

Activities Report 2019

Further information

Royal Australasian College of Surgeons 250-290 Spring Street East Melbourne VIC 3002 Australia

Telephone: +61 3 9249 1200 Web: surgeons.org



Committed to Indigenous health

Service | Integrity | Respect | Compassion | Collaboration

The Royal Australasian College of Surgeons (RACS), formed in 1927, is a non-profit organisation training surgeons and maintaining surgical standards in Australia and New Zealand.

The College's purpose is to be the leading advocate for surgical standards, professionalism and surgical education in Australia and New Zealand.

RACS works in partnership with specialist surgical societies and associations 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 organisations to ensure a well-qualified, experienced and appropriately distributed workforce in Australia and New Zealand.

Foreword

The 2019 Activities Report provides detail of the surgical workforce and its distribution as well as information regarding surgical training and examination results.

The report is relevant for government departments of health, health agencies and those with an interest in the activities of the Royal Australasian College of Surgeons. The data provided in this report is true and accurate as at December 2019.

In 2019, 247 new Australian and New Zealand Fellows were admitted to RACS. This increased the number of active Fellows to over 6700. We also had over 1200 surgical trainees and 63 International Medical Graduates participate in surgical training over the course of the year.

During the year we continued to support our Indigenous health activities. Our 2019 strategic plan prioritised Indigenous health as a critical endeavour. We saw significant growth in the College's numbers of Indigenous trainees with seven SET trainees who identified as Aboriginal and/or Torres Strait Islander and 17 who identified as Māori.

Our area of focus was to continue supporting the growth of female surgeons in the workforce. The number of female surgeons in practice has increased to 898 in 2019 from 834 in 2018 - an almost eight per cent increase.

We also encouraged surgical workplaces to establish respectful work environments. The year 2019 marked the fourth-year anniversary of our work to build a culture of respect in surgery with the delivery of findings from our first evaluation of our activities. The report found the implementation of our work was successful and strongly supported by members.

We hope that you will find the 2019 Activities Report useful and informative.

Tony Sparnor **President**

Royal Australasian College of Surgeons

2019 highlights

Skills training in 2019



Volunteer course instructors

1,300



Courses delivered

158



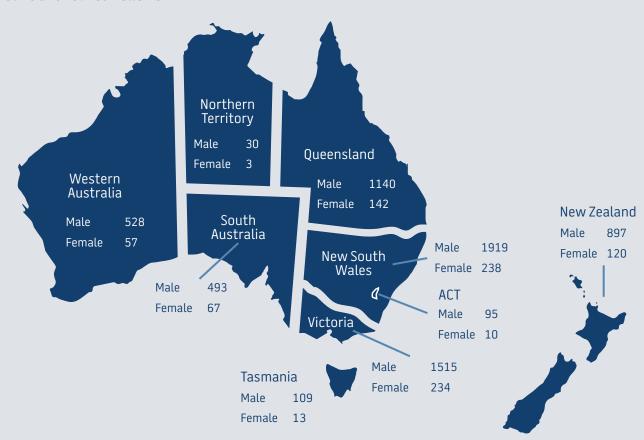
Trainees

Active SET Trainees in 2019



Courses participants

Active and retired Fellows



Top three countries international medical graduates come from



INDIA - 6 SOUTH AFRICA - 6 UNITED KINGDOM - 7

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Acronyms

~	Not available
ACT	Australian Capital Territory
AOA	Australian Orthopaedic Association
ASGS-RA	Australian Statistical Geography 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
IMG	International Medical Graduate
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
ОРН	Ophthalmology

ORT	Orthopaedic Surgery
0/S	Overseas
OPBS	Orthopaedic Principles and Basic Science Examination
OSCE	Objective Structured Clinical Examinations
0Т0	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
SSE	Surgical Science Examination
SEAM	Surgical Education and Assessment Modules
TAS	Tasmania
TIPS	Training in Professional Skills
UR0	Urology Surgery
VAS	Vascular Surgery
VIC	Victoria
WA	Western Australia
WFD	Workforce Distribution

Introduction

The Activities Report outlines the demographic data for the year 2019. As with previous reports, the purpose is to provide a comprehensive review of RACS activities throughout the year.

The report details activity in the following six sections:

- **Section One:** Skills Training
- Section Two: 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 2019, unless otherwise stated. All data has been extracted from a copy of the RACS membership database taken on 31 December 2019.

Key developments for 2019

The number of female surgeons in active practice increased by almost eight per cent in the last year, with women making up just nearly 13 per cent of the active surgical workforce and more than 26 per cent of the cohort who obtained RACS Fellowship in 2019.

The number of individual female SET applicants continues to comprise almost one-third of all individual applicants. There were 284 applicants who were offered a trainee position in 2019. Almost 30 per cent of successful applicants were female in 2019.

There were over 1100 participants who attended Professional Development programs in 2019, just over 30 per cent less than 2018 due to only half the number of 'Foundation Skills for Surgical Educators' courses being required. In 2018, 100 per cent of Fellows complied with the RACS Continuing Professional Development program.

Activities Report 2019

Section one: Skills Training

Explanatory notes

The Skills Training Department provides the following short courses:

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

Most of these courses are a mandatory requirement of Surgical Education and Training (SET). Doctors from a variety of medical disciplines are involved as both faculty and participants. These courses incorporate a mix of formative and summative assessment, with participants closely mentored and their performance appraised throughout the courses. Courses that incorporate summative assessment (pass or fail) also have an avenue for feedback to be given to SET and IMG surgical supervisors when required.

The Operating with Respect course is a mandatory requirement for SET Supervisors, IMG Clinical Assessors and key RACS committee members.

ASSET

ASSET is a requirement for all SET trainees (excluding Neurosurgery). The course provides an educational package of generic surgical skills with an emphasis on small group teaching, intensive handson 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 in order to successfully complete it. Participants are required to complete ten eLearning modules prior to attending the course, and are provided with a suture jig and disposable instruments with which to practice.

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 objectives. Participants must complete five eLearning modules prior to attending the face-to-face course. They are assessed by their contribution to various sections throughout the course, as well as their performance in a 45-minute simulated patient scenario.

EMST

EMST is a requirement for all SET trainees. The course focuses on the management of 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 to the various interactive discussions, skill stations, a 40-question multiple choice questionnaire paper, and a 15-minute simulated patient 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.

CLEAR

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

TIPS

TIPS is a requirement for Orthopaedic and New Zealand Plastic SET Trainees. TIPS focuses on patient-centred communication and team-oriented non-technical skills in surgery. Through simulation, participants address issues and events that occur in the clinical and operating theatre environment that require skills in communication, teamwork, crisis resource management and leadership. TIPS is designed to be generic to all specialties of surgical training and relevant to Trainees who have already undertaken two or three years of surgical training. 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 is a requirement for SET Trainees undertaking the Australian orthopaedic training program from 2017. TIPS participants are required to complete the Human Factors eLearning modules prior to attending.

OWR

First launched in 2017, the Operating with Respect course is a mandatory requirement for all SET Supervisors, IMG Clinical Assessors and key RACS committee members by the end of 2018. OWR provides advanced training in recognising, managing and preventing discrimination, bullying and sexual harassment. The aim of this course is to strengthen patient safety by enabling participants to develop skills in respectful behaviour and practice strategies in responding to unacceptable behaviour. The course follows the release of the RACS Building Respect Improving Patient Safety Action Plan to counter discrimination, bullying and sexual harassment in the Practice of Surgery.

Faculty

The skills course volunteer workforce includes 1324 active faculty. Instructors are represented across all disciplines of medicine and surgery, with 9per cent (126) teaching on more than one program. Representation of Fellows teaching on skills courses remains at 58 per cent (694) with two per cent (24) SET Trainees, one per cent (11) International Medical Graduates and the remaining 39 per cent (467) made up of emergency physicians, anaesthetists, physicians, intensivists, general practitioners, clinical epidemiologists and educators. Faculty figures include overseas instructors, the majority of whom teach on Fiji and Papua New Guinea EMST and CCrISP Outreach courses.

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

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Month and Course		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	TOTAL 2019	TOTAL 2018	% change
CCrISP	Courses	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0.0
Instructor Course	Instructors	0	0	0	0	0	0	0	0	0	9	0	0	9	6	50.0
Course	Participants	0	0	0	0	0	0	0	0	0	14	0	0	14	8	75.0
CCrISP	Courses	0	2	2	0	4	3	2	4	2	2	4	0	25	25	0.0
Provider Course	Instructors	0	27	24	0	51	37	29	56	25	24	58	0	331	337	-1.8
Course	Participants	0	32	32	0	64	42	32	58	32	31	62	0	385	393	-2.0
EMST ADF	Courses	0	1	0	0	1	0	0	0	1	0	1	0	4	4	0.0
Course	Instructors	0	11	0	0	11	0	0	0	10	0	10	0	42	44	-4.5
	Participants	0	20	0	0	18	0	0	0	15	0	16	0	69	60	15.0
EMST	Courses	0	0	0	0	0	1	0	0	0	0	1	0	2	2	0.0
Instructor Course	Instructors	0	0	0	0	0	8	0	0	0	0	9	0	17	15	13.3
Course	Participants	0	0	0	0	0	9	0	0	0	0	12	0	21	25	-16.0
EMST	Courses	0	5	6	2	4	7	5	5	4	6	7	1	52	53	-1.9
Provider Course	Instructors	0	50	64	23	44	75	53	54	44	67	78	13	565	572	-1.2
Course	Participants	0	78	99	33	66	116	81	90	68	98	114	16	859	785	9.4
EMST	Courses	0	0	1	0	1	0	0	1	1	0	1	0	5	6	-16.7
Refresher Course	Instructors	0	0	8	0	11	0	0	11	11	0	10	0	51	61	-16.4
Course	Participants	0	0	16	0	13	0	0	17	16	0	15	0	77	87	-11.5
ASSET	Courses	0	2	4	1	2	2	2	3	1	2	3	0	22	22	0.0
	Instructors	0	37	79	17	35	33	33	40	16	27	45	0	362	382	-5.2
	Participants	0	40	80	20	40	40	39	51	20	41	60	0	431	415	3.9
CLEAR	Courses	0	1	1	1	1	1	1	1	1	1	1	0	10	10	0.0
	Instructors	0	6	6	8	5	8	4	4	7	6	5	0	59	40	47.5
	Participants	0	26	29	14	16	21	17	14	31	32	22	0	222	216	2.8
TIPS	Courses	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0.0
Instructor Course	Instructors	0	0	0	0	0	0	6	0	0	0	0	0	6	6	0.0
Course	Participants	0	0	0	0	0	0	5	0	0	0	0	0	5	9	-44.4
TIPS	Courses	0	1	1	0	1	1	1	1	1	1	2	0	10	10	0.0
Provider Course	Instructors	0	11	10	0	9	11	11	9	9	8	19	0	97	89	9.0
Course	Participants	0	16	16	0	11	16	10	10	15	16	32	0	142	120	18.3
OWR	Courses	0	0	0	0	0	0	0	0	0	0	0	0	0	3	-100.0
Instructor Course	Instructors	0	0	0	0	0	0	0	0	0	0	0	0	0	11	-100.0
	Participants	0	0	0	0	0	0	0	0	0	0	0	0	0	17	-100.0
OWR	Courses	0	6	2	2	1	6	1	0	1	1	4	2	26	29	-10.3
Provider Course	Instructors	0	28	9	10	5	31	5	0	5	5	20	9	127	138	-8.0
	Participants	0	116	44	23	23	107	17	0	21	18	78	39	486	597	-18.6
Total	Courses	0	18	17	6	15	21	13	15	12	14	24	3	158	166	-4.8
	Instructors	0	170	200	58	171	203	141	174	127	146	254	22	1666	1701	-2.1
	Participants	0	328	316	90	251	351	201	240	218	250	411	55	2711	2732	-0.8

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.2 – Skills training course attendance by location and course

	Month and Course	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S*	TOTAL 2019	TOTAL 2018	% Change 18/19
CCrISP	Courses	0	0	0	0	0	0	1	0	1	0	0	1	1	0.0
Instructor Course	Instructors	0	0	0	0	0	0	9	0	9	0	0	9	6	50.0
	Participants	0	0	0	0	0	0	15	0	14	0	0	14	8	75.0
CCrISP	Courses	0	5	0	5	2	0	6	1	19	5	1	25	25	0.0
Provider Course	Instructors	0	68	0	69	26	0	82	13	258	63	10	331	337	-1.8
	Participants	0	79	0	80	29	0	95	15	298	75	12	385	393	-2.0
EMST ADF	Courses	0	4	0	0	0	0	0	0	4	0	0	4	4	0.0
Course	Instructors	0	42	0	0	0	0	0	0	42	0	0	42	44	-4.5
	Participants	0	69	0	0	0	0	0	0	69	0	0	69	60	15.0
EMST	Courses	0	0	0	0	0	0	2	0	2	0	0	2	2	0.0
Instructor Course	Instructors	0	0	0	0	0	0	17	0	17	0	0	17	15	13.3
Course	Participants	0	0	0	0	0	0	21	0	21	0	0	21	25	-16.0
EMST	Courses	1	11	0	10	4	1	11	3	41	10	1	52	53	-1.9
Provider Course	Instructors	9	125	0	110	40	11	123	33	451	106	8	565	572	-1.2
Course	Participants	15	184	0	167	66	18	185	50	685	158	16	859	785	9.4
EMST	Courses	0	2	0	1	0	0	1	0	4	1	0	5	6	-16.7
Refresher Course	Instructors	0	19	0	11	0	0	11	0	41	10	0	51	61	-16.4
Course	Participants	0	32	0	17	0	0	13	0	62	15	0	77	87	-11.5
ASSET	Courses	0	6	0	4	1	0	7	1	19	3	0	22	22	0.0
	Instructors	0	109	0	58	17	0	117	14	315	47	0	362	382	-5.2
	Participants	0	120	0	80	20	0	140	17	377	54	0	431	415	3.9
CLEAR	Courses	0	3	0	1	0	0	3	1	8	2	0	10	10	0.0
	Instructors	0	21	0	8	0	0	17	4	50	9	0	59	40	47.5
	Participants	0	81	0	14	0	0	74	17	186	36	0	222	216	2.8
TIPS	Courses	0	0	0	0	0	0	1	0	1	0	0	1	1	0.0
Instructor Course	Instructors	0	0	0	0	0	0	6	0	6	0	0	6	6	0.0
Course	Participants	0	0	0	0	0	0	5	0	5	0	0	5	9	-44.4
TIPS	Courses	0	2	0	1	1	0	3	1	8	2	0	10	10	0.0
Provider Course	Instructors	0	18	0	11	9	0	29	9	76	21	0	97	89	9.0
Course	Participants	0	32	0	16	11	0	47	10	116	26	0	142	120	18.3
OWR	Courses	0	0	0	0	0	0	0	0	0	0	0	0	3	-100.0
Instructor Course	Instructors	0	0	0	0	0	0	0	0	0	0	0	0	11	-100.0
Course	Participants	0	0	0	0	0	0	0	0	0	0	0	0	17	-100.0
OWR	Courses	1	7	2	4	2	0	5	2	23	3	0	26	29	-10.3
Provider Course	Instructors	5	36	9	19	9	0	25	9	112	15	0	127	138	-8.0
Course	Participants	18	125	39	85	33	0	92	42	434	52	0	486	597	-18.6
Total	Courses	2	40	2	26	10	1	40	9	130	26	2	158	166	-4.8
	Instructors	14	438	9	286	101	11	436	82	1377	271	18	1666	1701	-2.1
	Participants	33	722	39	459	159	18	687	151	2267	416	28	2711	2732	-0.8

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.

