

Activities Report

For the period 1 January to 31 December 2017



ROYAL AUSTRALASIAN
COLLEGE OF SURGEONS



FOREWORD TO ACTIVITIES REPORT

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.

In 2017, 241 new Australian and New Zealand Fellows were admitted to RACS. This increases the number of active Fellows to over 6300. We also had almost 1200 surgical trainees and 87 International Medical Graduates participate in surgical training over the course of the year.

As part of the RACS Building Respect and Improving Patient Safety Action Plan, there have been additional training requirements added to our Continuing Professional Development Program. We are proud of the achievements we have made in this area to ensure the upskilling of surgical supervisors and trainers, and to promote a respectful culture within surgery.

The Activities Report provides detail of the surgical workforce and its distribution as well as information regarding surgical training and examination results. The report is a document provided for Government departments of health, related agencies and those with an interest in the activities of RACS. The data provided in this report is true and accurate as at December 2017.



Mr John Batten
President
Royal Australasian College of Surgeons

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ACRONYMS

~	Not available
ACT	Australian Capital Territory
AOA	Australian Orthopaedic Association
ASSET	Australian and New Zealand Surgical Skills Education and Training
ATLASS	Australia Timor Leste Program of Assistance for Specialist Services
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
HECS	Health Education and Clinical Services
HF	Honorary Fellow
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
OPH	Ophthalmology

ORT	Orthopaedic Surgery
O/S	Overseas
OPBS	Orthopaedic Principles and Basic Science Examination
OSCE	Objective Structured Clinical Examinations
OTO	Otolaryngology – Head and Neck Surgery
OWR	Operating with Respect
PAE	Paediatric Surgery
PAEE	Paediatric Anatomy & Embryology Examination
PPPE	Paediatric Pathology & Pathophysiology Examination
PGY	Medical Graduate
PIP	Pacific Islands Projects
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
STST	Short Term Specified Training
TAS	Tasmania
TIPS	Training in Professional Skills
URO	Urology Surgery
VAS	Vascular Surgery
VIC	Victoria
VSEC	Victorian Skills and Education Centre
WA	Western Australia
WFD	Workforce Distribution

INTRODUCTION

The Royal Australasian College of Surgeons Activities Report outlines the developments and demographic data for the year 2017. As with previous reports, the purpose is to provide a comprehensive review of RACS activities throughout the year.

This report details activity in the following nine 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
- Section Seven: RACS Global Health
- Section Eight: Conference And Events
- Section Nine: Skills And Education Centre

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 nine sections in this report and the data selected has been provided to facilitate a review of activities. All data presented is for the year 2017, unless otherwise stated.

KEY DEVELOPMENTS FOR 2017

The number of female surgeons in active practice increased by 7% in the last year, with women making up 12% of the active surgical workforce and more than 20% of the cohort who obtained RACS Fellowship in 2017.

The number of individual female SET applicants increased by 10%, and comprised almost one-third of all individual applicants. There were 255 applicants who were offered a trainee position in 2017. Just over 30% of successful applicants were female, a 6% increase from 2016.

There were almost 4000 participants who attended Professional Development programs in 2017, more than double the number of participants compared to 2016. This increase is largely due to the extra number of 'Foundation Skills for Surgical Educators' courses held during the year. As part of the Building Respect, Improving Patient Safety Action Plan, this course is now required to be completed by any Fellow who is a surgical supervisor or trainer. In 2016, 99.6% of Fellows complied with the RACS CPD program.

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.

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

Australian and New Zealand Surgical Skills Education and Training (ASSET)

ASSET is a requirement for all SET Trainees (excluding Neurosurgery), who are given first preference to complete the course. The course provides an educational package of generic surgical skills with an emphasis on small group teaching, intensive hands-on practice of basic skills, individual tuition, personal feedback to participants and the performance of practical procedures. Although this course is not formally assessed, attendees are required to attend and interact in all components 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.

Care of the Critically Ill Surgical Patient (CCrISP®)

CCrISP® is a requirement for all SET Trainees, who are given first preference to complete the course. 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 are assessed by their contribution to the various sections throughout the course, as well as their performance in a 45-minute simulated patient scenario.

Early Management of Severe Trauma (EMST)

EMST is a requirement for all SET Trainees, who are given first preference to complete the course. EMST focuses on the management of injury victims in the first one to two hours post-accident, with emphasis on life-saving skills and systematic clinical approach. This course is assessed by contribution to the various sections, a 40-question multiple choice questionnaire paper, and a 15-minute simulated patient scenario.

Critical Literature Evaluation and Research (CLEAR)

CLEAR is a requirement for General, Urology, Neurosurgery, Paediatric and New Zealand Orthopaedic SET Trainees, who are given first preference to complete the course. It is designed to provide tools to undertake critical appraisal of surgical literature and to assist surgeons in the conduct of clinical trials, aiming to make the language and methodology relevant to surgeons and the day-to-day activities in their practice. There is no formal assessment for this course; participants are required to attend and interact in all components in order to achieve certification. A dedicated consultant only course is run each year to cater to Fellows interested in attending.

Training in Professional Skills (TIPS)

TIPS is a requirement for Australian based orthopaedic SET Trainees, who are given first preference to attend. 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 2 to 3 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 JDocs Communication eLearning module prior to attending.

Operating With Respect (OWR)

The Operating with Respect course was launched in April 2017. OWR is a mandatory requirement for all SET Supervisors, IMG Clinical Assessors and key RACS committee members by the end of 2018. The Operating with Respect course 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 Action Plan on Discrimination, Bullying and Sexual Harassment in the Practice of Surgery.

Faculty

The skills course volunteer workforce comprises of 1183 faculty members. Instructors are represented across all disciplines of medicine and surgery, with 139 (12%) teaching on more than one program. Representation of Fellows teaching on skills courses remains at 51% (N=609) with 3% (N=39) SET Trainees, 1% (N=10) International Medical Graduates and the remaining 38% (N=444) made up of emergency physicians, anaesthetists, physicians, intensivists, general practitioners, clinical epidemiologists and educators. The EMST and CCrISP® faculty include instructors local to Fiji and Papua New Guinea where outreach courses are held.

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

Course		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total 2017	Total 2016	% Change 16/17
CCrISP Course	Courses	0	0	0	0	0	0	1	0	0	1	0	0	2	3	-33.3
	Instructors	0	0	0	0	0	0	7	0	0	8	0	0	15	21	-28.6
	Participants	0	0	0	0	0	0	15	0	0	13	0	0	28	35	-20.0
CCrISP Provider Course	Courses	0	3	3	2	1	2	3	1	4	3	3	1	26	28	-7.1
	Instructors	0	35	36	28	13	27	38	11	57	36	35	12	328	379	-13.5
	Participants	0	47	43	31	17	32	44	11	56	48	50	18	397	433	-8.3
EMST ADF Course	Courses	0	1	0	0	1	0	0	1	0	0	1	0	4	4	0.0
	Instructors	0	9	0	0	10	0	0	10	0	0	10	0	39	39	0.0
	Participants	0	15	0	0	16	0	0	16	0	0	15	0	62	59	5.1
EMST Instructor Course	Courses	0	0	1	0	0	0	0	0	0	0	1	0	2	2	0.0
	Instructors	0	0	8	0	0	0	0	0	0	0	8	0	16	15	6.7
	Participants	0	0	15	0	0	0	0	0	0	0	14	0	29	31	-6.5
EMST Provider Course	Courses	1	4	8	2	6	8	4	2	3	5	7	2	52	63	-17.5
	Instructors	9	38	85	21	60	78	38	20	29	48	69	22	517	604	-14.4
	Participants	16	64	125	30	94	119	60	29	41	74	110	32	794	1017	-21.9
EMST Refresher Course	Courses	0	0	1	1	0	0	1	0	1	1	1	0	6	6	0.0
	Instructors	0	0	11	10	0	0	10	0	10	9	9	0	59	62	-4.8
	Participants	0	0	14	15	0	0	12	0	15	13	16	0	85	93	-8.6
ASSET	Courses	0	2	3	1	4	3	1	4	2	4	0	0	24	19	26.3
	Instructors	0	39	54	18	73	60	18	65	25	71	0	0	423	378	11.9
	Participants	0	40	60	20	76	57	20	78	36	77	0	0	464	370	25.4
CLEAR	Courses	0	1	1	1	1	1	0	1	2	1	1	0	10	11	-9.1
	Instructors	0	4	3	3	4	5	0	4	10	7	5	0	45	46	-2.2
	Participants	0	32	16	18	15	31	0	17	53	32	9	0	223	304	-26.6
TIPS Instructor course	Courses	0	0	0	1	0	0	0	0	0	0	0	0	1	0	-
	Instructors	0	0	0	8	0	0	0	0	0	0	0	0	8	0	-
	Participants	0	0	0	14	0	0	0	0	0	0	0	0	14	0	-
TIPS Provider Course	Courses	0	1	2	1	1	0	1	0	1	2	1	0	10	10	0.0
	Instructors	0	10	21	10	11	0	8	0	10	17	9	0	96	90	6.7
	Participants	0	12	24	10	10	0	7	0	8	21	12	0	104	118	-11.9
OWR Instructor course	Courses	0	0	1	0	0	0	0	0	1	0	0	0	2	1	100.0
	Instructors	0	0	7	0	0	0	0	0	5	0	0	0	12	7	71.4
	Participants	0	0	10	0	0	0	0	0	9	0	0	0	19	10	90.0
OWR Provider Course	Courses	0	1	1	1	2	1	1	1	2	1	3	0	14	0	-
	Instructors	0	5	3	7	10	5	6	4	10	5	15	0	70	0	-
	Participants	0	18	17	16	52	17	14	20	36	22	44	0	256	0	-
Total	Courses	1	13	21	10	16	15	12	10	16	18	18	3	153	147	4.1
	Instructors	9	140	228	105	181	175	125	114	156	201	160	34	1628	1641	-0.8
	Participants	16	228	324	154	280	256	172	171	254	300	270	50	2475	2470	0.2

Note: Number of instructors documented in this table is not the number of individual instructors, but the number of times any member of the faculty taught a course.

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

Course		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
CCrISP Instructor Course	Courses	0	0	0	0	0	0	2	0	2	0	0	2	3	-33.3
	Instructors	0	0	0	0	0	0	15	0	15	0	0	15	21	-28.6
	Participants	0	0	0	0	0	0	28	0	28	0	0	28	35	-20.0
CCrISP Provider Course	Courses	0	6	0	5	3	0	6	1	21	5	0	26	28	-7.1
	Instructors	0	76	0	60	34	0	78	13	261	67	0	328	379	-13.5
	Participants	0	92	0	74	42	0	94	16	318	79	0	397	433	-8.3
EMST ADF Course	Courses	0	4	0	0	0	0	0	0	4	0	0	4	4	0.0
	Instructors	0	39	0	0	0	0	0	0	39	0	0	39	39	0.0
	Participants	0	62	0	0	0	0	0	0	62	0	0	62	59	5.1
EMST Instructor Course	Courses	0	0	0	0	0	0	2	0	2	0	0	2	2	0.0
	Instructors	0	0	0	0	0	0	16	0	16	0	0	16	15	6.7
	Participants	0	0	0	0	0	0	29	0	29	0	0	29	31	-6.5
EMST Provider Course	Courses	1	15	0	10	4	1	4	3	38	9	5	52	63	-17.5
	Instructors	11	148	0	99	39	10	41	30	378	87	52	517	604	-14.4
	Participants	16	230	0	152	59	11	64	42	574	143	77	794	1017	-21.9
EMST Refresher Course	Courses	0	2	0	1	0	0	1	1	5	1	0	6	6	0.0
	Instructors	0	20	0	10	0	0	10	10	50	9	0	59	62	-4.8
	Participants	0	30	0	15	0	0	15	12	72	13	0	85	93	-8.6
ASSET	Courses	0	6	0	4	2	0	6	2	20	4	0	24	19	26.3
	Instructors	0	110	0	70	30	0	113	29	352	71	0	423	378	11.9
	Participants	0	120	0	79	40	0	121	40	400	64	0	464	370	25.4
CLEAR	Courses	0	3	0	1	0	0	3	0	7	3	0	10	11	-9.1
	Instructors	0	14	0	4	0	0	15	0	33	12	0	45	46	-2.2
	Participants	0	94	0	15	0	0	72	0	181	42	0	223	304	-26.6
TIPS Instructor course	Courses	0	0	0	0	0	0	1	0	1	0	0	1	0	-
	Instructors	0	0	0	0	0	0	8	0	8	0	0	8	0	-
	Participants	0	0	0	0	0	0	14	0	14	0	0	14	0	-
TIPS Provider Course	Courses	0	3	0	1	1	0	3	1	9	1	0	10	10	0.0
	Instructors	0	27	0	8	10	0	31	11	87	9	0	96	90	6.7
	Participants	0	29	0	7	10	0	34	12	92	12	0	104	118	-11.9
OWR Instructor course	Courses	0	0	0	1	0	0	1	0	2	0	0	2	1	100.0
	Instructors	0	0	0	5	0	0	7	0	12	0	0	12	7	71.4
	Participants	0	0	0	9	0	0	10	0	19	0	0	19	10	90.0
OWR Provider Course	Courses	1	3	0	2	1	0	4	1	12	2	0	14	0	-
	Instructors	5	16	0	10	5	0	20	4	60	10	0	70	0	-
	Participants	15	41	0	54	19	0	73	20	222	34	0	256	0	-
	Courses	2	42	0	25	11	1	33	9	123	25	5	153	147	4.1
Total	Instructors	16	450	0	266	118	10	354	97	1311	265	52	1628	1641	-0.8
	Participants	31	698	0	405	170	11	554	142	2011	387	77	2475	2470	0.2

Note: Number of instructors documented in this table is not the number of individual instructors, but the number of times any member of the faculty taught a course.

TABLE ST.3 – ASSET faculty by location and specialty

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016
CAR	0	1	0	3	1	0	3	2	10	2	0	12	12
GEN	1	46	0	24	13	6	47	9	146	28	2	176	164
NEU	0	1	0	4	1	0	0	1	7	0	0	7	7
ORT	1	19	0	11	2	0	16	2	51	23	0	74	74
OTO	0	5	0	4	2	0	0	4	15	7	1	23	20
PAE	0	4	0	0	1	1	1	1	8	4	0	12	11
PLA	1	6	0	6	3	0	9	1	26	4	0	30	26
URO	1	1	0	2	3	0	6	2	15	4	0	19	20
VAS	0	5	0	2	1	2	4	3	17	1	1	19	14
Sub Total	4	88	0	56	27	9	86	25	295	73	4	372	348
IMG	0	0	0	0	0	0	1	0	1	3	0	4	2
SET	0	0	0	0	0	0	6	1	7	1	0	8	7
Other	0	1	0	0	0	0	0	1	2	0	0	2	2
OPH	0	1	0	0	0	0	0	0	1	0	0	1	1
Total	4	90	0	56	27	9	93	27	306	77	4	387	360

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

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016
Anaesthesia	0	7	0	5	2	0	9	3	26	21	5	52	51
Emergency Medicine	3	1	0	5	4	1	4	2	20	0	0	20	26
General Practice	0	3	0	1	0	0	0	1	5	0	0	5	4
Intensive Care	2	10	0	5	1	2	3	4	27	3	0	30	29
Internal medicine	0	0	0	0	5	0	0	0	5	1	0	6	6
Surgery	1	30	1	33	9	5	33	17	129	41	13	183	175
Other	0	0	0	0	0	0	0	0	0	0	1	1	5
Total	6	51	1	49	21	8	49	27	212	66	19	297	296

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

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016
Anaesthesia	1	30	2	18	2	2	16	6	77	9	3	89	89
Emergency Medicine	6	40	3	17	15	3	25	23	132	25	0	157	167
General Practice	1	7	1	14	5	2	7	4	41	2	0	43	46
Intensive Care	1	7	1	12	6	1	12	1	41	4	1	46	48
Surgery	4	54	3	23	9	3	31	14	141	25	16	182	191
Other	0	2	0	0	1	0	0	0	3	2	0	5	3
Total	13	140	10	84	38	11	91	48	435	67	20	522	544

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

Course	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS	NZ	OS	Total 2017	Total 2016	% Change 16/17	
CCrISP	Attended	3	108	2	70	24	5	80	32	324	100	1	425	468	-9.2
	Pass	2	100	2	62	24	5	75	29	299	98	0	397	457	-13.1
	% Pass	67%	93%	100%	89%	100%	100%	94%	91%	92%	98%	0%	93%	98%	-4.3
EMST	Attended	25	262	10	194	70	11	127	62	761	201	8	970	1200	-19.2
	Pass	21	229	8	179	60	11	111	57	676	194	8	878	1084	-19.0
	% Pass	84%	87%	80%	92%	86%	100%	87%	92%	89%	97%	100%	91%	90%	0.2

