Outcome following the college's paper-based review and/or interview as documented in Medical Board of Australia Report 1

Assessment result	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2022
Substantially comparable (full scope)	1	2	0	1	0	0	0	0	0	4
Partially comparable	3	6	0	0	2	2	3	1	0	17
Not comparable	2	2	1	3	0	0	4	3	1	16
In progress	4	4	1	6	2	0	1	2	2	22
Total	10	14	2	10	4	2	8	6	3	59
Applications activated in 2022	10	14	2	10	4	2	8	6	3	59
Total processed	10	14	2	10	4	2	8	6	3	59

Note: If SIMG's comparability is based on a limited scope of practice this should be noted. Data inclusive of applications activated in 2021.

TABLE SIMG.6 – Specialist assessment pathway: Specialist International Medical Graduate specialists under oversight / supervision

Supervision / oversight period		Clinical assessment - by specialty									Total 2022
		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	
Currently under supervision	≤ 12 months	3	5	0	1	1	0	0	1	0	11
	≤ 18 months	0	0	1	4	0	0	0	2	0	7
	≤ 24 months	5	9	0	6	5	0	5	2	3	35
Completed supervision		3	5	2	5	3	1	4	2	3	28
Total		11	19	3	16	9	1	9	7	6	81

Supervision / oversight period		Clinical assessment - by location of residence										Total 2022
		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	
Currently under supervision	≤ 12 months	0	1	0	4	1	0	1	3	10		10
	≤ 18 months	0	2	1	1	1	0	3	0	8		8
	≤ 24 months	2	10	2	8	2	0	7	3	34	1	35
Completed supervision										0		0
Total		2	13	3	13	4	0	11	6	52	1	53

TABLE SIMG.7 – Area of need pathway: Specialist International Medical Graduate outcome of initial assessment

Outcome following the college's paper-based review and/or interview as documented in Medical Board of Australia Report 1

Assessment result	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2022
Substantially comparable (full scope)	0	0	0	0	0	0	0	0	0	0
Substantially comparable (defined scope)	0	0	0	0	0	0	0	0	0	0
Partially comparable	0	0	0	0	0	0	0	0	0	0
Not comparable	0	0	0	0	0	0	0	0	0	0
In progress	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Applications activated in 2022	0	0	0	0	0	0	0	0	0	0
Total processed	0	0	0	0	0	0	0	0	0	0

Note: There were no Area of Need Pathway applications in 2022.

TABLE SIMG.8 – Area of need pathway: Specialist International Medical Graduate specialists under oversight/ supervision

Supervision / oversight period		Clinical assessment - by specialty									Total 2022
		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	
Currently under supervision	≤ 12 months	0	0	1	2	3	0	0	0	0	6
	≤ 24 months	0	0	0	0	0	0	1	0	0	1
Completed oversight/ supervision		0	0	1	1	3	0	0	0	0	5
Total		0	0	2	3	6	0	1	0	0	12

Supervision / oversight period		Clinical assessment - by location of residence										Total 2021
		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	
Currently under oversight	≤ 12 months	0	0	0	0	0	0	0	0	0	0	0
	≤ 24 months	0	0	0	0	0	0	0	0	0	0	0
Completed oversight/ supervision		0	0	4	0	0	2	1	0	7	0	7
Total		0	0	4	0	0	2	1	0	7	0	7

TABLE SIMG.9 – Specialist International Medical Graduate outcome of area of need assessment

Outcome following the college's paper-based review as documented in area of need assessment outcome report or Medical Board of Australia (MBA) Report combined report.

	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2022
Suitable for area of need position	0	0	0	0	0	0	0	0	0	0
Not suitable for area of need position	0	0	0	0	0	0	0	0	0	0
In progress	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0

Note: There were no Area of Need Pathway applications in 2022.

TABLE SIMG.10 – Specialist International Medical Graduate outcome of final assessment

Outcome following the college's final assessment (after the SIMG has completed all the requirements in MBA report 1) as documented in Medical Board of Australia Report 2

		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2022
Recommended for recognition as specialist	Substantially comparable (full scope)	0	1	0	1	2	0	0	0	0	4
	Substantially comparable (defined scope)	2	0	0	0	0	0	0	0	0	2
	Partially comparable	1	3	1	3	5	0	4	0	2	19
	Not comparable	0	0	0	0	0	0	0	0	0	0
Not recommended for recognition as specialist	Substantially comparable (full scope)	0	0	0	0	0	0	0	0	0	0
	Substantially comparable (defined scope)	0	0	0	0	0	0	0	0	0	0
	Partially comparable	0	0	0	0	0	0	0	0	0	0
	Not comparable	2	2	0	4	0	0	4	4	1	17
Total		5	6	1	8	7	0	8	4	3	42

Note: 'Substantially Comparable (limited scope)' has been added since 2017.

TABLE SIMG.11 – Specialist International Medical Graduate time for specialist recognition initial assessment

	2022
0-3 months	33
4-6 months	25
7-12 months	1
13 months +	0
In progress	22
Total	81

Note: Timeframe to process from date application is activated until final recommendation. As documented in Medical Board of Australia Report 1.

TABLE SIMG.12 – Specialist International Medical Graduate time for area of need assessment

	2022
0-3 months	0
4-6 months	0
7-12 months	0
13 months +	0
In progress	0
Total	0

Note: Timeframe to process from date application is activated until final recommendation. As documented in Medical Board of Australia Report 1.

TABLE SIMG.13 – Specialist International Medical Graduate time for specialist recognition final assessment

	2022
0-3 months	0
4-6 months	0
7-12 months	0
13-18 months	3
19-24 months	3
25-36 months	11
37-48 months	7
48 months +	11
Total	35

Note: Timeframe to complete all requirements as specified in specialist recommendation. Period is noted from date of commencement of clinical assessment. As documented in Medical Board of Australia Report 2.

TABLE SIMG.14 – Specialist International Medical Graduate - number and outcome of appeal

Total number of appeals		2022
Decision being appealed	Outcome of initial assessment	20
	Outcome of final assessment	0
Original decision	Not comparable	14
	Partially comparable	6
RACS decision	Upheld	13
	Overtaken	7

TABLE SIMG.15 – Short-termed specified training: Specialist International Medical Graduate applications by specialty

RACS decision	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2022
Approved	28	25	12	118	17	11	27	14	7	259
Denied	0	0	0	0	0	0	0	0	0	0
Pending	0	0	0	0	0	0	0	0	0	0
In Process	0	0	0	1	0	0	0	0	0	1
Total	28	25	12	119	17	11	27	14	7	260

TABLE SIMG.16 – Short-termed specified training: Specialist International Medical Graduate specialist applications by location

RACS decision	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	Total 2022
Approved	2	81	5	33	25	1	69	28	244	1	245
Denied	0	0	0	0	0	0	0	0	0	0	0
Pending	0	0	0	0	0	0	0	0	0	0	0
In Process	0	0	0	0	0	0	0	0	0	0	0
Total	2	81	5	33	25	1	69	28	244	1	245

TABLE SIMG.17 – Number of Specialist International Medical Graduate specialists practicing in Australia

	Total 2022
Total number of SIMGs practicing in Australia with valid assessment	71

Note: SIMGs undergoing clinical assessment or SIMGs who have completed clinical assessment and are required to complete the College's Fellowship Examination and/or other requirements as stipulated in their specialist recommendation following a document based assessment and interview.

Aoteaora New Zealand

TABLE SIMG.18 – Applications for Specialist International Medical Graduates

Preliminary advice to the MCNZ following documentation review	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL
Likely To Be Suitable For Vocational Pathway	0	1	1	1	0	0	0	0	0	3
Unlikely To Be Suitable For Vocational Pathway	0	4	1	2	0	0	1	0	0	8
Unable To Determine Suitability By Documentation Only	0	2	1	0	1	0	1	0	1	6
Preliminary Advise requests not yet completed	0	0	0	0	0	0	0	0	0	0
Total	0	7	3	3	1	0	2	0	1	17

TABLE SIMG.19 – Interview outcomes for Specialist International Medical Graduate applicants

Advice to MCNZ following interview	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL
Vocational Pathway - Supervision (MCNZ approved)	0	2	0	1	6	0	2	0	0	11
Vocational Pathway - Supervised Assessment (College Approved)	2	6	0	5	3	0	0	0	0	16
Not Recommended As Suitable For Vocational Pathway	1	1	0	1	1	0	1	1	0	6
Total	3	9	0	7	10	0	3	1	0	33

Applications yet to achieve interview completion	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL
applicants withdrawn prior to interview 2022	0	0	0	0	0	0	0	0	0	0
applicants awaiting interview at end of December 2022	0	0	0	0	2	0	0	0	0	2
interview process incomplete at end of December 2022	0	2	1	1	0	0	0	0	0	4
Total	0	2	1	1	2	0	0	0	0	6

TABLE SIMG.20 – Specialist International Medical Graduates specialists participating in vocational assessment

IMGs under College approved Vocational Assessment in 2022	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL
For Full Scope Registration	2	6	1	7	5	0	0	2	0	23
For Restricted Scope Registration	0	1	0	1	0	0	0	0	0	2
Total	2	7	1	8	5	0	0	2	0	25

College approved vocational assessments completed in 2021	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL
To Satisfactory Standard	0	1	0	2	2	0	0	1	1	7
Not To Satisfactory Standard	0	0	0	0	0	0	0	0	0	0
Withdrawn from program	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	2	2	0	0	1	1	7

TABLE SIMG.21 – RACS review of recommendations for Specialist International Medical Graduate specialist applicants at the request of the Medical Council of New Zealand

RACS Recommendation after review (in 2022 includes comments on submissions made by SIMGs)	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL
Recommendation Altered	0	0	0	0	0	0	0	0	0	0
Recommendation Not Altered	0	0	0	1	1	0	1	0	0	3
In progress	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1	1	0	1	0	0	3

MCNZ decision of RACS review	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL
RACS review accepted by MCNZ	0	0	0	0	1	0	1	0	0	2
RACS review not accepted by MCNZ	0	0	0	1	0	0	0	0	0	1
In progress	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1	1	0	1	0	0	3

Section Three: Surgical Education and Training

EXPLANATORY NOTES

The College is accredited and authorised to conduct surgical training in nine specialties.

The following specialties conduct bi-national training programs:

- Cardiothoracic Surgery
- Neurosurgery
- Paediatric Surgery
- Urology Surgery; and
- Vascular Surgery.

Separate programs are conducted in Australia and Aotearoa New Zealand for the following specialties:

- General Surgery
- Orthopaedic Surgery
- Otolaryngology Head and Neck Surgery; and
- Plastic and Reconstructive Surgery.

The number of appointments made in any year is dependent on the number of trainees finishing the program and the consequent number of vacant accredited posts. The College does not control the number of posts available but accredits posts nominated by jurisdictions. RACS has committed to accrediting any training post that meets the accreditation standards.

Since the introduction of the SET program in 2008, individual specialties have diverged from a common categorisation of trainee SET level. Consequently this report is based on “years in training” and doesn’t reflect individual trainees’ progress towards Fellowship.

The Australian Orthopaedic Association has not notified RACS of the regional or person type breakdown of unsuccessful applications received for the orthopaedic program in Australia. The totals listed in tables SET.1 to SET.4 include successful applicants to Orthopaedic only. Also, it is

unclear whether unsuccessful applicants to the Orthopaedic program in Australia made applications to other specialties (Table SET.3).

Active Trainees who started training, finished training or were admitted to Fellowship in the middle of the year are not counted as an active Trainee in all tables.

DATA HIGHLIGHTS

Applications: A total of 799 applications across the nine specialties were received in 2022 for the 2023 SET intake. Of these, 284 applicants were offered a Trainee position in (Table SET.5). . Of the applications received, 280 applicants (35%) were women and 419 were men (Table SET.1). Of the 88 women who received an offer in the 2022 selection process for the 2023 intake, 48 (33.8% of female applicants) received an offer to General Surgery in Australia and Aotearoa New Zealand (Table SET.5). When comparing the relative proportion of female applicants who received an offer to each specialty, 50% of females who submitted an application to Paediatric Surgery received an offer (Table SET.5).

Active SET Trainees: In 2022, there were 1264 Trainees on the SET Program, which is consistent with 2021 number. 32.0 per cent of active Trainees were female in 2022 compared to 29.6% of active trainees being female in 2021 (Table SET.15). There were 19 female Trainees approved for Flexible (less than full-time) Training in 2022 which is a 58% increase from 2021 (Table SET.6). 7 Trainees identified as Aboriginal or Torres Strait Islander which is a slight decrease to the previous year. 29 Trainees identified as Māori in 2022 compared to 18 Trainees in 2021 (Table 25).

TABLE SET.1 – SET applications by specialty, gender and applicant type^a

Specialty & Type	SET	SIMG	NON SIMG / Trainee ^b	Fellow	TOTAL 2022 ^a	TOTAL 2021 ^a	% Change 21/22	
CAR	Male	0	0	35	0	35	35	0.0%
	Female	1	0	11	0	12	14	-14.3%
	Total	1	0	46	0	47	49	-4.1%
GEN	Male	0	0	185	0	185	188	-1.6%
	Female	0	0	142	0	142	140	1.4%
	Total	0	0	327	0	327	328	-0.3%
NEU	Male	0	0	46	0	46	42	9.5%
	Female	0	0	17	0	17	9	88.9%
	Total	0	0	63	0	63	51	23.5%
ORT ^c	Male	0	0	74	0	74	74	0.0%
	Female	0	0	20	0	20	15	33.3%
	Total	0	0	94	0	94	89	5.6%
OTO	Male	2	0	54	0	56	53	5.7%
	Female	1	0	21	0	22	27	-18.5%
	Total	3	0	75	0	78	80	-2.5%
PAE	Male	0	0	7	0	7	6	16.7%
	Female	2	0	4	0	6	10	-40.0%
	Total	2	0	11	0	13	16	-18.8%
PLA	Male	0	0	52	0	52	37	40.5%
	Female	0	0	32	0	32	22	45.5%
	Total	0	0	84	0	84	59	42.4%
URO	Male	0	0	35	0	35	41	-14.6%
	Female	0	0	11	0	11	6	83.3%
	Total	0	0	46	0	46	47	-2.1%
VAS	Male	4	0	25	0	29	28	3.6%
	Female	3	0	15	0	18	16	12.5%
	Total	7	0	40	0	47	44	6.8%
Total	Male	6	0	513	0	519	504	3.0%
	Female	7	0	273	0	280	259	8.1%
	Total	13	0	786	0	799	763	4.7%

^aTotal number of SET applications may include more than one application from an individual.

^bNon-SIMG/Trainee refers to applications from those not currently Fellows, Trainees or SIMGs.

^cIncludes successful Australian Orthopaedic surgery applications only. In 2022, there were 233 applications from Males and 189 applications from females. The application type is unknown and therefore not included here.