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TABLE ST.3 – ASSET faculty by location and specialty

Location & Specialty	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% change 18/19
CAR	0	1	0	5	1	0	5	2	14	1	0	15	13	15.4
GEN	1	55	1	28	16	7	52	14	174	38	2	214	194	10.3
NEU	0	1	0	6	1	0	0	1	9	0	0	9	8	12.5
ОРН	0	1	0	0	0	0	0	0	1	0	0	1	1	0.0
ORT	1	18	0	10	2	0	18	3	52	24	0	76	74	2.7
ОТО	0	6	0	3	3	0	0	3	15	5	2	22	22	0.0
PAE	0	4	0	0	1	1	1	2	9	6	0	15	14	7.1
PLA	1	5	0	6	3	0	8	1	24	6	2	32	30	6.7
URO	1	3	0	2	3	0	7	1	17	4	0	21	21	0.0
VAS	0	5	0	2	2	2	4	3	18	1	1	20	17	17.6
Sub Total	4	99	1	62	32	10	95	30	333	85	7	425	394	7.9
IMG	0	0	0	0	1	0	0	0	1	7	0	8	10	-20.0
SET	0	3	0	1	0	0	0	0	4	1	0	5	4	25.0
Other	0	0	0	0	0	0	0	0	0	1	1	2	2	0.0
TOTAL	4	102	1	63	33	10	95	30	338	94	8	440	410	7.3

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

Location & Medical Discipline	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% change 18/19
Anesthesia	0	7	0	6	2	0	8	4	27	20	5	52	54	-3.7
Emergency Medicine	1	1	0	3	4	1	1	1	12	0	1	13	17	-23.5
General Practice	0	4	0	2	0	0	2	0	8	0	0	8	5	60.0
Intensive Care	2	6	0	2	1	2	4	2	19	1	0	20	24	-16.7
Physician	0	0	0	0	0	0	0	0	0	2	0	2	3	-33.3
Surgery	0	33	1	28	5	3	34	15	119	43	16	178	179	-0.6
Other	0	0	0	2	2	1	2	0	7	0	1	8	0	-
Total	3	51	1	43	14	7	51	22	192	66	23	281	282	-0.4

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

Location & Medical Discipline	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% change 18/19
Anesthesia	1	24	1	11	3	1	16	4	61	8	2	71	84	-15.5
Emergency Medicine	7	34	4	18	12	2	21	18	116	25	1	142	147	-3.4
General Practice	1	5	1	10	3	1	5	3	29	5	0	34	37	-8.1
Intensive Care	1	6	1	12	7	0	9	1	37	5	1	43	46	-6.5
Surgery	3	45	0	18	7	3	30	12	118	27	13	158	171	-7.6
Other	0	1	0	1	1	0	0	1	4	4	1	9	7	28.6
Total	13	115	7	70	33	7	81	39	365	74	18	457	492	-7.1

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

	tion and Pass Rate	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	os	TOTAL 2019	TOTAL 2018	% Change 18/19
	Attended	11	91	2	55	23	3	82	27	294	93	12	399	401	-0.5
CCrISP	Pass	11	81	2	55	23	3	79	27	281	91	12	384	395	-2.8
	%	100%	89%	100%	100%	100%	100%	96%	100%	96%	98%	100%	96%	99%	-2.3
	Attended	17	268	12	166	55	19	135	68	740	260	27	1027	957	7.3
EMST	Pass	16	246	11	157	53	17	122	66	688	244	24	956	901	6.1
	%	94%	92%	92%	95%	96%	89%	90%	97%	93%	94%	89%	93%	94%	-1.1

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

Location, Specialty & Discipline	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018
CAR	0	1	0	0	0	0	1	0	2	0	0	2	2
GEN	0	3	0	1	0	3	0	1	8	3	0	11	11
NEU	0	1	0	0	0	0	1	0	2	0	0	2	1
ORT	0	3	0	2	0	0	1	0	6	2	0	8	7
ОТО	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	1	0	0	1	0	2	0	0	2	1
URO	0	1	0	1	0	0	0	0	2	0	0	2	1
VAS	0	1	0	0	0	0	0	0	1	0	0	1	1
Sub Total	0	10	0	5	0	3	4	1	23	6	0	29	24
*CLE	0	1	0	1	0	2	1	1	6	1	0	7	5
Total	0	11	0	6	0	5	5	2	29	7	0	36	29

^{*}CLE – Clinical Epidemiologist

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

Location & Medical Discipline	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018
Anesthesia	0	2	0	0	1	0	0	0	3	0	0	3	3
Emergency Medicine	0	0	0	2	1	0	2	0	5	0	0	5	5
General Practice	0	0	0	0	0	0	0	0	0	0	0	0	0
Physician	0	0	0	0	0	0	0	0	0	0	0	0	2
Intensive Care	0	0	0	0	0	0	0	0	0	0	0	0	0
Surgery	1	10	0	7	8	0	9	2	37	14	0	51	50
Other	0	1	0	0	2	0	4	1	8	1	0	9	4
Total	1	13	0	9	12	0	15	3	53	15	0	68	64

TABLE ST.9 – OWR Faculty by region, specialty and medical discipline

Location, Specialty & Discipline	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018
CAR	0	0	0	0	0	0	0	1	1	0	0	1	1
GEN	0	3	0	6	3	1	3	2	18	2	0	20	19
NEU	0	2	0	1	0	0	1	0	4	0	0	4	4
ORT	0	2	0	1	0	0	0	0	3	1	0	4	4
0ТО	0	1	0	1	0	0	1	0	3	2	0	5	3
PAE	0	1	0	1	0	0	0	0	2	2	0	4	4
PLA	0	0	0	0	0	0	0	0	0	0	0	0	0
URO	0	0	0	0	0	0	0	0	0	0	0	0	0
VAS	0	0	1	1	0	0	0	0	2	1	0	3	1
Sub Total	0	9	1	11	3	1	5	3	33	8	0	41	36
INTENSIVIST	1	0	0	0	0	0	0	0	1	0	0	1	1
Total	1	9	1	11	3	1	5	3	34	8	0	42	37

Section two: International Medical Graduates

Explanatory notes

AUSTRALIA

RACS is accredited by the Australian Medical Council (AMC) to train surgeons and maintain surgical standards. International Medical Graduates (IMGs) 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 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 IMG to determine whether all these components will enable the IMG to practice at a level comparable to the standard expected of an Australian and New Zealand trained surgical specialist commencing in the same field of practice.

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

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

- RACS Specialist Assessment of International Medical Graduates in Australia https://www.surgeons.org/imgs/ contacts-guidelines-and-forms
- RACS Assessing an IMG's Comparability to an Australian and New Zealand Trained Surgical Specialist

https://www.surgeons.org/imgs/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)
 Good practice guidelines for the specialist international medical graduate assessment process https://www.medicalboard.gov.au/ Registration/International-Medical-Graduates/Specialist-Pathway.aspx

International Medical Graduates – RACS Supervised Practice

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

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

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

The Short Term Training in a Medical Specialty Pathway allows overseastrained specialists or specialists-intraining 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/imgs/ 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

NEW ZEALAND

In New Zealand, RACS acts as an agent of, and provides recommendations to, the Medical Council of New Zealand (MCNZ) on applications by IMGs 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 RACS advise whether an IMG'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 IMG's suitability for the vocational registration pathway is provided to the MCNZ to advise if the IMG is suitable for the pathway. The recommendation includes whether the IMG should be placed under MCNZ approved supervision, or undergoes RACS approved assessment to ensure the IMG is at the required standard. The MCNZ considers this and determines the type of medical registration that will be offered to the IMG and any restrictions or conditions that may be placed on that registration. The MCNZ advises RACS and the IMG of its decision.

If the IMG is required to undertake a RACS approved vocational assessment, RACS is asked to approve the post and the supervisor(s) and the supervisor's reports are sent to RACS and to the MCNZ. Once all assessment requirements have been completed by the IMG, RACS recommends to the MCNZ if the IMG should be approved for inclusion on the vocational register in the relevant specialty.

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

Australia

 ${\sf TABLE\ IMG.1-Number\ of\ International\ Medical\ Graduate\ applications\ received\ by\ specialty}$

	CAR	GEN	NEU	ORT	0T0	PAE	PLA	URO	VAS	Total 2019
Specialist recognition	2	7	4	9	7	1	6	2	1	39
Area of need	1	1	0	1	1	0	0	1	0	5
Total	3	8	4	10	8	1	6	3	1	44

TABLE IMG.2 – International Medical Graduate countries of training

	Qualification							
Country	Primary	Specialist						
Australia	2	0						
Austria	2	1						
Belgium	1	1						
Brazil	2	2						
Canada	1	1						
Chile	1	1						
Germany	2	3						
Greece	1	1						
Hong Kong	1	1						
Hungary	2	1						
India	8	6						
Iraq	1	1						
Israel	0	1						
	1	<u>+</u> 1						
Japan Jordan	1	1						
	1	1						
Nepal	0	1						
Norway Panublis Of Kanya	1							
Republic Of Kenya South Africa		0						
	3	6						
Sri Lanka	2	2						
Switzerland	3	3						
Turkey	1	1						
United Kingdom	6	7						
United States Of America	1	1						
Total	44	44						

 $^{^{\}rm a} The \ country \ in \ which \ the \ IMG \ gained \ their \ qualification \ (primary \ qualification \ and \ specialist \ qualification).$

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

	CAR	GEN	NEU	ORT	0ТО	PAE	PLA	URO	VAS	Total 2019
No. of IMGs not comparable	Ω	2	1	2	1	n	,	2	n	11

Note: IMGs are subject to document-based assessment only. Interview is not required. Data inclusive of applications activated in 2018.

TABLE IMG.4 - Number of applications withdrawn by International Medical Graduates

	CAR	GEN	NEU	ORT	0ТО	PAE	PLA	URO	VAS	Total 2019
Before initial assessment	0	1	1	2	0	0	0	0	1	5
Between initial and final assessment	0	0	0	0	0	0	0	0	0	0
Total	0	1	1	2	0	0	0	0	1	5

Note: Number of IMGs who notify the college that they no longer wish to proceed with their application for specialist assessment

TABLE IMG.5 – Specialist assessment pathway: 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	0T0	PAE	PLA	URO	VAS	Total 2019
Substantially comparable (full scope)	0	2	0	0	0	0	0	0	0	2
Substantially comparable (defined scope)	1	0	0	0	0	0	0	0	0	1
Partially comparable	0	5	2	4	5	0	5	1	0	22
Not comparable	0	2	2	6	2	0	2	4	0	18
In progress	1	0	0	1	1	1	0	0	1	5
Total	2	9	4	11	8	1	7	5	1	48
Applications activated in 2018	0	2	0	2	1	0	1	3	0	9
Applications activated in 2019	2	7	4	9	7	1	6	2	1	39
Total processed	2	9	4	11	8	1	7	5	1	48

Note: If IMGs comparability is based on a limited scope of practice this should be noted. Data inclusive of applications activated in 2018.

TABLE IMG.6 - Specialist assessment pathway: International Medical Graduate specialists under oversight/supervision

					Clinica	al asses	sment	- by spe	cialty		
Supervision / oversight period		CAR	GEN	NEU	ORT	0T0	PAE	PLA	URO	VAS	Total 2019
Currently under evereight	≤12 months	0	0	0	0	0	0	0	1	0	1
Currently under oversight	≤24 months	0	0	0	0	0	0	0	0	0	0
Currently under supervision	≤12 months	0	4	1	2	3	1	2	0	1	14
Currently under supervision	≤ 24 months	4	10	1	13	6	3	7	0	2	46
Completed oversight/ supervision		1	2	1	3	3	0	1	0	2	13
Total		5	16	3	18	12	4	10	1	5	74

Clinical assessment - by location of residence												
Supervision / oversight period		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	Total 2019
Company of the second selection of the second selectio	≤12 months	0	1	0	0	0	0	0	0	1	0	1
Currently under oversight	≤ 24 months	0	0	0	0	0	0	0	0	0	0	0
Compathornal	≤12 months	0	2	1	3	2	0	3	2	13	1	14
Currently under supervision	≤ 24 months	2	12	2	10	4	1	8	6	45	1	46
Completed oversight/ supervision		0	4	1	3	2	0	2	1	13	0	13
Total	_	2	19	4	16	8	1	13	9	72	2	74

TABLE IMG.7 – Area of need pathway: 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	0T0	PAE	PLA	URO	VAS	Total 2019
Substantially comparable (full scope)	0	0	0	0	0	0	0	0	0	0
Substantially comparable (defined scope)	0	0	0	1	0	0	0	0	0	1
Partially comparable	0	1	0	0	0	0	0	1	0	2
Not comparable	0	0	0	0	1	0	0	0	0	1
In progress	1	0	0	0	0	0	0	0	0	1
Total	1	1	0	1	1	0	0	1	0	5
Applications activated in 2018	0	0	0	0	0	0	0	0	0	0
Applications activated in 2019	1	1	0	1	1	0	0	1	0	5
Total processed	1	1	0	1	1	0	0	1	0	5

TABLE IMG.8 - Area of need pathway: International Medical Graduate specialists under oversight/ supervision

					Clinic	al asse	ssment	- by sp	ecialty		
Supervision / oversight period	<u> </u>	CAR	GEN	NEU	ORT	ОТО	PAE	PLA	URO	VAS	Total 2019
	≤12 months	0	0	0	0	0	0	0	0	0	0
Currently under oversight	≤24 months	0	0	0	1	0	0	0	0	0	1
Company to the control of the contro	≤ 12 months	0	0	0	1	1	0	1	0	1	4
Currently under supervision	≤ 24 months	0	1	0	0	0	0	1	1	0	3
Completed oversight/ supervision		0	0	0	0	2	0	0	0	0	2
Total		0	1	0	2	3	0	2	1	1	10

			Cli	inical	assess	ment	- by lo	cation	of res	idence		
Supervision / oversight period		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	Total 2019
	≤12 months	0	0	0	0	0	0	0	0	0	0	0
Currently under oversight	≤ 24 months	0	0	0	0	0	1	0	0	1	0	1
Comments	≤12 months	0	0	1	2	0	0	1	0	4	0	4
Currently under supervision	≤ 24 months	0	0	2	1	0	0	0	0	3	0	3
Completed oversight/ supervision		0	0	0	0	0	2	0	0	2	0	2
Total	-	0	0	3	3	0	3	1	0	10	0	10

TABLE IMG.9 – 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 Report combined report.

	CAR	GEN	NEU	ORT	0T0	PAE	PLA	URO	VAS	Total 2019
Suitable for area of need position	0	1	0	1	0	0	0	1	0	3
Not suitable for area of need position	0	0	0	0	1	0	0	0	0	1
In progress	1	0	0	0	0	0	0	0	0	1
Total	1	1	0	1	1	0	0	1	0	5

TABLE IMG.10 – International Medical Graduate outcome of final assessment

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

		CAR	GEN	NEU	ORT	ОТО	PAE	PLA	URO	VAS	Total 2019
Recommended for recognition as specialist	Substantially comparable (full scope)	0	5	0	1	2	0	0	0	0	8
	Substantially comparable (defined scope)	0	0	0	0	0	0	0	0	0	0
	Partially comparable	0	2	1	9	0	0	2	2	0	16
	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	2	0	3	0	0	1	0	0	6
	Not comparable	0	0	0	0	0	0	0	0	0	0
Total		0	9	1	13	2	0	3	2	0	30

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

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

	2019
0-3 months	3
4-6 months	1
7-12 months	0
13 months +	0
In progress	1
Total	5

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

TABLE IMG.12 - International Medical Graduate time for area of need assessment

	2019
0-3 months	31
4-6 months	11
7-12 months	2
13 months +	0
In progress	4
Total	48
In progress	4

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

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

	2019
0-3 months	0
4-6 months	0
7-12 months	1
13-18 months	7
19-24 months	4
25-36 months	7
37-48 months	4
48 months +	1
Total	24

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 IMG.14 - International Medical Graduate - number and outcome of appeal

Total number of appeals		2019
Desirion being appealed	Outcome of initial assessment	0
Decision being appealed	Outcome of final assessment	0
Original decision	Not comparable	0
Original decision	Partially comparable	0
RACS decision	Upheld	0
KACS UECISION	Overturned	0

TABLE IMG.15 - Short-termed specified training: International Medical Graduate applications by specialty

RACS decision	CAR	GEN	NEU	ORT	0T0	PAE	PLA	URO	VAS	Total 2019
Approved	21	29	14	92	19	8	22	17	9	231
Denied	0	0	0	0	0	0	0	0	0	0
Pending	0	0	0	0	0	0	1	0	0	1
In Process	0	1	0	1	2	0	1	0	0	5
Total	21	30	14	93	21	8	24	17	9	237

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

RACS decision	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	Total 2019
Approved	0	89	2	26	35	3	53	23	231	0	231
Denied	0	0	0	0	0	0	0	0	0	0	0
Pending	0	1	0	0	0	0	0	0	1	0	1
In Process	0	0	1	1	0	1	2	0	5	0	5
Total	0	90	3	27	35	4	55	23	237	0	237

TABLE IMG.17 Number of International Medical Graduate specialists practicing in Australia

	Total 2019
Total number of IMGs praticing in	
Australia with valid assessment	84

Note: IMGs undergoing clinical assessment or IMGs 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.