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

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016
CAR	0	1	0	0	0	0	1	0	2	1	0	3	3
GEN	0	3	0	1	0	3	0	2	9	2	0	11	7
NEU	0	1	0	0	0	0	0	0	1	0	0	1	2
ORT	0	3	0	1	0	0	0	0	4	2	0	6	5
OTO	0	0	0	0	0	0	0	0	0	0	0	0	0
PAE	0	0	0	0	0	0	0	0	0	1	0	1	1
PLA	0	0	0	0	0	0	1	0	1	0	0	1	1
URO	0	1	0	0	0	0	0	0	1	0	0	1	1
VAS	0	1	0	0	0	0	0	0	1	0	0	1	1
Sub Total	0	10	0	2	0	3	2	2	19	6	0	25	21
CLE	0	2	0	2	0	1	0	0	5	1	0	6	6
Total	0	12	0	4	0	4	2	2	24	7	0	31	27

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

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016
Anaesthesia	0	1	0	0	1	0	0	0	2	0	0	2	2
Emergency Medicine	0	0	0	2	0	0	2	0	4	0	0	4	4
General Practice	0	0	0	0	0	0	0	0	0	0	0	0	0
Intensive Care	0	0	0	0	1	0	0	0	1	0	0	1	0
Physician	0	0	0	0	0	0	0	0	0	0	0	0	1
Surgery	0	9	0	6	8	0	8	1	32	9	0	41	32
Other	0	2	0	2	1	0	4	1	10	1	0	11	7
Total	0	12	0	10	11	0	14	2	49	10	0	59	46

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

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016
CAR	0	0	0	0	0	0	0	0	0	1	0	1	0
GEN	0	1	0	3	1	1	3	0	9	2	0	11	0
NEU	0	1	0	1	0	0	1	0	3	0	0	3	0
ORT	0	0	0	0	0	0	1	0	1	1	0	2	0
OTO	0	1	0	1	0	0	0	0	2	0	0	2	0
PAE	0	0	0	1	0	0	0	0	1	2	0	3	0
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	0	0	0	0	0	0	0	1	0	1	0
Sub Total	0	3	0	6	1	1	5	0	16	7	0	23	0
Intensive Care	1	0	0	0	0	0	0	0	1	0	0	1	0
Total	1	3	0	6	1	1	5	0	17	7	0	24	0

EXPLANATORY NOTES – Australia

The processes for assessing the comparability of International Medical Graduates (IMGs) to holders of RACS Fellowship, and for practice as surgeons in Australia are in accordance with the principles outlined in the following publications:

- RACS – Specialist Assessment of International Medical Graduates in Australia policy
<https://www.surgeons.org/policies-publications/policies/international-medical-graduates/>
- RACS – IMG Area of Need Assessment policy
<https://www.surgeons.org/policies-publications/policies/international-medical-graduates/>
- Australian Medical Council (AMC) – Standards for Assessment and Accreditation of Specialist Medical Education Programs and Professional Development Programs by the AMC 2015 AMC Standards for Assessment
- Medical Board of Australia (MBA) Guidelines – Good practice guidelines for the specialist international medical graduate assessment process <http://www.medicalboard.gov.au/Registration/International-Medical-Graduates/Specialist-Pathway.aspx>

International Medical Graduates – Period of Clinical Assessment

The process related to the period of clinical assessment for IMGs are in accordance with the principles outlined in the following publications:

- RACS Clinical Assessment of International Medical Graduates in Australia policy;
<https://www.surgeons.org/policies-publications/policies/international-medical-graduates/>

and

- MBA Guidelines – 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

Short-term training programs in Australia allow IMGs the opportunity to undertake a short-term training program not available in their country of training with the objective of improving their professional skills and experience. Within the surgical specialty, an IMG approved to undertake a short-term training position/program can develop surgical skills and experience through a work based surgical program provided by the hospital.

The process related to the short-term training program for IMGs are in accordance with the principles outlined in the following publications:

- Short Term Training in a Medical Specialty Pathway policy
<https://www.surgeons.org/policies-publications/policies/international-medical-graduates/>
- MBA – Short Term Training in a Medical Specialty Pathway
<http://www.medicalboard.gov.au/Registration/International-Medical-Graduates/Short-term-training.aspx>

EXPLANATORY NOTES – 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 branch 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 receive College 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 the College alone 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

TABLE IMG.1 – Number of International Medical Graduate applications activated by specialty

Assessment result	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017
Specialist recognition	3	11	5	12	7	3	5	2	4	52
Area of need	0	2	0	4	0	0	2	1	0	9
Total	3	13	5	16	7	3	7	3	4	61

TABLE IMG.2 – International Medical Graduate countries of training

Country ^a	Qualification		Total 2017
	Primary	Secondary	
Argentina	1	1	2
Armenia	1	1	2
Belgium	1	1	2
Brazil	2	2	4
Canada	1	0	1
China	1	0	1
Denmark	1	1	2
Egypt	1	1	2
France	1	1	2
Germany	1	1	2
India	16	13	29
Iran	1	0	1
Ireland	1	1	2
Malaysia	1	0	1
Pakistan	3	2	5
Philippines	1	1	2
Russia	1	1	2
Saudi Arabia	1	1	2
Scotland	1	0	1
Serbia	2	2	4
South Africa	3	1	4
Sri Lanka	1	1	2
South Korea	1	1	2
Turkey	1	1	2
United Kingdom	14	23	37
United States of America	1	3	4
Zimbabwe	1	1	2
Total	61	61	122

^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	OTO	PAE	PLA	URO	VAS	Total 2017
No. of IMGs not comparable	0	2	2	1	1	0	2	1	1	10

Note: IMGs are subject to paper-based assessment only. Interview is not required.

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

	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017
Before initial assessment	0	2	0	2	0	0	0	0	0	4
Between initial and final assessment	0	1	0	2	1	0	0	0	0	4
Total	0	3	0	4	1	0	0	0	0	8

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	OTO	PAE	PLA	URO	VAS	Total 2017
Substantially comparable	0	6	0	0	5	0	0	1	0	12
Partially comparable	1	2	3	8	1	2	4	0	2	23
Not comparable	2	3	3	4	5	1	4	2	1	25
In progress	0	2	0	2	2	0	0	1	1	8
Total	3	13	6	14	13	3	8	4	4	68
Application incomplete as at 31/12/2017	0	0	0	0	0	0	0	0	0	0
Applications activated and processed in 2017	3	9	5	10	5	3	5	1	3	44
Total processed	3	9	5	10	5	3	5	1	3	44

Note: If IMG's comparability is based on a limited scope of practice this should be noted.

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

		Clinical assessment – by specialty									Total 2017
Supervision/oversight period		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	
Currently under oversight	≤ 12 months	0	2	0	0	3	1	0	0	0	6
	≤ 24 months	0	2	0	0	0	0	0	0	0	2
Currently under supervision	≤ 12 months	0	3	0	2	3	0	0	0	0	8
	≤ 24 months	1	6	3	13	2	0	2	3	0	30
Completed oversight/supervision		1	4	0	7	2	0	2	0	2	18
Total		2	17	3	22	10	1	4	3	2	64

		Clinical assessment – by location of residence										Total 2017
Supervision/oversight period		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	
Currently under oversight	≤ 12 months	0	2	0	0	0	0	3	0	5	1	6
	≤ 24 months	0	0	0	0	0	0	2	0	2	0	2
Currently under supervision	≤ 12 months	0	0	1	1	2	0	4	0	8	0	8
	≤ 24 months	2	10	0	7	3	0	6	2	30	0	30
Completed oversight/supervision		0	2	1	6	1	0	5	3	18	0	18
Total		2	14	2	14	6	0	20	5	63	1	64

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	OTO	PAE	PLA	URO	VAS	Total 2017
Substantially comparable	0	1	0	1	0	0	0	0	0	2
Partially comparable	0	0	0	2	0	0	2	0	0	4
Not comparable	0	1	0	1	0	0	0	1	0	3
In progress	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	4	0	0	2	1	0	9
Application incomplete as at 31/12/2017	0	0	0	0	0	0	0	0	0	0
Applications activated and processed in 2017	0	2	0	4	0	0	2	1	0	9
Total processed	0	2	0	4	0	0	2	1	0	9

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

		Clinical assessment – by specialty									Total 2017
Supervision/oversight period		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	
Currently under oversight	≤ 12 months	0	0	0	0	0	0	0	0	0	0
	≤ 24 months	0	0	0	2	0	0	0	0	0	2
Currently under supervision	≤ 12 months	0	0	0	0	1	0	0	0	0	1
	≤ 24 months	0	0	0	1	2	0	1	0	0	4
Completed oversight/supervision		0	0	0	2	1	0	1	1	0	5
Total		0	0	0	5	4	0	2	1	0	12

		Clinical assessment – by location of residence										Total 2017
Supervision/oversight period		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	
Currently under oversight	≤ 12 months	0	0	0	0	0	0	0	0	0	0	0
	≤ 24 months	0	0	0	1	0	0	1	0	2	0	2
Currently under supervision	≤ 12 months	0	1	0	0	0	0	0	0	1	0	1
	≤ 24 months	0	0	1	0	0	2	0	1	4	0	4
Completed oversight/supervision		0	0	0	1	0	2	2	0	5	0	5
Total		0	1	1	2	0	4	3	1	12	0	12

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 (MBA) Report combined report.

	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017
Suitable for area of need position	0	1	0	3	0	0	2	0	0	6
Not suitable for area of need position	0	1	0	1	0	0	0	1	0	3
Total	0	2	0	4	0	0	2	1	0	9

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	OTO	PAE	PLA	URO	VAS	Total 2017
Recommended for recognition as specialist	Partially comparable	0	4	1	5	0	0	1	2	2	15
	Substantially comparable	1	6	0	0	1	2	0	0	0	10
Not recommended for recognition as specialist	Partially comparable	1	1	0	8	2	0	0	0	0	12
	Substantially comparable	0	2	0	1	0	0	0	0	0	3
Total		2	13	1	14	3	2	1	2	2	40

Note: If IMGs comparability is based on a limited scope of practice this should be noted.

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

	2017
0-3 months	19
4-6 months	22
7-9 months	3
9 months +	0
Total	44

Note: As documented in Medical Board of Australia Report 1.

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

	2017
0-3 months	3
4-6 months	6
7-9 months	0
9 months +	0
Total	9

Note: As documented in Medical Board of Australia Report 1.

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

	2017
0-3 months	0
4-6 months	0
7-12 months	1
13-18 months	11
19-24 months	1
24 months +	12
Total	25

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		2017
Decision being appealed	Outcome of initial assessment	0
	Outcome of final assessment	0
Original decision	Not comparable	0
	Partially comparable	0
RACS decision	Upheld	0
	Overturned	0

TABLE IMG.15 – Short-term specified training: International Medical Graduate specialist applications by specialty

RACS decision	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017
Approved	30	26	14	92	18	5	22	14	8	229
Denied	1	1	1	1	0	0	0	0	0	4
Pending	0	3	0	7	0	0	1	1	0	12
Total	31	30	15	100	18	5	23	15	8	245

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

RACS decision	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	Total 2017
Approved	1	91	4	35	27	2	48	21	229	0	229
Denied	0	2	1	0	0	0	1	0	4	0	4
Pending	0	8	0	1	0	0	2	1	12	0	12
Total	1	101	5	36	27	2	51	22	245	0	245

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

	Total 2017
Total number of IMGs practising in Australia with valid assessment	76

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	OTO	PAE	PLA	URO	VAS	Total 2017
Likely to be suitable for vocational pathway	1	1	0	3	3	0	1	1	0	10
Unlikely to be suitable for vocational pathway	0	2	0	2	2	1	0	0	0	7
Unable to determine suitability by documentation only	0	1	0	4	1	0	2	0	1	9
Preliminary advise requests not yet completed	0	1	0	0	0	0	0	0	0	1
Total	1	5	0	9	6	1	3	1	1	27

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

Advice to MCNZ following interview	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017
Vocational pathway – supervision (MCNZ approved)	0	5	0	1	2	2	0	1	1	12
Vocational pathway – supervised assessment (College approved)	0	0	1	3	1	1	1	0	0	7
Not suitable for vocational pathway	0	2	0	0	2	1	2	0	2	9
Total	0	7	1	4	5	4	3	1	3	28

Applications yet to achieve interview completion	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017
Applicants awaiting interviews at end of December 2017	0	0	0	0	0	0	0	0	0	0
Interview process incomplete at end of December 2017	1	0	1	2	1	0	0	0	0	5
Application(s) withdrawn prior to interview 2017	0	0	0	0	0	0	0	0	0	0
Total	1	0	1	2	1	0	0	0	0	5

TABLE IMG.20 – International Medical Graduate specialists participating in vocational assessment

IMGs under College approved vocational assessment in 2017	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017
For full scope registration	0	3	0	5	0	0	0	0	0	8
For restricted scope registration	0	0	0	0	0	0	0	0	0	0
Total	0	3	0	5	0	0	0	0	0	8

College approved vocational assessments completed in 2017	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017
To satisfactory standard	1	0	0	0	1	0	0	0	0	2
Not to satisfactory standard	0	0	0	0	0	0	1	0	0	1
Withdrawn from program	0	0	0	1	0	0	0	0	0	1
Total	1	0	0	1	1	0	1	0	0	4

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	OTO	PAE	PLA	URO	VAS	Total 2017
Recommendation altered	0	0	0	0	0	0	0	0	0	0
Recommendation not altered	0	0	0	1	2	0	0	0	0	3
In progress	0	0	0	1	0	0	0	0	0	1
Total	0	0	0	2	2	0	0	0	0	4

MCNZ decision of RACS review	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017
RACS review accepted by MCNZ	0	0	0	1	1	0	0	0	0	2
RACS review not accepted by MCNZ	0	0	0	0	1	0	0	0	0	1
In progress	0	0	0	1	0	0	0	0	0	1
Total	0	0	0	2	2	0	0	0	0	4

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.

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 applications received for the orthopaedic program in Australia. The totals listed in tables SET.1 to SET.4 have been included as Australian applicants only with no regional breakdown and included as Non IMG/Trainees. Also, it is unclear whether 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 counted as an active Trainee in all tables.

DATA SUMMARY

SET applications increased in 2017 by almost 6%, and Cardiothoracic Surgery had the largest increase in applications compared to 2016 (64%). The number of individual female SET applicants increased by 10%, and comprised almost one-third of all individual applicants (Table SET.3). There were 255 applicants who were offered a Trainee position in 2017. Just over 30% of successful applicants were female, a 6% increase from 2016 (Table SET.5).

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

		SET	IMG	NON IMG/ Trainee ^b	Fellow	Total 2017	Total 2016	% Change 16/17
CAR	Male	2	0	30	1	33	19	73.7
	Female	2	0	11	0	13	9	44.4
	Total	4	0	41	1	46	28	64.3
GEN	Male	0	0	180	0	180	163	10.4
	Female	0	0	97	0	97	88	10.2
	Total	0	0	277	0	277	251	10.4
NEU	Male	0	0	34	0	34	39	-12.8
	Female	1	0	14	0	15	16	-6.3
	Total	1	0	48	0	49	55	-10.9
ORT ^c	Male	0	0	191	0	191	158	20.9
	Female	0	0	34	0	34	23	47.8
	Total	0	0	225	0	225	181	24.3
OTO	Male	4	0	53	0	57	62	-8.1
	Female	1	0	22	0	23	36	-36.1
	Total	5	0	75	0	80	98	-18.4
PAE	Male	1	0	9	0	10	11	-9.1
	Female	1	0	13	0	14	5	180.0
	Total	2	0	22	0	24	16	50.0
PLA	Male	3	0	44	0	47	58	-19.0
	Female	0	0	31	0	31	35	-11.4
	Total	3	0	75	0	78	93	-16.1
URO	Male	5	0	44	0	49	60	-18.3
	Female	1	0	12	0	13	18	-27.8
	Total	6	0	56	0	62	78	-20.5
VAS	Male	5	0	26	0	31	31	0.0
	Female	1	0	16	0	17	11	54.5
	Total	6	0	42	0	48	42	14.3
Total	Male	20	0	611	1	632	601	5.2
	Female	7	0	250	0	257	241	6.6
	Total	27	0	861	1	889	842	5.6

^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.