TABLE SET.2 – SET applications by specialty and location of residence^a

Location & Specialty		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022 ^a	TOTAL 2021 ^a	% Change 21/22
CAR	Male	0	8	0	4	4	2	7	4	29	6	0	35	35	0.0
	Female	0	6	0	1	1	0	1	0	9	3	0	12	14	-14.3
	Total	0	14	0	5	5	2	8	4	38	9	0	47	49	-4.1
GEN	Male	3	43	2	33	16	5	42	12	156	29	0	185	188	-1.6
	Female	2	35	2	29	10	0	33	10	121	21	0	142	140	1.4
	Total	5	78	4	62	26	5	75	22	277	50	0	327	328	-0.3
NEU	Male	2	13	1	8	4	0	13	2	43	3	0	46	42	9.5
	Female	1	8	0	3	0	0	5	0	17	0	0	17	9	88.9
	Total	3	21	1	11	4	0	18	2	60	3	0	63	51	23.5
ORT ^b	Male	0	16	0	9	5	1	7	5	43	31	0	74	74	0.0
	Female	0	2	0	1	0	0	5	0	8	12	0	20	15	33.3
	Total	0	18	0	10	5	1	12	5	51	43	0	94	89	5.6
OTO	Male	1	18	0	11	1	1	11	2	45	11	0	56	53	5.7
	Female	0	4	0	5	1	0	6	2	18	4	0	22	27	-18.5
	Total	1	22	0	16	2	1	17	4	63	15	0	78	80	-2.5
PAE	Male	0	3	0	0	1	0	1	0	5	2	0	7	6	16.7
	Female	1	2	0	2	0	0	1	0	6	0	0	6	10	-40.0
	Total	1	5	0	2	1	0	2	0	11	2	0	13	16	-18.8
PLA	Male	0	12	0	8	4	2	13	10	49	3	0	52	37	40.5
	Female	0	7	0	4	3	0	11	3	28	4	0	32	22	45.5
	Total	0	19	0	12	7	2	24	13	77	7	0	84	59	42.4
URO	Male	0	8	0	8	1	0	7	3	27	8	0	35	41	-14.6
	Female	1	2	0	2	0	0	5	1	11	0	0	11	6	83.3
	Total	1	10	0	10	1	0	12	4	38	8	0	46	47	-2.1
VAS	Male	2	8	0	6	0	0	2	3	21	8	0	29	28	3.6
	Female	1	7	0	2	0	0	3	0	13	5	0	18	16	12.5
	Total	3	15	0	8	0	0	5	3	34	13	0	47	44	6.8
Total	Male	8	129	3	87	36	11	103	41	418	101	0	519	504	3.0
	Female	6	73	2	49	15	0	70	16	231	49	0	280	259	8.1
	Total	14	202	5	136	51	11	173	57	649	150	0	799	763	4.7

^a Total number of SET applications may include more than one application from an individual.

^b Includes successful Australian Orthopaedic surgery applications only. In 2022, there were 233 applications from Males and 189 applications from females. Their geographic location is unknown and therefore not included here.

TABLE SET.3 – Individual SET applicants by number of applications and applicant type^a

Number & Type	SET	SET Deferred	SIMG	NON IMG / Trainee	Fellow	TOTAL 2022	TOTAL 2021	% Change 21/22	
1	Male	6	0	0	468	0	474	465	1.9
	Female	7	0	0	258	0	265	234	13.2
	Total	13	0	0	726	0	739	699	5.7
2	Male	0	0	0	21	0	21	18	16.7
	Female	0	0	0	6	0	6	11	-45.5
	Total	0	0	0	27	0	27	29	-6.9
3	Male	0	0	0	1	0	1	1	0.0
	Female	0	0	0	1	0	1	1	NA
	Total	0	0	0	2	0	2	2	0.0
24	Male	0	0	0	0	0	0	0	NA
	Female	0	0	0	0	0	0	0	NA
	Total	0	0	0	0	0	0	0	NA
Total	Male	6	0	0	490	0	496	484	2.5
	Female	7	0	0	265	0	272	246	10.6
	Total	13	0	0	755	0	768	730	5.2

^aTotal number of SET applications may include more than one application from an individual.

Unsuccessful applicants to the Australian Orthopaedic SET program are not included. In 2022, there were 233 applications from Males and 189 applications from females. The application type and number of applications per applicant is unknown and therefore not included here.

TABLE SET.4 – SET applications outcome by specialty and applicant type^{a,b}

Specialty	Offers		Unsuccessful		Waiting List		Withdrawn		Ineligible		Declined		Total application outcomes 2022
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
CAR	7	14.9	39	83.0	0	0.0	0	0.0	0	0.0	1	2.1	47
GEN	122	37.3	202	61.8	0	0.0	0	0.0	1	0.3	2	0.6	327
NEU	10	15.9	17	27.0	0	0.0	0	0.0	36	57.1	0	0.0	63
ORT	63	67.0	31	33.0	0	0.0	0	0.0	0	0.0	0	0.0	94
OTO	24	30.8	54	69.2	0	0.0	0	0.0	0	0.0	0	0.0	78
PAE	4	30.8	1	7.7	0	0.0	0	0.0	8	61.5	0	0.0	13
PLA	26	31.0	57	67.9	0	0.0	0	0.0	1	1.2	0	0.0	84
URO	18	39.1	27	58.7	0	0.0	0	0.0	0	0.0	1	2.2	46
VAS	10	21.3	20	42.6	0	0.0	0	0.0	17	36.2	0	0.0	47
Total	284	35.5	448	56.1	0	0.0	0	0.0	63	7.9	4	0.5	799
Applicant type													
SET	3	23.1	9	69.2	0	0.0	0	0.0	1	7.7	0	0.0	13
SIMG	0	-	0	-	0	-	0	0.0	0	0.0	0	-	0
F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
Non SIMG / Trainee	281	35.9	439	56.1	0	0.0	0	0.0	62	7.9	4	0.5	782
Total	284	35.5	448	56.1	0	0.0	0	0.0	63	7.9	4	0.5	799

^aTotals do not include declined applications as they were subsequently offered to other applicants and reflected in the Offers column.

^bOnly successful Australian Orthopaedic applications are indicated. In 2022, there were 233 applications from Males and 189 applications from females. 46 applications from Males and eight applications from Females were accepted. The application type is unknown and therefore not included here.

TABLE SET.5 – Successful SET application by specialty and location of residence

Specialty & Location		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
CAR	Male	0	2	0	0	0	0	1	1	4	0	0	4	5	-20.0
	Female	0	1	0	0	0	0	1	0	2	1	0	3	1	200.0
	Total	0	3	0	0	0	0	2	1	6	1	0	7	6	16.7
GEN	Male	1	15	0	15	9	2	17	4	63	11	0	74	56	32.1
	Female	1	14	2	8	2	0	12	3	42	6	0	48	46	4.3
	Total	2	29	2	23	11	2	29	7	105	17	0	122	102	19.6
NEU	Male	0	1	0	2	1	0	2	0	6	1	0	7	12	-41.7
	Female	0	1	0	1	0	0	1	0	3	0	0	3	1	200.0
	Total	0	2	0	3	1	0	3	0	9	1	0	10	13	-23.1
ORT	Male	0	16	0	9	5	1	7	5	43	12	0	55	50	10.0
	Female	0	2	0	1	0	0	5	0	8	0	0	8	11	-27.3
	Total	0	18	0	10	5	1	12	5	51	12	0	63	61	3.3
OTO	Male	0	4	0	3	1	0	3	1	12	4	0	16	13	23.1
	Female	0	1	0	2	0	0	3	1	7	1	0	8	8	0.0
	Total	0	5	0	5	1	0	6	2	19	5	0	24	21	14.3
PAE	Male	0	1	0	0	0	0	0	0	1	0	0	1	0	-
	Female	0	1	0	1	0	0	0	1	3	0	0	3	2	50.0
	Total	0	2	0	1	0	0	0	1	4	0	0	4	2	100.0
PLA	Male	0	3	0	5	1	0	3	1	13	3	0	16	15	6.7
	Female	0	2	0	0	2	0	2	0	6	4	0	10	7	42.9
	Total	0	5	0	5	3	0	5	1	19	7	0	26	22	18.2
URO	Male	0	3	0	4	1	0	6	0	14	1	0	15	17	-11.8
	Female	1	1	0	1	0	0	0	0	3	0	0	3	2	50.0
	Total	1	4	0	5	1	0	6	0	17	1	0	18	19	-5.3
VAS	Male	0	2	0	3	0	0	0	1	6	2	0	8	8	0.0
	Female	0	2	0	0	0	0	0	0	2	0	0	2	2	0.0
	Total	0	4	0	3	0	0	0	1	8	2	0	10	10	0.0
Total	Male	1	47	0	41	18	3	39	13	162	34	0	196	176	11.4
	Female	2	25	2	14	4	0	24	5	76	12	0	88	80	10.0
	Total	3	72	2	55	22	3	63	18	238	46	0	284	256	10.9

TABLE SET.6 – Active SET Trainees by status and training location^a

Trainee status		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
Clinical	Male	14	265	5	149	51	10	164	52	710	133	1	844	846	-0.2
	Female	6	94	4	56	21	7	85	33	306	75	0	381	345	10.4
	Total	20	359	9	205	72	17	249	85	1016	208	1	1225	1191	2.9
Accredited Research	Male	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Total	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
Part Time	Male	0	1	0	0	1	0	4	0	6	1	0	7	7	0.0
	Female	0	6	0	3	2	1	5	0	17	2	0	19	12	58.3
	Total	0	7	0	3	3	1	9	0	23	3	0	26	19	36.8
Probationary	Male	0	0	0	0	0	0	1	0	1	2	0	3	0	-
	Female	0	0	0	0	0	0	1	0	1	1	0	2	1	100.0
	Total	0	0	0	0	0	0	2	0	2	3	0	5	1	400.0
Exam Pending	Male	0	2	0	1	1	0	1	0	5	1	0	6	6	0.0
	Female	0	1	0	0	0	0	1	0	2	0	0	2	4	-50.0
	Total	0	3	0	1	1	0	2	0	7	1	0	8	10	-20.0
Total	Male	14	268	5	150	53	10	170	52	722	137	1	860	860	0.0
	Female	6	101	4	59	23	8	92	33	326	78	0	404	362	11.6
	Total	20	369	9	209	76	18	262	85	1048	215	1	1264	1222	3.4

^a Total data cannot be verified as Australian Orthopaedic Association do not routinely report individual Australian Orthopaedic trainee data to RACS.

TABLE SET.7 – Inactive SET Trainees by status and training location^a

Location of Training by SET Status		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
Approved Interruption to training	Male	0	4	1	3	3	0	3	2	16	8	1	25	26	-3.8
	Female	0	7	0	1	5	0	10	2	25	4	0	29	49	-40.8
	Total	0	11	1	4	8	0	13	4	41	12	1	54	75	-28.0
Deferred	Male	0	1	0	0	0	0	2	1	4	1	0	5	5	0.0
	Female	0	0	0	0	1	0	1	0	2	2	0	4	4	0.0
	Total	0	1	0	0	1	0	3	1	6	3	0	9	9	0.0
Suspended	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	-
TOTAL	Male	0	5	1	3	3	0	5	3	20	9	1	30	31	-3.2
	Female	0	7	0	1	6	0	11	2	27	6	0	33	53	-37.7
	Total	0	12	1	4	9	0	16	5	47	15	1	63	84	-25.0

^a Total data cannot be verified as Australian Orthopaedic Association do not routinely report individual Australian Orthopaedic trainee data to RACS.

TABLE SET.8 – Active SET Trainees by status and specialty^a

Trainee Status		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL 2022	TOTAL 2021	% Change 21/22
Clinical	Male	23	284	43	244	66	9	64	78	33	844	846	-0.2
	Female	10	188	12	59	28	12	36	24	12	381	345	10.4
	Total	33	472	55	303	94	21	100	102	45	1225	1191	2.9
Accredited Research	Male	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Female	0	0	0	0	0	0	0	0	0	0	0	-
	Total	0	0	0	0	0	0	0	0	0	0	1	-100.0
Part Time	Male	0	7	0	0	0	0	0	0	0	7	7	0.0
	Female	1	13	0	0	3	0	0	2	0	19	12	58.3
	Total	1	20	0	0	3	0	0	2	0	26	19	36.8
Probationary	Male	1	0	0	0	0	0	2	0	0	3	0	-
	Female	0	0	0	0	0	0	2	0	0	2	1	100.0
	Total	1	0	0	0	0	0	4	0	0	5	1	400.0
Exam Pending	Male	3	3	0	0	0	0	0	0	0	6	6	0.0
	Female	0	1	0	1	0	0	0	0	0	2	4	-50.0
	Total	3	4	0	1	0	0	0	0	0	8	10	-20.0
Total	Male	27	294	43	244	66	9	66	78	33	860	860	0.0
	Female	11	202	12	60	31	12	38	26	12	404	362	11.6
	Total	38	496	55	304	97	21	104	104	45	1264	1222	3.4

^a Total data cannot be verified as Australian Orthopaedic Association do not routinely report individual Australian Orthopaedic trainee data to RACS.

TABLE SET.9 – Inactive SET Trainees by status and specialty^a

Trainee status		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL 2022	TOTAL 2021	% Change 21/22
Approved Interruption to training	Male	0	19	0	0	3	2	0	0	1	25	26	-3.8
	Female	0	21	2	0	0	0	2	4	0	29	49	-40.8
	Total	0	40	2	0	3	2	2	4	1	54	75	-28.0
Deferred	Male	0	3	0	0	1	0	1	0	0	5	5	0.0
	Female	0	2	0	0	1	0	0	0	1	4	4	0.0
	Total	0	5	0	0	2	0	1	0	1	9	9	0.0
Suspended	Male	0	0	0	0	0	0	0	0	0	0	0	-
	Female	0	0	0	0	0	0	0	0	0	0	0	-
	Total	0	0	0	0	0	0	0	0	0	0	0	-
Total	Male	0	22	0	0	4	2	1	0	1	30	31	-3.2
	Female	0	23	2	0	1	0	2	4	1	33	53	-37.7
	Total	0	45	2	0	5	2	3	4	2	63	84	-25.0

^a Total data cannot be verified as Australian Orthopaedic Association do not routinely report individual Australian Orthopaedic trainee data to RACS.

TABLE SET.10 – SET Trainees that exited the SET program, by specialty^a

Specialty	Terminated from SET		Withdrawn from SET		Other		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
CAR	0	0	0	0	0	0	0	0
GEN	0	1	1	2	0	0	1	3
NEU	0	0	0	0	0	0	0	0
ORT	0	1	0	0	0	0	0	1
OTO	0	0	0	0	0	0	0	0
PAE	0	1	1	2	0	0	1	3
PLA	0	1	0	1	0	0	0	2
URO	0	0	0	1	0	0	0	1
VAS	0	0	1	0	0	0	1	0
Total	0	4	3	6	0	0	3	10

^a Trainees that exited SET have not been counted as active Trainees in table SET.6 & 8.

TABLE SET.11 – SET Trainees that exited the SET program, by year of training^a

Specialty	Terminated from SET		Withdrawn from SET		Other		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
Year 1	0	0	0	1	0	0	0	1
Year 2	0	1	1	0	0	0	1	1
Year 3	0	0	0	0	0	0	0	0
Year 4	0	0	1	1	0	0	1	1
Year 5	0	1	0	2	0	0	0	3
Year 6+	0	2	1	2	0	0	1	4
Total	0	4	3	6	0	0	3	10
% of all trainees	0	1.0%	0.7%	1.5%	0.0%	0.0%	0.7%	2.4%

^a Trainees that exited SET have not been counted as active Trainees in table SET.6 & 8.

TABLE SET.12 – SET Trainees that exited the SET program, by region^a

Specialty	Terminated from SET		Withdrawn from SET		Other		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
ACT	0	0	0	0	0	0	0	0
NSW	0	1	0	3	0	0	0	4
NT	0	0	0	0	0	0	0	0
QLD	0	2	1	0	0	0	1	2
SA	0	0	0	0	0	0	0	0
TAS	0	0	0	0	0	0	0	0
VIC	0	1	1	1	0	0	1	2
WA	0	0	0	1	0	0	0	1
AUS	0	4	2	5	0	0	2	9
NZ	0	0	0	1	0	0	0	1
O/S	0	0	1	0	0	0	1	0
Total	0	4	2	6	0	0	3	10

^a Trainees that exited SET have not been counted as active Trainees in table SET.6 & 8.