New Zealand

TABLE IMG.18 – Applications for International Medical Graduate specialists

Preliminary advice to the MCNZ following documentation review	CAR	GEN	NEU	ORT	0ТО	PAE	PLA	URO	VAS	TOTAL
Likely To Be Suitable For Vocational Pathway	0	0	0	1	1	0	0	0	0	2
Unlikely To Be Suitable For Vocational Pathway	0	0	1	0	0	0	2	1	0	4
Unable To Determine Suitability By Documentation Only	0	2	0	2	2	0	0	1	0	7
Preliminary Advise requests not yet completed	0	0	0	0	0	0	0	0	0	0
Total	0	2	1	3	3	0	2	2	0	13

TABLE IMG.19 - Interview outcomes for International Medical Graduate specialists applicants

Advice to MCNZ following interview	CAR	GEN	NEU	ORT	OT0	PAE	PLA	URO	VAS	TOTAL
Vocational Pathway - Supervision (MCNZ approved)	0	2	0	4	0	0	0	0	0	6
Vocational Pathway - Supervised Assessment (College Approved)	0	3	0	4	2	0	0	1	0	10
Not Recommended As Suitable For Vocational Pathway	0	1	0	1	1	0	0	1	0	4
Total	0	6	0	9	3	0	0	2	0	20

Applications yet to achieve interview completion	CAR	GEN	NEU	ORT	0ТО	PAE	PLA	URO	VAS	TOTAL
applicatnts withdrawn prior to interview 2019	0	0	0	0	0	0	0	0	0	0
applicants awaiting interview at end of December 2019	0	1	1	0	2	0	0	1	0	5
interview process incomplete at end of December 2019	0	0	0	1	0	0	3	0	0	4
Total	0	1	1	1	2	0	3	1	0	9

${\it TABLE\ IMG. 20-International\ Medical\ Graduate\ specialists\ participating\ in\ vocational\ assessment}$

IMGs under College approved Vocational Assessment in 2019	CAR	GEN	NEU	ORT	ОТО	PAE	PLA	URO	VAS	TOTAL
For Full Scope Registration	0	5	1	7	4	0	1	0	1	19
For Restricted Scope Registration	0	1	0	0	0	0	1	0	0	2
Total	0	6	1	7	4	0	2	0	1	21

College approved vocational assessments completed in 2019	CAR	GEN	NEU	ORT	ОТО	PAE	PLA	URO	VAS	TOTAL
To Satisfactory Standard	0	2	1	1	2	0	0	0	0	6
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	2	1	1	2	0	0	0	0	6

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

RACS Recommendation after review	CAR	GEN	NEU	ORT	OT0	PAE	PLA	URO	VAS	TOTAL
Recommendation Altered	0	0	0	0	0	0	1	0	1	2
Recommendation Not Altered	0	0	0	0	0	0	0	1	0	1
In progress	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	1	1	3

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

Section Three: Surgical Education and Training

EXPLANATORY NOTES

The College is accredited 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 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. Paediatric Surgery did not offer selection in 2019.

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 admitted to Fellowship in the middle of the year are not counted as an active Trainee in all tables.

DATA HIGHLIGHTS

Neurosurgery had the largest increase in 2019 applications compared to 2018 (121.8 per cent). There was also a 30 per cent increase in the number of female applicants to Neurosurgery. There were 284 applicants who were offered a Trainee position in 2019 (Table SET.5). Sixteen trainees (10 more than in 2018) were approved for part-time training in 2019. Eleven of these were in the General Surgery program (Table SET.8)

17 Trainees identified as Māori and 7 identified as Aboriginal and Torres Strait Islander.

Includes Trainees who have identified their ethnicity/ancestory. Identifying as Aboriginal and Torres Strait Islander or Māori is optional. Activities Report 2019 20

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

Specia	lty & Type	SET	IMG	NON IMG / Trainee	Fellow	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	0	0	36	0	36	34	5.9%
CAR	Female	0	0	12	0	12	9	33.3%
	Total	0	0	48	0	48	43	11.6%
	Male	0	0	201	0	201	202	-0.5%
GEN	Female	0	0	112	0	112	113	-0.9%
	Total	0	0	313	0	313	315	-0.6%
	Male	0	0	51	0	51	39	30.8%
NEU	Female	0	0	16	0	16	16	0.0%
	Total	0	0	67	0	67	55	21.8%
	Male	0	0	63	0	63	56	12.5%
ORT	Female	0	0	11	0	11	17	-35.3%
	Total	0	0	74	0	74	73	1.4%
	Male	0	0	67	0	67	52	28.8%
ОТО	Female	1	0	25	0	26	28	-7.1%
	Total	1	0	92	0	93	80	16.3%
	Male	0	0	0	0	0	10	-100.0%
PAE	Female	0	0	0	0	0	11	-100.0%
	Total	0	0	0	0	0	21	-100.0%
	Male	3	0	55	0	58	60	-3.3%
PLA	Female	0	0	28	0	28	28	0.0%
	Total	3	0	83	0	86	88	-2.3%
	Male	6	0	41	0	47	40	17.5%
URO	Female	1	0	18	0	19	23	-17.4%
	Total	7	0	59	0	66	63	4.8%
	Male	4	0	28	0	32	31	3.2%
VAS	Female	0	0	10	0	10	7	42.9%
	Total	4	0	38	0	42	38	10.5%
	Male	13	0	542	0	555	524	5.9%
Total	Female	2	0	232	0	234	252	-7.1%
	Total	15	0	774	0	789	776	1.7%

^a Total number of SET applications may include more than one application from an individual. ^b Non-IMG/Trainee refers to applications from those not currently Fellows, Trainees or IMGs. ^cThere was no selection held for new Paediatric trainees in 2019.

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

	ation & ecialty	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	0	11	0	7	2	0	6	3	29	7	0	36	34	5.9
CAR	Female	0	2	0	4	1	0	3	0	10	2	0	12	9	33.3
	Total	0	13	0	11	3	0	9	3	39	9	0	48	43	11.6
	Male	1	51	3	49	12	0	40	13	169	32	0	201	202	-0.5
GEN	Female	1	37	0	17	2	1	32	7	97	15	0	112	113	-0.9
	Total	2	88	3	66	14	1	72	20	266	47	0	313	315	-0.6
	Male	1	20	0	9	3	4	8	2	47	3	1	51	39	30.8
NEU	Female	0	6	0	2	0	0	5	0	13	3	0	16	16	0.0
	Total	1	26	0	11	3	4	13	2	60	6	1	67	55	21.8
	Male	2	21	0	10	2	1	8	7	51	12	0	63	56	12.5
ORT	Female	0	5	0	2	0	0	1	0	8	3	0	11	17	-35.3
	Total	2	26	0	12	2	1	9	7	59	15	0	74	73	1.4
	Male	0	22	0	13	3	0	16	2	56	11	0	67	52	28.8
0ТО	Female	0	8	0	5	2	1	4	2	22	4	0	26	28	-7.1
	Total	0	30	0	18	5	1	20	4	78	15	0	93	80	16.3
	Male	0	0	0	0	0	0	0	0	0	0	0	0	10	-100.0
PAE	Female	0	0	0	0	0	0	0	0	0	0	0	0	11	-100.0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	21	-100.0
	Male	1	18	1	5	4	2	16	1	48	10	0	58	60	-3.3
PLA	Female	0	4	0	2	2	1	12	2	23	5	0	28	28	0.0
	Total	1	22	1	7	6	3	28	3	71	15	0	86	88	-2.3
	Male	2	9	0	11	5	0	9	4	40	7	0	47	40	17.5
URO	Female	0	3	0	4	1	0	7	0	15	4	0	19	23	-17.4
	Total	2	12	0	15	6	0	16	4	55	11	0	66	63	4.8
	Male	0	9	0	8	0	0	7	3	27	5	0	32	31	3.2
VAS	Female	1	3	0	0	2	0	4	0	10	0	0	10	7	42.9
	Total	1	12	0	8	2	0	11	3	37	5	0	42	38	10.5
	Male	7	161	4	112	31	7	110	35	467	87	1	555	524	5.9
Total	Female	2	68	0	36	10	3	68	11	198	36	0	234	252	-7.1
	Total	9	229	4	148	41	10	178	46	665	123	1	789	776	1.7

^a Total number of SET applications may include more than one application from an individual. ^bThere was no selection held for new Paediatric trainees in 2019.

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

Numb	er & Type	SET	SET Deferred	IMG	NON IMG / Trainee	Fellow	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	13	0	0	452	0	465	419	11.0
1	Female	2	0	0	208	0	210	217	-3.2
	Total	15	0	0	660	0	675	636	6.1
	Male	0	0	0	45	0	45	50	-10.0
2	Female	0	0	0	9	0	9	16	-43.8
	Total	0	0	0	54	0	54	66	-18.2
	Male	0	0	0	0	0	0	1	-100.0
3	Female	0	0	0	1	0	1	1	NA
	Total	0	0	0	1	0	1	2	-50.0
	Male	0	0	0	0	0	0	1	NA
24	Female	0	0	0	0	0	0	0	NA
	Total	0	0	0	0	0	0	1	NA
	Male	13	0	0	497	0	510	471	8.3
Total	Female	2	0	0	218	0	220	234	-6.0
	Total	15	0	0	715	0	730	705	3.5

 $^{^{\}rm a}$ Unsuccesful applicants to the Orthopaedic SET program are not included..

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

	0	ffers	Unsu	ccessful	Wait	ing List	With	ndrawn	Ine	ligible	De	clined	Total
Specialty	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	application outcomes 2019
CAR	13	27.1	35	72.9	0	0.0	0	0.0	0	0.0	0	0.0	48
GEN	124	40.1	183	59.2	0	0.0	2	0.6	0	0.0	4	1.3	309
NEU	10	14.9	56	83.6	0	0.0	1	1.5	0	0.0	0	0.0	67
ORT	74	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	74
OTO	14	15.1	78	83.9	0	0.0	1	1.1	0	0.0	0	0.0	93
PAE	0	0	0	0	0	0	0	0	0	0	0	0	0
PLA	18	20.9	68	79.1	0	0.0	0	0.0	0	0.0	0	0.0	86
URO	20	30.3	37	56.1	9	13.6	0	0.0	0	0.0	0	0.0	66
VAS	11	26.2	31	73.8	0	0.0	0	0.0	0	0.0	0	0.0	42
Total	284	36.2	488	62.2	9	1.1	4	0.5	0	0.0	4	0.5	785
					Appli	cant type							
SET	7	46.7	7	46.7	1	6.7	0	0.0	0	0.0	0	0.0	15
IMG	0	-	0	-	0	-	0	-	0	-	0	-	0
Non IMG / Trainee	277	36.0	481	62.5	8	1.0	4	0.5	0	0.0	4	0.5	770
Total	284	36.2	488	62.2	9	1.1	4	0.5	0	0.0	4	0.5	785

^a Includes deferred applications

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

 $^{^{\}rm c}$ There was no selection held for new Paediatric trainees in 2019.

 $_{\mbox{\tiny d}}$ Only successful Orthopaedic applications are indicated.

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

	cialty &	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	0	4	0	2	0	0	0	2	8	1	0	9	2	350.0
CAR	Female	0	1	0	1	0	0	2	0	4	0	0	4	1	300.0
	Total	0	5	0	3	0	0	2	2	12	1	0	13	3	333.3
	Male	0	25	2	21	5	0	9	3	65	12	0	77	84	-8.3
GEN	Female	0	20	0	8	1	0	11	1	41	6	0	47	55	-14.5
	Total	0	45	2	29	6	0	20	4	106	18	0	124	139	-10.8
	Male	0	6	0	0	0	0	2	0	8	0	0	8	6	33.3
NEU	Female	0	0	0	0	0	0	2	0	2	0	0	2	1	100.0
	Total	0	6	0	0	0	0	4	0	10	0	0	10	7	42.9
	Male	2	21	0	10	2	1	8	7	51	12	0	63	35	80.0
ORT	Female	0	5	0	2	0	0	1	0	8	3	0	11	11	0.0
	Total	2	26	0	12	2	1	9	7	59	15	0	74	46	60.9
	Male	0	5	0	0	2	0	2	0	9	3	0	12	12	0.0
0T0	Female	0	0	0	0	0	1	1	0	2	0	0	2	7	-71.4
	Total	0	5	0	0	2	1	3	0	11	3	0	14	19	-26.3
	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
PAE	Female	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Male	0	2	0	1	1	0	3	0	7	1	0	8	14	-42.9
PLA	Female	0	0	0	2	1	0	4	0	7	3	0	10	6	66.7
	Total	0	2	0	3	2	0	7	0	14	4	0	18	20	-10.0
	Male	1	2	0	6	1	0	1	1	12	2	0	14	14	0.0
URO	Female	0	0	0	2	0	0	2	0	4	2	0	6	6	0.0
	Total	1	2	0	8	1	0	3	1	16	4	0	20	20	0.0
	Male	0	1	0	2	0	0	2	2	7	2	0	9	5	80.0
VAS	Female	0	1	0	0	1	0	0	0	2	0	0	2	2	0.0
	Total	0	2	0	2	1	0	2	2	9	2	0	11	7	57.1
	Male	3	66	2	42	11	1	27	15	167	33	0	200	172	16.3
Total	Female	0	27	0	15	3	1	23	1	70	14	0	84	90	-6.7
	Total	3	93	2	57	14	2	50	16	237	47	0	284	262	8.4

^aThere was no selection held for new Paediatric trainees in 2019.

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

Trainee status		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	9	248	4	151	54	7	175	66	714	116	1	831	834	-0.4
Clinical	Female	7	101	4	46	17	5	84	25	289	55	0	344	304	13.2
	Total	16	349	8	197	71	12	259	91	1003	171	1	1175	1138	3.3
	Male	0	0	0	1	0	0	0	0	1	0	0	1	0	-
Accredited Research	Female	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
Research	Total	0	0	0	1	0	0	0	0	1	0	0	1	1	0.0
	Male	0	0	0	0	4	1	1	0	6	1	0	7	0	-
Part Time	Female	0	2	0	4	2	0	1	0	9	0	0	9	6	50.0
	Total	0	2	0	4	6	1	2	0	15	1	0	16	6	166.7
	Male	0	0	0	0	0	1	1	0	2	0	0	2	6	-66.7
Probationary	Female	0	0	0	0	0	0	0	0	0	0	0	0	5	-100.0
	Total	0	0	0	0	0	1	1	0	2	0	0	2	11	-81.8
	Male	0	5	0	0	0	0	1	1	7	1	0	8	9	-11.1
Exam Pending	Female	0	1	0	0	0	0	2	0	3	0	0	3	2	50.0
	Total	0	6	0	0	0	0	3	1	10	1	0	11	11	0.0
	Male	9	253	4	152	58	9	178	67	730	118	1	849	849	0.0
Total	Female	7	104	4	50	19	5	87	25	301	55	0	356	318	11.9
	Total	16	357	8	202	77	14	265	92	1031	173	1	1205	1167	3.3

^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 1 by SET St	_	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
Approved	Male	0	6	1	2	0	1	4	1	15	3	1	19	25	-24.0
Interruption	Female	0	7	0	3	2	1	8	4	25	7	0	32	51	-37.3
to training	Total	0	13	1	5	2	2	12	5	40	10	1	51	76	-32.9
	Male	0	1	0	0	2	0	3	0	6	2	0	8	12	-33.3
Deferred	Female	0	2	0	0	0	0	0	0	2	3	0	5	4	25.0
	Total	0	3	0	0	2	0	3	0	8	5	0	13	16	-18.8
	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Suspended	Female	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Male	0	7	1	2	2	1	7	1	21	5	1	27	37	-27.0
TOTAL	Female	0	9	0	3	2	1	8	4	27	10	0	37	56	-33.9
	Total	0	16	1	5	4	2	15	5	48	15	1	64	93	-31.2