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
CAR	Male	0	12	0	5	2	0	8	1	28	5	0	33	19	73.7
	Female	0	6	0	2	0	0	4	0	12	1	0	13	9	44.4
	Total	0	18	0	7	2	0	12	1	40	6	0	46	28	64.3
GEN	Male	5	51	3	44	10	0	37	14	164	15	1	180	163	10.4
	Female	5	24	0	16	5	0	23	11	84	13	0	97	88	10.2
	Total	10	75	3	60	15	0	60	25	248	28	1	277	251	10.4
NEU	Male	1	11	0	5	1	1	7	3	29	4	1	34	39	-12.8
	Female	0	2	0	5	2	0	4	0	13	2	0	15	16	-6.3
	Total	1	13	0	10	3	1	11	3	42	6	1	49	55	-10.9
ORT ^b	Male	1	58	1	55	8	1	35	12	171	20	0	191	158	20.9
	Female	1	10	0	7	4	0	7	0	29	5	0	34	23	47.8
	Total	2	68	1	62	12	1	42	12	200	25	0	225	181	24.3
OTO	Male	1	16	0	10	6	0	16	3	52	5	0	57	62	-8.1
	Female	0	3	0	6	1	0	5	1	16	7	0	23	36	-36.1
	Total	1	19	0	16	7	0	21	4	68	12	0	80	98	-18.4
PAE	Male	1	3	0	2	1	0	1	1	9	1	0	10	11	-9.1
	Female	0	3	0	4	0	1	2	0	10	4	0	14	5	180.0
	Total	1	6	0	6	1	1	3	1	19	5	0	24	16	50.0
PLA	Male	2	12	0	7	4	0	12	3	40	7	0	47	58	-19.0
	Female	2	4	0	3	2	0	8	2	21	10	0	31	35	-11.4
	Total	4	16	0	10	6	0	20	5	61	17	0	78	93	-16.1
URO	Male	2	12	2	8	1	0	17	4	46	3	0	49	60	-18.3
	Female	0	1	0	6	1	0	4	0	12	1	0	13	18	-27.8
	Total	2	13	2	14	2	0	21	4	58	4	0	62	78	-20.5
VAS	Male	1	8	0	5	3	0	7	2	26	5	0	31	31	0.0
	Female	1	4	0	2	0	0	4	3	14	3	0	17	11	54.5
	Total	2	12	0	7	3	0	11	5	40	8	0	48	42	14.3
Total	Male	13	125	5	86	28	1	105	31	565	65	2	632	601	5.2
	Female	8	47	0	44	11	1	54	17	211	46	0	257	241	6.6
	Total	21	172	5	130	39	2	159	48	776	111	2	889	842	5.6

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

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

No. of applications		SET	SET Deferred	IMG	NON IMG/ Trainee	Fellow	Total 2017	Total 2016	% Change 16/17
1	Male	18	0	0	368	1	387	396	-2.3
	Female	7	0	0	187	0	194	169	14.8
	Total	25	0	0	555	1	581	565	2.8
2	Male	1	0	0	48	0	49	51	-3.9
	Female	0	0	0	21	0	21	22	-4.5
	Total	1	0	0	69	0	70	73	-4.1
3	Male	0	0	0	4	0	4	2	100.0
	Female	0	0	0	0	0	0	4	-100.0
	Total	0	0	0	4	0	4	6	-33.3
≥4	Male	0	0	0	0	0	0	0	–
	Female	0	0	0	0	0	0	0	–
	Total	0	0	0	0	0	0	0	–
Total	Male	19	0	0	420	1	440	449	-2.0
	Female	7	0	0	208	0	215	195	10.3
	Total	26	0	0	628	1	655	644	1.7

^aThe total number of applicants to the Australian Orthopaedic SET program are included as single (1) applications only; it is unknown if these applicants also applied to other SET programs, therefore some applicants may be recorded more than once.

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

Specialty	Offers ^a		Unsuccessful		Waiting List		Withdrawn		Ineligible		Declined		Total 2017 ^b
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
CAR	8	17.4	38	82.6	0	0.0	0	0.0	0	0.0	0	0.0	46
GEN	105	37.9	165	59.6	0	0.0	0	0.0	0	0.0	7	2.5	277
NEU	8	16.3	41	83.7	0	0.0	0	0.0	0	0.0	0	0.0	49
ORT	56	24.8	170	75.2	0	0.0	0	0.0	0	0.0	0	0.0	226
OTO	25	31.3	55	68.8	0	0.0	0	0.0	0	0.0	0	0.0	80
PAE	4	16.7	19	79.2	0	0.0	0	0.0	0	0.0	1	4.2	24
PLA	20	25.6	58	74.4	0	0.0	0	0.0	0	0.0	0	0.0	78
URO	22	35.5	40	64.5	0	0.0	0	0.0	0	0.0	0	0.0	62
VAS	8	16.7	39	81.3	0	0.0	1	2.1	0	0.0	0	0.0	48
Total	256	28.8	625	70.2	0	0.0	1	0.1	0	0.0	8	0.9	890
Applicant type													
SET	9	33.3	12	44.4	0	0.0	0	0.0	0	0.0	6	22.2	27
Fellow	0	–	0	–	0	–	–	–	0	–	0	–	0
Non IMGTrainee	247	28.6	613	71.0	0	0.0	1	0.1	0	0.0	2	0.2	863
Total^b	256	28.8	625	70.2	0	0.0	1	0.1	0	0.0	8	0.9	890

^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.

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016
CAR	Male	0	3	0	0	0	0	1	0	4	1	0	5	5
	Female	0	2	0	0	0	0	1	0	3	0	0	3	1
	Total	0	5	0	0	0	0	2	0	7	1	0	8	6
GEN	Male	2	19	2	14	2	0	17	4	60	7	1	68	73
	Female	1	8	0	8	2	0	8	2	29	8	0	37	33
	Total	3	27	2	22	4	0	25	6	89	15	1	105	106
NEU	Male	0	0	0	1	0	0	1	1	3	0	0	3	11
	Female	0	0	0	2	1	0	2	0	5	0	0	5	0
	Total	0	0	0	3	1	0	3	1	8	0	0	8	11
ORT	Male	0	12	0	11	1	0	13	1	38	8	0	46	52
	Female	0	3	0	0	2	0	3	0	8	2	0	10	3
	Total	0	15	0	11	3	0	16	1	46	10	0	56	55
OTO	Male	0	6	0	5	4	0	1	1	17	2	0	19	11
	Female	0	1	0	1	0	0	2	0	4	2	0	6	6
	Total	0	7	0	6	4	0	3	1	21	4	0	25	17
PAE	Male	1	0	0	0	0	0	0	0	1	0	0	1	4
	Female	0	2	0	1	0	0	0	0	3	0	0	3	3
	Total	1	2	0	1	0	0	0	0	4	0	0	4	7
PLA	Male	0	3	0	3	3	0	1	2	12	1	0	13	15
	Female	0	2	0	0	0	0	1	2	5	2	0	7	9
	Total	0	5	0	3	3	0	2	4	17	3	0	20	24
URO	Male	1	3	1	4	0	0	8	0	17	2	0	19	11
	Female	0	1	0	1	0	0	1	0	3	0	0	3	5
	Total	1	4	1	5	0	0	9	0	20	2	0	22	16
VAS	Male	0	0	0	0	2	0	0	1	3	1	0	4	8
	Female	0	1	0	1	0	0	1	0	3	1	0	4	2
	Total	0	1	0	1	2	0	1	1	6	2	0	8	10
Total	Male	4	46	3	38	12	0	42	10	155	22	1	178	190
	Female	1	20	0	14	5	0	19	4	63	15	0	78	62
	Total	5	66	3	52	17	0	61	14	218	37	1	256	252

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

Trainee status		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
Clinical	Male	11	252	7	127	51	13	180	67	708	126	1	835	800	4.4
	Female	6	87	3	46	19	6	73	19	259	41	0	300	309	-2.9
	Total	17	339	10	173	70	19	253	86	967	167	1	1135	1109	2.3
Accredited Research	Male	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Female	0	0	0	0	0	0	0	1	1	0	0	1	0	–
	Total	0	0	0	0	0	0	0	1	1	0	0	1	1	0.0
Part Time	Male	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Female	0	0	0	4	1	0	0	0	5	0	0	5	3	66.7
	Total	0	0	0	4	1	0	0	0	5	0	0	5	4	25.0
Probationary	Male	0	1	0	1	0	0	4	0	6	0	0	6	12	-50.0
	Female	0	3	0	2	1	0	2	0	8	2	0	10	6	66.7
	Total	0	4	0	3	1	0	6	0	14	2	0	16	18	-11.1
Exam Pending	Male	0	3	0	0	2	0	2	1	8	3	0	11	23	-52.2
	Female	0	3	0	0	0	0	0	0	3	0	0	3	8	-62.5
	Total	0	6	0	0	2	0	2	1	11	3	0	14	31	-54.8
Total	Male	11	256	7	128	53	13	186	68	722	129	1	852	837	1.8
	Female	6	93	3	52	21	6	75	20	276	43	0	319	326	-2.1
	Total	17	349	10	180	74	19	261	88	998	172	1	1171	1163	0.7

^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

Trainee status		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
Approved interruption to training	Male	1	4	1	3	5	0	4	1	19	7	0	26	25	4.0
	Female	1	14	0	4	0	2	4	1	26	11	0	37	32	15.6
	Total	2	18	1	7	5	2	8	2	45	18	0	63	57	10.5
Deferred	Male	0	2	0	1	1	1	1	0	6	2	0	8	13	-38.5
	Female	0	1	0	1	1	0	0	0	3	1	0	4	2	100.0
	Total	0	3	0	2	2	1	1	0	9	3	0	12	15	-20.0
Suspended	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	–
	Female	0	0	0	0	0	0	0	0	0	1	0	1	0	–
	Total	0	0	0	0	0	0	0	0	0	1	0	1	0	–
Total	Male	1	6	1	4	6	1	5	1	25	9	0	34	38	-10.5
	Female	1	15	0	5	1	2	4	1	29	13	0	42	34	23.5
	Total	2	21	1	9	7	3	9	2	54	22	0	76	72	5.6

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

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

Trainee status		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017	Total 2016	% Change 16/17
Clinical	Male	31	277	35	247	56	14	65	75	35	835	800	4.4
	Female	6	148	11	33	25	17	26	23	11	300	309	-2.9
	Total	37	425	46	280	81	31	91	98	46	1135	1109	2.3
Accredited Research	Male	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Female	1	0	0	0	0	0	0	0	0	1	0	–
	Total	1	0	0	0	0	0	0	0	0	1	1	0.0
Part Time	Male	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Female	0	5	0	0	0	0	0	0	0	5	3	66.7
	Total	0	5	0	0	0	0	0	0	0	5	4	25.0
Probationary	Male	0	0	1	0	2	0	1	2	0	6	12	-50.0
	Female	1	0	1	0	2	0	4	2	0	10	6	66.7
	Total	1	0	2	0	4	0	5	4	0	16	18	-11.1
Exam Pending	Male	2	2	0	3	0	0	3	0	1	11	23	-52.2
	Female	0	2	0	0	1	0	0	0	0	3	8	-62.5
	Total	2	4	0	3	1	0	3	0	1	14	31	-54.8
Total	Male	33	279	36	250	58	14	69	77	36	852	837	1.8
	Female	8	155	12	33	28	17	30	25	11	319	326	-2.1
	Total	41	434	48	283	86	31	99	102	47	1171	1163	0.7

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

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

Trainee status		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017	Total 2016	% Change 16/17
Approved Interruption to training	Male	0	15	4	0	2	2	1	1	1	26	25	4.0
	Female	0	22	1	1	3	3	5	2	0	37	32	15.6
	Total	0	37	5	1	5	5	6	3	1	63	57	10.5
Deferred	Male	0	4	0	0	1	0	1	1	1	8	13	-38.5
	Female	0	0	0	0	1	0	2	1	0	4	2	100.0
	Total	0	4	0	0	2	0	3	2	1	12	15	-20.0
Suspended	Male	0	0	0	0	0	0	0	0	0	0	0	–
	Female	0	0	0	0	0	0	1	0	0	1	0	–
	Total	0	0	0	0	0	0	1	0	0	1	0	–
Total	Male	0	19	4	0	3	2	2	2	2	34	38	-10.5
	Female	0	22	1	1	4	3	8	3	0	42	34	23.5
	Total	0	41	5	1	7	5	10	5	2	76	72	5.6

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

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

Specialty	Terminated from SET		Withdrawn from SET		Other		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
CAR	0	1	0	0	0	0	0	1
GEN	3	0	4	4	0	0	7	4
NEU	0	0	0	0	0	0	0	0
ORT	3	0	0	1	0	0	3	1
OTO	1	0	1	2	1	0	3	2
PAE	0	0	0	0	0	0	0	0
PLA	0	1	0	0	0	0	0	1
URO	0	0	1	0	1	0	2	0
VAS	0	0	0	0	0	0	0	0
Total	7	2	6	7	2	0	15	9

^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

Year	Terminated from SET		Withdrawn from SET		Other		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
Year 1	0	0	2	3	0	0	2	3
Year 2	0	1	1	3	0	0	1	4
Year 3	3	1	0	0	1	0	4	1
Year 4	1	0	1	0	0	0	2	0
Year 5	2	0	1	0	0	0	3	0
Year 6+	1	0	1	1	1	0	3	1
Total	7	2	6	7	2	0	15	9

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

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

Region	Terminated from SET		Withdrawn from SET		Other		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
ACT	0	0	0	0	0	0	0	0
NSW	4	1	1	2	1	0	6	3
NT	0	0	0	0	0	0	0	0
QLD	1	0	1	0	0	0	2	0
SA	1	0	0	0	0	0	1	0
TAS	0	0	0	0	0	0	0	0
VIC	1	1	2	1	0	0	3	2
WA	0	0	0	2	1	0	1	2
AUS	7	2	4	5	2	0	13	7
NZ	0	0	2	2	0	0	2	2
O/S	0	0	0	0	0	0	0	0
Total	7	2	6	7	2	0	15	9

^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,b}

Age group		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017
<35	Male	6	124	6	63	34	7	105	30	375	79	1	455
	Female	3	44	2	21	8	4	41	18	141	27	0	168
	Total	9	168	8	84	42	11	146	48	516	106	1	623
35 – 39	Male	5	95	1	49	14	5	61	26	256	37	0	293
	Female	3	36	1	26	10	2	28	1	107	15	0	122
	Total	8	131	2	75	24	7	89	27	363	52	0	415
40 – 44	Male	0	30	0	14	3	1	17	11	76	10	0	86
	Female	0	9	0	5	3	0	5	1	23	1	0	24
	Total	0	39	0	19	6	1	22	12	99	11	0	110
45 – 49	Male	0	5	0	2	1	0	2	1	11	2	0	13
	Female	0	4	0	0	0	0	1	0	5	0	0	5
	Total	0	9	0	2	1	0	3	1	16	2	0	18
50 – 54	Male	0	2	0	0	1	0	1	0	4	1	0	5
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	2	0	0	1	0	1	0	4	1	0	5
55+	Male	0	0	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0
Total	Male	11	256	7	128	53	13	186	68	722	129	1	852
	Female	6	93	3	52	21	6	75	20	276	43	0	319
	Total	17	349	10	180	74	19	261	88	998	172	1	1171

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

Includes Trainees who started training /finished training/admitted to Fellowship in the middle of the year.

TABLE SET.14 – Active SET Trainees by age and specialty^{a,b}

Age group		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017
<35	Male	22	145	24	127	29	10	29	46	23	455
	Female	5	75	6	21	13	9	16	16	7	168
	Total	27	220	30	148	42	19	45	62	30	623
35 – 39	Male	6	95	10	91	26	3	28	24	10	293
	Female	3	64	5	9	11	6	12	9	3	122
	Total	9	159	15	100	37	9	40	33	13	415
40 – 44	Male	2	33	2	29	2	1	11	5	1	86
	Female	0	12	1	3	4	1	2	0	1	24
	Total	2	45	3	32	6	2	13	5	2	110
45 – 49	Male	1	4	0	3	1	0	1	2	1	13
	Female	0	4	0	0	0	1	0	0	0	5
	Total	1	8	0	3	1	1	1	2	1	18
50 – 54	Male	2	2	0	0	0	0	0	0	1	5
	Female	0	0	0	0	0	0	0	0	0	0
	Total	2	2	0	0	0	0	0	0	1	5
55+	Male	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0
Total	Male	33	279	36	250	58	14	69	77	36	852
	Female	8	155	12	33	28	17	30	25	11	319
	Total	41	434	48	283	86	31	99	102	47	1171

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

^b Includes Trainees who started training /finished training/admitted to Fellowship in the middle of the year.