TABLE SET.13 – Active SET Trainees by age and location of training post^a

Active Trainees by Specialty & Age		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022
←30	Male	2	11	0	6	1	0	6	2	28	4	0	32
	Female	0	8	1	5	1	0	1	1	17	4	0	21
	Total	2	19	1	11	2	0	7	3	45	8	0	53
30-34	Male	5	153	2	76	29	6	95	22	388	87	0	475
	Female	1	50	3	23	17	5	53	16	168	40	0	208
	Total	6	203	5	99	46	11	148	38	556	127	0	683
35-39	Male	4	67	3	53	15	3	51	24	220	39	0	259
	Female	4	29	0	30	4	2	29	14	112	28	0	140
	Total	8	96	3	83	19	5	80	38	332	67	0	399
40-44	Male	2	29	0	12	4	1	11	3	62	6	1	69
	Female	0	11	0	1	1	1	9	2	25	3	0	28
	Total	2	40	0	13	5	2	20	5	87	9	1	97
45-49	Male	0	6	0	3	4	0	6	1	20	1	0	21
	Female	1	2	0	0	0	0	0	0	3	3	0	6
	Total	1	8	0	3	4	0	6	1	23	4	0	27
50-54	Male	1	0	0	0	0	0	1	0	2	0	0	2
	Female	0	1	0	0	0	0	0	0	1	0	0	1
	Total	1	1	0	0	0	0	1	0	3	0	0	3
55-70+	Male	0	2	0	0	0	0	0	0	2	0	0	2
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	2	0	0	0	0	0	0	2	0	0	2
Total	Male	14	268	5	150	53	10	170	52	722	137	1	860
	Female	6	101	4	59	23	8	92	33	326	78	0	404
	Total	20	369	9	209	76	18	262	85	1048	215	1	1264

^a Total data cannot be verified as Australian Orthopaedic Association do not routinely report individual Australian Orthopaedic trainee data to RACS.

Twenty-nine Trainees have identified as Māori and seven identified as Aboriginal and Torres Strait Islander.

Includes Trainees who have identified their ethnicity/ancestry. Identifying as Aboriginal and Torres Strait Islander or Māori is optional.

TABLE SET.14 – Active SET Trainees by age and specialty^a

Active Trainees by Specialty & Age		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL 2022
←30	Male	0	17	0	6	2	0	3	3	1	32
	Female	0	19	1	1	0	0	0	0	0	21
	Total	0	36	1	7	2	0	3	3	1	53
30-34	Male	10	171	21	131	40	1	34	45	22	475
	Female	4	111	5	31	18	4	14	12	9	208
	Total	14	282	26	162	58	5	48	57	31	683
35-39	Male	13	67	16	84	21	7	19	26	6	259
	Female	6	56	5	24	10	7	18	11	3	140
	Total	19	123	21	108	31	14	37	37	9	399
40-44	Male	2	24	5	19	3	1	9	3	3	69
	Female	1	12	1	4	2	1	5	2	0	28
	Total	3	36	6	23	5	2	14	5	3	97
45-49	Male	1	13	1	4	0	0	0	1	1	21
	Female	0	3	0	0	1	0	1	1	0	6
	Total	1	16	1	4	1	0	1	2	1	27
50-54	Male	0	1	0	0	0	0	1	0	0	2
	Female	0	1	0	0	0	0	0	0	0	1
	Total	0	2	0	0	0	0	1	0	0	3
55-70+	Male	1	1	0	0	0	0	0	0	0	2
	Female	0	0	0	0	0	0	0	0	0	0
	Total	1	1	0	0	0	0	0	0	0	2
Total	Male	27	294	43	244	66	9	66	78	33	860
	Female	11	202	12	60	31	12	38	26	12	404
	Total	38	496	55	304	97	21	104	104	45	1264

^a Total data cannot be verified as Australian Orthopaedic Association do not routinely report individual Australian Orthopaedic trainee data to RACS.

TABLE SET.15 – Active SET Trainees by years in training and training post location^a

Location & Year of Training		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
Year 1	Male	4	47	2	26	9	2	43	9	142	32	0	174	172	
	Female	1	18	2	14	4	2	15	6	62	19	0	81	77	
	Total	5	65	4	40	13	4	58	15	204	51	0	255	249	2.4
Year 2	Male	4	58	1	30	9	3	25	9	139	34	0	173	187	
	Female	2	21	1	8	5	2	19	9	67	15	0	82	75	
	Total	6	79	2	38	14	5	44	18	206	49	0	255	262	-2.7
Year 3	Male	3	61	1	31	13	1	31	15	156	28	0	184	164	
	Female	0	28	0	9	3	2	20	1	63	16	0	79	82	
	Total	3	89	1	40	16	3	51	16	219	44	0	263	246	6.9
Year 4	Male	2	52	0	37	12	2	32	9	146	24	0	170	162	
	Female	2	15	1	16	4	2	17	12	69	18	0	87	62	
	Total	4	67	1	53	16	4	49	21	215	42	0	257	224	14.7
Year 5	Male	1	39	0	20	10	1	30	9	110	15	1	126	135	
	Female	1	11	0	11	6	0	15	4	48	7	0	55	36	
	Total	2	50	0	31	16	1	45	13	158	22	1	181	171	5.8
Year 6+	Male	0	11	1	6	0	1	9	1	29	4	0	33	40	
	Female	0	8	0	1	1	0	6	1	17	3	0	20	30	
	Total	0	19	1	7	1	1	15	2	46	7	0	53	70	-24.3
Total	Male	14	268	5	150	53	10	170	52	722	137	1	860	860	
	Female	6	101	4	59	23	8	92	33	326	78	0	404	362	
	Total	20	369	9	209	76	18	262	85	1048	215	1	1264	1222	3.4

^a Total data cannot be verified as Australian Orthopaedic Association do not routinely report individual Australian Orthopaedic trainee data to RACS.

TABLE SET.16 – Active Cardiothoracic SET Trainees by years in training and training post location

Location & Year of Training		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
Year 1	Male	0	2	0	0	0	0	1	1	4	1	0	5	1	
	Female	0	0	0	0	0	0	0	0	0	1	0	1	1	
	Total	0	2	0	0	0	0	1	1	4	2	0	6	2	200.0
Year 2	Male	0	1	0	0	0	0	0	0	1	0	0	1	8	
	Female	0	0	0	0	0	0	1	0	1	0	0	1	3	
	Total	0	1	0	0	0	0	1	0	2	0	0	2	11	-81.8
Year 3	Male	0	2	0	1	1	0	1	1	6	2	0	8	1	
	Female	0	2	0	1	0	0	0	0	3	0	0	3	1	
	Total	0	4	0	2	1	0	1	1	9	2	0	11	2	450.0
Year 4	Male	0	1	0	0	1	0	0	0	2	0	0	2	5	
	Female	0	0	0	1	0	0	0	0	1	0	0	1	3	
	Total	0	1	0	1	1	0	0	0	3	0	0	3	8	-62.5
Year 5	Male	0	1	0	1	0	0	1	1	4	1	0	5	5	
	Female	0	1	0	0	0	0	1	0	2	1	0	3	0	
	Total	0	2	0	1	0	0	2	1	6	2	0	8	5	60.0
Year 6+	Male	0	1	0	0	0	1	3	0	5	1	0	6	8	
	Female	0	1	0	0	0	0	1	0	2	0	0	2	3	
	Total	0	2	0	0	0	1	4	0	7	1	0	8	11	-27.3
Total	Male	0	8	0	2	2	1	6	3	22	5	0	27	28	
	Female	0	4	0	2	0	0	3	0	9	2	0	11	11	
	Total	0	12	0	4	2	1	9	3	31	7	0	38	39	-2.6

TABLE SET.17 – Active General Surgery SET Trainees by years in training and training post location

Location & Year of Training		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
Year 1	Male	1	20	1	6	3	0	14	1	46	9	0	55	65	
	Female	0	12	2	7	2	2	8	2	35	9	0	44	42	
	Total	1	32	3	13	5	2	22	3	81	18	0	99	107	-7.5
Year 2	Male	2	20	1	13	3	1	11	4	55	12	0	67	70	
	Female	1	11	1	4	2	2	11	5	37	7	0	44	42	
	Total	3	31	2	17	5	3	22	9	92	19	0	111	112	-0.9
Year 3	Male	0	21	1	13	4	0	13	5	57	7	0	64	76	
	Female	0	19	0	3	0	0	12	1	35	7	0	42	49	
	Total	0	40	1	16	4	0	25	6	92	14	0	106	125	-15.2
Year 4	Male	0	29	0	17	7	2	12	4	71	8	0	79	58	
	Female	2	7	1	7	0	2	13	8	40	11	0	51	27	
	Total	2	36	1	24	7	4	25	12	111	19	0	130	85	52.9
Year 5	Male	1	7	0	4	3	0	3	0	18	2	1	21	17	
	Female	1	5	0	3	1	0	4	0	14	2	0	16	15	
	Total	2	12	0	7	4	0	7	0	32	4	1	37	32	15.6
Year 6+	Male	0	2	1	2	0	0	3	0	8	0	0	8	12	
	Female	0	4	0	0	0	0	1	0	5	0	0	5	7	
	Total	0	6	1	2	0	0	4	0	13	0	0	13	19	-31.6
Total	Male	4	99	4	55	20	3	56	14	255	38	1	294	298	
	Female	4	58	4	24	5	6	49	16	166	36	0	202	182	
	Total	8	157	8	79	25	9	105	30	421	74	1	496	480	3.3

TABLE SET.18 – Active Neurosurgery SET Trainees by years in training and training post location

Location & Year of Training		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
Year 1	Male	2	3	0	2	0	0	3	0	10	2	0	12	10	
	Female	0	1	0	0	0	0	0	0	1	0	0	1	3	
	Total	2	4	0	2	0	0	3	0	11	2	0	13	13	0.0
Year 2	Male	0	4	0	2	1	1	1	0	9	1	0	10	8	
	Female	0	2	0	0	0	0	2	0	4	0	0	4	1	
	Total	0	6	0	2	1	1	3	0	13	1	0	14	9	55.6
Year 3	Male	0	5	0	1	1	0	1	0	8	0	0	8	6	
	Female	0	0	0	0	0	0	1	0	1	0	0	1	1	
	Total	0	5	0	1	1	0	2	0	9	0	0	9	7	28.6
Year 4	Male	0	1	0	3	1	0	1	0	6	0	0	6	4	
	Female	0	0	0	1	1	0	0	0	2	0	0	2	3	
	Total	0	1	0	4	2	0	1	0	8	0	0	8	7	14.3
Year 5	Male	0	0	0	1	0	0	2	2	5	0	0	5	10	
	Female	0	0	0	2	0	0	1	0	3	0	0	3	0	
	Total	0	0	0	3	0	0	3	2	8	0	0	8	10	-20.0
Year 6+	Male	0	1	0	0	0	0	0	1	2	0	0	2	3	
	Female	0	0	0	0	0	0	1	0	1	0	0	1	1	
	Total	0	1	0	0	0	0	1	1	3	0	0	3	4	-25.0
Total	Male	2	14	0	9	3	1	8	3	40	3	0	43	41	
	Female	0	3	0	3	1	0	5	0	12	0	0	12	9	
	Total	2	17	0	12	4	1	13	3	52	3	0	55	50	10.0

TABLE SET.19 – Active Orthopaedic SET Trainees by years in training and training post location^a

Location & Year of Training		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
Year 1	Male	0	9	0	10	4	0	11	5	39	12	0	51	41	
	Female	1	3	0	2	0	0	2	1	9	3	0	12	14	
	Total	1	12	0	12	4	0	13	6	48	15	0	63	55	14.5
Year 2	Male	1	18	0	5	2	1	5	1	33	8	0	41	63	
	Female	0	3	0	2	1	0	1	3	10	4	0	14	11	
	Total	1	21	0	7	3	1	6	4	43	12	0	55	74	-25.7
Year 3	Male	2	21	0	10	2	1	8	7	51	12	0	63	34	
	Female	0	5	0	1	1	1	0	0	8	3	0	11	11	
	Total	2	26	0	11	3	2	8	7	59	15	0	74	45	64.4
Year 4	Male	1	7	0	5	1	0	9	1	24	11	0	35	46	
	Female	0	2	0	1	1	0	1	2	7	4	0	11	10	
	Total	1	9	0	6	2	0	10	3	31	15	0	46	56	-17.9
Year 5	Male	0	17	0	9	3	1	11	4	45	6	0	51	56	
	Female	0	2	0	0	2	0	4	2	10	2	0	12	8	
	Total	0	19	0	9	5	1	15	6	55	8	0	63	64	-1.6
Year 6+	Male	0	1	0	1	0	0	1	0	3	0	0	3	0	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	1	
	Total	0	1	0	1	0	0	1	0	3	0	0	3	1	200.0
Total	Male	4	73	0	40	12	3	45	18	195	49	0	244	240	
	Female	1	15	0	6	5	1	8	8	44	16	0	60	55	
	Total	5	88	0	46	17	4	53	26	239	65	0	304	295	3.1

^a Total data cannot be verified as Australian Orthopaedic Association do not routinely report individual Australian Orthopaedic trainee data to RACS.

TABLE SET.20 – Active Otolaryngology Head and Neck SET Trainees by years in training and training post location

Location & Year of Training		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
Year 1	Male	1	3	1	2	0	0	3	0	10	2	0	12	14	
	Female	0	0	0	3	0	0	1	0	4	3	0	7	4	
	Total	1	3	1	5	0	0	4	0	14	5	0	19	18	5.6
Year 2	Male	0	2	0	3	0	0	1	2	8	6	0	14	11	
	Female	1	1	0	0	1	0	0	0	3	2	0	5	3	
	Total	1	3	0	3	1	0	1	2	11	8	0	19	14	35.7
Year 3	Male	0	4	0	2	1	0	2	1	10	1	0	11	14	
	Female	0	1	0	0	1	0	2	0	4	0	0	4	6	
	Total	0	5	0	2	2	0	4	1	14	1	0	15	20	-25.0
Year 4	Male	0	3	0	2	1	0	3	1	10	3	0	13	17	
	Female	0	1	0	4	1	0	1	0	7	1	0	8	5	
	Total	0	4	0	6	2	0	4	1	17	4	0	21	22	-4.5
Year 5	Male	0	4	0	2	1	0	4	0	11	4	0	15	11	
	Female	0	0	0	0	2	0	2	1	5	1	0	6	2	
	Total	0	4	0	2	3	0	6	1	16	5	0	21	13	61.5
Year 6+	Male	0	1	0	0	0	0	0	0	1	0	0	1	1	
	Female	0	0	0	0	0	0	0	0	0	1	0	1	2	
	Total	0	1	0	0	0	0	0	0	1	1	0	2	3	-33.3
Total	Male	1	17	1	11	3	0	13	4	50	16	0	66	68	
	Female	1	3	0	7	5	0	6	1	23	8	0	31	22	
	Total	2	20	1	18	8	0	19	5	73	24	0	97	90	7.8

TABLE SET.21 – Active Paediatric SET Trainees by years in training and training post location

Location & Year of Training		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
Year 1	Male	0	0	0	0	0	0	0	0	0	0	0	0	2	
	Female	0	0	0	1	0	0	0	0	1	1	0	2	1	
	Total	0	0	0	1	0	0	0	0	0	1	1	0	2	3
Year 2	Male	0	1	0	0	0	0	0	0	1	0	0	1	0	
	Female	0	0	0	0	0	0	0	1	1	0	0	1	0	
	Total	0	1	0	0	0	0	0	1	2	0	0	2	0	-
Year 3	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Year 4	Male	0	0	0	0	0	0	0	1	1	0	0	1	1	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	3	
	Total	0	0	0	0	0	0	0	1	1	0	0	1	4	-75.0
Year 5	Male	0	0	0	0	0	0	1	0	1	0	0	1	4	
	Female	0	0	0	2	1	0	0	0	3	0	0	3	2	
	Total	0	0	0	2	1	0	1	0	4	0	0	4	6	-33.3
Year 6+	Male	0	3	0	1	0	0	1	0	5	1	0	6	6	
	Female	0	1	0	1	1	0	2	0	5	1	0	6	9	
	Total	0	4	0	2	1	0	3	0	10	2	0	12	15	-20.0
Total	Male	0	4	0	1	0	0	2	1	8	1	0	9	13	
	Female	0	1	0	4	2	0	2	1	10	2	0	12	15	
	Total	0	5	0	5	2	0	4	2	18	3	0	21	28	-25.0