^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 Sta	atus	CAR	GEN	NEU	ORT	ОТО	PAE	PLA	URO	VAS	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	24	287	43	234	56	13	66	80	28	831	834	-0.4
Clinical	Female	10	168	14	44	27	19	31	18	13	344	304	13.2
	Total	34	455	57	278	83	32	97	98	41	1175	1138	3.3
	Male	0	0	0	0	0	1	0	0	0	1	0	-
Accredited Research	Female	0	0	0	0	0	0	0	0	0	0	1	-100.0
Research	Total	0	0	0	0	0	1	0	0	0	1	1	0.0
	Male	0	4	0	1	2	0	0	0	0	7	0	-
Part Time	Female	0	7	0	0	0	0	1	1	0	9	6	50.0
	Total	0	11	0	1	2	0	1	1	0	16	6	166.7
	Male	0	0	0	0	0	0	2	0	0	2	0	-
Probationary	Female	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Total	0	0	0	0	0	0	2	0	0	2	1	100.0
	Male	2	4	0	1	0	0	1	0	0	8	15	-46.7
Exam Pending	Female	0	1	0	1	0	0	0	1	0	3	6	-50.0
_	Total	2	5	0	2	0	0	1	1	0	11	21	-47.6
	Male	26	295	43	236	58	14	69	80	28	849	849	0.0
Total	Female	10	176	14	45	27	19	32	20	13	356	318	11.9
	Total	36	471	57	281	85	33	101	100	41	1205	1167	3.3

^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 $^{\rm a}$

Trainee sta	itus	CAR	GEN	NEU	ORT	ОТО	PAE	PLA	URO	VAS	TOTAL 2019	TOTAL 2018	% Change 18/19
Approved	Male	1	11	1	0	1	1	0	2	2	19	25	-24.0
Interruption to	Female	0	21	0	0	3	1	2	4	1	32	51	-37.3
training	Total	1	32	1	0	4	2	2	6	3	51	76	-32.9
	Male	0	4	0	0	2	0	1	0	1	8	12	-33.3
Deferred	Female	0	3	0	0	1	0	1	0	0	5	4	25.0
Deterreu	Total	0	7	0	0	3	0	2	0	1	13	16	-18.8
	Male	0	0	0	0	0	0	0	0	0	0	0	0.0
Suspended	Female	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Total	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Male	1	15	1	0	3	1	1	2	3	27	37	-27.0
Total	Female	0	24	0	0	4	1	3	4	1	37	56	-33.9
	Total	1	39	1	0	7	2	4	6	4	64	93	-31.2

^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 $^{\rm a}$

	Terminated from SET		Withdraw	ın from SET	01	:her	To	otal
Specialty	Male	Female	Male	Female	Male	Female	Male	Female
CAR	1	0	0	0	0	0	1	0
GEN	1	0	2	1	0	0	3	1
NEU	0	0	0	0	0	0	0	0
ORT	0	0	0	1	0	0	0	1
0ТО	0	0	0	0	0	0	0	0
PAE	0	1	0	1	0	0	0	2
PLA	0	0	1	0	0	0	1	0
URO	0	0	1	0	0	0	1	0
VAS	0	0	0	0	0	0	0	0
Total	2	1	4	3	0	0	6	4

 $^{^{\}rm a}$ 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

	Terminate	d from SET	Withdraw	n from SET	Ot	:her	To	tal
Specialty	Male	Female	Male	Female	Male	Female	Male	Female
Year 1	0	0	2	1	0	0	2	1
Year 2	0	0	2	0	0	0	2	0
Year 3	0	0	0	0	0	0	0	0
Year 4	0	0	0	1	0	0	0	1
Year 5	0	0	0	0	0	0	0	0
Year 6+	2	1	0	1	0	0	2	2
Total	2	1	4	3	0	0	6	4
% of all trainees	0.2%	0.3%	1.1%	0.8%	0.0%	0.0%	1.7%	1.1%

 $^{^{\}rm a}$ 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 $^{\rm a}$

Specialty	Terminated from SET		Withdraw	n from SET	Ot	:her	Total		
	Male	Female	Male	Female	Male	Female	Male	Female	
ACT	0	0	0	0	0	0	0	0	
NSW	1	0	2	0	0	0	3	0	
NT	0	0	0	0	0	0 0		0	
QLD	0	0	0	2	0	0	0	2	
SA	0	0	0	0	0	0	0	0	
TAS	0	0	0	0	0	0	0	0	
VIC	1	0	2	1	0	0	3	1	
WA	0	0	0	0	0	0	0	0	
AUS	2	0	4	3	0	0	6	3	
NZ	0	1	0	0	0	0	0	1	
0/S	0	0	0	0	0	0	0	0	
Total	2	1	4	3	0	0	6	4	

 $^{^{\}rm a}$ 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	0/S	TOTAL 2019
	Male	1	45	0	21	6	2	18	6	99	16	0	115
←30	Female	0	15	4	3	5	1	14	5	47	8	0	55
	Total	1	60	4	24	11	3	32	11	146	24	0	170
	Male	6	130	4	82	39	4	105	39	409	69	1	479
30-34	Female	5	53	0	29	9	2	51	14	163	34	0	197
	Total	11	183	4	111	48	6	156	53	572	103	1	676
	Male	2	54	0	36	8	3	42	15	160	27	0	187
35-39	Female	1	27	0	18	4	2	20	5	77	11	0	88
	Total	3	81	0	54	12	5	62	20	237	38	0	275
	Male	0	22	0	11	4	0	12	7	56	3	0	59
40-44	Female	1	7	0	0	1	0	2	1	12	2	0	14
	Total	1	29	0	11	5	0	14	8	68	5	0	73
	Male	0	1	0	2	1	0	1	0	5	3	0	8
45-49	Female	0	2	0	0	0	0	0	0	2	0	0	2
	Total	0	3	0	2	1	0	1	0	7	3	0	10
	Male	0	0	0	0	0	0	0	0	0	0	0	0
50-54	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
	Male	0	1	0	0	0	0	0	0	1	0	0	1
55-70+	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	1	0	0	0	0	0	0	1	0	0	1
	Male	9	253	4	152	58	9	178	67	730	118	1	849
Total	Female	7	104	4	50	19	5	87	25	301	55	0	356
	Total	16	357	8	202	77	14	265	92	1031	173	1	1205

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

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

	rainees by lty & Age	CAR	GEN	NEU	ORT	0T0	PAE	PLA	URO	VAS	TOTAL 2019
	Male	1	53	7	19	8	0	9	13	5	115
←30	Female	1	38	1	5	7	1	0	0	2	55
	Total	2	91	8	24	15	1	9	13	7	170
	Male	18	143	23	140	37	10	38	53	17	479
30-34	Female	7	83	10	34	8	10	21	15	9	197
	Total	25	226	33	174	45	20	59	68	26	676
	Male	3	69	10	57	13	4	16	10	5	187
35-39	Female	2	47	2	5	10	7	8	5	2	88
	Total	5	116	12	62	23	11	24	15	7	275
	Male	3	28	3	17	0	0	5	2	1	59
40-44	Female	0	6	1	1	2	1	3	0	0	14
	Total	3	34	4	18	2	1	8	2	1	73
	Male	1	1	0	3	0	0	1	2	0	8
45-49	Female	0	2	0	0	0	0	0	0	0	2
	Total	1	3	0	3	0	0	1	2	0	10
	Male	0	0	0	0	0	0	0	0	0	0
50-54	Female	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0
	Male	0	1	0	0	0	0	0	0	0	1
55-70+	Female	0	0	0	0	0	0	0	0	0	0
	Total	0	1	0	0	0	0	0	0	0	1
	Male	26	295	43	236	58	14	69	80	28	849
Total	Female	10	176	14	45	27	19	32	20	13	356
	Total	36	471	57	281	85	33	101	100	41	1205

^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 $^{\rm a}$

	on & Year raining	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	1	59	1	31	11	2	28	11	144	27	0	171	169	
Year 1	Female	2	24	4	9	4	4	19	9	75	13	0	88	76	
	Total	3	83	5	40	15	6	47	20	219	40	0	259	245	5.7
	Male	3	46	3	29	11	2	33	13	140	21	0	161	187	
Year 2	Female	2	16	0	11	5	0	18	7	59	16	0	75	43	
	Total	5	62	3	40	16	2	51	20	199	37	0	236	230	2.6
	Male	2	50	0	34	16	1	33	12	148	35	0	183	151	
Year 3	Female	0	15	0	9	2	0	13	5	44	8	0	52	59	
	Total	2	65	0	43	18	1	46	17	192	43	0	235	210	11.9
	Male	1	44	0	32	12	2	35	10	136	16	0	152	138	
Year 4	Female	1	18	0	4	3	0	16	1	43	9	0	52	45	
	Total	2	62	0	36	15	2	51	11	179	25	0	204	183	11.5
	Male	2	39	0	19	3	0	34	20	117	13	1	131	157	
Year 5	Female	0	18	0	11	2	1	13	2	47	7	0	54	67	
	Total	2	57	0	30	5	1	47	22	164	20	1	185	224	-17.4
	Male	0	15	0	7	5	2	15	1	45	6	0	51	47	
Year 6+	Female	2	13	0	6	3	0	8	1	33	2	0	35	28	
OΤ	Total	2	28	0	13	8	2	23	2	78	8	0	86	75	14.7
	Male	9	253	4	152	58	9	178	67	730	118	1	849	849	'
Total	Female	7	104	4	50	19	5	87	25	301	55	0	356	318	
	Total	16	357	8	202	77	14	265	92	1031	173	1	1205	1167	3.3

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

 ${\sf TABLE\,SET.16-Active\,Cardiothoracic\,SET\,Trainees\,by\,years\,in\,training\,and\,training\,post\,location}$

	n & Year of iining	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	0	1	0	0	0	0	0	0	1	0	0	1	4	
Year 1	Female	0	0	0	0	0	0	0	0	0	1	0	1	3	
	Total	0	1	0	0	0	0	0	0	1	1	0	2	7	-71.4
	Male	0	0	0	1	1	0	2	0	4	1	0	5	4	
Year 2	Female	0	1	0	0	0	0	1	0	2	1	0	3	0	
	Total	0	1	0	1	1	0	3	0	6	2	0	8	4	100.0
	Male	0	1	0	0	0	0	1	1	3	1	0	4	6	
Year 3	Female	0	0	0	0	0	0	0	0	0	0	0	0	2	
	Total	0	1	0	0	0	0	1	1	3	1	0	4	8	-50.0
	Male	0	2	0	2	1	0	0	0	5	1	0	6	4	
Year 4	Female	0	1	0	0	0	0	1	0	2	0	0	2	2	
	Total	0	3	0	2	1	0	1	0	7	1	0	8	6	33.3
	Male	0	1	0	0	0	0	2	0	3	0	1	4	5	
Year 5	Female	0	0	0	0	0	0	1	0	1	0	0	1	2	
	Total	0	1	0	0	0	0	3	0	4	0	1	5	7	-28.6
	Male	0	1	0	1	0	1	1	0	4	2	0	6	5	
Year 6+	Female	0	1	0	0	0	0	2	0	3	0	0	3	1	
	Total	0	2	0	1	0	1	3	0	7	2	0	9	6	50.0
	Male	0	6	0	4	2	1	6	1	20	5	1	26	28	,
Total	Female	0	3	0	0	0	0	5	0	8	2	0	10	10	
	Total	0	9	0	4	2	1	11	1	28	7	1	36	38	-5.3

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

	n & Year of iining	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	0	28	1	16	5	1	13	4	68	9	0	77	62	
Year 1	Female	2	13	4	3	1	2	12	6	43	7	0	50	32	
	Total	2	41	5	19	6	3	25	10	111	16	0	127	94	35.1
	Male	1	17	2	12	2	1	12	4	51	6	0	57	67	
Year 2	Female	1	8	0	6	1	0	7	3	26	7	0	33	23	
	Total	2	25	2	18	3	1	19	7	77	13	0	90	90	0.0
	Male	1	17	0	10	6	0	9	5	48	13	0	61	39	
Year 3	Female	0	11	0	4	1	0	9	1	26	6	0	32	26	
	Total	1	28	0	14	7	0	18	6	74	19	0	93	65	43.1
	Male	1	9	0	9	0	2	16	2	39	3	0	42	44	
Year 4	Female	0	13	0	0	2	0	4	0	19	3	0	22	17	
	Total	1	22	0	9	2	2	20	2	58	6	0	64	61	4.9
	Male	2	9	0	7	1	0	10	8	37	5	0	42	68	
Year 5	Female	0	8	0	6	1	0	3	1	19	2	0	21	38	
	Total	2	17	0	13	2	0	13	9	56	7	0	63	106	-40.6
	Male	0	6	0	3	2	0	3	0	14	2	0	16	14	
Year 6+	Female	1	5	0	3	3	0	5	1	18	0	0	18	13	
	Total	1	11	0	6	5	0	8	1	32	2	0	34	27	25.9
	Male	5	86	3	57	16	4	63	23	257	38	0	295	294	
Total	Female	4	58	4	22	9	2	40	12	151	25	0	176	149	
	Total	9	144	7	79	25	6	103	35	408	63	0	471	443	6.3

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

	n & Year of aining	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	1	2	0	1	0	1	0	0	5	1	0	6	3	
Year 1	Female	0	1	0	0	0	0	0	0	1	0	0	1	6	
	Total	1	3	0	1	0	1	0	0	6	1	0	7	9	-22.2
	Male	0	0	0	0	0	0	1	1	2	1	0	3	11	
Year 2	Female	0	0	0	2	1	0	3	0	6	0	0	6	0	
	Total	0	0	0	2	1	0	4	1	8	1	0	9	11	-18.2
	Male	0	5	0	2	0	0	3	1	11	0	0	11	10	
Year 3	Female	0	0	0	0	0	0	0	0	0	0	0	0	1	
	Total	0	5	0	2	0	0	3	1	11	0	0	11	11	0.0
	Male	0	5	0	1	1	0	2	1	10	0	0	10	6	
Year 4	Female	0	1	0	0	0	0	0	0	1	0	0	1	2	
	Total	0	6	0	1	1	0	2	1	11	0	0	11	8	37.5
	Male	0	2	0	1	0	0	3	0	6	0	0	6	7	
Year 5	Female	0	1	0	1	0	0	1	0	3	0	0	3	3	
	Total	0	3	0	2	0	0	4	0	9	0	0	9	10	-10.0
	Male	0	1	0	2	0	0	3	1	7	0	0	7	3	
Year 6+	Female	0	1	0	1	0	0	1	0	3	0	0	3	2	
	Total	0	2	0	3	0	0	4	1	10	0	0	10	5	100.0
	Male	1	15	0	7	1	1	12	4	41	2	0	43	40	
Total	Female	0	4	0	4	1	0	5	0	14	0	0	14	14	
	Total	1	19	0	11	2	1	17	4	55	2	0	57	54	5.6

 $\textbf{TABLE SET.19} - \textbf{Active Orthopaedic SET Trainees by years in training and training post location} \\ \textbf{a} \\ \textbf{b} \\ \textbf{c} \\ \textbf{$

	n & Year of iining	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	0	9	0	5	1	0	7	1	23	11	0	34	46	
Year 1	Female	0	3	0	1	0	0	1	2	7	4	0	11	10	
	Total	0	12	0	6	1	0	8	3	30	15	0	45	56	-19.6
	Male	0	13	0	9	4	1	7	4	38	8	0	46	55	
Year 2	Female	0	2	0	0	2	0	3	1	8	2	0	10	3	
	Total	0	15	0	9	6	1	10	5	46	10	0	56	58	-3.4
	Male	0	14	0	12	3	1	11	4	45	9	0	54	46	
Year 3	Female	0	1	0	0	1	0	0	1	3	0	0	3	11	
	Total	0	15	0	12	4	1	11	5	48	9	0	57	57	0.0
	Male	0	13	0	8	4	0	8	6	39	7	0	46	58	
Year 4	Female	0	2	0	0	1	0	5	0	8	2	0	10	8	
	Total	0	15	0	8	5	0	13	6	47	9	0	56	66	-15.2
	Male	0	22	0	10	2	0	11	7	52	4	0	56	31	
Year 5	Female	0	3	0	1	1	1	3	0	9	2	0	11	5	
	Total	0	25	0	11	3	1	14	7	61	6	0	67	36	86.1
	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year 6+	Female	0	0	0	0	0	0	0	0	0	0	0	0	1	
	Total	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Male	0	71	0	44	14	2	44	22	197	39	0	236	236	
Total	Female	0	11	0	2	5	1	12	4	35	10	0	45	38	
	Total	0	82	0	46	19	3	56	26	232	49	0	281	274	2.6