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
1 Year	Male	4	57	3	29	17	4	32	13	159	36	0	195	159	
	Female	1	13	1	11	3	1	10	7	47	8	0	55	68	
	Total	5	70	4	40	20	5	42	20	206	44	0	250	227	10.1
2 Years	Male	2	41	2	24	11	3	36	13	132	22	0	154	141	
	Female	2	20	1	4	3	3	18	3	54	16	0	70	48	
	Total	4	61	3	28	14	6	54	16	186	38	0	224	189	18.5
3 Years	Male	1	40	1	17	6	3	29	14	111	24	0	135	162	
	Female	0	15	1	6	3	1	8	3	37	6	0	43	68	
	Total	1	55	2	23	9	4	37	17	148	30	0	178	230	-22.6
4 Years	Male	2	49	0	24	10	1	39	13	138	25	0	163	163	
	Female	0	15	0	16	3	1	19	4	58	5	0	63	53	
	Total	2	64	0	40	13	2	58	17	196	30	0	226	216	4.6
5 Years	Male	2	49	1	29	7	2	38	13	141	17	1	159	164	
	Female	3	15	0	7	5	0	12	2	44	6	0	50	66	
	Total	5	64	1	36	12	2	50	15	185	23	1	209	230	-9.1
≥ 6 Years	Male	0	20	0	5	2	0	12	2	41	5	0	46	48	
	Female	0	15	0	8	4	0	8	1	36	2	0	38	23	
	Total	0	35	0	13	6	0	20	3	77	7	0	84	71	18.3
Total	Male	11	256	7	128	53	13	186	68	722	129	1	852	837	
	Female	6	93	3	52	21	6	75	20	276	43	0	319	326	
	Total	17	349	10	180	74	19	261	88	998	172	1	1171	1163	0.7

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

^b Includes Trainees who started training /finished training/admitted to Fellowship in the middle of the year.

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
1 Year	Male	0	2	0	0	1	0	2	0	5	1	0	6	6	
	Female	0	1	0	0	0	0	0	0	1	0	0	1	3	
	Total	0	3	0	0	1	0	2	0	6	1	0	7	9	-22.2
2 Years	Male	0	1	0	3	0	1	0	1	6	0	0	6	5	
	Female	0	0	0	0	0	0	1	1	2	0	0	2	2	
	Total	0	1	0	3	0	1	1	2	8	0	0	8	7	14.3
3 Years	Male	0	1	0	0	0	0	3	0	4	0	0	4	3	
	Female	0	0	0	0	1	0	0	0	1	1	0	2	2	
	Total	0	1	0	0	1	0	3	0	5	1	0	6	5	20.0
4 Years	Male	0	2	0	0	0	0	0	0	2	1	0	3	11	
	Female	0	0	0	0	0	0	1	0	1	1	0	2	1	
	Total	0	2	0	0	0	0	1	0	3	2	0	5	12	-58.3
5 Years	Male	0	2	0	2	0	0	4	0	8	1	1	10	3	
	Female	0	0	0	0	0	0	1	0	1	0	0	1	1	
	Total	0	2	0	2	0	0	5	0	9	1	1	11	4	175.0
≥ 6 Years	Male	0	2	0	0	1	0	0	0	3	1	0	4	2	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total	0	2	0	0	1	0	0	0	3	1	0	4	2	100.0
Total	Male	0	10	0	5	2	1	9	1	28	4	1	33	30	
	Female	0	1	0	0	1	0	3	1	6	2	0	8	9	
	Total	0	11	0	5	3	1	12	2	34	6	1	41	39	5.1

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
1 Year	Male	1	20	3	8	7	3	8	5	55	12	0	67	43	
	Female	0	9	1	3	2	1	8	2	26	5	0	31	35	
	Total	1	29	4	11	9	4	16	7	81	17	0	98	78	25.6
2 Years	Male	1	9	1	7	0	1	15	2	36	4	0	40	42	
	Female	1	15	0	1	1	1	9	1	29	7	0	36	17	
	Total	2	24	1	8	1	2	24	3	65	11	0	76	59	28.8
3 Years	Male	1	10	1	7	1	2	7	6	35	7	0	42	72	
	Female	0	6	1	2	0	0	2	0	11	3	0	14	37	
	Total	1	16	2	9	1	2	9	6	46	10	0	56	109	-48.6
4 Years	Male	0	21	0	11	4	0	17	7	60	9	0	69	49	
	Female	0	9	0	10	3	0	12	2	36	2	0	38	29	
	Total	0	30	0	21	7	0	29	9	96	11	0	107	78	37.2
5 Years	Male	0	17	0	10	1	0	10	3	41	5	0	46	58	
	Female	2	10	0	3	2	0	6	0	23	2	0	25	26	
	Total	2	27	0	13	3	0	16	3	64	7	0	71	84	-15.5
≥ 6 Years	Male	0	8	0	1	1	0	3	2	15	0	0	15	14	
	Female	0	4	0	3	1	0	3	0	11	0	0	11	11	
	Total	0	12	0	4	2	0	6	2	26	0	0	26	25	4.0
Total	Male	3	85	5	44	14	6	60	25	242	37	0	279	278	
	Female	3	53	2	22	9	2	40	5	136	19	0	155	155	
	Total	6	138	7	66	23	8	100	30	378	56	0	434	433	0.2

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
1 Year	Male	1	5	0	1	0	0	1	1	9	1	0	10	10	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	1	
	Total	1	5	0	1	0	0	1	1	9	1	0	10	11	-9.1
2 Years	Male	1	2	0	0	1	0	3	1	8	2	0	10	5	
	Female	0	0	0	0	0	0	0	0	0	1	0	1	3	
	Total	1	2	0	0	1	0	3	1	8	3	0	11	8	37.5
3 Years	Male	0	1	0	1	0	0	2	0	4	1	0	5	4	
	Female	0	1	0	1	0	0	1	0	3	0	0	3	2	
	Total	0	2	0	2	0	0	3	0	7	1	0	8	6	33.3
4 Years	Male	0	1	0	2	1	0	2	0	6	0	0	6	2	
	Female	0	1	0	0	0	1	0	0	2	0	0	2	2	
	Total	0	2	0	2	1	1	2	0	8	0	0	8	4	100.0
5 Years	Male	0	1	0	0	0	0	2	0	3	0	0	3	3	
	Female	0	1	0	1	0	0	0	0	2	0	0	2	4	
	Total	0	2	0	1	0	0	2	0	5	0	0	5	7	-28.6
≥ 6 Years	Male	0	2	0	0	0	0	0	0	2	0	0	2	9	
	Female	0	3	0	1	0	0	0	0	4	0	0	4	1	
	Total	0	5	0	1	0	0	0	0	6	0	0	6	10	-40.0
Total	Male	2	12	0	4	2	0	10	2	32	4	0	36	33	
	Female	0	6	0	3	0	1	1	0	11	1	0	12	13	
	Total	2	18	0	7	2	1	11	2	43	5	0	48	46	4.3

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
1 Year	Male	1	13	0	12	3	0	12	4	45	10	0	55	48	
	Female	0	1	0	0	1	0	0	1	3	0	0	3	11	
	Total	1	14	0	12	4	0	12	5	48	10	0	58	59	-1.7
2 Years	Male	0	14	0	8	4	0	8	6	40	7	0	47	60	
	Female	0	1	0	1	1	1	5	0	9	3	0	12	7	
	Total	0	15	0	9	5	1	13	6	49	10	0	59	67	-11.9
3 Years	Male	0	23	0	7	3	1	11	6	51	7	0	58	37	
	Female	0	3	0	0	1	1	2	0	7	0	0	7	6	
	Total	0	26	0	7	4	2	13	6	58	7	0	65	43	51.2
4 Years	Male	2	8	0	5	3	1	9	2	30	9	0	39	47	
	Female	0	0	0	2	0	0	1	0	3	1	0	4	4	
	Total	2	8	0	7	3	1	10	2	33	10	0	43	51	-15.7
5 Years	Male	2	15	1	8	2	2	6	5	41	8	0	49	50	
	Female	1	0	0	0	1	0	1	0	3	2	0	5	7	
	Total	3	15	1	8	3	2	7	5	44	10	0	54	57	-5.3
≥ 6 Years	Male	0	1	0	0	0	0	0	0	1	1	0	2	3	
	Female	0	0	0	1	0	0	1	0	2	0	0	2	0	
	Total	0	1	0	1	0	0	1	0	3	1	0	4	3	33.3
Total	Male	5	74	1	40	15	4	46	23	208	42	0	250	245	
	Female	1	5	0	4	4	2	10	1	27	6	0	33	35	
	Total	6	79	1	44	19	6	56	24	235	48	0	283	280	1.1

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

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
1 Year	Male	1	5	0	3	2	0	0	1	12	3	0	15	8	
	Female	1	0	0	2	0	0	0	0	3	0	0	3	3	
	Total	2	5	0	5	2	0	0	1	15	3	0	18	11	63.6
2 Years	Male	0	1	0	0	1	0	3	1	6	2	0	8	9	
	Female	1	0	1	0	1	0	0	0	3	0	0	3	7	
	Total	1	1	1	0	2	0	3	1	9	2	0	11	16	-31.3
3 Years	Male	0	2	0	1	1	0	1	0	5	3	0	8	14	
	Female	0	3	0	1	0	0	0	2	6	1	0	7	8	
	Total	0	5	0	2	1	0	1	2	11	4	0	15	22	-31.8
4 Years	Male	0	7	0	3	0	0	2	1	13	1	0	14	11	
	Female	0	1	0	2	0	0	2	1	6	0	0	6	4	
	Total	0	8	0	5	0	0	4	2	19	1	0	20	15	33.3
5 Years	Male	0	2	0	3	0	0	5	0	10	1	0	11	11	
	Female	0	0	0	0	0	0	2	1	3	1	0	4	8	
	Total	0	2	0	3	0	0	7	1	13	2	0	15	19	-21.1
≥ 6 Years	Male	0	0	0	0	0	0	0	0	0	2	0	2	2	
	Female	0	1	0	1	2	0	1	0	5	0	0	5	3	
	Total	0	1	0	1	2	0	1	0	5	2	0	7	5	40.0
Total	Male	1	17	0	10	4	0	11	3	46	12	0	58	55	
	Female	2	5	1	6	3	0	5	4	26	2	0	28	33	
	Total	3	22	1	16	7	0	16	7	72	14	0	86	88	-2.3

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
1 Year	Male	0	0	0	1	1	1	0	0	3	2	0	5	2	
	Female	0	0	0	2	0	0	0	0	2	1	0	3	4	
	Total	0	0	0	3	1	1	0	0	5	3	0	8	6	33.3
2 Years	Male	0	1	1	0	0	0	0	0	2	0	0	2	4	
	Female	0	2	0	0	0	0	1	0	3	2	0	5	2	
	Total	0	3	1	0	0	0	1	0	5	2	0	7	6	16.7
3 Years	Male	0	0	0	0	1	0	0	0	1	2	0	3	1	
	Female	0	0	0	1	0	0	0	1	2	0	0	2	2	
	Total	0	0	0	1	1	0	0	1	3	2	0	5	3	66.7
4 Years	Male	0	0	0	0	0	0	1	0	1	0	0	1	4	
	Female	0	0	0	0	0	0	1	0	1	0	0	1	2	
	Total	0	0	0	0	0	0	2	0	2	0	0	2	6	-66.7
5 Years	Male	0	0	0	0	0	0	2	0	2	1	0	3	0	
	Female	0	0	0	1	0	0	0	0	1	0	0	1	4	
	Total	0	0	0	1	0	0	2	0	3	1	0	4	4	0.0
≥ 6 Years	Male	0	0	0	0	0	0	0	0	0	0	0	0	2	
	Female	0	4	0	0	0	0	1	0	5	0	0	5	4	
	Total	0	4	0	0	0	0	1	0	5	0	0	5	6	-16.7
Total	Male	0	1	1	1	2	1	3	0	9	5	0	14	13	
	Female	0	6	0	4	0	0	3	1	14	3	0	17	18	
	Total	0	7	1	5	2	1	6	1	23	8	0	31	31	0.0

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
1 Year	Male	0	3	0	1	2	0	4	1	11	4	0	15	15	
	Female	0	1	0	2	0	0	1	3	7	0	0	7	7	
	Total	0	4	0	3	2	0	5	4	18	4	0	22	22	0.0
2 Years	Male	0	5	0	2	3	0	3	1	14	1	0	15	11	
	Female	0	0	0	1	0	1	2	0	4	2	0	6	4	
	Total	0	5	0	3	3	1	5	1	18	3	0	21	15	40.0
3 Years	Male	0	1	0	0	0	0	5	2	8	2	0	10	8	
	Female	0	1	0	1	0	0	0	0	2	1	0	3	6	
	Total	0	2	0	1	0	0	5	2	10	3	0	13	14	-7.1
4 Years	Male	0	3	0	1	0	0	2	1	7	1	0	8	14	
	Female	0	3	0	2	0	0	0	0	5	0	0	5	5	
	Total	0	6	0	3	0	0	2	1	12	1	0	13	19	-31.6
5 Years	Male	0	5	0	1	2	0	4	5	17	1	0	18	16	
	Female	0	2	0	0	1	0	2	0	5	1	0	6	9	
	Total	0	7	0	1	3	0	6	5	22	2	0	24	25	-4.0
≥ 6 Years	Male	0	2	0	0	0	0	1	0	3	0	0	3	1	
	Female	0	0	0	0	1	0	1	1	3	0	0	3	0	
	Total	0	2	0	0	1	0	2	1	6	0	0	6	1	500.0
Total	Male	0	19	0	5	7	0	19	10	60	9	0	69	65	
	Female	0	7	0	6	2	1	6	4	26	4	0	30	31	
	Total	0	26	0	11	9	1	25	14	86	13	0	99	96	3.1

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
1 Year	Male	0	5	0	2	1	0	3	1	12	3	0	15	20	
	Female	0	1	0	2	0	0	1	0	4	1	0	5	3	
	Total	0	6	0	4	1	0	4	1	16	4	0	20	23	-13.0
2 Years	Male	0	7	0	4	1	1	1	1	15	4	0	19	1	
	Female	0	1	0	0	0	0	0	1	2	0	0	2	2	
	Total	0	8	0	4	1	1	1	2	17	4	0	21	3	600.0
3 Years	Male	0	0	0	1	0	0	0	0	1	0	0	1	11	
	Female	0	0	0	0	0	0	2	0	2	0	0	2	4	
	Total	0	0	0	1	0	0	2	0	3	0	0	3	15	-80.0
4 Years	Male	0	2	0	2	1	0	3	1	9	2	0	11	15	
	Female	0	1	0	0	0	0	1	1	3	1	0	4	5	
	Total	0	3	0	2	1	0	4	2	12	3	0	15	20	-25.0
5 Years	Male	0	5	0	4	1	0	5	0	15	0	0	15	20	
	Female	0	2	0	1	1	0	0	1	5	0	0	5	7	
	Total	0	7	0	5	2	0	5	1	20	0	0	20	27	-25.9
≥ 6 Years	Male	0	5	0	4	0	0	7	0	16	0	0	16	13	
	Female	0	2	0	2	0	0	1	0	5	2	0	7	3	
	Total	0	7	0	6	0	0	8	0	21	2	0	23	16	43.8
Total	Male	0	24	0	17	4	1	19	3	68	9	0	77	80	
	Female	0	7	0	5	1	0	5	3	21	4	0	25	24	
	Total	0	31	0	22	5	1	24	6	89	13	0	102	104	-1.9

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
1 Year	Male	0	4	0	1	0	0	2	0	7	0	0	7	7	
	Female	0	0	0	0	0	0	0	1	1	1	0	2	1	
	Total	0	4	0	1	0	0	2	1	8	1	0	9	8	12.5
2 Years	Male	0	1	0	0	1	0	3	0	5	2	0	7	4	
	Female	0	1	0	1	0	0	0	0	2	1	0	3	4	
	Total	0	2	0	1	1	0	3	0	7	3	0	10	8	25.0
3 Years	Male	0	2	0	0	0	0	0	0	2	2	0	4	12	
	Female	0	1	0	0	1	0	1	0	3	0	0	3	1	
	Total	0	3	0	0	1	0	1	0	5	2	0	7	13	-46.2
4 Years	Male	0	5	0	0	1	0	3	1	10	2	0	12	10	
	Female	0	0	0	0	0	0	1	0	1	0	0	1	1	
	Total	0	5	0	0	1	0	4	1	11	2	0	13	11	18.2
5 Years	Male	0	2	0	1	1	0	0	0	4	0	0	4	3	
	Female	0	0	0	1	0	0	0	0	1	0	0	1	0	
	Total	0	2	0	2	1	0	0	0	5	0	0	5	3	66.7
≥ 6 Years	Male	0	0	0	0	0	0	1	0	1	1	0	2	2	
	Female	0	1	0	0	0	0	0	0	1	0	0	1	1	
	Total	0	1	0	0	0	0	1	0	2	1	0	3	3	0.0
Total	Male	0	14	0	2	3	0	9	1	29	7	0	36	38	
	Female	0	3	0	2	1	0	2	1	9	2	0	11	8	
	Total	0	17	0	4	4	0	11	2	38	9	0	47	46	2.2

EXPLANATORY NOTES

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

Surgical Science Examinations – Generic and Speciality Specific

The Generic Surgical Science Examination (GSSE) comprises two components and is mandatory for all specialities. Numbers reflected in these reports are representative of all examination sittings held in Australia and New Zealand in 2017 (including all attempts). As passing the GSSE is now a requirement prior to applying to the SET program for all specialities, the number of new SET Trainees that have already passed the GSSE prior to commencing SET training is increasing. Conversely, the number of existing SET Trainees who will sit for the GSSE will decrease. The name change to Table EXAM.1 to include the term 'SET Trainees' highlights this change. The GSSE was conducted three times in 2017 for prevocational doctors and twice for SET Trainees.