TABLE SET.22 – Active Plastic and Reconstructive SET Trainees by years in training and training post location

Location & Year of Training		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
Year 1	Male	0	2	0	2	2	0	5	1	12	2	0	14	16	
	Female	0	1	0	0	0	0	1	3	5	2	0	7	5	
	Total	0	3	0	2	2	0	6	4	17	4	0	21	21	0.0
Year 2	Male	0	5	0	2	2	0	3	0	12	4	0	16	8	
	Female	0	2	0	0	0	0	3	0	5	1	0	6	10	
	Total	0	7	0	2	2	0	6	0	17	5	0	22	18	22.2
Year 3	Male	0	2	0	1	1	0	3	0	7	1	0	8	14	
	Female	0	0	0	2	1	1	3	0	7	3	0	10	7	
	Total	0	2	0	3	2	1	6	0	14	4	0	18	21	-14.3
Year 4	Male	0	4	0	6	0	0	3	1	14	0	0	14	10	
	Female	0	3	0	1	1	0	1	1	7	1	0	8	3	
	Total	0	7	0	7	1	0	4	2	21	1	0	22	13	69.2
Year 5	Male	0	3	0	1	2	0	1	2	9	1	0	10	16	
	Female	0	1	0	0	0	0	1	1	3	1	0	4	5	
	Total	0	4	0	1	2	0	2	3	12	2	0	14	21	-33.3
Year 6+	Male	0	1	0	0	0	0	1	0	2	2	0	4	3	
	Female	0	0	0	0	0	0	1	1	2	1	0	3	4	
	Total	0	1	0	0	0	0	2	1	4	3	0	7	7	0.0
Total	Male	0	17	0	12	7	0	16	4	56	10	0	66	67	
	Female	0	7	0	3	2	1	10	6	29	9	0	38	34	
	Total	0	24	0	15	9	1	26	10	85	19	0	104	101	3.0

TABLE SET.23 – Active Urology SET Trainees by years in training and training post location

Location & Year of Training		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
Year 1	Male	0	7	0	2	0	1	4	1	15	2	0	17	15	
	Female	0	0	0	1	1	0	3	0	5	0	0	5	5	
	Total	0	7	0	3	1	1	7	1	20	2	0	22	20	10.0
Year 2	Male	0	4	0	3	1	0	3	1	12	3	0	15	14	
	Female	0	1	0	2	0	0	1	0	4	1	0	5	3	
	Total	0	5	0	5	1	0	4	1	16	4	0	20	17	17.6
Year 3	Male	1	4	0	3	2	0	2	1	13	2	0	15	13	
	Female	0	0	0	2	0	0	2	0	4	2	0	6	5	
	Total	1	4	0	5	2	0	4	1	17	4	0	21	18	16.7
Year 4	Male	1	4	0	3	1	0	2	1	12	2	0	14	18	
	Female	0	2	0	0	0	0	1	0	3	1	0	4	4	
	Total	1	6	0	3	1	0	3	1	15	3	0	18	22	-18.2
Year 5	Male	0	6	0	2	0	0	6	0	14	1	0	15	10	
	Female	0	2	0	2	0	0	0	0	4	0	0	4	3	
	Total	0	8	0	4	0	0	6	0	18	1	0	19	13	46.2
Year 6+	Male	0	1	0	1	0	0	0	0	2	0	0	2	4	
	Female	0	2	0	0	0	0	0	0	2	0	0	2	2	
	Total	0	3	0	1	0	0	0	0	4	0	0	4	6	-33.3
Total	Male	2	26	0	14	4	1	17	4	68	10	0	78	74	
	Female	0	7	0	7	1	0	7	0	22	4	0	26	22	
	Total	2	33	0	21	5	1	24	4	90	14	0	104	96	8.3

TABLE SET.24 – Active Vascular Surgery SET Trainees by years in training and training post location

Location & Year of Training		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
Year 1	Male	0	1	0	2	0	1	2	0	6	2	0	8	8	
	Female	0	1	0	0	1	0	0	0	2	0	0	2	2	
	Total	0	2	0	2	1	1	2	0	8	2	0	10	10	0.0
Year 2	Male	1	3	0	2	0	0	1	1	8	0	0	8	5	
	Female	0	1	0	0	1	0	0	0	2	0	0	2	2	
	Total	1	4	0	2	1	0	1	1	10	0	0	10	7	42.9
Year 3	Male	0	2	0	0	1	0	1	0	4	3	0	7	6	
	Female	0	1	0	0	0	0	0	0	1	1	0	2	2	
	Total	0	3	0	0	1	0	1	0	5	4	0	9	8	12.5
Year 4	Male	0	3	0	1	0	0	2	0	6	0	0	6	3	
	Female	0	0	0	1	0	0	0	1	2	0	0	2	4	
	Total	0	3	0	2	0	0	2	1	8	0	0	8	7	14.3
Year 5	Male	0	1	0	0	1	0	1	0	3	0	0	3	6	
	Female	0	0	0	2	0	0	2	0	4	0	0	4	1	
	Total	0	2	0	2	1	0	3	0	7	0	0	7	7	0.0
Year 6+	Male	0	0	0	1	0	0	0	0	1	0	0	1	3	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	1	
	Total	0	0	0	1	0	0	0	0	1	0	0	1	4	-75.0
Total	Male	1	10	0	6	2	1	7	1	28	5	0	33	31	
	Female	0	3	0	3	2	0	2	1	11	1	0	12	12	
	Total	1	13	0	9	4	1	9	2	39	6	0	45	43	4.7

TABLE SET.25 – Active SET Indigenous Trainees by specialty

		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL 2022	TOTAL 2021	% Change 21/22
Aboriginal and Torres Strait Islander	Male	1	1	0	3	0	0	0	0	1	6	8	-25.0
	Female	0	0	0	1	0	0	0	0	0	1	1	0.0
	Total	1	1	0	4	0	0	0	0	0	7	9	-22.2
Māori	Male	0	2	2	10	4	0	0	0	1	19	13	46.2
	Female	0	4	0	3	3	0	0	0	0	10	5	100.0
	Total	0	6	2	13	7	0	0	0	1	29	18	61.1
Total	Male	1	3	2	13	4	0	0	0	2	25	21	19.0
	Female	0	4	0	4	3	0	0	0	0	11	6	83.3
	Total	1	7	2	17	7	0	0	0	2	36	27	33.3

Section four: Examinations

EXPLANATORY NOTES

Surgical Science Examinations – Generic and Speciality Specific

The Generic Surgical Science Examination (GSSE) comprises two components and is mandatory for all specialities. Numbers reflected in these reports are representative of all examination sittings held in Australia and New Zealand in 2022 (including all attempts). Passing the GSSE is now a requirement prior to applying to the SET program for all specialities, therefore we are no longer reporting on the pass rate of SET Trainees who took the GSSE exam. The GSSE was conducted three times in 2022 returning to the usual schedule despite COVID disruptions.

All Specialty Specific Examinations (SSE) are presented in the one table and indicate all sittings and all attempts (Table EXAM.2). Held concurrently with some of the GSSE examinations, the SSE is conducted for Cardiothoracic Surgery (CSSP), Orthopaedic Surgery (OPBS), Otolaryngology Head and Neck Surgery, Paediatric Anatomy and Embryology (PAE), Paediatric Pathology and Pathophysiology (PPE) Examinations, Plastic and Reconstructive Surgical Sciences and Principles (PRSSP), Urology and Vascular Surgery. From 2014 the Board in General Surgery replaced the SSE with Surgical Education and Assessment Modules (SEAM), which is not reported by RACS. From 2016, the Board of Neurosurgery removed the SSE as a requirement.

Clinical Examination

The Clinical Examination is an Objective Structured Clinical Examination (OSCE) consisting of 16 five-minute stations. Numbers reflected in the Clinical Examination report are representative of the exams held in Australia and New Zealand for all sittings and all attempts. There were three Clinical Exam sittings in 2022 held in February and June in multiple venues simultaneously, and a return to a single large venue in October. Now Clinical Examination sits in a prevocational space, seven specialities are mandating Clinical Examination as a prerequisite from 2022-2024 (Cardiothoracic, General Surgery, Orthopaedic New Zealand, Plastic & Reconstructive, Urology and Vascular).

Fellowship Examinations

Numbers reflected in the Fellowship Examination (FEX) reports are representative of the exams held in Australia and New Zealand in May and September 2022 and reported with respect to:

- Individual sitting and annual pass rate
- Eventual pass rate by specialty which compares the number of candidates successfully completing the FEX within a five-year period since their first attempt; includes SET Trainees and SIMGs
- Annual FEX pass rate by location and specialty – SET Trainees
- Annual FEX pass rate by location and specialty – Specialist International Medical Graduates
- Cumulative attempts to pass the FEX (all candidates presenting in 2022 and the number of attempts).

Data reporting in Tables EXAM.6 and EXAM.7

Tables EXAM.6 and EXAM.7 report annual pass rates per candidate. The annual pass rate reports on the overall success of the candidate passing FEX within the calendar year. Previous years Activities Reports have reported the pass rate per individual attempt.

EXAM.8 reports the number of candidates and pass rate by gender and specialty. The numbers represent all candidates who sat and passed the FEX within the calendar year.

Location – State and/or Country reflected in these reports refer to the candidate's mailing address. This is not necessarily the location where the candidate has undertaken all of their training, oversight and/or examinations.

DATA HIGHLIGHTS

Pass rates have been conserved with very similar values in 2021 and 2022 across all exams.

Generic and Specialty Specific Surgical Science Examinations

Overall annual pass rate of individual attempts (total sittings) at GSSE increased from 59.8% in 2021 to 60.6% in 2022. The pass rate in the SSE increased from 92.1% in 2021 to 95.2% in 2022.

Clinical Examination

The pass rate of the Clinical Examination in 2022 was 77.0% an increase from 76.7% in 2021.

Fellowship Examination

The overall pass rate for the FEX decreased from 71.3% in 2021 to 66.5% in 2022.

Despite the COVID-19 restrictions and implications, RACS is proud to have delivered exams across Australia and New Zealand by adopting new delivery models for examination and ensuring consistent high standards are maintained.

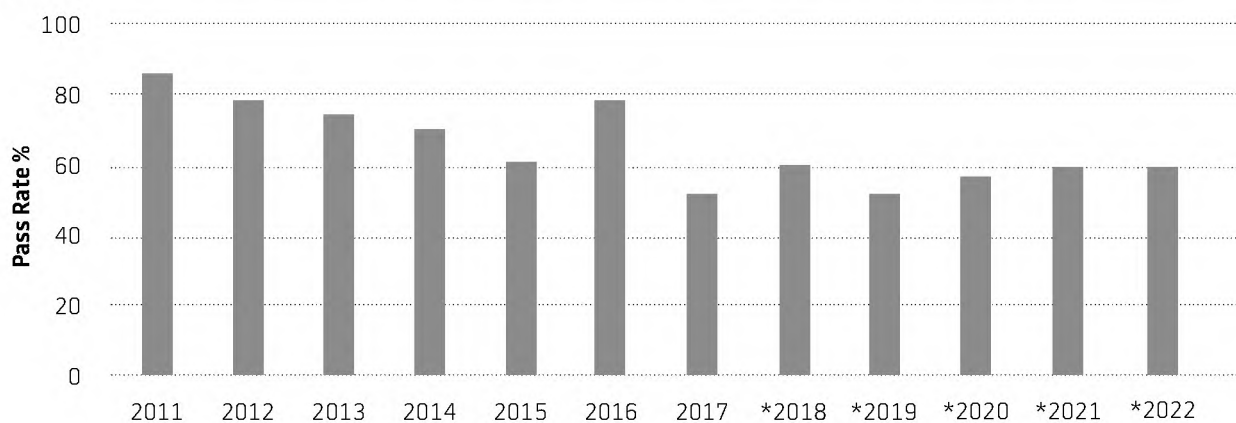
RACS continues to monitor examination pass rates and identify areas for ongoing improvement.

Note: Where location is specified, the State and/or Country reflected in these reports refer to the candidate's mailing address.
This is not necessarily the location where the candidate has undertaken all of their training, oversight and/or examinations.

TABLE EXAM.1 – Non-SET cumulative attempts to pass Generic Surgical Science Examination by location

Attempt No.		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total
1	Sat	9	157	2	83	32	1	110	40	434	124	7	565
	Pass	6	116	2	61	19	1	74	29	308	90	6	404
	% pass	66.7	73.9	100.0	73.5	59.4	100.0	67.3	72.5	71.0	72.6	85.7	71.5
2	Sat	3	41	0	18	11	2	42	11	128	22	0	150
	Pass	2	18	0	10	8	2	15	6	61	12	0	73
	% pass	66.7	43.9	-	55.6	72.7	100.0	35.7	54.5	47.7	54.5	-	48.7
3	Sat	3	21	0	8	11	1	18	2	64	6	0	70
	Pass	2	7	0	3	6	1	8	0	27	2	0	29
	% pass	66.7	33.3	-	37.5	54.5	100.0	44.4	0.0	42.2	33.3	-	41.4
4	Sat	0	16	0	10	3	0	13	2	44	1	0	45
	Pass	0	4	0	5	1	0	6	0	16	1	0	17
	% pass	-	25.0	-	50.0	33.3	-	46.2	0.0	36.4	100.0	-	37.8
5	Sat	0	15	0	2	1	0	6	4	28	1	0	29
	Pass	0	3	0	1	0	0	2	0	6	1	0	7
	% pass	-	20.0	-	50.0	0.0	-	33.3	0.0	21.4	100.0	-	24.1
6	Sat	0	5	0	2	0	0	5	1	13	0	0	13
	Pass	0	4	0	0	0	0	1	0	5	0	0	5
	% pass	-	80.0	-	0.0	-	-	20.0	0.0	38.5	-	-	38.5
7	Sat	0	2	0	1	0	0	1	0	4	1	0	5
	Pass	0	1	0	1	0	0	0	0	2	0	0	2
	% pass	-	50.0	-	100.0	-	-	0.0	-	50.0	0.0	-	40.0
8	Sat	0	1	0	1	0	0	2	0	4	1	0	5
	Pass	0	0	0	0	0	0	1	0	1	0	0	1
	% pass	-	0.0	-	0.0	-	-	50.0	-	25.0	0.0	-	20.0
9	Sat	0	0	0	0	0	0	1	0	1	1	0	2
	Pass	0	0	0	0	0	0	0	0	0	0	0	0
	% pass	-	-	-	-	-	-	0.0	-	0.0	0.0	-	0.0
10	Sat	0	1	0	0	0	0	0	0	1	0	0	1
	Pass	0	0	0	0	0	0	0	0	0	0	0	0
	% pass	-	0.0	-	-	-	-	-	-	0.0	-	-	0.0
11	Sat	0	1	0	0	1	0	0	0	2	0	0	2
	Pass	0	1	0	0	0	0	0	0	1	0	0	1
	% pass	-	100.0	-	-	0.0	-	-	-	50.0	-	-	50.0
12	Sat	0	0	0	0	1	0	0	0	1	1	0.0	2
	Pass	0	0	0	0	0	0	0	0	0	1	0.0	1
	% pass	-	-	-	-	-	-	-	-	-	0.0	-	0.0
13	Sat	0	0	0	0	1	0	0	0	1	0	0.0	1
	Pass	0	0	0	0	0	0	0	0	0	0	0.0	0
	% pass	-	-	-	-	-	-	-	-	-	0.0	-	0.0
TOTAL	Sat	15	260	2	125	61	4	198	60	725	158	7	890
	Pass	10	154	2	81	34	4	107	35	427	107	6	540
	% pass	66.7	59.2	100.0	64.8	55.7	100.0	54.0	58.3	58.9	67.7	85.7	60.7

Note: In previous RACS Activities Reports, EXAM.1 reported the SET Trainee pass rate of individual attempts at the GSSE by specialty and location. Now that passing the GSSE is a requirement prior to applying to the SET program for all specialties, we are no longer reporting on the pass rate of SET Trainees who took the GSSE exam. The table above was reported as EXAM.10 in previous years' Activities Reports.