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

 ${\sf TABLE\,SET.20-Active\,Otolaryngology\,Head\,and\,Neck\,SET\,Trainees\,by\,years\,in\,training\,and\,training\,post\,location}$

	n & Year of ining	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	0	3	0	2	3	0	1	2	11	3	0	14	16	
Year 1	Female	0	0	0	3	2	0	3	1	9	0	0	9	6	
	Total	0	3	0	5	5	0	4	3	20	3	0	23	22	4.5
	Male	1	5	0	3	1	0	4	1	15	2	0	17	12	
Year 2	Female	0	1	0	0	1	0	2	1	5	1	0	6	2	
	Total	1	6	0	3	2	0	6	2	20	3	0	23	14	64.3
	Male	0	6	0	3	0	0	1	0	10	3	0	13	8	
Year 3	Female	0	0	0	2	0	0	0	0	2	0	0	2	2	
	Total	0	6	0	5	0	0	1	0	12	3	0	15	10	50.0
	Male	0	0	0	1	0	0	3	0	4	3	0	7	8	
Year 4+	Female	0	1	0	0	0	0	1	0	2	0	0	2	6	
	Total	0	1	0	1	0	0	4	0	6	3	0	9	14	-35.7
	Male	0	2	0	1	0	0	1	0	4	1	0	5	13	
Year 5	Female	0	2	0	1	0	0	0	1	4	2	0	6	7	
	Total	0	4	0	2	0	0	1	1	8	3	0	11	20	-45.0
	Male	0	2	0	0	0	0	0	0	2	0	0	2	3	
Year 6+	Female	0	0	0	1	0	0	0	0	1	1	0	2	1	
	Total	0	2	0	1	0	0	0	0	3	1	0	4	4	0.0
	Male	1	18	0	10	4	0	10	3	46	12	0	58	60	
Total	Female	0	4	0	7	3	0	6	3	23	4	0	27	24	
	Total	1	22	0	17	7	0	16	6	69	16	0	85	84	1.2

 ${\it TABLE\,SET.21-Active\,Paediatric\,SET\,Trainees\,by\,years\,in\,training\,and\,training\,post\,location}$

	n & Year of ining	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	0	0	0	0	0	0	0	0	0	0	0	0	5	
Year 1	Female	0	1	0	0	0	0	0	0	1	0	0	1	3	
	Total	0	1	0	0	0	0	0	0	1	0	0	1	8	-87.5
	Male	0	0	1	0	0	0	1	0	2	0	0	2	2	
Year 2	Female	0	2	0	1	0	0	0	0	3	0	0	3	5	
	Total	0	2	1	1	0	0	1	0	5	0	0	5	7	-28.6
	Male	0	0	0	1	1	0	0	0	2	2	0	4	3	
Year 3	Female	0	0	0	0	0	0	2	0	2	1	0	3	2	
	Total	0	0	0	1	1	0	2	0	4	3	0	7	5	40.0
	Male	0	0	0	1	1	0	0	1	3	0	0	3	1	
Year 4	Female	1	0	0	2	0	0	0	1	4	1	0	5	1	
	Total	1	0	0	3	1	0	0	2	7	1	0	8	2	300.0
	Male	0	0	0	0	0	0	0	0	0	1	0	1	3	
Year 5	Female	0	2	0	0	0	0	0	0	2	0	0	2	1	
	Total	0	2	0	0	0	0	0	0	2	1	0	3	4	-25.0
	Male	0	0	0	0	0	0	3	0	3	1	0	4	0	
Year 6+	Female	0	3	0	1	0	0	0	0	4	1	0	5	5	
	Total	0	3	0	1	0	0	3	0	7	2	0	9	5	80.0
	Male	0	0	1	2	2	0	4	1	10	4	0	14	14	
Total	Female	1	8	0	4	0	0	2	1	16	3	0	19	17	
	Total	1	8	1	6	2	0	6	2	26	7	0	33	31	6.5

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

	n & Year of ining	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	0	6	0	2	0	0	4	1	13	1	0	14	12	
Year 1	Female	0	3	0	1	1	1	1	0	7	0	0	7	7	
	Total	0	9	0	3	1	1	5	1	20	1	0	21	19	10.5
	Male	0	3	0	2	2	0	1	2	10	1	0	11	14	
Year 2	Female	0	2	0	0	0	0	1	2	5	2	0	7	7	
	Total	0	5	0	2	2	0	2	4	15	3	0	18	21	-14.3
	Male	0	3	0	2	2	0	3	1	11	4	0	15	15	
Year 3	Female	0	1	0	2	0	0	1	3	7	0	0	7	7	
	Total	0	4	0	4	2	0	4	4	18	4	0	22	22	0.0
	Male	0	5	0	2	3	0	3	0	13	2	0	15	10	
Year 4	Female	0	0	0	1	0	0	3	0	4	3	0	7	4	
	Total	0	5	0	3	3	0	6	0	17	5	0	22	14	57.1
	Male	0	1	0	0	0	0	5	4	10	2	0	12	10	
Year 5	Female	0	0	0	1	0	0	2	0	3	0	0	3	5	
	Total	0	1	0	1	0	0	7	4	13	2	0	15	15	0.0
	Male	0	0	0	0	0	1	0	0	1	1	0	2	3	
Year 6+	Female	0	1	0	0	0	0	0	0	1	0	0	1	1	
	Total	0	1	0	0	0	1	0	0	2	1	0	3	4	-25.0
	Male	0	18	0	8	7	1	16	8	58	11	0	69	64	
Total	Female	0	7	0	5	1	1	8	5	27	5	0	32	31	
	Total	0	25	0	13	8	2	24	13	85	16	0	101	95	6.3

 ${\it TABLE\,SET.23-Active\,Urology\,SET\,Trainees\,by\,years\,in\,training\,and\,training\,post\,location}$

	n & Year of nining	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	0	6	0	3	2	0	1	3	15	2	0	17	20	
Year 1	Female	0	1	0	1	0	1	2	0	5	1	0	6	5	
	Total	0	7	0	4	2	1	3	3	20	3	0	23	25	-8.0
	Male	1	6	0	2	1	0	4	0	14	2	0	16	14	
Year 2	Female	0	0	0	1	0	0	1	0	2	1	0	3	3	
	Total	1	6	0	3	1	0	5	0	16	3	0	19	17	11.8
	Male	1	4	0	3	2	0	3	0	13	3	0	16	17	
Year 3	Female	0	2	0	0	0	0	1	0	3	1	0	4	2	
	Total	1	6	0	3	2	0	4	0	16	4	0	20	19	5.3
	Male	0	8	0	7	1	0	1	0	17	0	0	17	1	
Year 4	Female	0	0	0	0	0	0	1	0	1	0	0	1	2	
	Total	0	8	0	7	1	0	2	0	18	0	0	18	3	500.0
	Male	0	1	0	0	0	0	1	0	2	0	0	2	11	
Year 5	Female	0	1	0	0	0	0	1	0	2	1	0	3	3	
	Total	0	2	0	0	0	0	2	0	4	1	0	5	14	-64.3
	Male	0	4	0	1	2	0	5	0	12	0	0	12	15	
Year 6+	Female	1	2	0	0	0	0	0	0	3	0	0	3	6	
	Total	1	6	0	1	2	0	5	0	15	0	0	15	21	-28.6
	Male	2	29	0	16	8	0	15	3	73	7	0	80	78	
Total	Female	1	6	0	2	0	1	6	0	16	4	0	20	21	
	Total	3	35	0	18	8	1	21	3	89	11	0	100	99	1.0

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

	n & Year of iining	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	0	4	0	2	0	0	2	0	8	0	0	8	5	
Year 1	Female	0	2	0	0	0	0	0	0	2	0	0	2	4	
	Total	0	6	0	2	0	0	2	0	10	0	0	10	9	11.1
	Male	0	2	0	0	0	0	1	1	4	0	0	4	6	
Year 2	Female	1	0	0	1	0	0	0	0	2	2	0	4	2	
	Total	1	2	0	1	0	0	1	1	6	2	0	8	8	0.0
	Male	0	0	0	1	2	0	2	0	5	0	0	5	7	
Year 3	Female	0	0	0	1	0	0	0	0	1	0	0	1	3	
	Total	0	0	0	2	2	0	2	0	6	0	0	6	10	-40.0
	Male	0	2	0	1	1	0	2	0	6	0	0	6	4	
Year 4	Female	0	0	0	1	0	0	1	0	2	0	0	2	2	
	Total	0	2	0	2	1	0	3	0	8	0	0	8	6	33.3
	Male	0	1	0	0	0	0	1	1	3	0	0	3	10	
Year 5	Female	0	1	0	1	1	0	2	0	5	0	0	5	1	
	Total	0	2	0	1	1	0	3	1	8	0	0	8	11	-27.3
	Male	0	1	0	0		0	0	0	1	0	0	1	1	
Year 6+	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total	0	1	0	0	0	0	0	0	1	0	0	1	1	0.0
	Male	0	10	0	4	3	0	8	2	27	0	0	27	33	
Total	Female	1	3	0	4	1	0	3	0	12	2	0	14	12	
	Total	1	13	0	8	4	0	11	2	39	2	0	41	45	-8.9

Section four: **Examinations**

EXPLANATORY NOTES

Surgical Science Examinations - Generic and Speciality Specific

The Generic Surgical Science Examination (GSSE) is mandatory for all specialties. Numbers reflected in these reports are representative of all examination sittings held in Australia and New Zealand in 2019 (including all attempts). Passing the GSSE is now a requirement prior to applying to the SET program for all specialties, 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 2019. Prevocational doctors were (invited or able) to register to any of the three Examinations while, because of the reduced numbers, SET Trainees were (invited or able) to register for two of the Examinations.

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) and 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 two Clinical Exam sittings in 2019, in February and in June. For trainees commencing from 2016, the Board of Neurosurgery removed the Clinical Examination as a requirement. For trainees commencing from 2018, General Surgery, Orthopaedic Surgery (Australia) and Otolaryngology Head & Neck Surgery removed the Clinical Examination as a requirement. For Trainees commencing training from 2019, Orthopaedic Surgery (New Zealand) removed the Clinical Examination as a requirement.

Fellowship Examinations

Numbers reflected in the Fellowship Examination reports are representative of the exams held in Australia and New Zealand in May and September 2019 and reported with respect to:

- Individual sitting and annual pass
- Eventual pass rate by specialty which compares the number of candidates successfully completing the Fellowship Examination within a 5-year period since their first attempt: includes SET Trainees and IMGs
- Annual Fellowship Examination pass rate by location and specialty - SET Trainees
- Annual Fellowship Examination pass rate by location and specialty -International Medical Graduates

 Cumulative attempts to pass the Fellowship Examination (all candidates presenting in 2019 and the number of attempts). Note that previous reporting of this table has always included cumulative attempts for both SET and IMGs, and we have changed the title of this table to reflect this.

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 Fellowship Examination 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. Activities Reports from earlier years did not report this information.

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 or examinations.

DATA HIGHLIGHTS

Generic and Specialty Specific Surgical Science Examinations

One SET Trainee sat (and passed) the GSSE in 2019 reflecting the policy change that requires prevocational doctors to pass the GSSE prior to applying to the SET program. The number of prevocational doctors presenting for the GSSE increased from 981 in 2018 to 1037 in 2019. The cumulative pass rate for the prevocational doctor cohort decreased from 60.3 per cent in 2018 to 52.5 per cent in 2019 (Table EXAM.9).

The pass rate in the SSE increased from 77.8 per cent in 2018 to 80.5 per cent in 2019.

Clinical Examination

The pass rate for the Clinical Examination was 61.7 per cent, a decrease from 2018 of 6.7 per cent. The planned October sitting was cancelled. The number of candidates decreased by 108.

Fellowship Examination

The overall pass rate for the Fellowship Examination increased from 65.8 per cent in 2018 to 68.4 per cent in 2019. There was an increase in the numbers of SET Trainees but a decrease in the number of IMGs sitting the exam compared to 2018. The overall pass rate for SET Trainees varies between specialties however is similar across specialties for 2018 and 2019. The eventual Fellowship Examination pass rate for SET Trainees and IMGs continues to be consistent across the last four years, with SET trainees consistently achieving an eventual pass rate of more than 98 per cent (Table EXAM.4).

The number of female candidates sitting the Fellowship Examination increased from 89 candidates in 2018 to 106 candidates in 2019. The number of male candidates decreased from 288 in 2018 to 268 in 2019. The pass rate for female candidates decreased by 4.0 per cent to 67.9 per cent and for male candidates increased by 4.8 per cent to 68.7 per cent (Table EXAM.7).

Compared to 2018, the annual pass rate for first attempt SET Trainees and IMGs increased by 2.3 per cent, remained similar for second and third, and decreased for fourth and fifth attempts. For General Surgery the first attempt pass rate recovered from 67 per cent in 2017 to 60 per cent in 2018 and back to 67.9 per cent in 2019. Second attempt pass rate decreased from 69.2 per cent in 2018 to 66.7 per cent in 2019. (Table EXAM.9).

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

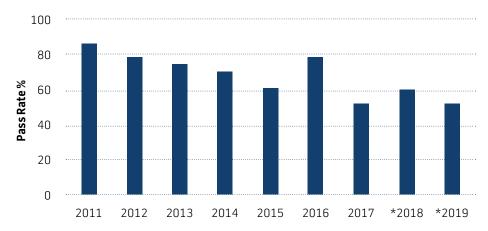
Note: Where location is specified, the state and/or Country reflected in these reports refer to the candidate's mailing address. This is not necessarily the location where the candidate has undertaken all of their training, oversight and/or or examinations.

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	0/S	Total
1	Sat	5	164	8	140	48	14	146	60	585	97	2	684
	Pass	3	95	4	91	30	6	98	39	366	74	2	442
	% pass	60.0	57.9	50.0	65.0	62.5	42.9	67.1	65.0	62.6	76.3	100.0	64.6
2	Sat	4	49	1	32	14	2	36	19	157	11	0	168
	Pass	0	21	0	8	6	2	6	8	51	6	0	57
	% pass	0.0	42.9	0.0	25.0	42.9	100.0	16.7	42.1	32.5	54.5	-	33.9
3	Sat	1	19	1	15	4	1	27	6	74	3	0	77
	Pass	1	2	0	5	1	0	6	1	16	0	0	16
	% pass	100.0	10.5	0.0	33.3	25.0	0.0	22.2	16.7	21.6	0.0	-	20.8
4	Sat	0	14	1	10	2	2	10	6	45	0	0	45
	Pass	0	5	0	2	0	1	2	2	12	0	0	12
	% pass	-	35.7	0.0	20.0	0.0	50.0	20.0	33.3	26.7	-	-	26.7
5	Sat	0	7	0	1	4	1	6	3	22	2	1	25
	Pass	0	0	0	1	0	0	4	1	6	1	0	7
	% pass	-	0.0	-	100.0	0.0	0.0	66.7	33.3	27.3	50.0	0.0	28.0
6	Sat	2	6	0	3	1	0	2	0	14	1	1	16
	Pass	1	2	0	0	0	0	1	0	4	0	0	4
	% pass	50.0	33.3	-	0.0	0.0	-	50.0	-	28.6	0.0	0.0	25.0
7	Sat	1	5	0	1	0	0	3	0	10	1	1	12
	Pass	0	2	0	0	0	0	1	0	3	0	1	4
	% pass	0	40.0	-	0.0	-	-	33.3	-	30.0	0.0	100.0	33.3
8	Sat	1	6	0	0	0	0	1	0	8	0	0	8
	Pass	0	1	0	0	0	0	1	0	2	0	0	2
	% pass	0.0	16.7	-	-	-	-	100.0	-	25.0	-	-	25
9	Sat	1	1	0	0	0	0	0	0	2	0	0	2
	Pass	0	0	0	0	0	0	0	0	0	0	0	0
	% pass	0.0	0.0	-	-	-	-	-		0.0	-	-	0
Total	Sat	15	271	11	202	73	20	231	94	917	115	5	1037
	Pass	5	128	4	107	37	9	119	51	460	81	3	544
	% pass	33.3	47.2	36.4	53.0	50.7	45.0	51.5	54.3	50.2	70.4	60.0	52.5

Note: In previous RACS Activities Reports, EXAM.1 reported the SET Trainee pass rate of individual attemps 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.

FIGURE EXAM.1 – Overall annual pass rate of individual attempts (total sittings) at Generic Surgical Science Examination (2011-2019).