All specialty specific examinations are presented in the one table and indicate all sittings and all attempts (Table EXAM.2). Held concurrently with the GSSE, the Specialty Specific Examination is conducted for Otolaryngology Head and Neck Surgery, Urology and Vascular Surgery. For Trainees commencing from 2014, the Board in General Surgery replaced the Specialty Specific Examination in General Surgery with Surgical Education and Assessment Modules (SEAM); SEAM is not reported by RACS. For Trainees commencing from 2016, the Board of Neurosurgery removed the specialty specific examination as a training requirement. The remaining speciality specific examinations are the Cardiothoracic Surgical Science and Principles (CSSP), Orthopaedic Principles and Basic Sciences (OPBS), Plastic and Reconstructive Surgical Sciences and Principles (PRSSP) and the Paediatric Anatomy and Embryology (PAE) and Paediatric Pathology and Pathophysiology (PPE) Examinations.

Clinical Examination

The Clinical Examination consists of 16 Objective Structured Clinical Examinations (OSCE) 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. For Trainees commencing from 2016, the Board of Neurosurgery removed the Clinical Examination as a requirement.

Fellowship Examinations (FEX)

Numbers reflected in the Fellowship Examination reports are representative of the exams held in Australia and New Zealand in May and September 2017 and reported with respect to:

- Individual sitting and annual pass rate
- Eventual pass rate by specialty (compares the number of candidates successfully completing the Fellowship Examinations within a 5 year period since first attempt; includes SET Trainees and IMGs)
- Annual Fellowship Examination pass rate by state and specialty – SET Trainees
- Annual Fellowship Examination pass rate by state and specialty – International Medical Graduates
- Cumulative attempts to pass the Fellowship Examination (all candidates presenting in 2017 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. The annual pass rate reports on the overall success of the candidate passing Fellowship Exam within the calendar year. Previous years Activities Reports have reported the individual pass rate attempts.

Table EXAM.8 reports the number of female and male candidates who present for the Fellowship Examinations. The numbers represented include SET Trainees and IMGs who sat and passed the FEX within the calendar year by specialty. Activities Reports from earlier years did not report this information.

DATA SUMMARY

Generic and Specialty Specific Surgical Science Examinations

The number of SET Trainees sitting the GSSE has decreased sharply from 2016, reflecting the policy change that requires prevocational doctors to pass the exam prior to applying to the SET program. The cumulative pass rate for the prevocational doctor cohort decreased from 70.9% in 2016 to 61.2% in 2017 (Table EXAM.10).

The 84.8% pass rate in the Specialty Specific Surgical Science Examination this year was an increase from the 75.3% pass rate in 2016.

Clinical Examination

The pass rate for the Clinical Examination was 79.3%, a decrease of 4.4%. Neurosurgery SET Trainees are not required to present for the Clinical Examination.

Fellowship Examination

The overall pass rate for the Fellowship Examination has decreased by 7.3% in 2017 compared to 2016 (Table EXAM.4). There was also a decrease in the total numbers both SET Trainees and IMGs sitting for the exam compared to 2016. The overall pass rate for SET Trainees continues to vary between specialties (Table EXAM.6).

The eventual Fellowship Examination pass rate for SET Trainees and IMGs continues to be consistent across the last four Trainee cohorts, with the last two cohorts reporting an eventual pass rate of more than 98% (Table EXAM.5). The eventual pass rate of the IMG cohort remains at a comparable level compared to the SET cohort.

The number of female candidates sitting for the Fellowship Examination increased from 77 candidates in 2016 to 93 candidates in 2017. By gender, the pass rate for female candidates increased by 2% but decreased for male candidates by 8% (Table EXAM.8).

Compared to 2016, the annual pass rate has decreased for first attempt and second attempts. The numbers take into consideration both SET Trainees and IMGs. The pass rate for General surgery at the first attempt decreased from 73% in 2016 to 67% in 2017, while for Orthopaedic Surgery the pass rate increased from 78% in 2016 to 88% in 2017 (Table EXAM.9).

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

TABLE EXAM.1 – SET Trainee pass rate of individual attempts (total sittings) at Generic Surgical Science Examination by specialty and location

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	% Pass
CAR	Sat	0	1	0	0	0	0	0	0	1	0	0	1	100.0
	Pass	0	1	0	0	0	0	0	0	1	0	0	1	
GEN	Sat	2	1	0	2	0	0	4	0	9	0	0	9	77.8
	Pass	1	0	0	2	0	0	4	0	7	0	0	7	
NEU	Sat	0	0	0	0	0	0	0	0	0	0	0	0	–
	Pass	0	0	0	0	0	0	0	0	0	0	0	0	
ORT	Sat	0	0	0	0	0	0	4	0	4	2	0	6	16.7
	Pass	0	0	0	0	0	0	1	0	1	0	0	1	
OTO	Sat	0	3	0	1	0	0	0	0	4	3	0	7	71.4
	Pass	0	1	0	1	0	0	0	0	2	3	0	5	
PAE	Sat	0	0	0	0	0	0	0	0	0	0	0	0	–
	Pass	0	0	0	0	0	0	0	0	0	0	0	0	
PLA	Sat	0	0	0	1	0	0	0	4	5	2	0	7	14.3
	Pass	0	0	0	0	0	0	0	0	0	1	0	1	
URO	Sat	0	0	0	0	0	0	0	0	0	0	0	0	–
	Pass	0	0	0	0	0	0	0	0	0	0	0	0	
VAS	Sat	0	0	0	0	0	0	1	0	1	0	0	1	100.0
	Pass	0	0	0	0	0	0	1	0	1	0	0	1	
Total	Sat	2	5	0	4	0	0	9	4	24	7	0	31	51.6
	Pass	1	2	0	3	0	0	6	0	12	4	0	16	
	% Pass	50.0	40.0	–	75.0	–	–	66.7	0.0	50.0	57.1	–	51.6	

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

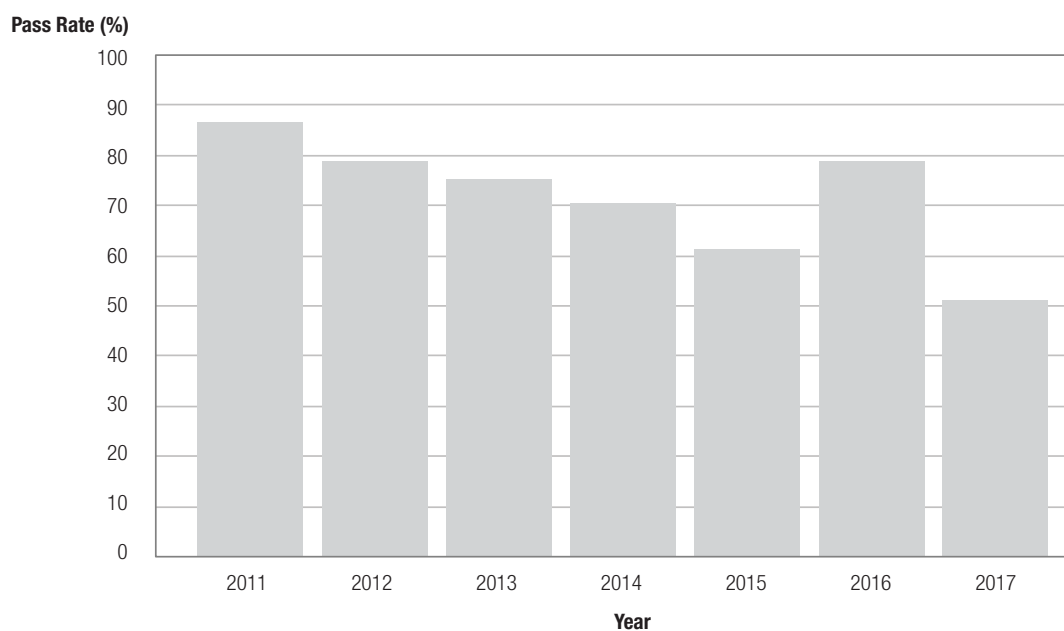
FIGURE EXAM.1 – Overall annual pass rate of individual attempts (total sittings) at Generic Surgical Science Examination (2010-2017)

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	% Pass
CAR (CSSP)	Sat	0	1	0	1	0	1	4	1	8	1	0	9	66.7
	Pass	0	0	0	1	0	0	3	1	5	1	0	6	
GEN	Sat	0	0	0	0	0	0	0	0	0	0	0	0	–
	Pass	0	0	0	0	0	0	0	0	0	0	0	0	
NEU	Sat	0	0	0	0	0	0	0	0	0	0	0	0	–
	Pass	0	0	0	0	0	0	0	0	0	0	0	0	
ORT (OPBS)	Sat	1	35	0	16	4	1	20	6	83	11	0	94	80.9
	Pass	1	26	0	15	4	0	16	3	65	11	0	76	
OTO	Sat	0	8	0	6	2	0	1	0	17	3	0	20	85.0
	Pass	0	7	0	4	2	0	1	0	14	3	0	17	
PAE (PAEE)	Sat	1	0	1	3	2	0	0	0	7	2	0	9	66.7
	Pass	0	0	1	2	2	0	0	0	5	1	0	6	
PAE (PPPE)	Sat	0	2	0	1	1	0	0	0	4	2	0	6	100.0
	Pass	0	2	0	1	1	0	0	0	4	2	0	6	
PLA (PRSSP)	Sat	0	3	0	4	3	0	10	0	20	5	0	25	92.0
	Pass	0	1	0	4	3	0	10	0	18	5	0	23	
URO	Sat	0	4	0	2	1	1	6	1	15	5	0	20	100.0
	Pass	0	4	0	2	1	1	6	1	15	5	0	20	
VAS	Sat	0	3	0	0	1	0	3	0	7	1	0	8	100.0
	Pass	0	3	0	0	1	0	3	0	7	1	0	8	
	Sat	2	56	1	33	14	3	44	8	161	30	0	191	
Total	Pass	1	43	1	29	14	1	39	5	133	29	0	162	84.8
	% Pass	50.0	76.8	100.0	87.9	100.0	33.3	88.6	62.5	82.6	96.7	–	84.8	

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

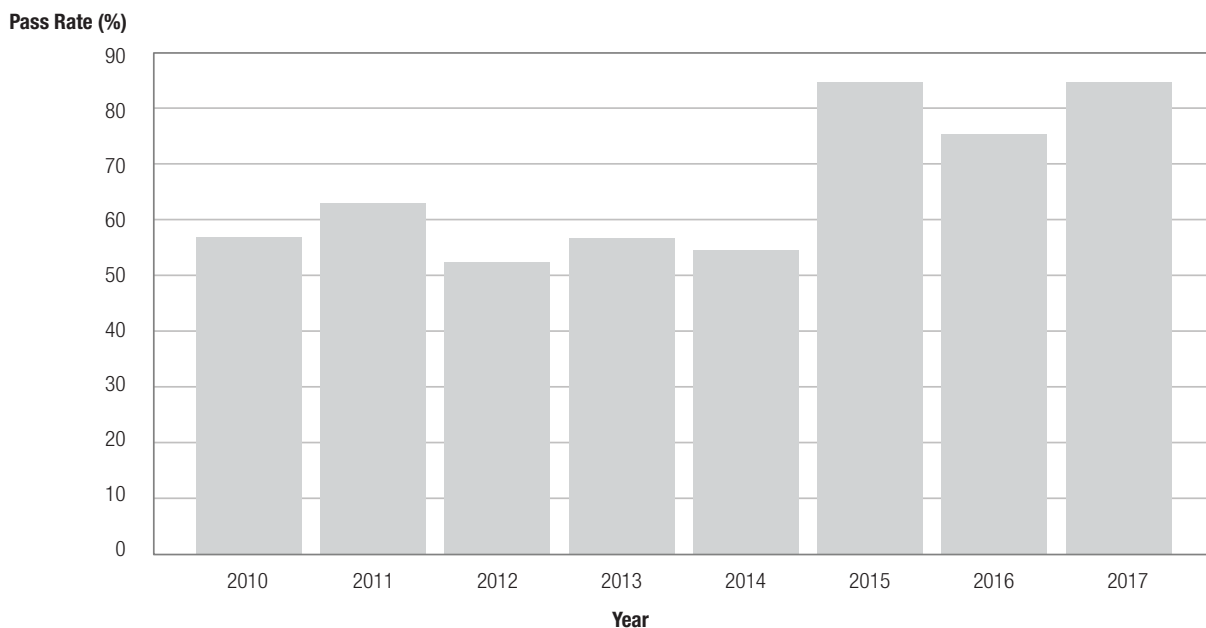
FIGURE EXAM.2 – Overall annual pass rate of individual attempts (total sittings) at Specialty Specific Surgical Science Examination (2010-2017)

TABLE EXAM.3 – Pass rate of individual attempts (total sittings) at Clinical Examination by specialty and location

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	% Pass
CAR	Sat	0	2	0	0	0	0	1	1	4	1	0	5	60.0
	Pass	0	2	0	0	0	0	0	0	2	1	0	3	
GEN	Sat	4	26	1	16	11	2	27	9	96	19	0	115	79.1
	Pass	2	22	1	15	9	1	20	6	76	15	0	91	
NEU	Sat	0	0	0	0	0	0	0	0	0	0	0	0	–
	Pass	0	0	0	0	0	0	0	0	0	0	0	0	
ORT	Sat	2	20	0	14	5	0	18	7	66	9	0	75	84.0
	Pass	1	16	0	13	4	0	16	6	56	7	0	63	
OTO	Sat	0	6	0	4	0	0	2	0	12	4	0	16	62.5
	Pass	0	5	0	2	0	0	1	0	8	2	0	10	
PAE	Sat	0	1	0	0	0	1	0	0	2	5	0	7	42.9
	Pass	0	0	0	0	0	0	0	0	0	3	0	3	
PLA	Sat	0	7	0	4	2	0	5	3	21	6	0	27	85.2
	Pass	0	6	0	3	1	0	5	2	17	6	0	23	
URO	Sat	1	7	0	3	0	1	4	0	16	5	0	21	85.7
	Pass	1	4	0	3	0	1	4	0	13	5	0	18	
VAS	Sat	0	1	0	1	2	1	3	0	8	1	0	9	77.8
	Pass	0	0	0	0	2	1	3	0	6	1	0	7	
Total	Sat	7	70	1	42	20	5	60	20	225	50	0	275	79.3
	Pass	4	55	1	36	16	3	49	14	178	40	0	218	
	% Pass	57.1	78.6	100.0	85.7	80.0	60.0	81.7	70.0	79.1	80.0	–	79.3	

FIGURE EXAM. 3 – Overall annual pass rate of individual attempts (total sittings) at Clinical Examination (2010-2017)

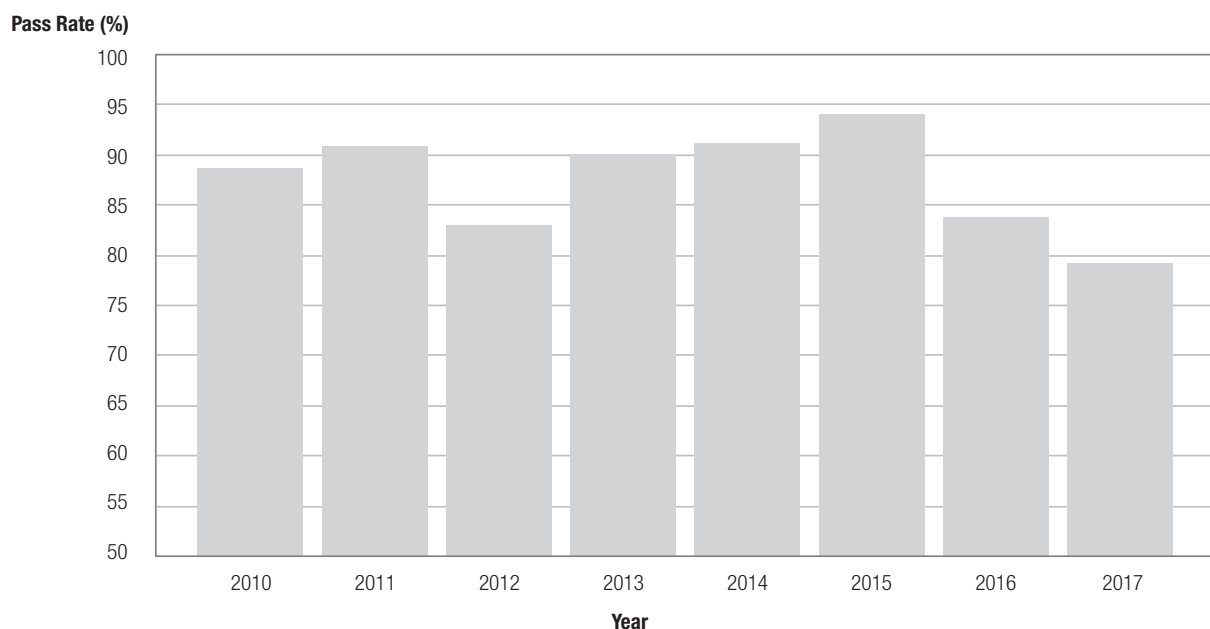


TABLE EXAM.4 – SET and IMG individual attempts and annual pass rate of Fellowship Examinations by specialty

	May (Total sittings)			September (Total sittings)			Pass rate (Total sittings) ^a			Annual Pass Rate ^b		
	Sat	Pass	%	Sat	Pass	%	Sat	Pass	%	Sat	Pass	%
CAR	6	3	50.0	5	2	40.0	11	5	45.5	8	5	62.5
GEN	79	53	67.1	39	23	59.0	118	76	64.4	95	76	80.0
NEU	4	4	100.0	3	3	100.0	7	7	100.0	7	7	100.0
ORT	62	47	75.8	22	10	45.5	84	57	67.9	70	57	81.4
OTO	18	11	61.1	7	3	42.9	25	14	56.0	21	14	66.7
PAE	2	1	50.0	2	0	0.0	4	1	25.0	3	1	33.3
PLA	22	14	63.6	12	6	50.0	34	20	58.8	26	20	76.9
URO	14	12	85.7	17	8	47.1	31	20	64.5	29	20	69.0
VAS	7	5	71.4	6	2	33.3	13	7	53.8	12	7	58.3
Total	214	150	70.1	113	57	50.4	327	207	63.3	271	207	76.4

^a Total sittings: records numbers of candidates; some candidates sit twice during a year.