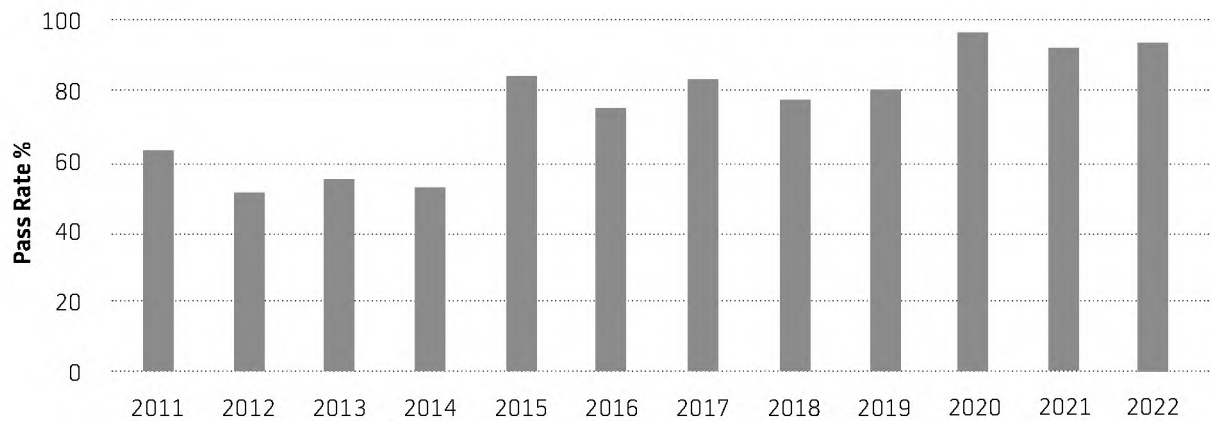
FIGURE EXAM.1 – Overall annual pass rate of individual attempts (total sittings) at Generic Surgical Science Examination (2011-2022).

*2018 to 2022 pass rate based on non-SET attempts to pass the GSSE. Previous years is the pass rate for SET trainees.

TABLE EXAM.2 – Pass rate of individual attempts (total sittings) at Specialty Specific Surgical Science Examination by specialty and location

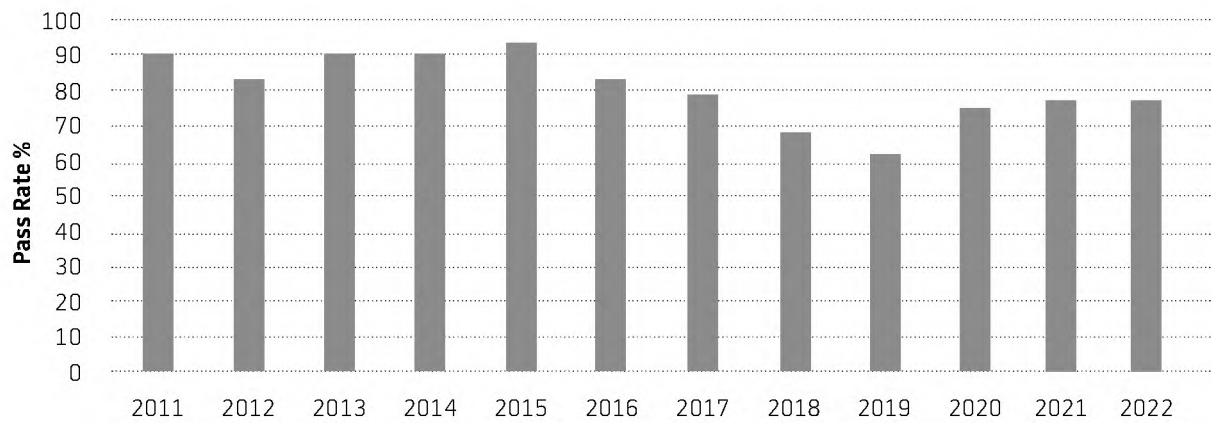
Location, Specialty & Outcomes		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022
CAR	Sat	0	1	0	0	1	0	1	1	4	1	0	5
	Pass	0	1	0	0	1	0	1	1	4	1	0	5
GEN	Sat	0	0	0	0	0	0	0	0	0	0	0	0
	Pass	0	0	0	0	0	0	0	0	0	0	0	0
NEU	Sat	0	0	0	0	0	0	0	0	0	0	0	0
	Pass	0	0	0	0	0	0	0	0	0	0	0	0
ORT (OPBS)	Sat	2	17	0	12	4	0	13	6	54	17	0	71
	Pass	2	17	0	12	4	0	13	6	54	17	0	71
OTO	Sat	1	3	0	5	0	0	4	1	14	11	0	25
	Pass	1	2	0	5	0	0	4	1	13	10	0	23
PAE (ANAT)	Sat	0	3	0	3	1	0	2	1	10	1	0	11
	Pass	0	3	0	2	0	0	1	1	7	1	0	8
PAE (PATH)	Sat	0	1	0	0	1	0	0	0	2	0	0	2
	Pass	0	1	0	0	1	0	0	0	2	0	0	2
PLA	Sat	0	5	0	2	8	0	6	1	22	3	0	25
	Pass	0	5	0	2	6	0	6	1	20	2	0	22
URO	Sat	0	7	0	6	2	1	2	1	19	1	0	20
	Pass	0	7	0	6	2	1	2	1	19	1	0	20
VAS	Sat	0	2	0	2	1	0	3	0	8	0	0	8
	Pass	0	2	0	2	1	0	3	0	8	0	0	8
Total sitting	Sat	3	39	0	30	18	1	31	11	133	34	0	167
	Pass	3	38	0	29	15	1	30	11	127	32	0	159
	% Pass	100.0	97.4	-	96.7	83.3	100.0	96.8	100.0	95.5	94.1	-	95.2

Note: Sat numbers are based on unique candidates; that is, candidates who sat multiple times for examinations are only counted once

FIGURE EXAM.2 – Overall annual pass rate of individual attempts (total sittings) at Specialty Specific Surgical Science Examination (2011-2022)**TABLE EXAM.3 – Pass rate of individual attempts (total sittings) at Clinical Examination by specialty and location**

Location, Specialty & Outcomes		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022
		CAR	Sat	0	3	0	2	0	0	2	1	8	1
	Pass	0	2	0	1	0	0	2	1	6	1	0	7
GEN	Sat	0	1	0	0	0	0	0	0	1	0	0	1
	Pass	0	1	0	0	0	0	0	0	1	0	0	1
NEU	Sat	0	0	0	0	0	0	0	0	0	0	0	0
	Pass	0	0	0	0	0	0	0	0	0	0	0	0
ORT	Sat	0	0	0	0	0	0	0	0	0	0	0	0
	Pass	0	0	0	0	0	0	0	0	0	0	0	0
OTO	Sat	0	0	0	0	0	0	0	0	0	0	0	0
	Pass	0	0	0	0	0	0	0	0	0	0	0	0
PAE	Sat	0	0	0	0	0	0	0	0	0	0	0	0
	Pass	0	0	0	0	0	0	0	0	0	0	0	0
PLA	Sat	0	2	0	1	0	0	0	1	4	4	0	8
	Pass	0	2	0	1	0	0	0	1	4	4	0	8
URO	Sat	0	6	0	7	2	0	6	1	22	1	0	23
	Pass	0	5	0	6	2	0	6	1	20	1	0	21
VAS	Sat	0	3	1	5	1	0	3	1	14	1	0	15
	Pass	0	3	1	5	1	0	3	1	14	1	0	15
P	Sat	4	45	3	37	13	5	43	13	163	123	0	286
	Pass	3	31	1	29	9	3	32	9	117	94	0	211
X-SET	Sat	0	0	0	0	0	0	0	0	0	1	0	1
	Pass	0	0	0	0	0	0	0	0	0	1	0	1
Total Sitting	Sat	4	60	4	52	16	5	54	17	212	131	0	343
	Pass	3	44	2	42	12	3	43	13	162	102	0	264
	% pass	75.0	73.3	50.0	80.8	75.0	60.0	79.6	76.5	76.4	77.9	-	77.0

Note: Sat numbers are based on unique candidates, ie candidates who sat multiple times for examinations are only counted once

FIGURE EXAM. 3 – Overall annual pass rate of individual attempts (total sittings) at Clinical Examination (2011-2022)**TABLE EXAM.4 – SET and SIMG individual attempts and annual pass rate of Fellowship Examinations by specialty**

	April			August			Total individual attempts & pass rate ^a			Annual pass rate ^b		
	Sat	Pass	%	Sat	Pass	%	Sat	Pass	%	Sat	Pass	%
CAR	7	5	71.4	8	2	25.0	15	7	46.7	13	7	53.8
GEN	133	86	64.7	61	40	65.6	194	126	64.9	155	126	81.3
NEU	12	7	58.3	8	6	75.0	20	13	65.0	15	13	86.7
ORT	35	30	85.7	30	22	73.3	65	52	80.0	60	52	86.7
OTO	25	20	80.0	8	5	62.5	33	25	75.8	29	25	86.2
PAE	6	2	33.3	7	4	57.1	13	6	46.2	9	6	66.7
PLA	16	10	62.5	19	12	63.2	35	22	62.9	29	22	75.9
URO	13	8	61.5	16	12	75.0	29	20	69.0	25	20	80.0
VAS	17	9	52.9	9	6	66.7	26	15	57.7	18	15	83.3
Total	264	177	67.0	166	109	65.7	430	286	66.5	353	286	81.0

^a Individual exam pass rate reports on the number of candidates who have sat a particular exam; either April or August.

^b The annual pass rate reports on the overall success of the candidate passing the Fellowship Exam within the calendar year

TABLE EXAM.5 – Eventual Fellowship Examination pass rate by specialty

This table compares the number of Trainees and SIMG's successfully completing the Fellowship Examination within a 5 year period since first attempt.

		2014	2019	%	2015	2020	%	2016	2021	%	2017	2022	%
		Initially Sat	Eventual Pass	Fellows 13/18	Initially Sat	Eventual Pass	Fellows 14/19	Initially Sat	Eventual Pass	Fellows 15/20	Initially Sat	Eventual Pass	Fellows 17/22
CAR	Trainee	10	10	100.0	5	5	100.0	3	3	100.0	6	6	100.0
	SIMG	1	1	100.0	2	2	100.0	1	1	100.0	1	1	100.0
GEN	Trainee	68	66	97.1	85	84	98.8	86	86	100.0	81	79	97.5
	SIMG	6	6	100.0	10	10	100.0	12	12	100.0	4	4	100.0
NEU	Trainee	10	10	100.0	10	10	100.0	11	11	100.0	3	3	100.0
	SIMG	4	4	100.0	0	0	-	0	0	-	1	1	100.0
ORT	Trainee	57	56	98.2	62	62	100.0	51	51	100.0	51	50	98.0
	SIMG	8	6	75.0	14	9	64.3	12	11	91.7	6	5	83.3
OTO	Trainee	19	17	89.5	8	8	100.0	18	18	100.0	15	15	100.0
	SIMG	2	1	50.0	3	1	33.3	1	1	100.0	1	0	0.0
PAE	Trainee	2	2	100.0	4	4	100.0	3	3	100.0	3	2	66.7
	SIMG	2	2	100.0	0	0	-	0	0	-	0	0	-
PLA	Trainee	14	14	100.0	15	15	100.0	23	23	100.0	18	18	100.0
	SIMG	2	2	100.0	1	1	100.0	3	3	100.0	2	2	100.0
URO	Trainee	22	22	100.0	21	21	100.0	18	18	100.0	21	18	85.7
	SIMG	0	0	-	1	1	100.0	1	1	100.0	2	2	100.0
VAS	Trainee	6	6	100.0	4	4	100.0	9	9	100.0	9	9	100.0
	SIMG	2	2	100.0	4	3	75.0	1	1	100.0	2	2	100.0
Total	Trainee	235	227	96.6	214	213	99.5	222	222	100.0	207	200	96.6
	SIMG	27	24	88.9	35	27	77.1	31	30	96.8	19	17	89.5

TABLE EXAM.6 – Fellowship Examinations pass rate (per sitting) of SET Trainees by location and specialty

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	% Pass
CAR	Sat	0	2	0	0	1	0	7	1	11	0	0	11	54.5
	Pass	0	1	0	0	0	0	4	1	6	0	0	6	
GEN	Sat	3	53	0	34	12	0	44	12	158	26	0	184	65.8
	Pass	3	28	0	23	7	0	33	10	104	17	0	121	
NEU	Sat	0	3	0	3	0	0	2	2	10	0	0	10	90.0
	Pass	0	2	0	3	0	0	2	2	9	0	0	9	
ORT	Sat	1	13	0	8	3	0	17	8	50	9	0	59	83.1
	Pass	0	9	0	8	3	0	14	7	41	8	0	49	
OTO	Sat	0	8	0	3	2	0	5	2	20	6	0	26	84.6
	Pass	0	7	0	3	2	0	5	2	19	3	0	22	
PAE	Sat	0	2	0	3	0	0	1	0	6	3	0	9	44.4
	Pass	0	0	0	1	0	0	1	0	2	2	0	4	
PLA	Sat	0	4	0	3	3	0	4	3	17	8	0	25	72.0
	Pass	0	3	0	3	2	0	2	3	13	5	0	18	
URO	Sat	0	11	0	5	3	0	4	1	24	4	0	28	71.4
	Pass	0	9	0	1	2	0	3	1	16	4	0	20	
VAS	Sat	1	4	0	4	1	0	6	0	16	1	0	17	58.8
	Pass	1	1	0	2	1	0	4	0	9	1	0	10	
Total Sitting	Sat	5	100	0	63	25	0	90	29	312	57	0	369	70.2
	Pass	4	60	0	44	17	0	68	26	219	40	0	259	
	%Pass	80.0	60.0	-	69.8	68.0	-	75.6	89.7	70.2	70.2	-	70.2	

TABLE EXAM.7 – Fellowship Examinations pass rate (per sitting) of Specialist International Medical Graduates by location and specialty