 $^{*2018 \} and \ 2019 \ pass \ rate \ based \ on \ non-SET \ attempts \ to \ pass \ the \ GSSE. \ Previous \ years \ is \ the \ pass \ rate \ for \ SET \ trainees.$

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

Location, S Outco		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019
	Sat	0	5	0	2	1	0	6	0	14	1	0	15
CAR	Pass	0	4	0	2	1	0	3	0	10	0	0	10
65 11	Sat	0	0	0	0	0	0	0	0	0	0	0	0
GEN	Pass	0	0	0	0	0	0	0	0	0	0	0	0
LIP!!	Sat	0	0	0	0	0	0	0	0	0	0	0	0
NEU	Pass	0	0	0	0	0	0	0	0	0	0	0	0
ORT	Sat	0	15	0	7	3	0	18	5	48	16	0	64
(OPBS)	Pass	0	11	0	6	2	0	13	3	35	14	0	49
070	Sat	0	3	0	2	5	0	6	2	18	3	0	21
0Т0	Pass	0	2	0	1	4	0	6	2	15	2	0	17
PAE	Sat	0	0	0	1	0	0	0	0	1	0	0	1
(ANAT)	Pass	0	0	0	0	0	0	0	0	0	0	0	0
PAE	Sat	0	1	1	0	0	0	1	0	3	1	0	4
(PATH)	Pass	0	1	0	0	0	0	1	0	2	1	0	3
	Sat	0	6	0	1	2	0	1	6	16	3	0	19
PLA	Pass	0	5	0	1	2	0	0	6	14	3	0	17
	Sat	0	12	0	3	2	0	4	2	23	4	0	27
URO	Pass	0	10	0	3	2	0	4	2	21	4	0	25
	Sat	1	1	0	1	1	0	2	0	6	2	0	8
VAS	Pass	1	0	0	1	1	0	2	0	5	2	0	7
Total sitting	Sat	1	43	1	17	14	0	38	15	129	30	0	159
	Pass	1	33	0	14	12	0	29	13	102	26	0	128
	% Pass	-	76.7	-	82.4	85.7	-	76.3	86.7	79.1	86.7	-	80.5

Note: Sat numbers are based on unique candidates; that is, candidates who sat multiple times for examinations are only counted once *The Paediatric Pathology Exam changed format in 2018 and not candidate was eligible to present at the time.

FIGURE EXAM.2 – Overall annual pass rate of individual attempts (total sittings) at Specialty Specific Surgical Science Examination (2011-2019)



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	0/S	TOTAL 2019
CAR	Sat	0	1	0	2	0	0	0	0	3	3	0	6
	Pass	0	1	0	1	0	0	0	0	2	1	0	3
GEN	Sat	1	14	0	6	0	0	3	1	25	3	0	28
GEN	Pass	1	9	0	3	0	0	3	1	17	2	0	19
NEU	Sat	0	0	0	0	0	0	0	0	0	0	0	0
NEU	Pass	0	0	0	0	0	0	0	0	0	0	0	0
ORT	Sat	0	0	0	0	0	0	0	0	0	1	0	1
UKI	Pass	0	0	0	0	0	0	0	0	0	0	0	0
070	Sat	0	0	0	0	0	0	0	0	0	0	0	0
0Т0	Pass	0	0	0	0	0	0	0	0	0	0	0	0
PAE	Sat	0	0	0	3	0	0	0	0	3	0	0	3
PAE	Pass	0	0	0	2	0	0	0	0	2	0	0	2
PLA	Sat	0	8	0	5	0	0	8	1	22	2	0	24
PLA	Pass	0	5	0	3	0	0	2	1	11	1	0	12
URO	Sat	0	8	0	4	3	0	5	3	23	3	0	26
UKU	Pass	0	7	0	0	2	0	3	3	15	3	0	18
VAS	Sat	0	1	0	1	1	0	3	0	6	2	0	8
	Pass	0	1	0	1	1	0	2	0	5	2	0	7
P	Sat	1	4	0	3	2	2	11	1	24	0	0	24
	Pass	0	2	0	1	2	1	6	1	13	0	0	13
Total Sitting	Sat	2	36	0	24	6	2	30	6	82	14	0	120
	Pass	1	25	0	11	5	1	16	6	52	9	0	74
	% pass	50.0	69.4	-	45.8	83.3	50.0	53.3	100.0	63.4	64.3	-	61.7

 $Note: Sat\ numbers\ are\ based\ on\ unique\ candidates, i.e\ candidates\ who\ sat\ multiple\ times\ for\ examinations\ are\ only\ counted\ once$

FIGURE EXAM. 3 – Overall annual pass rate of individual attempts (total sittings) at Clinical Examination (2011-2019)

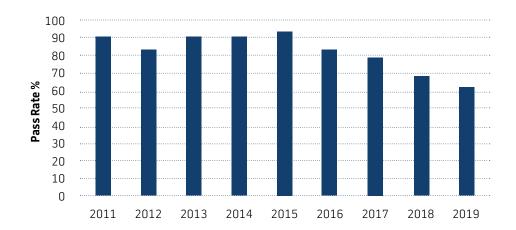


TABLE EXAM.4 – SET and IMG individual attempts and annual pass rate of Fellowship Examinations by specialty

		April			Augus	t	Total ind	lividual attemp rateª	ots & pass	Ann	ual pas	s rate ^b
	Sat	Pass	%	Sat	Pass	%	Sat	Pass	%	Sat	Pass	%
CAR	6	3	50.0	7	2	28.6	13	5	38.5	11	5	45.5
GEN	119	78	65.5	55	37	67.3	174	115	66.1	140	115	82.1
NEU	11	10	90.9	1	1	100.0	12	11	91.7	11	11	100.0
ORT	66	50	75.8	23	16	69.6	89	66	74.2	76	66	86.8
0ТО	14	10	71.4	10	5	50.0	24	15	62.5	20	15	75.0
PAE	2	1	50.0	2	1	50.0	4	2	50.0	3	2	66.7
PLA	12	10	83.3	6	4	66.7	18	14	77.8	16	14	87.5
URO	17	11	64.7	13	10	76.9	30	21	70.0	25	21	84.0
VAS	6	6	100.0	4	1	25.0	10	7	70.0	10	7	70.0
Total	253	179	70.8	121	77	63.6	374	256	68.4	312	256	82.1

 $^{^{\}rm a}$ Total sittings: records numbers of candidates; some candidates sit twice during a year.

 $^{^{\}mathrm{b}}$ Annual pass rate reports on the success rate of the individual candidates (over 1 or 2 sittings) passing Fellowship Exam in 2019.

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

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

		2011	2016	% Fellows , 11/16	2012	2017	% Fellows	2013	2018	% Fellows		2019	% Fellows 14/19
		Initially Sat	Eventual Pass	11/10	Initially Sat	Eventual Pass		Initially Sat	Eventual Pass	15/10	Initially Sat	Eventual Pass	14/15
CAR	Trainee	2	2	100.0	7	7	100.0	4	3	75.0	10	10	100.0
CAR	IMG	0	0	-	2	2	-	2	2	100.0	1	1	100.0
GEN	Trainee	85	85	100.0	85	83	97.6	60	59	98.3	68	66	97.1
UEN	IMG	7	5	71.4	7	6	85.7	6	6	100.0	6	6	100.0
NEU	Trainee	4	4	100.0	10	10	100.0	10	10	100.0	10	10	100.0
NEU	IMG	3	3	100.0	1	1	100.0	1	1	100.0	4	4	100.0
ORT	Trainee	56	55	98.2	56	54	96.4	38	38	100.0	57	56	98.2
UKI	IMG	5	5	100.0	6	6	100.0	2	2	100.0	8	6	75.0
ОТО	Trainee	16	16	100.0	20	20	100.0	20	20	100.0	18	17	94.4
010	IMG	1	1	100.0	2	1	50.0	3	3	100.0	3	1	33.3
PAE	Trainee	4	4	100.0	3	3	100.0	3	2	66.7	2	2	100.0
FAL	IMG	2	1	50.0	0	0	-	1	1	-	2	2	100.0
PLA	Trainee	26	26	100.0	13	13	100.0	17	17	100.0	14	14	100.0
FLA	IMG	1	1	100.0	3	2	66.7	1	1	100.0	2	2	100.0
URO	Trainee	19	19	100.0	22	22	100.0	17	17	100.0	22	22	100.0
UKU	IMG	2	2	100.0	2	2	100.0	5	5	100.0	0	0	
VAS	Trainee	8	8	100.0	7	7	100.0	16	16	100.0	6	6	100.0
VAS	IMG	0	0	-	0	0	-	1	1	-	2	2	100.0
Total	Trainee	220	219	99.5	223	219	98.2	185	182	98.4	207	203	98.1
	IMG	21	18	85.7	23	20	87.0	22	22	100.0	28	24	85.7

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	0/S	TOTAL 2019
	Sat	0	1	0	0	0	1	7	0	9	3	0	12
CAR	Pass	0	0	0	0	0	0	5	0	5	0	0	5
CEN	Sat	4	63	1	22	10	2	35	12	149	20	0	169
GEN	Pass	4	36	1	15	6	2	26	8	98	15	0	113
MEU	Sat	0	2	0	1	0	1	6	1	11	0	0	11
NEU	Pass	0	2	0	1	0	1	5	1	10	0	0	10
ODT	Sat	0	22	0	10	4	2	14	9	61	9	0	70
ORT	Pass	0	18	0	9	4	1	11	7	50	8	0	58
0.00	Sat	0	6	0	3	0	0	1	1	11	4	1	16
ОТО	Pass	0	3	0	3	0	0	1	1	8	4	1	13
DAE	Sat	0	2	0	0	0	0	2	0	4	0	0	4
PAE	Pass	0	1	0	0	0	0	1	0	2	0	0	2
DLA	Sat	0	1	0	0	0	0	7	4	12	3	0	15
PLA	Pass	0	1	0	0	0	0	7	2	10	2	0	12
LIDO	Sat	0	8	0	8	0	1	9	1	27	3	0	30
URO	Pass	0	6	0	5	0	1	5	1	18	3	0	21
MAC	Sat	0	2	0	3	0	0	3	1	9	0	0	9
VAS	Pass	0	1	0	3	0	0	3	0	7	0	0	7
Total Sitting	Sat	4	107	1	47	14	7	84	29	293	42	1	336
	Pass	4	68	1	36	10	5	64	20	208	32	1	241
	%Pass	100.0	63.6	100.0	76.6	71.4	71.4	76.2	69.0	71.0	76.2	100.0	71.7

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

Location, Specialty & Outcomes		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019
CAD	Sat	0	0	0	0	0	0	1	0	1	0	0	1
CAR	Pass	0	0	0	0	0	0	0	0	0	0	0	0
CEN	Sat	0	0	0	0	3	0	0	2	5	0	0	5
GEN	Pass	0	0	0	0	1	0	0	1	2	0	0	2
MEII	Sat	0	0	0	0	0	0	0	1	1	0	0	1
NEU	Pass	0	0	0	0	0	0	0	1	1	0	0	1
ODT	Sat	0	3	1	12	0	0	3	0	19	0	0	19
ORT	Pass	0	2	0	6	0	0	0	0	8	0	0	8
OTO	Sat	0	3	0	1	0	1	1	2	8	0	0	8
	Pass	0	1	0	1	0	0	0	0	2	0	0	2
	Sat	0	0	0	0	0	0	0	0	0	0	0	0
PAE	Pass	0	0	0	0	0	0	0	0	0	0	0	0
	Sat	0	1	0	1	0	1	0	0	3	0	0	3
PLA	Pass	0	0	0	1	0	1	0	0	2	0	0	2
	Sat	0	0	0	0	0	0	0	0	0	0	0	0
URO	Pass	0	0	0	0	0	0	0	0	0	0	0	0
1/40	Sat	0	0	0	1	0	0	0	0	1	0	0	1
VAS	Pass	0	0	0	0	0	0	0	0	0	0	0	0
Total Sitting	Sat	0	7	1	15	3	2	5	5	38	0	0	38
	Pass	0	3	0	8	1	1	0	2	15	0	0	15
	% pass	-	42.9	0.0	53.3	33.3	50.0	0.0	40.0	39.5	-	-	39.5

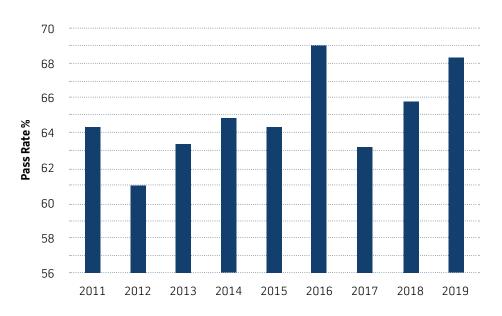
TABLE EXAM.8 – Fellowship Examinations pass rate (per sitting) of SET and IMG by gender and specialty

		CAR	GEN	NEU	ORT	ОТО	PAE	PLA	URO	VAS	TOTAL 2019	% pass
Famala	Sat	3	64	5	10	10	2	4	3	5	106	67.9
Female	Pass	2	42	4	8	7	1	3	2	3	72	
N4-1-	Sat	10	110	7	79	14	2	14	27	5	268	68.7
Male	Pass	3	73	7	58	8	1	11	19	4	184	
Total	Sat	13	174	12	89	24	4	18	30	10	374	68.4
	Pass	5	115	11	66	15	2	14	21	7	256	
	% Pass	38.5	66.1	91.7	74.2	62.5	50.0	77.8	70.0	70.0		

TABLE EXAM.9 – SET Trainees and IMGs cumulative attempts to pass Fellowship Examination by specialty for candidates presenting in 2019

Attempt		CAR	GEN	NEU	ORT	0ТО	PAE	PLA	URO	VAS	TOTAL 2019	TOTAL 2018
1	Sat	8	112	11	67	18	1	14	20	9	260	255
1	Pass	3	76	10	54	13	0	12	15	6	189	177
	% Pass	37.5	67.9	90.9	80.6	72.2	0.0	85.7	75.0	66.7	72.7	69.4
2	Sat	2	39	1	16	6	3	2	4	1	74	71
2	Pass	0	26	1	11	2	2	2	4	1	49	47
	% Pass	0.0	66.7	-	68.8	33.3	-	100.0	100.0	100.0	66.2	66.2
3	Sat	1	15	0	3	0	0	0	2	0	21	27
3	Pass	1	9	0	1	0	0	0	0	0	11	15
	% Pass	100.0	60.0	-	33.3	-	-	-	0.0	-	52.4	55.6
4	Sat	0	4	0	1	0	0	0	3	0	8	13
4	Pass	0	1	0	0	0	0	0	1	0	2	5
	% Pass	-	25.0	-	0.0	-	-	-	33.3	-	25.0	38.5
_	Sat	2	2	0	2	0	0	0	1	0	7	5
5	Pass	1	1	0	0	0	0	0	1	0	3	3
	% Pass	50	50	-	0	-	-	-	100	-	43	60
_	Sat	0	2	0	0	0	0	1	0	0	3	5
6	Pass	0	2	0	0	0	0	0	0	0	2	0
	% Pass	-	100.0	-	-	-	-	-	-	-	66.7	0.0
7	Sat	0	0	0	0	0	0	1	0	0	1	1
,	Pass	0	0	0	0	0	0	0	0	0	0	1
	% Pass	-	-	-	-	-	-	0.0	-	-	0.0	100.0
TOTAL	Sat	13	174	12	89	24	4	18	30	10	374	377
	Pass	5	115	11	66	15	2	14	21	7	256	248
	% Pass	38.5	66.1	91.7	74.2	62.5	50.0	77.8	70.0	70.0	68.4	65.8

FIGURE EXAM.4 – Overall Fellowship Examination pass rate of SET Trainees and IMGs (2010-2019).



The number of female surgeons in practice has increased to 898 in 2019 from 834 in 2018 - an almost eight per cent increase.

For 2019, Fellows mailing addresses were mapped to the Australian Statistical Geography Standard (ASGS-RA) codes rather than RRMA code (Rural Remote and Metropolitan Areas). The specialties of General Surgery, Orthopaedic Surgery and Urology continue to have the largest proportion of Fellows working in rural and remote areas.

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, medicolegal work or other specialist nonprocedural and non-clinical work such as surgical administration and academia.

Data highlights

In 2019, there were 7767 Fellows across Australia, New Zealand and overseas (Table WFD.1). Of these 5387 were active Fellows in Australia and 848 were active Fellows in New Zealand (Table WFD.2).