^b Annual pass rate reports on the success rate of the individual candidates (over 1 or 2 sittings) passing Fellowship Exam in 2017.

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

This table compares the number of Trainees successfully completing the Fellowship Examination within a 5 year period since first attempt (including IMGs).

		2009			2014			2010			2015			2011			2016			2012			2017		
		Initially Sat	Eventual Pass	% Fellows	Initially Sat	Eventual Pass	% Fellows	Initially Sat	Eventual Pass	% Fellows	Initially Sat	Eventual Pass	% Fellows	Initially Sat	Eventual Pass	% Fellows	Initially Sat	Eventual Pass	% Fellows	Initially Sat	Eventual Pass	% Fellows	Initially Sat	Eventual Pass	% Fellows
CAR	Trainee	2	2	100.0	15	14	93.3	2	2	100.0	7	7	100.0	2	2	100.0	7	7	100.0	7	7	100.0	7	7	100.0
	IMG	2	2	100.0	2	2	100.0	0	0	–	2	2	100.0	0	0	–	2	2	100.0	2	2	100.0	2	2	100.0
GEN	Trainee	65	62	95.4	60	58	96.7	85	85	100.0	85	83	97.6	85	85	100.0	85	83	97.6	85	83	97.6	85	83	97.6
	IMG	16	16	100.0	8	6	75.0	7	5	71.4	7	6	85.7	7	5	71.4	7	6	85.7	7	6	85.7	7	6	85.7
NEU	Trainee	8	8	100.0	9	8	88.9	4	4	100.0	10	10	100.0	4	4	100.0	10	10	100.0	10	10	100.0	10	10	100.0
	IMG	3	3	100.0	2	2	100.0	3	3	100.0	1	1	100.0	3	3	100.0	1	1	100.0	1	1	100.0	1	1	100.0
ORT	Trainee	57	57	100.0	61	61	100.0	56	55	98.2	56	54	96.4	56	55	98.2	56	54	96.4	56	54	96.4	56	54	96.4
	IMG	6	5	83.3	8	7	87.5	5	5	100.0	6	6	100.0	5	5	100.0	6	6	100.0	6	6	100.0	6	6	100.0
OTO	Trainee	18	17	94.4	23	22	95.7	16	16	100.0	20	20	100.0	16	16	100.0	20	20	100.0	20	20	100.0	20	20	100.0
	IMG	3	3	100.0	4	3	75.0	1	1	100.0	2	1	50.0	1	1	100.0	2	1	50.0	2	1	50.0	2	1	50.0
PAE	Trainee	3	3	100.0	4	4	100.0	4	4	100.0	3	3	100.0	4	4	100.0	3	3	100.0	3	3	100.0	3	3	100.0
	IMG	1	1	100.0	1	1	100.0	2	1	50.0	0	0	–	2	1	50.0	0	0	–	0	0	–	0	0	–
PLA	Trainee	15	15	100.0	21	19	90.5	26	26	100.0	13	13	100.0	26	26	100.0	13	13	100.0	13	13	100.0	13	13	100.0
	IMG	2	1	50.0	1	1	100.0	1	1	100.0	3	2	66.7	1	1	100.0	3	2	66.7	3	2	66.7	3	2	66.7
URO	Trainee	19	19	100.0	20	19	95.0	19	19	100.0	22	22	100.0	19	19	100.0	22	22	100.0	22	22	100.0	22	22	100.0
	IMG	0	0	0.0	6	6	100.0	2	2	100.0	2	2	100.0	2	2	100.0	2	2	100.0	2	2	100.0	2	2	100.0
VAS	Trainee	11	11	100.0	9	9	100.0	8	8	100.0	7	7	100.0	8	8	100.0	7	7	100.0	7	7	100.0	7	7	100.0
	IMG	1	1	100.0	1	1	100.0	0	0	–	0	0	–	0	0	–	0	0	–	0	0	–	0	0	–
Total	Trainee	198	194	98.0	222	214	96.4	220	219	99.5	223	219	98.2	220	219	99.5	223	219	98.2	223	219	98.2	223	219	98.2
	IMG	34	32	94.1	33	29	87.9	21	18	85.7	23	20	87.0	21	18	85.7	23	20	87.0	23	20	87.0	23	20	87.0

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 Total	NZ	O/S	Total 2017	% Pass
CAR	Sat	0	5	0	1	0	0	2	0	8	1	0	9	44.4
	Pass	0	2	0	1	0	0	0	0	3	1	0	4	
GEN	Sat	0	41	0	21	6	0	23	6	97	12	0	109	67.9
	Pass	0	25	0	14	3	0	18	5	65	9	0	74	
NEU	Sat	1	4	0	1	0	0	0	0	6	0	0	6	100.0
	Pass	1	4	0	1	0	0	0	0	6	0	0	6	
ORT	Sat	3	13	0	9	5	0	13	6	49	15	0	64	79.7
	Pass	1	12	0	9	3	0	11	5	41	10	0	51	
OTO	Sat	1	2	0	5	0	0	7	1	16	7	0	23	60.9
	Pass	1	1	0	4	0	0	5	1	12	2	0	14	
PAE	Sat	0	3	0	0	0	0	1	0	4	0	0	4	25.0
	Pass	0	0	0	0	0	0	1	0	1	0	0	1	
PLA	Sat	0	12	0	1	4	0	7	3	27	3	1	31	64.5
	Pass	0	6	0	1	3	0	5	1	16	3	1	20	
URO	Sat	0	10	0	4	1	0	8	1	24	2	0	26	65.4
	Pass	0	7	0	2	1	0	5	1	16	1	0	17	
VAS	Sat	1	3	0	1	1	0	1	0	7	3	0	10	50.0
	Pass	0	1	0	1	1	0	1	0	4	1	0	5	
Total	Sat	6	93	0	43	17	0	62	17	238	43	1	282	68.1
	Pass	3	58	0	33	11	0	46	13	164	27	1	192	
	% Pass	50.0	62.4	–	76.7	64.7	–	74.2	76.5	68.9	62.8	–	68.1	

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	% Pass
CAR	Sat	0	0	0	2	0	0	0	0	2	0	0	2	50.0
	Pass	0	0	0	1	0	0	0	0	1	0	0	1	
GEN	Sat	0	2	2	2	1	0	1	1	9	0	0	9	–
	Pass	0	0	0	1	0	0	1	0	2	0	0	2	
NEU	Sat	0	1	0	0	0	0	0	0	1	0	0	1	–
	Pass	0	1	0	0	0	0	0	0	1	0	0	1	
ORT	Sat	0	4	0	6	1	0	6	3	20	0	0	20	30.0
	Pass	0	0	0	2	0	0	3	1	6	0	0	6	
OTO	Sat	0	0	0	0	0	0	2	0	2	0	0	2	0.0
	Pass	0	0	0	0	0	0	0	0	0	0	0	0	
PAE	Sat	0	0	0	0	0	0	0	0	0	0	0	0	–
	Pass	0	0	0	0	0	0	0	0	0	0	0	0	
PLA	Sat	0	2	0	0	0	0	0	1	3	0	0	3	0.0
	Pass	0	0	0	0	0	0	0	0	0	0	0	0	
URO	Sat	0	0	0	1	0	1	3	0	5	0	0	5	60.0
	Pass	0	0	0	1	0	1	1	0	3	0	0	3	
VAS	Sat	0	0	0	2	0	0	0	1	3	0	0	3	66.7
	Pass	0	0	0	1	0	0	0	1	2	0	0	2	
Total	Sat	0	9	2	13	2	1	12	6	45	0	0	45	33.3
	Pass	0	1	0	6	0	1	5	2	15	0	0	15	
	% Pass	–	11.1	0.0	46.2	0.0	100.0	41.7	33.3	33.3	–	–	33.3	

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

		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017	% Pass
Female	Sat	0	45	4	6	11	4	13	8	2	93	65.6
	Pass	0	29	4	6	6	1	9	6	0	61	
Male	Sat	11	73	3	78	14	0	21	23	11	234	62.4
	Pass	5	47	3	51	8	0	11	14	7	146	
Total	Sat	11	118	7	84	25	4	34	31	13	327	63.3
	Pass	5	76	7	57	14	1	20	20	7	207	
	% Pass	45.5	64.4	100.0	67.9	56.0	25.0	58.8	64.5	53.8	63.3	

TABLE EXAM.9 – SET Trainees and IMGs cumulative attempts to pass Fellowship Examination by specialty for candidates presenting in 2017

Attempt Number		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017	Total 2016
1	Sat	7	85	4	57	16	3	20	23	11	226	253
	Pass	3	57	4	50	10	1	13	13	7	158	189
	% pass	43	67	100	88	63	33	65	57	64	70	75
2	Sat	4	28	1	7	4	1	8	5	1	59	70
	Pass	2	18	1	3	2	0	4	4	0	34	49
	% pass	50	64	100	43	50	0	50	80	0	58	70
3	Sat	0	2	1	7	2	0	4	2	1	19	28
	Pass	0	1	1	0	1	0	2	2	0	7	15
	% pass	–	50	100	0	50	–	50	100	0	37	54
4	Sat	0	1	0	8	1	0	1	1	0	12	15
	Pass	0	0	0	2	1	0	0	1	0	4	8
	% pass	–	0	–	25	100	–	0	100	–	33	53
5	Sat	0	1	0	4	0	0	1	0	0	6	7
	Pass	0	0	0	1	0	0	1	0	0	2	0
	% pass	–	0	–	25	–	–	100	–	–	33	0
6	Sat	0	1	1	0	1	0	0	0	0	3	2
	Pass	0	0	1	0	0	0	0	0	0	1	0
	% pass	–	0	100	–	0	–	–	–	–	33	0
7	Sat	0	0	0	1	0	0	0	0	0	1	1
	Pass	0	0	0	1	0	0	0	0	0	1	0
	% pass	–	–	–	100	–	–	–	–	–	100	0
8	Sat	0	0	0	0	1	0	0	0	0	1	1
	Pass	0	0	0	0	0	0	0	0	0	0	0
	% pass	–	–	–	–	0	–	–	–	–	0	0
Total	Sat	11	118	7	84	25	4	34	31	13	327	378
	Pass	5	76	7	57	14	1	20	20	7	207	
	% pass	45.5	64.4	100.0	67.9	56.0	25.0	58.8	64.5	53.8	63.3	

FIGURE EXAM.4 –Overall Fellowship Examination pass rate of SET Trainees and IMGs (2010-2017)

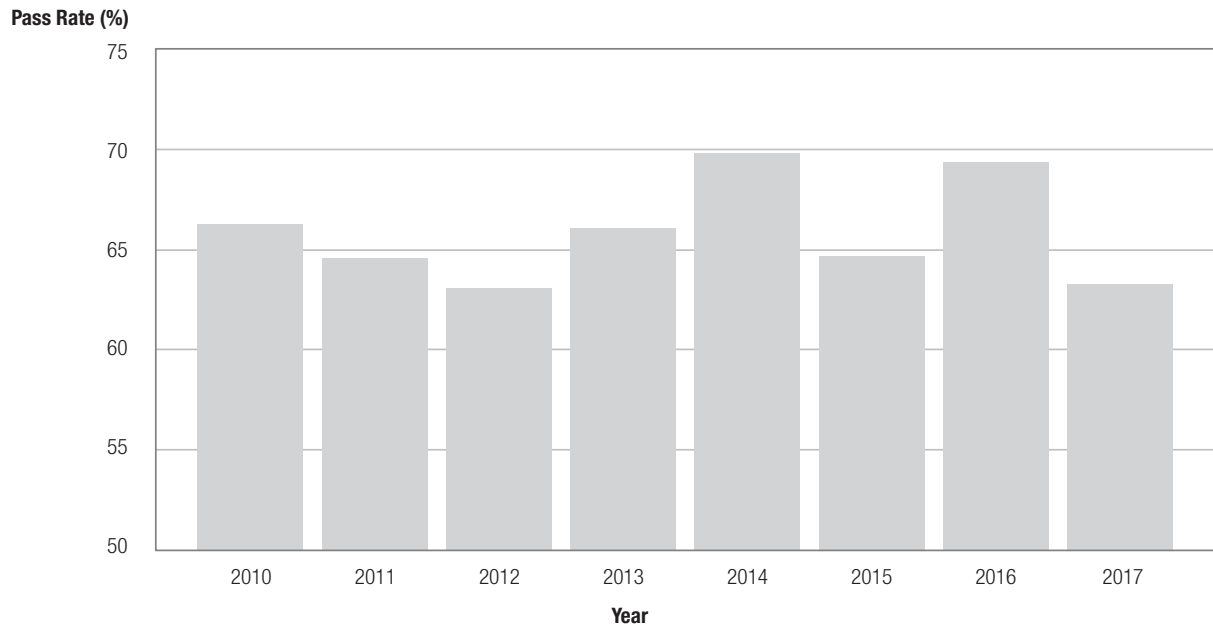


TABLE EXAM.10 – Non-SET cumulative attempts to pass Generic Surgical Science Examination by location

Attempt Number	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS TOTAL	NZ	O/S	Total 2017	
1	Sat	12	198	2	126	38	7	145	65	593	103	3	699
	Pass	11	142	2	94	23	4	96	37	409	89	2	500
	% pass	91.7	71.7	100.0	74.6	60.5	57.1	66.2	56.9	69.0	86.4	0.0	71.5
2	Sat	2	53	2	34	8	2	45	27	173	12	0	185
	Pass	1	23	1	19	3	1	17	11	76	6	0	82
	% pass	50.0	43.4	50.0	55.9	37.5	50.0	37.8	40.7	43.9	50.0	–	44.3
3	Sat	2	31	1	13	6	0	17	8	78	9	1	88
	Pass	0	11	0	9	4	0	6	3	33	2	0	35
	% pass	0.0	35.5	0.0	69.2	66.7	–	35.3	37.5	42.3	22.2	0.0	39.8
4	Sat	2	16	1	9	1	0	11	1	41	5	0	46
	Pass	0	1	1	1	1	0	4	0	8	2	0	10
	% pass	0.0	6.3	100.0	11.1	100.0	0.0	36.4	0.0	19.5	40.0	–	21.7
5	Sat	0	5	0	5	0	0	2	1	13	0	0	13
	Pass	0	0	0	4	0	0	1	1	6	0	0	6
	% pass	–	0.0	–	80.0	–	–	50.0	100.0	46.2	–	–	46.2
6	Sat	1	3	0	1	0	0	1	0	6	0	0	6
	Pass	1	2	0	0	0	0	0	0	3	0	0	3
	% pass	100.0	66.7	–	0.0	–	–	0.0	–	50.0	–	–	50.0
7	Sat	0	1	0	2	0	0	0	0	3	0	0	3
	Pass	0	0	0	1	0	0	0	0	1	0	0	1
	% pass	–	0.0	–	50.0	–	–	–	–	33.3	–	–	33.3
8	Sat	0	0	0	1	0	0	0	0	1	0	0	1
	Pass	0	0	0	0	0	0	0	0	0	0	0	0
	% pass	–	–	–	0.0	–	–	–	–	0.0	–	–	0
Total	Sat	19	307	6	191	53	9	221	102	908	129	4	1041
	Pass	13	179	4	128	31	5	124	52	536	99	2	637
	% pass	68.4	58.3	66.7	67.0	58.5	55.6	59.3	51.0	59.0	76.7	50.0	61.2

EXPLANATORY NOTES

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

DATA SUMMARY

In 2017, there were 7429 Fellows across Australia, New Zealand and overseas (Table WFD.1). Of these 5179 were active Fellows in Australia and 820 were active Fellows in New Zealand.