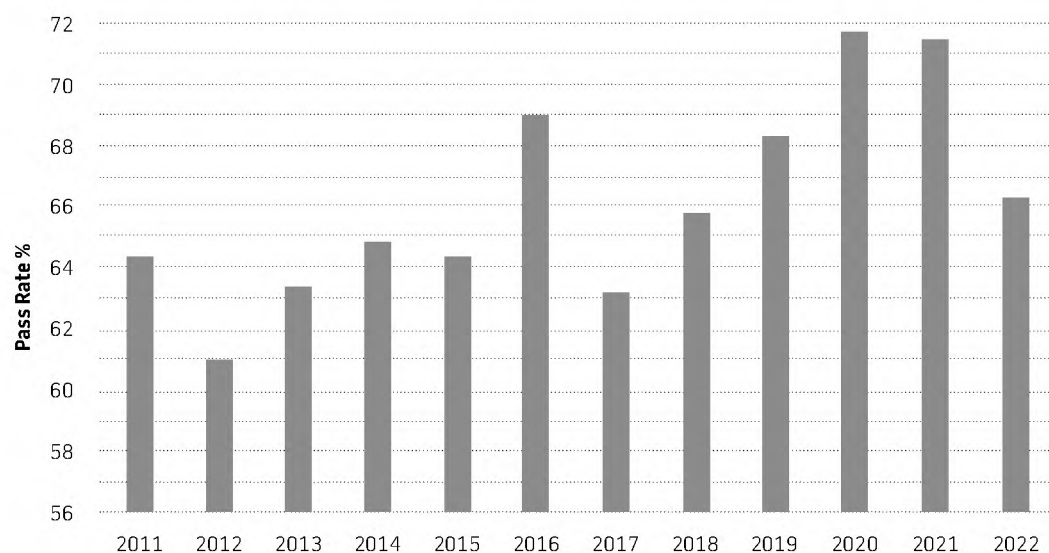
Location, Specialty & Outcomes		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	% Pass
CAR	Sat	0	0	0	0	2	0	2	0	4	0	0	4	
	Pass	0	0	0	0	0	0	1	0	1	0	0	1	25.0
GEN	Sat	0	5	0	0	1	0	4	0	10	0	0	10	
	Pass	0	2	0	0	0	0	3	0	5	0	0	5	50.0
NEU	Sat	0	3	1	2	2	0	0	2	10	0	0	10	
	Pass	0	2	1	0	0	0	0	1	4	0	0	4	40.0
ORT	Sat	0	0	0	4	1	0	1	0	6	0	0	6	
	Pass	0	0	0	1	1	0	1	0	3	0	0	3	50.0
OTO	Sat	0	0	0	1	0	1	4	1	7	0	0	7	
	Pass	0	0	0	1	0	0	1	1	3	0	0	3	42.9
PAE	Sat	0	0	0	2	0	0	2	0	4	0	0	4	
	Pass	0	0	0	1	0	0	1	0	2	0	0	2	81.25
PLA	Sat	0	3	0	1	2	0	4	0	10	0	0	10	
	Pass	0	1	0	1	0	0	2	0	4	0	0	4	40.0
URO	Sat	0	0	1	0	0	0	0	0	1	0	0	1	
	Pass	0	0	0	0	0	0	0	0	0	0	0	0	0.0
VAS	Sat	0	4	0	0	0	0	1	4	9	0	0	9	
	Pass	0	2	0	0	0	0	1	2	5	0	0	5	55.6
Total Sitting	Sat	0	15	2	10	8	1	18	7	61	0	0	61	
	Pass	0	7	1	4	1	0	10	4	27	0	0	27	44.3
	% pass	-	46.7	50.0	40.0	12.5	0.0	55.6	57.1	44.3	-	-	44.3	

TABLE EXAM.8 – Fellowship Examinations pass rate (per sitting) of SET and SIMG by gender and specialty

		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL 2022	% pass
Female	Sat	3	67	4	12	10	5	8	9	9	127	71.7
	Pass	2	46	4	8	7	3	6	7	8	91	
Male	Sat	12	127	16	53	23	8	27	20	17	303	64.4
	Pass	5	80	9	44	18	3	16	13	7	195	
Total	Sat	15	194	20	65	33	13	35	29	26	430	66.5
	Pass	7	126	13	52	25	6	22	20	15	286	
	% Pass	46.7	64.9	65.0	80.0	75.8	46.2	62.9	69.0	57.7		

TABLE EXAM.9 – SET Trainees and SIMGs cumulative attempts to pass Fellowship Examination by specialty for candidates presenting in 2022

Attempt		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL 2022	TOTAL 2021
1	Sat	9	123	13	48	26	7	23	21	11	281	297
	Pass	6	86	10	43	23	3	16	15	7	209	232
	% Pass	66.7	69.9	76.9	89.6	88.5	42.9	69.6	71.4	63.6	74.4	78.1
2	Sat	1	41	5	8	3	3	7	7	8	83	81
	Pass	0	26	2	6	2	1	3	5	5	50	50
	% Pass	0.0	63.4	40.0	75.0	66.7	33.3	42.9	71.4	62.5	60.2	61.7
3	Sat	2	14	2	5	2	2	5	1	4	37	28
	Pass	0	7	1	2	0	1	3	0	2	16	11
	% Pass	0.0	50.0	50.0	40.0	0.0	50.0	60.0	0.0	50.0	43.2	39.3
4	Sat	2	10	0	4	1	1	0	0	2	20	15
	Pass	1	5	0	1	0	1	0	0	1	9	9
	% Pass	50.0	50.0	-	25.0	0.0	100.0	-	-	50.0	45.0	60.0
5	Sat	1	4	0	0	1	0	0	0	1	7	3
	Pass	0	2	0	0	0	0	0	0	0	2	1
	% Pass	0	50	-	-	0	-	-	-	0	29	33
6	Sat	0	2	0	0	0	0	0	0	0	2	1
	Pass	0	0	0	0	0	0	0	0	0	0	0
	% Pass	-	0.0	-	-	-	-	-	-	-	0.0	0.0
TOTAL	Sat	15	194	20	65	33	13	35	29	26	430	425
	Pass	7	126	13	52	25	6	22	20	15	286	303
	% Pass	46.7	64.9	65.0	80.0	75.8	46.2	62.9	69.0	57.7	66.5	71.3

FIGURE EXAM.4 –Overall Fellowship Examination pass rate of SET Trainees and SIMGs (2011-2022).

Section five: Workforce distribution

EXPLANATORY NOTES

In all tables the last known address is used when the current address is unknown. Region is based on mailing postcode and country. An active Fellow is involved in medicine, surgery, medico-legal work or other specialist non-procedural and non-clinical work such as surgical administration and academia.

DATA HIGHLIGHTS

In 2022, there were 8565 Fellows across Australia, New Zealand and overseas (Table WFD.1). Of these 5905 were active Fellows in Australia and 880 were active Fellows in New Zealand (Table WFD.2).

Two hundred and sixty-eight SET Trainees and Specialist International Medical Graduates obtained Fellowship in 2022 (Table WFD.11). 23% of surgeons who achieved Fellowship through the SET pathway were female (Table WFD.9), while just over 23% of SIMGs who obtained Fellowship were female (Table WFD.10). Female surgeons make up over 15% of the active surgical workforce, with the number of female surgeons in active practice increasing by almost six per cent in the last year (Table WFD.3).

Since 2019, Fellows mailing address postcodes have been mapped to the Australian Statistical Geography Standard (ASGS-RA) codes rather than RRMA code (Rural Remote and Metropolitan Areas) for the purposes of indicating the spread of surgeons in metropolitan and rural and remote areas (see Appendix A). The specialities of General Surgery (19%), Orthopaedic surgery (16%) and Urology (15%) continue to have largest proportion of Fellows working in rural and remote areas (Table WFD6).

TABLE WFD.1 – Active and retired RACS Fellows by location and specialty

Location & Specialty		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	Total 2022	Total 2021	% Change 21/22
CAR	Male	6	67	0	41	14	5	69	18	220	35	26	281	277	1.4
	Female	0	5	0	2	0	0	6	1	14	6	1	21	20	5.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	6	72	0	43	14	5	75	19	234	41	27	302	297	1.7
GEN	Male	28	672	16	387	169	34	538	176	2020	292	171	2483	2451	1.3
	Female	6	149	4	75	37	7	122	33	433	57	27	517	492	5.1
	Unspecified	0	0	0	0	0	0	0	0	0	1	0	1	NA	NA
	Total	34	821	20	462	206	41	660	209	2453	350	198	3001	2943	2.0
NEU	Male	9	87	0	54	19	7	72	23	271	26	31	328	317	3.5
	Female	2	15	0	8	5	2	8	2	42	1	4	47	47	0.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	11	102	0	62	24	9	80	25	313	27	35	375	364	3.0
ORT	Male	20	493	5	353	139	30	356	156	1552	307	72	1931	1897	1.8
	Female	3	18	0	19	9	0	28	3	80	21	3	104	98	6.1
	Unspecified	0	0	0	0	0	0	1	0	1	0	0	1	NA	NA
	Total	23	511	5	372	148	30	385	159	1633	328	75	2036	1995	2.1
OTO	Male	12	170	3	108	45	7	124	49	518	92	24	634	621	2.1
	Female	0	29	0	18	7	2	27	8	91	21	6	118	112	5.4
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	12	199	3	126	52	9	151	57	609	113	30	752	733	2.6
PAE	Male	4	31	0	17	5	3	26	7	93	16	20	129	125	3.2
	Female	2	12	0	7	4	2	9	3	39	7	5	51	45	13.3
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	6	43	0	24	9	5	35	10	132	23	25	180	170	5.9
PLA	Male	4	145	2	71	49	14	143	56	484	66	16	566	549	3.1
	Female	0	22	0	17	10	1	37	11	98	20	4	122	113	8.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	4	167	2	88	59	15	180	67	582	86	20	688	662	3.9
URO	Male	9	154	1	102	39	13	132	44	494	66	31	591	588	0.5
	Female	0	17	0	8	4	0	23	8	60	8	4	72	71	1.4
	Unspecified	0	0	0	0	0	0	0	0	0	1	0	1	NA	NA
	Total	9	171	1	110	43	13	155	52	554	75	35	664	659	0.8
VAS	Male	4	78	1	36	22	5	67	22	235	22	5	262	252	4.0
	Female	2	10	0	9	3	1	11	3	39	1	0	40	34	17.6
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	6	88	1	45	25	6	78	25	274	23	5	302	286	5.6
Sub Total	Male	96	1897	28	1169	501	118	1527	551	5887	922	396	7205	7077	1.8
	Female	15	277	4	163	79	15	271	72	896	142	54	1092	1032	5.8
	Unspecified	0	0	0	0	0	0	1	0	1	2	0	3	NA	NA
	Total	111	2174	32	1332	580	133	1799	623	6784	1066	450	8300	8109	2.4
OB & GYN	Male	0	3	0	1	0	0	12	0	16	0	1	17	17	0.0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	0	3	0	1	0	0	12	0	16	0	1	17	17	0.0
OPH	Male	3	75	0	40	11	2	54	16	201	11	6	218	222	-1.8
	Female	0	11	1	2	2	0	11	1	28	2	0	30	31	-3.2
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	3	86	1	42	13	2	65	17	229	13	6	248	253	-2.0
Total	Male	99	1975	28	1210	512	120	1593	567	6104	933	403	7440	7316	1.7
	Female	15	288	5	165	81	15	282	73	924	144	54	1122	1063	5.6
	Unspecified	0	0	0	0	0	0	1	0	1	2	0	3	NA	NA
	Total	114	2263	33	1375	593	135	1876	640	7029	1079	457	8565	8379	2.2

TABLE WFD.2 – Active RACS Fellows by location and specialty

Location & Specialty		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
CAR	Male	6	54	0	37	9	4	60	14	184	25	14	223	219	1.8
	Female	0	5	0	2	0	0	4	1	12	5	1	18	17	5.9
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	6	59	0	39	9	4	64	15	196	30	15	241	236	2.1
GEN	Male	24	518	16	296	124	26	416	134	1554	217	116	1887	1878	0.5
	Female	6	146	4	74	36	7	121	33	427	56	26	509	484	5.2
	Unspecified	0	0	0	0	0	0	0	0	0	1	0	1	NA	NA
	Total	30	664	20	370	160	33	537	167	1981	274	142	2397	2362	1.5
NEU	Male	9	78	0	48	14	5	68	18	240	19	24	283	278	1.8
	Female	2	15	0	8	5	2	8	2	42	1	4	47	47	0.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	11	93	0	56	19	7	76	20	282	20	28	330	325	1.5
ORT	Male	19	437	5	327	113	25	321	134	1381	257	48	1686	1682	0.2
	Female	3	17	0	19	9	0	28	3	79	20	2	101	97	4.1
	Unspecified	0	0	0	0	0	0	1	0	1	0	0	1	NA	NA
	Total	22	454	5	346	122	25	350	137	1461	277	50	1788	1779	0.5
OTO	Male	9	130	3	89	39	4	101	39	414	76	18	508	512	-0.8
	Female	0	28	0	18	7	2	27	8	90	21	6	117	112	4.5
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	9	158	3	107	46	6	128	47	504	97	24	625	624	0.2
PAE	Male	3	21	0	12	4	2	16	7	65	14	9	88	87	1.1
	Female	2	11	0	6	3	1	8	3	34	7	4	45	39	15.4
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	5	32	0	18	7	3	24	10	99	21	13	133	126	5.6
PLA	Male	3	121	2	58	40	12	127	43	406	54	13	473	465	1.7
	Female	0	21	0	16	9	1	35	11	93	20	4	117	108	8.3
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	3	142	2	74	49	13	162	54	499	74	17	590	573	3.0
URO	Male	8	130	1	90	31	12	117	34	423	52	23	498	497	0.2
	Female	0	17	0	8	4	0	23	8	60	8	4	72	71	1.4
	Unspecified	0	0	0	0	0	0	0	0	0	1	0	1	NA	NA
	Total	8	147	1	98	35	12	140	42	483	61	27	571	568	0.5
VAS	Male	4	69	1	31	19	4	49	18	195	20	3	218	212	2.8
	Female	2	10	0	9	3	1	11	3	39	1	0	40	34	17.6
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	6	79	1	40	22	5	60	21	234	21	3	258	246	4.9
Sub Total	Male	85	1558	28	988	393	94	1275	441	4862	734	268	5864	5830	0.6
	Female	15	270	4	160	76	14	265	72	876	139	51	1066	1009	5.6
	Unspecified	0	0	0	0	0	0	1	0	1	2	0	3	NA	NA
	Total	100	1828	32	1148	469	108	1541	513	5739	875	319	6933	6839	1.4
OB & GYN	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	-
OPH	Male	2	53	0	28	8	1	42	9	143	4	4	151	158	-4.4
	Female	0	8	0	1	2	0	11	1	23	1	0	24	26	-7.7
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	2	61	0	29	10	1	53	10	166	5	4	175	184	-4.9
Total	Male	87	1611	28	1016	401	95	1317	450	5005	738	272	6015	5988	0.5
	Female	15	278	4	161	78	14	276	73	899	140	51	1090	1035	5.3
	Unspecified	0	0	0	0	0	0	1	0	1	2	0	3	NA	NA
	Total	102	1889	32	1177	479	109	1594	523	5905	880	323	7108	7023	1.2