247 SET Trainees and International Medical Graduates obtained Fellowship in 2019 (Table WFD.11). Just over 28 per cent of surgeons who achieved Fellowship through the SET pathway were female (Table WFD.9), while just over eight per cent of IMGs who obtained Fellowship were female (Table WFD.10). Female surgeons make up just over 13 per cent of active surgical worksforce, with the number of female surgeons in active practice increasing by almost eight per cent in the last year (Table WFD.3).

For 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 surgeon in metropolitan and rural and remote areas (see Appendix A). The specialities of General Surgery (21 per cent), Orthopaedic Surgery (16 per cent) and Urology (16 per cent) continue to have the largest proportion of Fellows working in rural and remote areas.

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

	ation & ecialty	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	Total 2019	Total 2018	% Chang 18/19
	Male	6	65	0	43	14	5	63	18	214	35	27	276	276	0.0
CAR	Female	0	5	0	2	0	0	6	1	14	3	1	18	17	5.9
	Total	6	70	0	45	14	5	69	19	228	38	28	294	293	0.3
	Male	26	666	20	356	165	28	513	161	1935	280	167	2382	2332	2.1
GEN	Female	4	108	2	67	28	6	105	28	348	48	23	419	383	9.4
	Total	30	774	22	423	193	34	618	189	2283	328	190	2801	2715	3.2
	Male	7	79	0	48	18	7	64	22	245	24	30	299	297	0.7
NEU	Female	1	12	0	9	6	1	8	1	38	1	1	40	38	5.3
	Total	8	91	0	57	24	8	72	23	283	25	31	339	335	1.2
	Male	20	476	4	327	132	26	329	148	1462	293	68	1823	1788	2.0
ORT	Female	3	16	0	15	6	0	19	3	62	16	3	81	76	6.6
	Total	23	492	4	342	138	26	348	151	1524	309	71	1904	1864	2.1
	Male	12	160	2	100	47	7	121	45	494	86	30	610	594	2.7
ОТО	Female	0	27	0	12	6	2	24	4	75	19	7	101	94	7.4
	Total	12	187	2	112	53	9	145	49	569	105	37	711	688	3.3
	Male	4	31	0	16	5	2	28	8	94	16	26	136	135	0.7
PAE	Female	1	12	0	4	4	2	7	3	33	4	6	43	42	2.4
	Total	5	43	0	20	9	4	35	11	127	20	32	179	177	1.1
	Male	5	134	2	65	45	14	133	51	449	64	18	531	522	1.7
PLA	Female	0	20	0	16	9	1	29	7	82	17	4	103	97	6.2
	Total	5	154	2	81	54	15	162	58	531	81	22	634	619	2.4
	Male	7	150	1	102	35	11	126	38	470	66	28	564	555	1.6
URO	Female	0	16	0	9	4	0	18	8	55	9	2	66	61	8.2
	Total	7	166	1	111	39	11	144	46	525	75	30	630	616	2.3
	Male	5	72	1	38	20	4	63	20	223	21	4	248	239	3.8
VAS	Female	1	8	0	6	2	1	7	1	26	1	0	27	26	3.8
	Total	6	80	1	44	22	5	70	21	249	22	4	275	265	3.8
	Male	92	1833	30	1095	481	104	1440	511	5586	885	398	6869	6738	1.9
Sub	Female	10	224	2	140	65	13	223	56	733	118	47	898	834	7.7
Total	Total	102	2057	32	1235	546	117	1663	567	6319	1003	445	7767	7572	2.6
	Male	0	5	0	1	0	0	14	0	20	0	1	21	22	-4.5
OB &	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	-
GYN	Total	0	5	0	1	0	0	14	0	20	0	1	21	22	-4.5
	Male	3	81	0	44	12	5	61	17	223	12	6	241	247	-2.4
ОРН	Female	0	14	1	2	2	0	11	1	31	2	0	33	33	0.0
	Total	3	95	1	46	14	5	72	18	254	14	6	274	280	-2.1
	Male	95	1919	30	1140	493	109	1515	528	5829	897	405	7131	7007	1.8
Total	Female	10	238	3	142	67	13	234	57	764	120	47	931	867	7.4
	Total	105	2157	33	1282	560	122	1749	585	6593	1017	452	8062	7874	2.4

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

	ation & ecialty	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	5	53	0	39	10	4	54	14	179	27	16	222	223	-0.4
CAR	Female	0	5	0	2	0	0	5	1	13	2	1	16	15	6.7
	Total	5	58	0	41	10	4	59	15	192	29	17	238	238	0.0
	Male	21	506	19	276	122	21	409	122	1496	209	117	1822	1795	1.5
GEN	Female	4	106	2	66	27	6	104	28	343	46	22	411	375	9.6
	Total	25	612	21	342	149	27	513	150	1839	255	139	2233	2170	2.9
	Male	7	72	0	43	12	4	60	19	217	20	23	260	258	0.8
NEU	Female	1	12	0	9	6	1	8	1	38	1	1	40	38	5.3
	Total	8	84	0	52	18	5	68	20	255	21	24	300	296	1.4
	Male	19	435	3	306	110	24	298	131	1326	265	48	1639	1626	0.8
ORT	Female	3	16	0	15	6	0	19	3	62	15	3	80	75	6.7
	Total	22	451	3	321	116	24	317	134	1388	280	51	1719	1701	1.1
	Male	8	131	2	84	40	7	101	38	411	74	24	509	501	1.6
OT0	Female	0	27	0	12	6	2	24	4	75	19	7	101	94	7.4
	Total	8	158	2	96	46	9	125	42	486	93	31	610	595	2.5
	Male	3	24	0	12	4	2	17	6	68	14	14	96	97	-1.0
PAE	Female	1	11	0	3	4	1	6	3	29	4	4	37	37	0.0
	Total	4	35	0	15	8	3	23	9	97	18	18	133	134	-0.7
	Male	4	113	2	55	38	12	121	39	384	53	15	452	449	0.7
PLA	Female	0	19	0	14	9	1	28	7	78	17	4	99	94	5.3
	Total	4	132	2	69	47	13	149	46	462	70	19	551	543	1.5
	Male	6	126	1	89	30	10	109	29	400	53	20	473	473	0.0
URO	Female	0	16	0	9	4	0	18	8	55	9	2	66	61	8.2
	Total	6	142	1	98	34	10	127	37	455	62	22	539	534	0.9
	Male	5	64	1	32	16	3	50	16	187	19	3	209	207	1.0
VAS	Female	1	8	0	6	2	1	7	1	26	1	0	27	26	3.8
	Total	6	72	1	38	18	4	57	17	213	20	3	236	233	1.3
	Male	78	1524	28	936	382	87	1219	414	4668	734	280	5682	5629	0.9
Sub Total	Female	10	220	2	136	64	12	219	56	719	114	44	877	815	7.6
10101	Total	88	1744	30	1072	446	99	1438	470	5387	848	324	6559	6444	1.8
	Male	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
OB & Gyn	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	-
u	Total	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Male	2	63	0	28	9	3	50	11	166	5	4	175	182	-3.8
ОРН	Female	0	13	1	1	2	0	11	1	29	2	0	31	31	0.0
	Total	2	76	1	29	11	3	61	12	195	7	4	206	213	-3.3
	Male	80	1587	28	964	391	90	1269	425	4834	739	284	5857	5812	0.8
Total	Female	10	233	3	137	66	12	230	57	748	116	44	908	846	7.3
	Total	90	1820	31	1101	457	102	1499	482	5582	855	328	6765	6658	1.6

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

	Fellows by ion & Age	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019	TOTAL 2018	% Change 18/19
←35	Male	1	25	0	11	8	1	16	4	66	10	2	78	82	-4.9
~33	Female	1	13	0	6	1	0	10	3	34	2	3	39	37	5.4
	Total	2	38	0	17	9	1	26	7	100	12	5	117	119	-1.7
25 20	Male	7	141	5	83	33	7	119	42	437	71	28	536	545	-1.7
35-39	Female	0	53	0	30	11	2	57	11	164	26	7	197	178	10.7
	Total	7	194	5	113	44	9	176	53	601	97	35	733	723	1.4
40-44	Male	9	236	2	163	54	12	216	56	748	87	37	872	863	1.0
40-44	Female	3	51	2	46	15	1	53	11	182	28	12	222	223	-0.4
	Total	12	287	4	209	69	13	269	67	930	115	49	1094	1086	0.7
45.40	Male	11	245	6	159	70	11	197	81	780	105	36	921	924	-0.3
45-49	Female	2	46	0	23	13	4	32	13	133	26	9	168	147	14.3
	Total	13	291	6	182	83	15	229	94	913	131	45	1089	1071	1.7
	Male	17	209	4	154	45	12	155	73	669	115	28	812	781	4.0
50-54	Female	3	23	0	14	13	3	29	11	96	9	4	109	102	6.9
	Total	20	232	4	168	58	15	184	84	765	124	32	921	883	4.3
	Male	11	191	3	138	47	10	147	53	600	110	34	744	730	1.9
55-59	Female	1	18	0	10	5	0	18	4	56	12	4	72	69	4.3
	Total	12	209	3	148	52	10	165	57	656	122	38	816	799	2.1
	Male	14	129	3	79	45	13	97	51	431	111	36	578	578	0.0
60-64	Female	0	11	0	6	5	2	17	3	44	9	3	56	46	21.7
	Total	14	140	3	85	50	15	114	54	475	120	39	634	624	1.6
	Male	4	113	3	62	28	13	90	26	339	69	27	435	421	3.3
65-69	Female	0	3	0	1	0	0	0	0	4	2	1	7	5	40.0
	Total	4	116	3	63	28	13	90	26	343	71	28	442	426	3.8
	Male	4	235	2	87	52	8	182	28	598	56	52	706	705	0.1
70+	Female	0	2	0	0	1	0	3	0	6	0	1	7	8	-12.5
	Total	4	237	2	87	53	8	185	28	604	56	53	713	713	0.0
	Male	78	1524	28	936	382	87	1219	414	4668	734	280	5682	5629	0.9
Total	Female	10	220	2	136	64	12	219	56	719	114	44	877	815	7.6
	Total	88	1744	30	1072	446	99	1438	470	5387	848	324	6559	6444	1.8
			1	%	of acti	ve Fello	ws und	der 55 y	ears	1			•		
	Male	57.7	56.2	60.7	60.9	55.0	49.4	57.7	61.8	57.8	52.9	46.8	56.7	56.8	-0.2
%	Female	90.0	84.5	100.0	87.5	82.8			87.5	84.7		79.5	83.8	84.3	-0.6
	Total	61.4	59.7	63.3	64.3		53.5			61.4		51.2	60.3	60.2	0.1

Note: Data excludes OB&GYN and OPH.

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

	Fellows by alty & Age	CAR	GEN	NEU	ORT	ото	PAE	PLA	URO	VAS	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	1	27	1	19	4	0	2	5	7	66	56	17.9
← 35	Female	0	22	1	0	3	1	1	5	1	34	29	17.2
	Total	1	49	2	19	7	1	3	10	8	100	85	17.6
	Male	10	161	12	115	36	3	34	42	24	437	439	-0.5
35-39	Female	3	86	5	10	17	5	17	16	5	164	145	13.1
	Total	13	247	17	125	53	8	51	58	29	601	584	2.9
	Male	19	227	34	239	59	7	61	74	28	748	732	2.2
40-44	Female	0	83	7	19	25	5	21	14	8	182	185	-1.6
	Total	19	310	41	258	84	12	82	88	36	930	917	1.4
	Male	28	233	48	224	76	11	66	69	25	780	786	-0.8
45-49	Female	4	62	11	13	11	4	14	9	5	133	120	10.8
	Total	32	295	59	237	87	15	80	78	30	913	906	0.8
	Male	36	194	35	173	64	9	58	68	32	669	642	4.2
50-54	Female	2	45	7	5	11	3	11	9	3	96	86	11.6
	Total	38	239	42	178	75	12	69	77	35	765	728	5.1
	Male	29	181	32	184	37	12	58	47	20	600	571	5.1
55-59	Female	0	24	4	8	5	8	5	2	0	56	51	9.8
	Total	29	205	36	192	42	20	63	49	20	656	622	5.5
	Male	24	126	18	131	35	9	34	37	17	431	437	-1.4
60-64	Female	3	17	2	7	3	3	6	0	3	44	39	12.8
	Total	27	143	20	138	38	12	40	37	20	475	476	-0.2
	Male	14	119	14	95	31	8	20	26	12	339	326	4.0
65-69	Female	0	1	0	0	0	0	2	0	1	4	3	33.3
	Total	14	120	14	95	31	8	22	26	13	343	329	4.3
	Male	18	228	23	146	69	9	51	32	22	598	604	-1.0
70+	Female	1	3	1	0	0	0	1	0	0	6	7	-14.3
	Total	19	231	24	146	69	9	52	32	22	604	611	-1.1
	Male	179	1496	217	1326	411	68	384	400	187	4668	4593	1.6
Total	Female	13	343	38	62	75	29	78	55	26	719	665	8.1
	Total	192	1839	255	1388	486	97	462	455	213	5387	5258	2.5
				% Of Ac	tive Fel	lows ur	nder 55	years					
	Male	52.5	56.3	59.9	58.1	58.2	44.1	57.6	64.5	62.0	57.8	57.8	0.1
%	Female	69.2	86.9	81.6	75.8	89.3	62.1	82.1	96.4	84.6	84.7	85.0	-0.3
	Total	53.6	62.0	63.1	58.9	63.0	49.5	61.7	68.4	64.8	61.4	61.2	0.3

Note: Data excludes OB&GYN and OPH.

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

	Fellows by alty & Age	CAR	GEN	NEU	ORT	0ТО	PAE	PLA	URO	VAS	TOTAL 2019	TOTAL 2018	% Change 18/19
	Male	1	6	0	2	0	0	0	1	0	10	16	-37.5
←35	Female	0	0	0	1	0	0	1	0	0	2	2	0.0
	Total	1	6	0	3	0	0	1	1	0	12	18	-33.3
	Male	3	23	1	26	6	1	3	6	2	71	74	-4.1
35-39	Female	1	10	0	2	5	0	4	3	1	26	25	4.0
	Total	4	33	1	28	11	1	7	9	3	97	99	-2.0
	Male	1	24	3	39	4	2	5	7	2	87	94	-7.4
40-44	Female	0	11	0	2	6	1	5	3	0	28	28	0.0
	Total	1	35	3	41	10	3	10	10	2	115	122	-5.7
	Male	3	26	4	44	6	1	10	10	1	105	105	0.0
45-49	Female	0	14	0	4	3	0	4	1	0	26	21	23.8
	Total	3	40	4	48	9	1	14	11	1	131	126	4.0
	Male	5	30	3	43	12	1	11	6	4	115	110	4.5
50-54	Female	0	2	0	2	2	0	2	1	0	9	12	-25.0
	Total	5	32	3	45	14	1	13	7	4	124	122	1.6
	Male	3	31	4	32	14	5	8	9	4	110	117	-6.0
55-59	Female	1	7	1	1	0	1	0	1	0	12	12	0.0
	Total	4	38	5	33	14	6	8	10	4	122	129	-5.4
	Male	7	31	1	38	16	2	7	5	4	111	107	3.7
60-64	Female	0	2	0	3	2	1	1	0	0	9	5	80.0
	Total	7	33	1	41	18	3	8	5	4	120	112	7.1
	Male	4	19	3	21	9	1	4	7	1	69	56	23.2
65-69	Female	0	0	0	0	1	1	0	0	0	2	2	0.0
	Total	4	19	3	21	10	2	4	7	1	71	58	22.4
	Male	0	19	1	20	7	1	5	2	1	56	53	5.7
70+	Female	0	0	0	0	0	0	0	0	0	0	0	-
	Total	0	19	1	20	7	1	5	2	1	56	53	5.7
	Male	27	209	20	265	74	14	53	53	19	734	732	0.3
Total	Female	2	46	1	15	19	4	17	9	1	114	107	6.5
	Total	29	255	21	280	93	18	70	62	20	848	839	1.1
				% Of A				years					
%	Male	48.1	52.2	55.0	58.1	37.8	35.7		56.6	47.4	52.9	54.5	-3.0
	Female	50.0	80.4	0.0	73.3	84.2	25.0	94.1	88.9	100.0	79.8	82.2	-2.9
	Total	48.3	57.3	52.4	58.9	47.3	33.3		61.3	50.0	56.5	58.0	-2.7

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 2019	% In RA1 2019
CAR	182	5	4	1	0	192	94.8
GEN	1476	267	84	11	1	1839	80.3
NEU	246	5	3	1	0	255	96.5
ORT	1163	180	42	2	1	1388	83.8
ОТО	422	53	10	1	0	486	86.8
PAE	87	6	4	0	0	97	89.7
PLA	425	27	9	1	0	462	92.0
URO	384	62	9	0	0	455	84.4
VAS	191	14	8	0	0	213	89.7
Total	4576	619	173	17	2	5387	84.9

 $Note: Data\ excludes\ OB\&GYN\ and\ OPH.\ In\ 2019,\ RACS\ changed\ rural\ and\ remote\ categorisation\ from\ RRMA\ to\ ASGS-RA.\ See\ Appendix\ 1.$

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 2019	% In RA1 2019
ACT	88	0	0	0	0	88	100.0
NSW	1496	235	12	0	1	1744	85.8
NT	0	0	27	3	0	30	0.0
QLD	841	134	95	1	1	1072	78.5
SA	428	13	4	1	0	446	96.0
TAS	0	80	8	11	0	99	0.0
VIC	1283	139	16	0	0	1438	89.2
WA	440	18	11	1	0	470	93.6
Total	4576	619	173	17	2	5387	84.9

Note: Data excludes OB&GYN and OPH.