The number of admissions to RACS Fellowship was slightly lower in 2017 compared to the previous year, with 241 SET Trainees and International Medical Graduates obtaining Fellowship (Table WFD.11). Almost 22% of surgeons who achieved Fellowship through the SET pathway were female (Table WFD.9), while almost 21% of IMGs who obtained Fellowship were female (Table WFD.10). Female surgeons make up 12% of the active surgical workforce, with the number of female surgeons in active practice increasing by 7% in the last year (Table WFD.3).

The proportion of surgeons located in rural or regional areas remains steady. The specialties of General surgery (20%), Orthopaedic surgery (16%), and Urology (16%) have the largest proportion of Fellows working in rural and remote areas of Australia (Table WFD.6).

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
CAR	Male	6	65	0	42	15	4	60	18	210	34	32	276	276	0.0
	Female	0	5	0	2	0	0	7	1	15	3	0	18	17	5.9
	Total	6	70	0	44	15	4	67	19	225	37	32	294	293	0.3
GEN	Male	24	637	18	344	162	31	489	157	1862	279	172	2313	2273	1.8
	Female	4	96	3	51	26	6	87	24	297	43	21	361	335	7.8
	Total	28	733	21	395	188	37	576	181	2159	322	193	2674	2608	2.5
NEU	Male	7	79	0	47	18	8	62	21	242	23	32	297	289	2.8
	Female	1	8	0	8	5	1	8	1	32	1	1	34	33	3.0
	Total	8	87	0	55	23	9	70	22	274	24	33	331	322	2.8
ORT	Male	21	459	4	306	127	22	320	142	1401	278	65	1744	1714	1.8
	Female	3	16	0	11	5	0	17	3	55	16	2	73	66	10.6
	Total	24	475	4	317	132	22	337	145	1456	294	67	1817	1780	2.1
OTO	Male	12	154	2	97	46	6	113	45	475	84	28	587	579	1.4
	Female	1	24	0	10	5	2	22	3	67	18	4	89	82	8.5
	Total	13	178	2	107	51	8	135	48	542	102	32	676	661	2.3
PAE	Male	3	32	0	15	5	2	27	7	91	16	28	135	134	0.7
	Female	1	10	0	4	3	1	8	4	31	3	7	41	40	2.5
	Total	4	42	0	19	8	3	35	11	122	19	35	176	174	1.1
PLA	Male	4	128	2	62	44	11	134	49	434	60	18	512	503	1.8
	Female	0	15	0	14	8	1	26	6	70	13	8	91	83	9.6
	Total	4	143	2	76	52	12	160	55	504	73	26	603	586	2.9
URO	Male	7	143	1	96	34	12	121	39	453	66	28	547	531	3.0
	Female	0	12	0	7	3	0	17	7	46	7	2	55	52	5.8
	Total	7	155	1	103	37	12	138	46	499	73	30	602	583	3.3
VAS	Male	4	66	0	38	19	5	59	18	209	19	4	232	223	4.0
	Female	0	8	0	6	2	0	6	1	23	1	0	24	24	0.0
	Total	4	74	0	44	21	5	65	19	232	20	4	256	247	3.6
Sub Total	Male	88	1763	27	1047	470	101	1385	496	5377	859	407	6643	6522	1.9
	Female	10	194	3	113	57	11	198	50	636	105	45	786	732	7.4
	Total	98	1957	30	1160	527	112	1583	546	6013	964	452	7429	7254	2.4
OB & GYN	Male	0	6	0	1	0	0	14	0	21	0	1	22	23	-4.3
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Total	0	6	0	1	0	0	14	0	21	0	1	22	23	-4.3
OPH	Male	4	82	0	47	13	5	64	18	233	12	8	253	266	-4.9
	Female	0	14	1	2	2	0	13	1	33	2	0	35	36	-2.8
	Total	4	96	1	49	15	5	77	19	266	14	8	288	302	-4.6
Total	Male	92	1851	27	1095	483	106	1463	514	5631	871	416	6918	6811	1.6
	Female	10	208	4	115	59	11	211	51	669	107	45	821	768	6.9
	Total	102	2059	31	1210	542	117	1674	565	6300	978	461	7739	7579	2.1

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
CAR	Male	5	54	0	37	11	3	52	14	176	28	22	226	224	0.9
	Female	0	5	0	2	0	0	6	1	14	3	0	17	16	6.3
	Total	5	59	0	39	11	3	58	15	190	31	22	243	240	1.3
GEN	Male	20	492	17	266	122	22	388	120	1447	208	128	1783	1745	2.2
	Female	4	94	3	50	25	6	86	24	292	41	20	353	327	8.0
	Total	24	586	20	316	147	28	474	144	1739	249	148	2136	2072	3.1
NEU	Male	7	70	0	43	11	6	61	19	217	20	25	262	257	1.9
	Female	1	8	0	8	5	1	8	1	32	1	1	34	33	3.0
	Total	8	78	0	51	16	7	69	20	249	21	26	296	290	2.1
ORT	Male	20	424	3	288	114	21	296	127	1293	252	49	1594	1561	2.1
	Female	3	16	0	11	5	0	17	3	55	15	2	72	65	10.8
	Total	23	440	3	299	119	21	313	130	1348	267	51	1666	1626	2.5
OTO	Male	8	129	2	83	40	6	97	38	403	76	22	501	492	1.8
	Female	1	24	0	10	5	2	22	3	67	18	4	89	82	8.5
	Total	9	153	2	93	45	8	119	41	470	94	26	590	574	2.8
PAE	Male	2	25	0	11	4	2	16	5	65	13	19	97	96	1.0
	Female	1	10	0	3	3	0	7	4	28	3	5	36	36	0.0
	Total	3	35	0	14	7	2	23	9	93	16	24	133	132	0.8
PLA	Male	3	113	2	52	37	9	124	40	380	51	16	447	443	0.9
	Female	0	14	0	13	7	1	26	6	67	13	8	88	82	7.3
	Total	3	127	2	65	44	10	150	46	447	64	24	535	525	1.9
URO	Male	6	123	1	82	28	12	107	33	392	53	22	467	454	2.9
	Female	0	12	0	7	3	0	17	7	46	7	2	55	52	5.8
	Total	6	135	1	89	31	12	124	40	438	60	24	522	506	3.2
VAS	Male	4	61	0	33	16	4	50	14	182	17	3	202	192	5.2
	Female	0	8	0	6	2	0	6	1	23	1	0	24	24	0.0
	Total	4	69	0	39	18	4	56	15	205	18	3	226	216	4.6
Sub Total	Male	75	1491	25	895	383	85	1191	410	4555	718	306	5579	5464	2.1
	Female	10	191	3	110	55	10	195	50	624	102	42	768	717	7.1
	Total	85	1682	28	1005	438	95	1386	460	5179	820	348	6347	6181	2.7
OB & GYN	Male	0	1	0	0	0	0	0	0	1	0	0	1	2	-50.0
	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	2	-50.0
OPH	Male	2	67	0	32	10	3	53	11	178	6	5	189	201	-6.0
	Female	0	13	1	1	2	0	13	1	31	2	0	33	34	-2.9
	Total	2	80	1	33	12	3	66	12	209	8	5	222	235	-5.5
Total	Male	77	1559	25	927	393	88	1244	421	4734	724	311	5769	5667	1.8
	Female	10	204	4	111	57	10	208	51	655	104	42	801	751	6.7
	Total	87	1763	29	1038	450	98	1452	472	5389	828	353	6570	6418	2.4

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

Age group (years)		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017	Total 2016	% Change 16/17
<35	Male	2	50	1	20	11	2	51	7	144	32	12	188	190	-1.1
	Female	1	19	1	10	2	2	25	1	61	5	6	72	80	-10.0
	Total	3	69	2	30	13	4	76	8	205	37	18	260	270	-3.7
35-39	Male	6	114	1	76	33	5	116	35	386	59	27	472	488	-3.3
	Female	0	39	0	25	11	0	40	13	128	22	6	156	144	8.3
	Total	6	153	1	101	44	5	156	48	514	81	33	628	632	-0.6
40-44	Male	9	243	3	163	58	9	201	73	759	83	40	882	886	-0.5
	Female	3	55	1	30	12	1	39	11	152	28	13	193	180	7.2
	Total	12	298	4	193	70	10	240	84	911	111	53	1075	1066	0.8
45-49	Male	19	234	5	169	64	16	179	87	773	115	34	922	869	6.1
	Female	4	31	1	20	13	4	35	12	120	17	6	143	125	14.4
	Total	23	265	6	189	77	20	214	99	893	132	40	1065	994	7.1
50-54	Male	10	206	6	130	49	8	150	50	609	110	29	748	745	0.4
	Female	1	22	0	13	7	1	23	8	75	13	2	90	82	9.8
	Total	11	228	6	143	56	9	173	58	684	123	31	838	827	1.3
55-59	Male	10	150	2	126	42	13	119	51	513	108	43	664	647	2.6
	Female	1	14	0	8	6	0	20	4	53	12	7	72	72	0.0
	Total	11	164	2	134	48	13	139	55	566	120	50	736	719	2.4
60-64	Male	10	139	3	77	38	13	101	56	437	95	39	571	537	6.3
	Female	0	8	0	3	3	2	9	1	26	3	1	30	21	42.9
	Total	10	147	3	80	41	15	110	57	463	98	40	601	558	7.7
65-69	Male	5	113	2	59	31	9	100	17	336	57	35	428	456	-6.1
	Female	0	0	0	0	1	0	2	0	3	2	0	5	4	25.0
	Total	5	113	2	59	32	9	102	17	339	59	35	433	460	-5.9
70+	Male	4	242	2	75	57	10	174	34	598	59	47	704	646	9.0
	Female	0	3	0	1	0	0	2	0	6	0	1	7	9	-22.2
	Total	4	245	2	76	57	10	176	34	604	59	48	711	655	8.5
Total	Male	75	1491	25	895	383	85	1191	410	4555	718	306	5579	5464	2.1
	Female	10	191	3	110	55	10	195	50	624	102	42	768	717	7.1
	Total	85	1682	28	1005	438	95	1386	460	5179	820	348	6347	6181	2.7
% of active Fellows under 55 years															
%	Male	61.3	56.8	64.0	62.3	56.1	47.1	58.5	61.5	58.6	55.6	46.4	57.6	58.2	-1.0
	Female	90.0	86.9	100.0	89.1	81.8	80.0	83.1	90.0	85.9	83.3	78.6	85.2	85.2	-0.1
	Total	64.7	60.2	67.9	65.3	59.4	50.5	62.0	64.6	61.9	59.0	50.3	60.9	61.3	-0.6

Note: Data excludes OB & GYN and OPH.

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

Age group (years)	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017	Total 2016	% Change 16/17	
<35	Male	2	60	4	39	8	1	10	10	10	144	148	-2.7
	Female	0	33	0	4	7	3	3	8	3	61	62	-1.6
	Total	2	93	4	43	15	4	13	18	13	205	210	-2.4
35-39	Male	10	121	12	121	32	2	26	46	16	386	410	-5.9
	Female	3	67	4	9	19	3	10	9	4	128	120	6.7
	Total	13	188	16	130	51	5	36	55	20	514	530	-3.0
40-44	Male	17	243	39	227	68	9	67	62	27	759	753	0.8
	Female	2	70	6	15	17	4	18	13	7	152	146	4.1
	Total	19	313	45	242	85	13	85	75	34	911	899	1.3
45-49	Male	33	204	48	230	72	10	67	77	32	773	729	6.0
	Female	4	59	11	8	10	3	13	9	3	120	106	13.2
	Total	37	263	59	238	82	13	80	86	35	893	835	6.9
50-54	Male	35	184	34	148	51	13	57	58	29	609	601	1.3
	Female	1	27	8	10	8	4	9	6	2	75	67	11.9
	Total	36	211	42	158	59	17	66	64	31	684	668	2.4
55-59	Male	25	141	24	175	33	7	49	45	14	513	491	4.5
	Female	3	22	1	5	5	8	6	1	2	53	54	-1.9
	Total	28	163	25	180	38	15	55	46	16	566	545	3.9
60-64	Male	22	138	19	122	42	11	30	37	16	437	416	5.0
	Female	0	11	1	4	1	2	5	0	2	26	17	52.9
	Total	22	149	20	126	43	13	35	37	18	463	433	6.9
65-69	Male	15	127	13	96	29	6	17	20	13	336	353	-4.8
	Female	1	1	0	0	0	0	1	0	0	3	3	0.0
	Total	16	128	13	96	29	6	18	20	13	339	356	-4.8
70+	Male	17	229	24	135	68	6	57	37	25	598	557	7.4
	Female	0	2	1	0	0	1	2	0	0	6	8	-25.0
	Total	17	231	25	135	68	7	59	37	25	604	565	6.9
Total	Male	176	1447	217	1293	403	65	380	392	182	4555	4458	2.2
	Female	14	292	32	55	67	28	67	46	23	624	583	7.0
	Total	190	1739	249	1348	470	93	447	438	205	5179	5041	2.7
% of active Fellows under 55 years													
%	Male	55.1	56.1	63.1	59.2	57.3	53.8	59.7	64.5	62.6	58.6	59.2	-1.0
	Female	71.4	87.7	90.6	83.6	91.0	60.7	79.1	97.8	82.6	85.9	85.9	0.0
	Total	56.3	61.4	66.7	60.2	62.1	55.9	62.6	68.0	64.9	61.9	62.3	-0.7

Note: Data excludes OB & GYN and OPH.

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

Age group (years)	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017	Total 2016	% Change 16/17	
<35	Male	2	17	0	9	0	0	3	1	32	36	-11.1	
	Female	0	3	0	1	1	0	0	0	5	11	-54.5	
	Total	2	20	0	10	1	0	0	3	1	37	47	-21.3
35-39	Male	2	22	0	20	5	0	2	7	1	59	53	11.3
	Female	1	9	0	2	4	0	4	1	1	22	16	37.5
	Total	3	31	0	22	9	0	6	8	2	81	69	17.4
40-44	Male	2	16	3	39	6	2	6	7	2	83	89	-6.7
	Female	0	10	0	3	7	0	5	3	0	28	27	3.7
	Total	2	26	3	42	13	2	11	10	2	111	116	-4.3
45-49	Male	4	34	4	43	9	1	12	6	2	115	112	2.7
	Female	0	8	0	4	2	0	2	1	0	17	12	41.7
	Total	4	42	4	47	11	1	14	7	2	132	124	6.5
50-54	Male	3	30	5	35	14	2	9	10	2	110	109	0.9
	Female	1	7	0	1	1	0	1	2	0	13	12	8.3
	Total	4	37	5	36	15	2	10	12	2	123	121	1.7
55-59	Male	4	29	2	39	10	5	8	7	4	108	111	-2.7
	Female	1	4	1	3	1	2	0	0	0	12	12	0.0
	Total	5	33	3	42	11	7	8	7	4	120	123	-2.4
60-64	Male	8	23	1	27	20	2	5	5	4	95	84	13.1
	Female	0	0	0	1	1	0	1	0	0	3	3	0.0
	Total	8	23	1	28	21	2	6	5	4	98	87	12.6
65-69	Male	3	22	3	18	4	0	3	4	0	57	61	-6.6
	Female	0	0	0	0	1	1	0	0	0	2	1	100.0
	Total	3	22	3	18	5	1	3	4	0	59	62	-4.8
70+	Male	0	15	2	22	8	1	6	4	1	59	48	22.9
	Female	0	0	0	0	0	0	0	0	0	0	0	-
	Total	0	15	2	22	8	1	6	4	1	59	48	22.9
Total	Male	28	208	20	252	76	13	51	53	17	718	703	2.1
	Female	3	41	1	15	18	3	13	7	1	102	94	8.5
	Total	31	249	21	267	94	16	64	60	18	820	797	2.9
% of active Fellows under 55 years													
%	Male	46.4	57.2	60.0	57.9	44.7	38.5	56.9	62.3	47.1	55.6	56.8	-2.1
	Female	66.7	90.2	0.0	73.3	83.3	0.0	92.3	100.0	100.0	83.3	83.0	0.4
	Total	48.4	62.7	57.1	58.8	52.1	31.3	64.1	66.7	50.0	59.0	59.8	-1.4