TABLE WFD.3 – Active RACS Fellows by location and age

Active Fellows by Location & Age		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022	TOTAL 2021	% Change 21/22
<35	Male	1	20	1	5	5	2	24	4	62	6	5	73	92	-20.7
	Female	0	10	0	2	1	0	6	2	21	1	2	24	29	-17.2
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	1	30	1	7	6	2	30	6	83	7	7	97	121	-19.8
35-39	Male	5	146	1	88	44	10	114	37	445	75	32	552	534	3.4
	Female	3	51	2	33	15	2	63	12	181	30	12	223	223	0.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	8	197	3	121	59	12	177	49	626	105	44	775	757	2.4
40-44	Male	11	208	4	150	54	11	195	67	700	95	21	816	814	0.2
	Female	4	71	1	41	19	2	67	18	223	33	11	267	251	6.4
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	15	279	5	191	73	13	262	85	923	128	32	1083	1065	1.7
45-49	Male	10	263	4	174	58	14	224	82	829	100	34	963	968	-0.5
	Female	2	62	1	37	12	2	42	15	173	29	10	212	201	5.5
	Unspecified	0	0	0	0	0	0	1	0	1	1	0	2	NA	NA
	Total	12	325	5	211	70	16	267	97	1003	130	44	1177	1169	0.7
50-54	Male	19	234	6	176	63	15	188	89	790	115	28	933	885	5.4
	Female	4	35	0	22	14	4	33	13	125	17	5	147	126	16.7
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	23	269	6	198	77	19	221	102	915	132	33	1080	1011	6.8
55-59	Male	11	203	4	130	46	9	149	49	601	111	26	738	739	-0.1
	Female	1	21	0	14	7	2	23	7	75	12	1	88	83	6.0
	Unspecified	0	0	0	0	0	0	0	0	0	1	0	1	NA	NA
	Total	12	224	4	144	53	11	172	56	676	124	27	827	822	0.6
60-64	Male	10	147	2	116	38	13	120	46	492	103	36	631	613	2.9
	Female	1	11	0	8	5	0	21	4	50	12	8	70	70	0.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	11	158	2	124	43	13	141	50	542	115	44	701	683	2.6
65-69	Male	11	117	3	66	32	9	89	43	370	78	26	474	461	2.8
	Female	0	7	0	3	2	2	8	1	23	3	1	27	19	42.1
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	11	124	3	69	34	11	97	44	393	81	27	501	480	4.4
70+	Male	7	220	3	83	53	11	172	24	573	51	60	684	724	-5.5
	Female	0	2	0	0	1	0	2	0	5	2	1	8	7	14.3
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	7	222	3	83	54	11	174	24	578	53	61	692	731	-5.3
Total	Male	85	1558	28	988	393	94	1275	441	4862	734	268	5864	5830	0.6
	Female	15	270	4	160	76	14	265	72	876	139	51	1066	1009	5.6
	Unspecified	0	0	0	0	0	0	1	0	1	2	0	3	NA	NA
	Total	100	1828	32	1148	469	108	1541	513	5739	875	319	6933	6839	1.4
% of active Fellows under 55 years															
%	Male	54.1	55.9	57.1	60.0	57.0	55.3	58.4	63.3	58.1	53.3	44.8	56.9	56.7	0.4
	Female	86.7	84.8	100.0	84.4	80.3	71.4	79.6	83.3	82.5	79.1	78.4	81.9	83.0	-1.3
	Unspecified	-	-	-	-	-	-	100.0	-	100.0	50.0	-	66.7	NA	NA
	Total	59.0	60.2	62.5	63.4	60.8	57.4	62.1	66.1	61.9	57.4	50.2	60.8	60.4	0.5

Note: Data excludes OB&GYN and OPH.

TABLE WFD.4 – Active Australian RACS Fellows by specialty and age

Active Fellows by Specialty & Age		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL 2022	TOTAL 2021	% Change 21/22
<35	Male	4	29	5	7	3	0	3	6	5	62	76	-18.4
	Female	0	16	0	0	2	0	1	0	2	21	25	-16.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	4	45	5	7	5	0	4	6	7	83	101	-17.8
35-39	Male	10	173	20	126	26	3	30	35	22	445	427	4.2
	Female	2	92	7	16	16	7	16	17	8	181	189	-4.2
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	12	265	27	142	42	10	46	52	30	626	616	1.6
40-44	Male	20	226	27	208	58	4	54	73	30	700	693	1.0
	Female	2	117	7	20	28	5	21	14	9	223	207	7.7
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	22	343	34	228	86	9	75	87	39	923	900	2.6
45-49	Male	18	265	42	251	73	12	76	64	28	829	833	-0.5
	Female	2	75	7	16	21	6	23	13	10	173	162	6.8
	Unspecified	0	0	0	1	0	0	0	0	0	1	NA	NA
	Total	20	340	49	268	94	18	99	77	38	1003	995	0.8
50-54	Male	34	214	46	229	73	11	72	78	33	790	745	6.0
	Female	2	65	11	9	10	3	13	9	3	125	109	14.7
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	36	279	57	238	83	14	85	87	36	915	854	7.1
55-59	Male	33	182	34	146	51	13	55	58	29	601	597	0.7
	Female	1	27	8	10	8	4	8	6	3	75	69	8.7
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	34	209	42	156	59	17	63	64	32	676	666	1.5
60-64	Male	23	134	24	168	33	7	48	41	14	492	472	4.2
	Female	3	21	0	5	4	8	6	1	2	50	51	-2.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	51	
	Total	26	155	24	173	37	15	54	42	16	542	523	3.6
65-69	Male	21	118	16	104	36	8	20	35	12	370	365	1.4
	Female	0	11	1	3	1	1	4	0	2	23	15	53.3
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	21	129	17	107	37	9	24	35	14	393	380	3.4
70+	Male	21	213	26	142	61	7	48	33	22	573	605	-5.3
	Female	0	3	1	0	0	0	1	0	0	5	5	0.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	21	216	27	142	61	7	49	33	22	578	610	-5.2
Total	Male	184	1554	240	1381	414	65	406	423	195	4862	4813	1.0
	Female	12	427	42	79	90	34	93	60	39	876	832	5.3
	Unspecified	0	0	0	1	0	0	0	0	0	1	NA	NA
	Total	196	1981	282	1461	504	99	499	483	234	5739	5645	1.7
% of active Fellows under 55 years													
%	Male	46.7	58.4	58.3	59.4	56.3	46.2	57.9	60.5	60.5	58.1	57.8	0.5
	Female	66.7	85.5	76.2	77.2	85.6	61.8	79.6	88.3	82.1	82.5	83.9	-1.6
	Unspecified	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	NA	NA
	Total	48.0	64.2	61.0	60.4	61.5	51.5	61.9	64.0	64.1	61.9	61.5	0.5

Note: Data excludes OB&GYN and OPH.

TABLE WFD.5 – Active New Zealand RACS Fellows by specialty and age

Active Fellows by Specialty & Age		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	TOTAL 2022	TOTAL 2021	% Change 21/22
←35	Male	0	5	1	0	0	0	0	0	0	6	9	-33.3
	Female	0	0	0	1	0	0	0	0	0	1	4	-75.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	0	5	1	1	0	0	0	0	0	7	13	-46.2
35-39	Male	1	27	1	25	6	1	8	5	1	75	73	2.7
	Female	1	12	0	5	4	2	5	1	0	30	22	36.4
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	2	39	1	30	10	3	13	6	1	105	95	10.5
40-44	Male	4	31	0	37	9	1	2	9	2	95	94	1.1
	Female	3	13	0	2	4	2	6	2	1	33	34	-2.9
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	7	44	0	39	13	3	8	11	3	128	128	0.0
45-49	Male	5	21	4	44	7	2	7	8	2	100	100	0.0
	Female	0	12	0	3	7	0	5	2	0	29	30	-3.3
	Unspecified	0	0	0	0	0	0	0	1	0	1	NA	NA
	Total	5	33	4	47	14	2	12	11	2	130	130	0.0
50-54	Male	3	35	4	43	9	1	12	6	2	115	112	2.7
	Female	0	8	0	4	2	0	2	1	0	17	11	54.5
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	3	43	4	47	11	1	14	7	2	132	123	7.3
55-59	Male	3	29	5	34	15	2	9	10	4	111	109	1.8
	Female	0	7	0	1	1	0	1	2	0	12	12	0.0
	Unspecified	0	1	0	0	0	0	0	0	0	1	NA	NA
	Total	3	37	5	35	16	2	10	12	4	124	121	2.5
60-64	Male	4	28	2	37	9	5	8	6	4	103	106	-2.8
	Female	1	4	1	3	1	2	0	0	0	12	12	0.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	5	32	3	40	10	7	8	6	4	115	118	-2.5
65-69	Male	5	21	1	23	15	1	4	4	4	78	75	4.0
	Female	0	0	0	1	1	0	1	0	0	3	3	0.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	5	21	1	24	16	1	5	4	4	81	78	3.8
70+	Male	0	20	1	14	6	1	4	4	1	51	56	-8.9
	Female	0	0	0	0	1	1	0	0	0	2	1	100.0
	Unspecified	0	0	0	0	0	0	0	0	0	0	NA	NA
	Total	0	20	1	14	7	2	4	4	1	53	57	-7.0
Total	Male	25	217	19	257	76	14	54	52	20	734	734	0.0
	Female	5	56	1	20	21	7	20	8	1	139	129	7.8
	Unspecified	0	1	0	0	0	0	0	1	0	2	NA	NA
	Total	30	274	20	277	97	21	74	61	21	875	863	1.4
% of active Fellows under 55 years													
%	Male	52.0	54.8	52.6	58.0	40.8	35.7	53.7	53.8	35.0	53.3	52.7	1.0
	Female	80.0	80.4	0.0	75.0	81.0	57.1	90.0	75.0	100.0	79.1	79.3	-0.3
	Unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	50.0	NA	NA
	Total	56.7	59.9	50.0	59.2	49.5	42.9	63.5	57.4	38.1	57.4	56.5	1.5

Note: Data excludes OB&GYN and OPH.

TABLE WFD.6 – Active Australian RACS Fellows by ASGS-RA code and specialty

Australian Active Fellows by ASGS-RA & Speciality	RA 1	RA 2	RA 3	RA 4	RA 5	TOTAL 2022	% In RA1 2022
CAR	186	5	4	1	0	196	94.9
GEN	1609	271	90	11	0	1981	81.2
NEU	269	9	3	1	0	282	95.4
ORT	1235	182	42	2	0	1461	84.5
OTO	445	48	11	-	0	504	88.3
PAE	90	5	4	-	0	99	90.9
PLA	461	28	10	-	0	499	92.4
URO	410	63	10	-	0	483	84.9
VAS	211	15	8	-	0	234	90.2
Total	4916	626	182	15	0	5739	85.7

Note: Data excludes OB&GYN and OPH.

TABLE WFD.7 – Active Australian RACS Fellows by ASGS-RA code and location

Australian Active Fellows by ASGS-RA & Location	RA 1	RA 2	RA 3	RA 4	RA 5	TOTAL 2022	% In RA1 2022
ACT	100	0	0	0	0	100	100.0
NSW	1598	215	14	1	0	1828	87.4
NT	0	0	30	2	0	32	0.0
QLD	915	136	96	1	0	1148	79.7
SA	448	15	5	1	0	469	95.5
TAS	0	89	11	8	0	108	0.0
VIC	1375	152	14	0	0	1541	89.2
WA	480	19	12	2	0	513	93.6
Total	4916	626	182	15	0	5739	85.7

Note: Data excludes OB&GYN and OPH.

TABLE WFD.8 – Active Australian RACS Fellows by ASGS-RA and age group

Australian Active Fellows by ASGS-RA & Age	RA 1	RA 2	RA 3	RA 4	RA 5	TOTAL 2022	% In RA1 2022
≤35	79	3	1	0	0	83	95.2
35-39	569	43	14	0	0	626	90.9
40-44	805	93	24	1	0	923	87.2
45-49	869	99	34	1	0	1003	86.6
50-54	791	88	34	2	0	915	86.4
55-59	550	99	24	3	0	676	81.4
60-64	434	91	14	3	0	542	80.1
65-69	329	43	20	1	0	393	83.7
70+	490	67	17	4	0	578	84.8
Total	4916	626	182	15	0	5739	85.7

Note: Data excludes OB&GYN and OPH.

TABLE WFD.9 – Active RACS SET Trainees obtaining RACS Fellowship in 2022 by location of residence and specialty

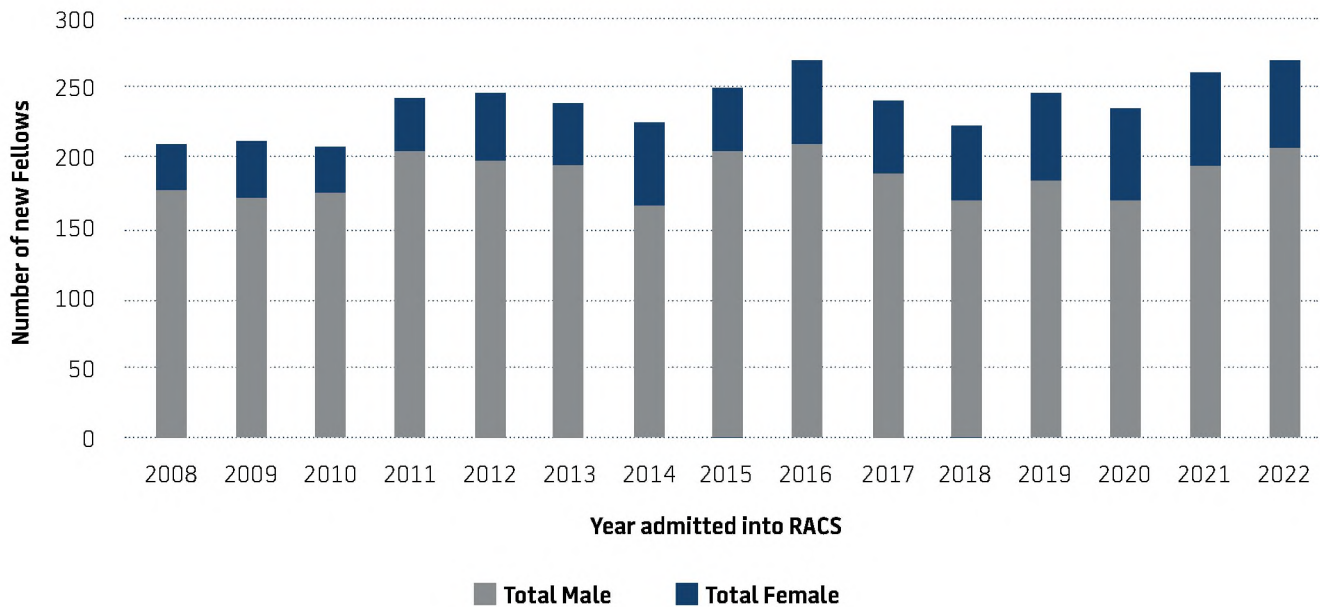
Location & Specialty		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022
CAR	Male	0	1	0	1	0	0	1	0	3	2	0	5
	Female	0	0	0	0	0	0	1	0	1	0	0	1
	Total	0	1	0	1	0	0	2	0	4	2	0	6
GEN	Male	1	14	1	10	5	1	13	4	49	6	1	56
	Female	0	8	0	2	3	0	8	1	22	3	0	25
	Total	1	22	1	12	8	1	21	5	71	9	1	81
NEU	Male	0	4	0	3	0	0	3	0	10	1	0	11
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	4	0	3	0	0	3	0	10	1	0	11
ORT	Male	1	9	0	11	3	0	12	2	38	5	3	46
	Female	0	0	0	1	1	0	3	0	5	1	0	6
	Total	1	9	0	12	4	0	15	2	43	6	3	52
OTO	Male	0	6	0	3	0	0	0	1	10	1	2	13
	Female	0	1	0	1	1	0	0	0	3	0	0	3
	Total	0	7	0	4	1	0	0	1	13	1	2	16
PAE	Male	0	0	0	1	0	0	1	1	3	0	0	3
	Female	0	2	0	0	0	0	0	0	2	2	0	4
	Total	0	2	0	1	0	0	1	1	5	2	0	7
PLA	Male	0	2	0	1	4	0	3	0	10	4	1	15
	Female	0	1	0	0	0	0	2	2	5	2	0	7
	Total	0	3	0	1	4	0	5	2	15	6	1	22
URO	Male	1	3	0	2	2	0	4	0	12	2	0	14
	Female	0	0	0	0	0	0	1	0	1	0	1	2
	Total	1	3	0	2	2	0	5	0	13	2	1	16
VAS	Male	0	1	0	0	1	1	3	0	6	1	0	7
	Female	1	0	0	0	0	0	1	1	3	0	0	3
	Total	1	1	0	0	1	1	4	1	9	1	0	10
Total	Male	3	40	1	32	15	2	40	8	141	22	7	170
	Female	1	12	0	4	5	0	16	4	42	8	1	51
	Total	4	52	1	36	20	2	56	12	183	30	8	221