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

Australian Active Fellows by ASGS-RA & Age	RA 1	RA 2	RA 3	RA 4	RA 5	TOTAL 2019	% In RA1 2019
<u>≤</u> 35	94	3	3	0	0	100	94.0
35-39	539	49	12	1	0	601	89.7
40-44	811	88	31	0	0	930	87.2
45-49	791	86	35	0	1	913	86.6
50-54	648	91	21	5	0	765	84.7
55-59	522	111	19	4	0	656	79.6
60-64	399	56	19	1	0	475	84.0
65-69	262	60	16	4	1	343	76.4
70+	510	75	17	2	0	604	84.4
Total	4576	619	173	17	2	5387	84.9

Note: Data excludes OB&GYN and OPH.

TABLE WFD.9 – Active RACS SET Trainees obtaining RACS Fellowship in 2019 by location of residence and specialty

Location	& Specialty	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019
	Male	0	0	0	2	0	0	1	0	3	1	1	5
CAR	Female	0	0	0	0	0	0	0	0	0	0	1	1
	Total	0	0	0	2	0	0	1	0	3	1	2	6
	Male	1	24	3	8	3	0	14	5	58	7	2	67
GEN	Female	0	10	0	5	3	0	14	0	32	2	1	35
	Total	1	34	3	13	6	0	28	5	90	9	3	102
	Male	0	1	0	0	1	0	1	0	3	0	1	4
NEU	Female	0	1	0	1	0	0	0	0	2	0	0	2
	Total	0	2	0	1	1	0	1	0	5	0	1	6
	Male	0	10	0	4	2	0	9	2	27	5	0	32
ORT	Female	0	0	0	1	0	0	2	0	3	1	0	4
	Total	0	10	0	5	2	0	11	2	30	6	0	36
	Male	0	5	0	3	1	0	3	2	14	1	2	17
OT0	Female	0	1	0	2	1	0	2	0	6	0	1	7
	Total	0	6	0	5	2	0	5	2	20	1	3	24
	Male	0	0	0	1	0	0	0	0	1	0	0	1
PAE	Female	0	1	0	0	0	0	0	0	1	0	0	1
	Total	0	1	0	1	0	0	0	0	2	0	0	2
	Male	1	2	0	1	0	0	3	0	7	1	0	8
PLA	Female	0	2	0	2	0	0	1	0	5	2	0	7
	Total	1	4	0	3	0	0	4	0	12	3	0	15
	Male	0	5	0	5	0	0	4	0	14	1	1	16
URO	Female	0	2	0	1	1	0	0	0	4	0	1	5
	Total	0	7	0	6	1	0	4	0	18	1	2	21
	Male	1	4	0	1	1	0	2	0	9	1	0	10
VAS	Female	0	0	0	0	0	0	1	0	1	0	0	1
	Total	1	4	0	1	1	0	3	0	10	1	0	11
	Male	3	51	3	25	8	0	37	9	136	17	7	160
Total	Female	0	17	0	12	5	0	20	0	54	5	4	63
	Total	3	68	3	37	13	0	57	9	190	22	11	223

TABLE WFD.10 – Active International Medical Graduates obtaining RACS Fellowship in 2019 by location of residence and specialty

Locatio	n & Specialty	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	0/S	TOTAL 2019
	Male	0	0	0	0	0	0	0	0	0	0	0	0
CAR	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
	Male	0	3	0	2	0	0	1	0	6	0	0	6
GEN	Female	0	0	0	0	0	0	0	1	1	0	0	1
	Total	0	3	0	2	0	0	1	1	7	0	0	7
	Male	0	0	0	0	0	0	1	0	1	0	0	1
NEU	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	1	0	1	0	0	1
	Male	0	1	0	3	1	0	4	0	9	0	0	9
ORT	Female	0	0	0	1	0	0	0	0	1	0	0	1
	Total	0	1	0	4	1	0	4	0	10	0	0	10
	Male	0	0	0	1	0	0	0	0	1	1	0	2
OT0	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	1	0	0	0	0	1	1	0	2
	Male	0	0	0	0	0	0	0	0	0	0	0	0
PAE	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
	Male	1	0	0	0	0	1	0	0	2	0	0	2
PLA	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	1	0	0	0	0	1	0	0	2	0	0	2
	Male	0	0	0	2	0	0	0	0	2	0	0	2
URO	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	2	0	0	0	0	2	0	0	2
	Male	0	0	0	0	0	0	0	0	0	0	0	0
VAS	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
	Male	1	4	0	8	1	1	6	0	21	1	0	22
Total	Female	0	0	0	1	0	0	0	1	2	0	0	2
	Total	1	4	0	9	1	1	6	1	23	1	0	24

TABLE WFD.11 – Total number of SET Trainees and International Medical Graduates obtaining RACS Fellowship by specialty (2008 – 2019)

		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
	Male	10	6	5	11	5	15	4	7	10	4	4	5
CAR	Female	0	0	0	1	1	0	0	2	2	0	0	1
	Total	10	6	5	12	6	15	4	9	12	4	4	6
	Male	62	47	63	54	64	57	55	65	74	68	50	73
GEN	Female	14	23	13	12	30	17	20	25	33	26	24	36
	Total	76	70	76	66	94	74	75	90	107	94	74	109
	Male	14	7	12	6	9	5	6	18	9	11	1	5
NEU	Female	4	2	0	0	0	3	6	0	1	1	4	2
	Total	18	9	12	6	9	8	12	18	10	12	5	7
	Male	41	67	49	60	59	61	38	60	66	54	62	41
ORT	Female	2	3	2	8	2	4	3	4	3	7	3	5
	Total	43	70	51	68	61	65	41	64	69	61	65	46
	Male	9	12	16	21	12	15	14	14	13	12	15	19
OT0	Female	4	5	6	5	7	6	11	4	2	7	5	7
	Total	13	17	22	26	19	21	25	18	15	19	20	26
	Male	3	2	3	2	4	2	4	5	1	4	1	1
PAE	Female	0	1	1	3	2	1	4	1	3	1	1	1
	Total	3	3	4	5	6	3	8	6	4	5	2	2
	Male	19	7	7	18	22	14	13	11	15	11	17	10
PLA	Female	4	3	8	4	1	5	5	8	7	7	8	7
	Total	23	10	15	22	23	19	18	19	22	18	25	17
	Male	15	12	15	22	19	22	21	14	17	17	12	18
URO	Female	3	3	3	3	3	5	6	1	6	3	6	5
	Total	18	15	18	25	22	27	27	15	23	20	18	23
	Male	4	11	5	10	5	4	11	9	5	8	8	10
VAS	Female	1	1	0	2	2	2	4	1	2	0	2	1
	Total	5	12	5	12	7	6	15	10	7	8	10	11
	Male	177	171	175	204	199	195	166	203	210	189	170	182
Total	Female	32	41	33	38	48	43	59	46	59	52	53	65
	Total	209	212	208	242	247	238	225	249	269	241	223	247

FIGURE WFD.1 - Total annual number of SET Trainees and International Medical Graduates obtaining RACS Fellowship (2008-2019).

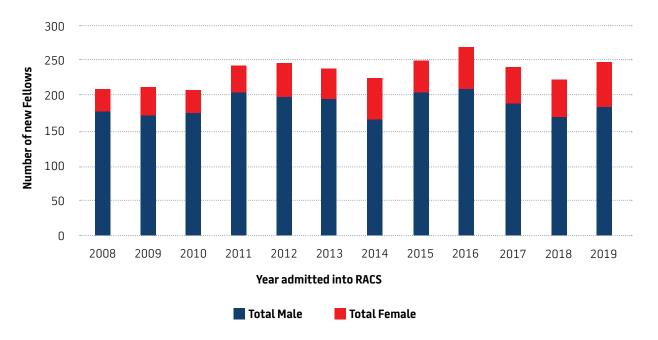


TABLE WFD.12 - Ratio of active Australian and New Zealand **RACS Fellows per population by location**

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 10,000 population	Population
ACT	88	2.1	426,700
NSW	1744	2.2	8,089,500
NT	30	1.2	245,900
QLD	1072	2.1	5,095,100
SA	446	2.5	1,751,700
TAS	99	1.9	534,300
VIC	1438	2.2	6,594,800
WA	470	1.8	2,621,700
AUS	5387	2.1	25,359,700
NZ	848	1.7	4,922,700

Data excludes Obstetrics & Gynaecology and Ophthalmology Fellows. Population data was taken from the Australian Bureau of Statistics website $www.abs.gov.au\ and\ from\ \textit{Statistics New Zealand}\ website\ www.stats.govt.nz$ and is accurate as at June 2019.

Location & Specialty	No Surgeons	Ratio of surgeons per 1,000 population >=65 years	Population Over the Age of 65
ACT	84	1.5	55,450
NSW	1709	1.3	1,319,568
NT	30	1.5	19,661
QLD	1057	1.3	799,987
SA	438	1.3	328,159
TAS	96	0.9	107,365
VIC	1415	1.4	1,018,598
WA	461	1.2	388,712
AUS	5290	1.3	4,037,500
NZ	830	1.2	715,167

Data excludes the surgical specialties of Paediatric surgery, Obstetrics & Gynaecology and Ophthalmology.

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 2019 (Australia) and June 2018 (New Zealand).

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 2018 CPD participation data are reported in Tables CPD.1 to CPD.5. In 2018 there were 6249 Fellows participating in the College CPD or other CPD approved program. Ophthalmologists who held RACS Fellowship have been included

Data highlights

In 2018, 100 per cent 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.

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 nine surgical competencies.

During 2019, the Professional Development Department delivered activities (face-to-face) to a total of 1138 participants (768 Fellows, 95 Trainees, 52 IMGs and 223 non-members). 40 Foundation Skills for Surgical Educator (FSSE) courses were delivered as part of the RACS' Building Respect, Improving Patient Safety Action Plan. FSSE course offerings and participants numbers have seen a reduction over the last few years as 96% of the mandatory group had completed the FSSE by end of 2018. In 2019, 629 participants completed the "Operating with Respect" e-learning module (81 Fellows, 41 trainees, 45 IMGs and 462 non-members which includes pre-vocational doctors).

TABLE CPD.1 – Participation in RACS CPD program 2016 - 2018 by specialty

	2016				2017			2018	
Specialty	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant
CAR	236	234	99.2	231	223	96.5	229	229	100.0
GEN	2019	2014	99.8	2050	1970	96.1	2095	2095	100.0
NEU	286	285	99.7	290	279	96.2	292	292	100.0
ORT	544	544	100.0	541	523	96.7	550	550	100.0
ОТО	571	568	99.5	570	563	98.8	579	579	100.0
PAE	128	128	100.0	132	127	96.2	128	128	100.0
PLA	515	511	99.2	515	505	98.1	527	527	100.0
URO	498	497	99.8	503	491	97.6	511	511	100.0
VAS	222	219	98.6	222	222	100.0	228	228	100.0
Sub Total	5019	5000	99.6	5054	4903	99.9	5139	5139	100.0
OB & GYN and OPH	6	6	100.0	5	4	80.0	5	5	100.0
Total	5025	5006	99.6	5059	4907	97.0	5144	5144	100.0

TABLE CPD.2 – Participation in RACS CPD program 2016 - 2018 by region

	2016			2017			2018	
Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant
67	67	100.0	62	62	100.0	65	65	100.0
1323	1316	99.5	1327	1325	99.8	1345	1345	100.0
24	24	100.0	26	26	100.0	26	26	100.0
350	349	99.7	364	364	100.0	364	364	100.0
801	799	99.8	824	824	100.0	854	854	100.0
76	76	100.0	84	84	100.0	83	83	100.0
1122	1115	99.4	1130	1130	100.0	1164	1164	100.0
384	383	99.7	373	373	100.0	381	381	100.0
4147	4129	99.6	4190	4188	100.0	4282	4282	100.0
555	554	99.8	560	560	100.0	555	555	100.0
323	323	100.0	309	159	51.5	307	307	100.0
5025	5006	99.6	5059	4907	97.0	5144	5144	100.0

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. In 2018 there were 6249 Fellows participating in the College CPD or other CPD approved program. Ophthalmologists who held RACS Fellowship have been included.

TABLE CPD.3 – Fellow participation in RACS and other CPD programs in 2018

	Number of participating	
College CPD Programs	Fellows	% of participating Fellows
Royal Australasian College of Surgeons	5144	82.3
Australian Orthopaedic Association	851	13.6
New Zealand Orthopaedic Association	247	4.0
Royal Australian and New Zealand College of		
Ophthalmologists	5	0.1
Other	2	0.0
Total	6249	100.0

TABLE CPD.4 – Participation in RACS CPD program in 2018 by program category and specialty

	Fellows' specialty											
CPD category	CAR	GEN	NEU	ОРН	ORT	0ТО	PAE	PLA	URO	VAS	Total	% Total
Operative practice in hospitals or day surgery units	197	1859	261	4	511	524	118	495	489	213	4671	90.8
Operative procedures in rooms only	0	9	0	1	1	2	0	4	1	0	18	0.3
Operative Practice as a locum only	2	24	0	0	10	8	1	0	2	0	47	0.9
Clinical consulting practice only	5	45	22	0	17	32	0	11	5	4	141	2.7
Other practice type	25	158	9	0	11	13	9	17	14	11	267	5.2
Total	229	2095	292	5	550	579	128	527	511	228	5144	100.0

TABLE CPD.5 – Registrations in RACS MOPS program in 2018

	AUS	NZ	0/S	Total registrations
Persons	4	7	0	11
IMGs	24	60	0	84
Total	28	67	0	95

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	IMG	non-IMG/Trainee/Fellow	Total 2019	Total 2018	% change 18/19
ACT	17	1	0	3	21	29	-27.6
NSW	200	21	7	41	269	471	-42.9
NT	1	0	0	0	1	9	-88.9
QLD	138	13	4	43	198	247	-19.8
SA	48	5	4	9	66	139	-52.5
TAS	25	0	0	5	30	23	30.4
VIC	172	16	12	67	267	376	-29.0
WA	47	7	5	12	71	80	-11.3
AUS Total	648	63	32	180	923	1374	-32.8
NZ	115	31	20	37	203	249	-18.5
0/S	5	1	0	6	12	10	20.0
*Total	768	95	52	223	1138	1633	-30.3

^{*}face-to-face activities only: not including eLearning

Note: In 2019, less than half the number of FSSE (40) courses were run compared to 2018 (approx. 80)

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

_		
2019	Total 2018	% Change 18/19
35	78	-55.1
289	539	-46.4
51	96	-46.9
113	184	-38.6
88	149	-40.9
23	56	-58.9
76	161	-52.8
64	138	-53.6
24	63	-61.9
763	1464	-47.9
5	5	0.0
95	72	31.9
52	11	372.7
223	81	175.3
1138	1633	-30.3
	35 289 51 113 88 23 76 64 24 763 5 95 52 223	2019 2018 35 78 289 539 51 96 113 184 88 149 23 56 76 161 64 138 24 63 763 1464 5 5 95 72 52 11 223 81

^{*}face-to-face activities only: not including eLearning

Appendix A: Definitions for regional and rural data

ASGS-RA Codes

The Australian Statistical Geography Standard defines Remoteness Areas (ASGS) 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.)