TABLE WFD.10 – Active Specialist International Medical Graduates obtaining RACS Fellowship in 2022 by location of residence and specialty

Location & Specialty		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	O/S	TOTAL 2022
CAR	Male	0	0	0	0	0	0	4	0	4	0	0	4
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	4	0	4	0	0	4
GEN	Male	1	1	1	0	2	0	1	1	7	1	0	8
	Female	0	0	0	0	0	0	1	0	1	0	0	1
	Total	1	1	1	0	2	0	2	1	8	1	0	9
NEU	Male	0	0	0	0	0	0	0	1	1	1	0	2
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	1	1	1	0	2
ORT	Male	0	0	1	2	1	0	1	1	6	1	1	8
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	1	2	1	0	1	1	6	1	1	8
OTO	Male	0	1	0	3	0	0	0	0	4	1	0	5
	Female	0	1	0	0	0	0	0	2	3	0	0	3
	Total	0	2	0	3	0	0	0	2	7	1	0	8
PAE	Male	0	0	0	0	0	0	1	0	1	1	0	2
	Female	0	0	0	2	0	0	0	0	2	0	0	2
	Total	0	0	0	2	0	0	1	0	3	1	0	4
PLA	Male	0	1	0	0	0	0	2	1	4	0	0	4
	Female	0	0	0	1	0	0	0	1	2	0	0	2
	Total	0	1	0	1	0	0	2	2	6	0	0	6
URO	Male	0	0	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0
VAS	Male	0	1	0	0	0	0	0	0	1	2	0	3
	Female	0	1	0	0	0	0	1	1	3	0	0	3
	Total	0	2	0	0	0	0	1	1	4	2	0	6
Total	Male	1	4	2	5	3	0	9	4	28	7	1	36
	Female	0	2	0	3	0	0	2	4	11	0	0	11
	Total	1	6	2	8	3	0	11	8	39	7	1	47

TABLE WFD.11 – Total number of SET Trainees and Specialist International Medical Graduates obtaining RACS Fellowship by specialty (2008 – 2022)

		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CAR	Male	10	6	5	11	5	15	4	7	10	4	4	5	3	4	9
	Female	0	0	0	1	1	0	0	2	2	0	0	1	3	0	1
	Total	10	6	5	12	6	15	4	9	12	4	4	6	6	4	10
GEN	Male	62	47	63	54	64	57	55	65	74	68	50	73	65	70	64
	Female	14	23	13	12	30	17	20	25	33	26	24	36	37	35	26
	Total	76	70	76	66	94	74	75	90	107	94	74	109	102	105	90
NEU	Male	14	7	12	6	9	5	6	18	9	11	1	5	9	14	13
	Female	4	2	0	0	0	3	6	0	1	1	4	2	4	3	0
	Total	18	9	12	6	9	8	12	18	10	12	5	7	13	17	13
ORT	Male	41	67	49	60	59	61	38	60	66	54	62	41	56	53	54
	Female	2	3	2	8	2	4	3	4	3	7	3	5	9	8	6
	Total	43	70	51	68	61	65	41	64	69	61	65	46	65	61	60
OTO	Male	9	12	16	21	12	15	14	14	13	12	15	19	9	11	18
	Female	4	5	6	5	7	6	11	4	2	7	5	7	6	4	6
	Total	13	17	22	26	19	21	25	18	15	19	20	26	15	15	24
PAE	Male	3	2	3	2	4	2	4	5	1	4	1	1	1	0	5
	Female	0	1	1	3	2	1	4	1	3	1	1	1	1	2	6
	Total	3	3	4	5	6	3	8	6	4	5	2	2	2	2	11
PLA	Male	19	7	7	18	22	14	13	11	15	11	17	10	12	19	19
	Female	4	3	8	4	1	5	5	8	7	7	8	7	3	7	9
	Total	23	10	15	22	23	19	18	19	22	18	25	17	15	26	28
URO	Male	15	12	15	22	19	22	21	14	17	17	12	18	10	18	14
	Female	3	3	3	3	3	5	6	1	6	3	6	5	3	3	2
	Total	18	15	18	25	22	27	27	15	23	20	18	23	13	21	16
VAS	Male	4	11	5	10	5	4	11	9	5	8	8	10	3	7	10
	Female	1	1	0	2	2	2	4	1	2	0	2	1	3	3	6
	Total	5	12	5	12	7	6	15	10	7	8	10	11	6	10	16
Total	Male	177	171	175	204	199	195	166	203	210	189	170	182	168	196	206
	Female	32	41	33	38	48	43	59	46	59	52	53	65	69	65	62
	Total	209	212	208	242	247	238	225	249	269	241	223	247	237	261	268

FIGURE WFD.1 – Total annual number of SET Trainees and Specialist International Medical Graduates obtaining RACS Fellowship (2008–2022).**TABLE WFD.12 – Ratio of active Australian and New Zealand RACS Fellows per population by location**

Location & Specialty	No Surgeons	Ratio of surgeons per 10,000 population	Population
ACT	100	2.2	456,700
NSW	1828	2.2	8,153,600
NT	32	1.3	250,600
QLD	1148	2.2	5,322,100
SA	469	2.6	1,820,500
TAS	108	1.9	571,500
VIC	1541	2.3	6,613,700
WA	513	1.8	2,785,300
AUS	5739	2.2	25,974,000
NZ	875	1.7	5,127,400

Population data was taken from the Australian Bureau of Statistics website www.abs.gov.au and from Statistics New Zealand website www.stats.govt.nz and is accurate as at June 2022 (Aust) and September 2022 (AoNZ). Data excludes Obstetrics & Gynaecology and Ophthalmology Fellows.

TABLE WFD.13 – Ratio of active Australian and New Zealand RACS Fellows per population aged 65 years or older by location.

Location & Specialty	No Surgeons	Ratio of surgeons per 1,000 population >=65 years	Population Over the Age of 65
ACT	95	1.6	57,849
NSW	1796	1.3	1,367,845
NT	32	1.5	20,960
QLD	1130	1.4	832,087
SA	462	1.4	338,986
TAS	105	0.9	110,804
VIC	1517	1.4	1,059,005
WA	503	1.2	407,723
AUS	5640	1.3	4,195,259
NZ	854	1.0	840,200

Population data was taken from the Australian Bureau of Statistics website www.abs.gov.au and from Statistics New Zealand website www.stats.govt.nz and is accurate as at June 2022 (Aust) and September 2022 (AoNZ). Data excludes the surgical specialties of Paediatric surgery, Obstetrics & Gynaecology and Ophthalmology.

Section six: Professional development and standards

EXPLANATORY NOTES

All active Fellows have a requirement to participate in either the College CPD program or in another CPD program approved by the College as meeting its standards for CPD. CPD program data is submitted to RACS in the year following participation, therefore the latest available 2021 CPD participation data are reported in Tables CPD.1 to CPD.5. In 2021 there were 6724 Fellows participating in the College CPD or other CPD approved program. Ophthalmologists who held RACS Fellowship have been included.

In 2021 RACS launched a new CPD platform and framework. The first six months of 2021, CPD participants were required to complete two out of three activities. These included;

- A learning plan
- A RACS microlearning activity or
- RACS or specialty society event

From 1 July 2021, the new CPD requirements are determined by Area of Practice (Scope of Practice), including technical and non-technical areas. This replaces the practice types from previous years. All CPD participants are required to complete the same requirements including;

- CPD/Learning Plan
- Audit and Peer Review (minimum 10 hours)
- Education Activities (min 40 hours and 2 activities)
- Performance Review (min 15 hours across Performance review of Self and Others)

From 1 July 2021, the CPD period will run for 18 months before returning to a calendar year in 2023.

RACS also offers the Maintenance of Professional Standards (MOPS) program to enable doctors not trained by RACS to demonstrate their maintenance of appropriate professional standards of knowledge and performance. Participation in the MOPS program is reported in Table CPD.5.

To facilitate the maintenance of surgical competence of Fellows, RACS provides professional development activities that are tailored to the specific needs of Fellows. These activities address the skills and knowledge required in each of the RACS surgical competencies.

DATA HIGHLIGHTS

In 2021 93.7% of Fellows complied with the RACS CPD program. Failure to comply constitutes a breach of the College's Code of Conduct and is managed via the RACS Sanctions Policy. Note: In 2021 RACS introduced a new CPD platform and CPD framework, which closely aligns with the Medical Board of Australia (MBA) CPD registration standard and recertification requirements set by the Medical Council of New Zealand (MCNZ). The figures reported on are for 1 January 21 to 30 June 2021.

During 2022, the Professional Development Department together with faculty and STANZ offices delivered 114 activities via face to face, webinars and online learning to a total of 1657 participants (1019 Fellows, 90 Trainees, 83 SIMGs and 465 non-members). The COVID-19 restrictions impacted the face to face delivery of courses with 749 attendees at 58 courses, however we were able to increase the delivery of online programs with 370 attendees over 44 online courses, and 538 attending 12 webinars.

As part of the RACS' Building Respect, Improving Patient Safety Action Plan, 14 Foundation Skills for Surgical Educator (FSSE) courses were delivered in 2022. The mandatory group made up 13% of the attendees in 2022.

We were able to deliver 15 Operating with Respect (OWR) courses across Australia and New Zealand in 2021. The mandatory group made up 20% of the attendees in 2022.

During 2022 82 Faculty members donated their time to deliver over 98 Professional Development activities delivering close to 1600 volunteer teach hours.

TABLE CPD.1 – Participation in RACS CPD program 2019 - 2021 by specialty

Specialty	2019			2020			2021*		
	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant
CAR	226	215	95.1	230	214	93.0	225	204	90.7
GEN	2170	2055	94.7	2228	2110	94.7	2250	2111	93.8
NEU	297	272	91.6	304	280	92.1	307	282	91.9
ORT	557	521	93.5	562	534	95.0	539	490	90.9
OTO	600	585	97.5	606	588	97.0	613	586	95.6
PAE	125	115	92.0	126	115	91.3	118	107	90.7
PLA	537	518	96.5	540	529	98.0	554	523	94.4
URO	535	515	96.3	544	525	96.5	557	526	94.4
VAS	236	227	96.2	238	234	98.3	249	242	97.2
Sub Total	5283	5023	95.1	5378	5129	95.4	5412	5071	93.7
OB & GYN and OPH	5	4	80.0	5	4	80.0	5	3	60.0
Total	5288	5027	95.1	5383	5133	95.4	5417	5074	93.7

*CPD for 2021 was from 1 Jan to 30 June 2021

TABLE CPD.2 – Participation in RACS CPD program 2019 - 2021 by region

Location	2019			2020			2021*		
	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant
ACT	69	64	92.8	76	76	100.0	71	71	100.0
NSW	1387	1364	98.3	1422	1414	99.4	1419	1350	95.1
NT	24	23	95.8	24	24	100.0	23	23	100.0
SA	362	353	97.5	363	360	99.2	368	358	97.3
QLD	880	875	99.4	905	901	99.6	903	876	97.0
TAS	85	82	96.5	91	90	98.9	87	86	98.9
VIC	1208	1178	97.5	1229	1217	99.0	1225	1205	98.4
WA	388	380	97.9	396	391	98.7	401	395	98.5
AUS Total	4403	4319	98.1	4506	4473	99.3	4497	4364	97.0
NZ	575	569	99.0	566	566	100.0	641	641	100.0
O/S	310	139	44.8	311	94	30.2	279	69	24.7
Total	5288	5027	95.1	5383	5133	95.4	5417	5074	93.7

*CPD for 2021 was from 1 Jan to 30 June 2021

TABLE CPD.3 – Fellow participation in RACS and other CPD programs in 2021

College CPD Programs	Number of participating Fellows	% of participating Fellows
Royal Australasian College of Surgeons	5417	80.6
Australian Orthopaedic Association	890	13.2
New Zealand Orthopaedic Association	267	4.0
Royal Australian and New Zealand College of Ophthalmologists	149	2.2
Other	1	0.0
Total	6724	100.0

TABLE CPD.4 – Participation in RACS CPD program in 2021 by program category and specialty

Nil data.

From 1 July 2021, the new CPD requirements are determined by Area of Practice (Scope of Practice), including technical and non-technical areas. This replaces the practice category from previous years. All CPD participants now complete the same requirements.

TABLE CPD.5 – Registrations in RACS MOPS program in 2021

	AUS	NZ	O/S	Total registrations
Persons	1	0	0	1
SIMGs	0	87	0	87
Total	1	87	0	88

Note: The category 'Persons' are surgeons who do not have a FRACS and are not on a pathway to Fellowship

TABLE CPD.6 – Professional Development participation by location and status

Location	Fellow	SET	SIMG	non-SIMG/Trainee/Fellow	Total 2022	Total 2021	% change 21/22
ACT	19	0	1	1	21	32	-34.4
NSW	238	9	24	80	351	583	-39.8
NT	14	7	0	34	55	46	19.6
QLD	195	1	13	112	321	285	12.6
SA	69	2	5	21	97	134	-27.6
TAS	21	0	0	3	24	36	-33.3
VIC	285	7	21	138	451	491	-8.1
WA	61	3	4	45	113	114	-0.9
AUS Total	902	29	68	434	1433	1721	-16.7
NZ	109	53	22	26	210	269	-21.9
O/S	8	1	0	5	14	21	-33.3
Total	1019	83	90	465	1657	2011	-17.6

In 2022, Includes face to face and online activities; not including eLearning

TABLE CPD.7 – Professional Development participation by specialty and status

Specialty	2022	Total 2021	% Change 21/22
CAR	32	37	-13.5
GEN	440	460	-4.3
NEU	49	46	6.5
ORT	83	147	-43.5
OTO	126	223	-43.5
PAE	65	56	16.1
PLA	82	106	-22.6
URO	90	93	-3.2
VAS	48	28	71.4
Sub Total	1015	1196	-15.1
OPH	4	6	-33.3
SET	90	356	-74.7
SIMG	83	132	-37.1
non-RACS	465	321	44.9
*Total	1657	2011	-17.6

In 2022, Includes face to face and online activities; not including eLearning.

Appendix A: Definitions for regional and rural data

ASGS-RA Codes

The Australian Statistical Geography Standard (ASGS) defines Remoteness Areas into 5 classes of relative remoteness across Australia. These 5 classes of remoteness are:

- Major Cities of Australia (RA1)
- Inner Regional Australia (RA2)
- Outer Regional Australia (RA3)
- Remote Australia (RA4)
- Very Remote Australia (RA5)

The five classes of remoteness are determined using a process that provides a consistent definition across Australia and over time. This allows statistical data to be classified in a consistent way that allows users to analyse changes in data for different remoteness categories over time.

Relative remoteness is measured in an objective way using the Accessibility and Remoteness Index of Australia (ARIA+), which is developed by the Hugo Centre for Migration and Population Research at the University of Adelaide. ARIA+ is derived by measuring the road distance from a point to the nearest Urban Centres and Localities in five separate population ranges. For more information on how ARIA+ is created see the University of Adelaide website at <http://www.adelaide.edu.au/hugo-centre/spatial-data/aria/>

RACS' database provides members addresses only, not geolocation. For the purposes of this report, the Australian Bureau of Statistics' "2017 Postcode to 2016 Remoteness Area" have been mapped to ASGS-RA codes (Refer: 120.0.55.005 – Australian Statistical Geography Standard (ASGS): Volume 5 – Remoteness Structure, July 2016.)