TABLE WFD.6 – Active Australian RACS Fellows by RRMA code and specialty

Speciality	M1	M2	R1	R2	R3	Rem1	Rem2	Total 2017	% In M1/M2 2017	Total 2016	% In M1/M2 2016	% Change in M1/M2 16/17
CAR	170	18	0	2	0	0	0	190	98.9	189	98.9	0.0
GEN	1225	164	171	137	37	4	1	1739	79.9	1684	80.0	-0.2
NEU	222	24	1	2	0	0	0	249	98.8	242	99.2	-0.4
ORT	998	130	125	82	12	1	0	1348	83.7	1313	83.7	0.0
OTO	362	45	44	15	4	0	0	470	86.6	460	86.1	0.6
PAE	79	12	2	0	0	0	0	93	97.8	95	97.9	-0.1
PLA	389	31	15	6	5	0	1	447	94.0	440	94.5	-0.6
URO	327	41	53	15	2	0	0	438	84.0	423	84.6	-0.7
VAS	161	25	15	4	0	0	0	205	90.7	195	90.8	-0.1
Total	3933	490	426	263	60	5	2	5179	85.4	5041	85.6	-0.2

Note: Data Excludes OB & GYN and OPH

TABLE WFD.7 – Active Australian RACS Fellows by RRMA and location

Region	M1	M2	R1	R2	R3	Rem1	Rem2	Total 2017	% In M1/M2 2017	Total 2016	% In M1/M2 2016	% Change in M1/M2 16/17
ACT	84	0	1	0	0	0	0	85	98.8	84	97.6	1.2
NSW	1205	199	134	109	33	0	2	1682	83.5	1652	84.0	-0.7
NT	4	24	0	0	0	0	0	28	100.0	27	96.2	4.0
QLD	564	199	182	54	3	3	0	1005	75.9	965	76.4	-0.6
SA	422	1	3	9	3	0	0	438	96.6	424	96.5	0.1
TAS	57	1	29	7	1	0	0	95	61.1	94	61.7	-1.0
VIC	1170	66	77	58	15	0	0	1386	89.2	1343	89.1	0.1
WA	427	0	0	26	5	2	0	460	92.8	452	92.3	0.6
Total	3933	490	426	263	60	5	2	5179	85.4	5041	85.6	-0.2

Note: Data Excludes OB & GYN and OPH

TABLE WFD.8 – Active Australian RACS Fellows by RRMA and age group

Age Group (years)	M1	M2	R1	R2	R3	Rem1	Rem2	Total 2017	% In M1/M2 2017	Total 2016	% In M1/M2 2016	% Change in M1/M2 16/17
<35	166	21	12	5	1	0	0	205	91.2	210	91.0	0.2
35-39	414	43	28	24	5	0	0	514	88.9	530	90.4	-1.6
40-44	713	88	75	30	5	0	0	911	87.9	899	89.2	-1.4
45-49	685	102	62	37	6	1	0	893	88.1	835	87.1	1.2
50-54	494	71	71	37	10	1	0	684	82.6	668	80.4	2.7
55-59	403	49	72	36	4	2	0	566	79.9	545	82.4	-3.1
60-64	348	40	37	31	5	1	1	463	83.8	433	81.3	3.1
65-69	235	29	37	32	6	0	0	339	77.9	356	79.5	-2.0
70+	475	47	32	31	18	0	1	604	86.4	565	87.3	-1.0
Total	3933	490	426	263	60	5	2	5179	85.4	5041	85.6	-0.2

Note: Data Excludes OB & GYN and OPH

TABLE WFD.9 – Active RACS SET Trainees obtaining RACS Fellowship in 2017 by location of residence and specialty

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017
CAR	Male	0	2	0	0	0	0	0	0	2	1	0	3
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	2	0	0	0	0	0	0	2	1	0	3
GEN	Male	1	16	1	5	4	0	15	2	44	9	1	54
	Female	0	5	1	2	3	1	6	1	19	2	0	21
	Total	1	21	2	7	7	1	21	3	63	11	1	75
NEU	Male	0	1	0	2	0	1	3	0	7	0	3	10
	Female	0	1	0	0	0	0	0	0	1	0	0	1
	Total	0	2	0	2	0	1	3	0	8	0	3	11
ORT	Male	0	15	0	7	3	1	10	4	40	6	2	48
	Female	0	2	0	2	1	0	0	0	5	1	0	6
	Total	0	17	0	9	4	1	10	4	45	7	2	54
OTO	Male	0	3	0	2	2	0	2	0	9	2	0	11
	Female	0	1	0	2	0	0	2	0	5	1	0	6
	Total	0	4	0	4	2	0	4	0	14	3	0	17
PAE	Male	0	0	0	0	0	0	0	0	0	0	1	1
	Female	0	0	0	0	0	0	1	0	1	0	0	1
	Total	0	0	0	0	0	0	1	0	1	0	1	2
PLA	Male	0	1	0	2	1	0	5	0	9	1	0	10
	Female	0	1	0	0	1	0	1	0	3	1	2	6
	Total	0	2	0	2	2	0	6	0	12	2	2	16
URO	Male	0	2	0	5	0	1	3	0	11	2	2	15
	Female	0	1	0	0	0	0	2	0	3	0	0	3
	Total	0	3	0	5	0	1	5	0	14	2	2	18
VAS	Male	0	2	0	1	1	0	1	0	5	0	1	6
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	2	0	1	1	0	1	0	5	0	1	6
Total	Male	1	42	1	24	11	3	39	6	127	21	10	158
	Female	0	11	1	6	5	1	12	1	37	5	2	44
	Total	1	53	2	30	16	4	51	7	164	26	12	202

TABLE WFD.10 – Active International Medical Graduates obtaining RACS Fellowship in 2017 by location of residence and specialty

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2017
CAR	Male	0	0	0	1	0	0	0	0	1	0	0	1
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	1	0	0	0	0	1	0	0	1
GEN	Male	0	1	1	4	2	0	3	1	12	1	1	14
	Female	0	0	0	4	0	0	1	0	5	0	0	5
	Total	0	1	1	8	2	0	4	1	17	1	1	19
NEU	Male	0	1	0	0	0	0	0	0	1	0	0	1
	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
ORT	Male	0	1	0	3	0	0	2	0	6	0	0	6
	Female	0	0	0	0	0	0	1	0	1	0	0	1
	Total	0	1	0	3	0	0	3	0	7	0	0	7
OTO	Male	0	0	0	1	0	0	0	0	1	0	0	1
	Female	0	0	0	0	1	0	0	0	1	0	0	1
	Total	0	0	0	1	1	0	0	0	2	0	0	2
PAE	Male	0	0	0	1	0	0	1	0	2	0	1	3
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	1	0	0	1	0	2	0	1	3
PLA	Male	0	1	0	0	0	0	0	0	1	0	0	1
	Female	0	0	0	0	1	0	0	0	1	0	0	1
	Total	0	1	0	0	1	0	0	0	2	0	0	2
URO	Male	0	0	0	0	0	1	1	0	2	0	0	2
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	1	1	0	2	0	0	2
VAS	Male	0	0	0	1	1	0	0	0	2	0	0	2
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	1	1	0	0	0	2	0	0	2
Total	Male	0	4	1	11	3	1	7	1	28	1	2	31
	Female	0	0	0	4	2	0	2	0	8	0	0	8
	Total	0	4	1	15	5	1	9	1	36	1	2	39

TABLE WFD.11 – Total number of SET Trainees and International Medical Graduates obtaining RACS Fellowship by specialty (2008 – 2017)

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

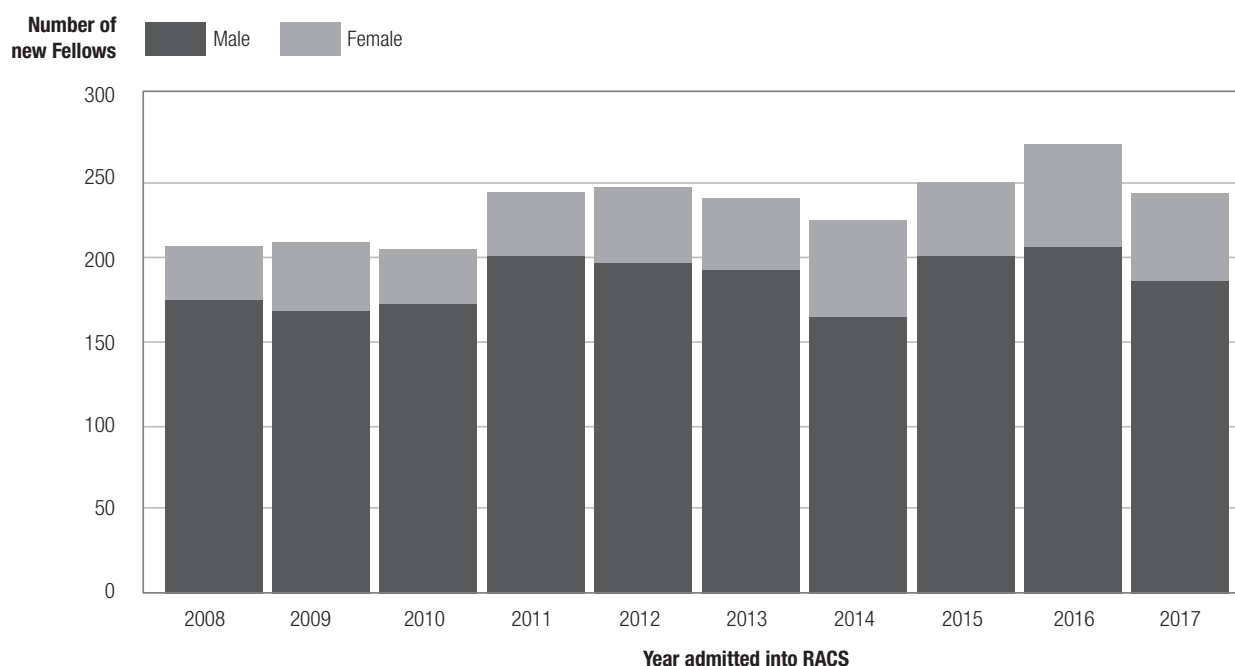
FIGURE WFD.1 – Total annual number of SET Trainees and International Medical Graduates obtaining RACS Fellowship (2008–2017)

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

	No. of surgeons	Ratio of surgeons per 10,000 population	Population
ACT	85	2.1	410,301
NSW	1682	2.1	7,861,068
NT	28	1.1	246,105
QLD	1005	2.0	4,928,457
SA	438	2.5	1,723,548
TAS	95	1.8	520,877
VIC	1386	2.2	6,323,606
WA	460	1.8	2,580,354
AUS	5179	2.1	24,598,900
NZ	820	1.7	4,785,100

Data excludes Obstetrics & Gynaecology and Ophthalmology Fellows.

Population Source: Australian Bureau of Statistics website www.abs.gov.au and Statistics New Zealand website www.stats.govt.nz and is accurate as at December 2017.

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

	No. of surgeons	Ratio of surgeons per 1,000 population ≥ 65 years	Population over ≥ 65 years
ACT	82	1.6	51,183
NSW	1647	1.3	1,252,461
NT	28	1.6	17,807
QLD	991	1.3	741,868
SA	432	1.4	311,424
TAS	93	0.9	100,346
VIC	1363	1.4	959,072
WA	451	1.3	359,901
AUS	5087	1.3	3,794,800
NZ	804	1.1	723,000

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

Population Source: Australian Bureau of Statistics website www.abs.gov.au and Statistics New Zealand website www.stats.govt.nz and is accurate as at December 2017.

EXPLANATORY NOTES

All active Fellows have a requirement to participate in either the College Continuing Professional Development (CPD) program or in another CPD program that is 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 2016 CPD participation data are reported in Tables CPD.1 to CPD.5. Ophthalmologists and obstetricians and gynaecologists who held RACS Fellowship have been included.

DATA SUMMARY

In 2016 there were 6,321 Fellows participating in the College CPD or other CPD approved program including Ophthalmologists and Obstetricians and Gynaecologists who hold a RACS Fellowship.

In 2016 99.6% of Fellows complied with the RACS CPD Program, representing a -0.3% reduction in compliance from 2015. 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 College's nine surgical competencies.

During 2017, the Professional Development Department delivered activities to a total of 3725 participants (3365 Fellows, 85 Trainees, 40 IMGs and 235 medical practitioners and health professionals), more than double compared to 2016. The increase is largely due to the delivery of 109 Foundation Skills for Surgical Educators (FSSE) courses as part of the RACS Building Respect, Improving Patient Safety Action Plan.

TABLE CPD.1 – Participation in RACS CPD program 2014 – 2016 by specialty

Specialty	2014			2015			2016		
	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant
CAR	218	218	100.0	229	229	100.0	236	234	99.2
GEN	1903	1903	100.0	1943	1942	99.9	2019	2014	99.8
NEU	267	267	100.0	281	281	100.0	286	285	99.7
ORT	505	505	100.0	525	525	100.0	544	544	100.0
OTO	546	546	100.0	561	561	100.0	571	568	99.5
PAE	129	129	100.0	129	129	100.0	128	128	100.0
PLA	488	488	100.0	503	503	100.0	515	511	99.2
URO	475	475	100.0	483	483	100.0	498	497	99.8
VAS	207	207	100.0	214	214	100.0	222	219	98.6
Sub Total	4738	4738	100.0	4868	4867	99.9	5019	5000	99.6
OB & GYN and OPH	8	8	100.0	7	7	100.0	6	6	100.0
Total	4746	4746	100.0	4875	4874	99.9	5025	5006	99.6

TABLE CPD.2 – Participation in RACS CPD program 2014 – 2016 by region

Specialty	2014			2015			2016		
	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant
ACT	62	62	100.0	62	62	100.0	67	67	100.0
NSW	1246	1246	100.0	1283	1283	100.0	1323	1316	99.5
NT	26	26	100.0	25	25	100.0	24	24	100.0
SA	330	330	100.0	343	343	100.0	350	349	99.7
QLD	748	748	100.0	768	768	100.0	801	799	99.8
TAS	76	76	100.0	77	77	100.0	76	76	100.0
VIC	1050	1050	100.0	1085	1084	99.9	1122	1115	99.4
WA	365	365	100.0	377	377	100.0	384	383	99.7
AUS Total	3903	3903	100.0	4020	4019	99.9	4147	4129	99.6
NZ	529	529	100.0	535	535	100.0	555	554	99.8
O/S	314	314	100.0	320	320	100.0	323	323	100.0
Total	4746	4746	100.0	4875	4874	99.9	5025	5006	99.6

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 2016 there were 6321 Fellows participating in the College CPD or other CPD approved program. Ophthalmologists and Obstetricians and Gynaecologists who held RACS Fellowship have been included.

TABLE CPD.3 – Fellow participation in RACS and other CPD programs in 2016

College CPD Programs	Number of participating Fellows	% of participating Fellows
Royal Australasian College of Surgeons	5025	79.5
Australian Orthopaedic Association	830	13.1
New Zealand Orthopaedic Association	235	3.7
Royal Australian College of General Practitioners	12	0.2
Royal Australian and New Zealand College of Ophthalmologists	213	3.4
Royal Australian and New Zealand College of Obstetricians and Gynaecologists	1	0.0
Other College CPD program	5	0.1
Total	6321	100.0

TABLE CPD.4 – Participation in RACS CPD program in 2016 by program category and specialty

CPD category	Fellows' specialty										Total	% Total
	CAR	GEN	NEU	OPH	ORT	OTO	PAE	PLA	URO	VAS		
Operative practice in hospitals or day surgery units	201	1790	252	5	507	511	121	477	471	206	4541	90.4
Operative procedures in rooms only	0	8	0	1	0	3	0	2	2	0	16	0.3
Operative Practice as a locum only	0	25	0	0	5	8	0	1	3	0	42	0.8
Clinical consulting practice only	5	52	22	0	20	36	1	15	6	5	162	3.2
Other practice type	30	144	11	0	12	13	6	20	17	11	264	5.3
Total	236	2019	285	6	544	571	128	515	499	222	5025	100.0

TABLE CPD.5 – Registrations in RACS MOPS program in 2016

	AUS	NZ	O/S	Total registrations
Persons	9	10	0	19
IMGs	2	65	1	68
Total	11	75	1	87

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 Trainee	IMG	Medical practitioners and health workers	Total 2017	Total 2016	% Change 16/17
ACT	28	5	0	2	35	31	12.9
NSW	888	24	1	43	956	255	274.9
NT	19	1	0	0	20	24	-16.7
QLD	447	15	8	58	528	260	103.1
SA	208	5	1	12	226	98	130.6
TAS	70	0	0	3	73	20	265.0
VIC	887	20	2	82	991	316	213.6
WA	225	1	0	6	232	115	101.7
AUS	2772	71	12	206	3061	1119	173.5
NZ	577	14	28	20	639	187	241.7
O/S	16	0	0	9	25	23	8.7
Total	3365	85	40	235	3725	1329	180.3

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

Specialty	Total 2017	Total 2016	% Change 16/17
CAR	99	58	70.7
GEN	1278	413	209.4
NEU	155	67	131.3
ORT	552	156	253.8
OTO	359	116	209.5
PAE	114	31	267.7
PLA	283	0*	–
URO	364	83	338.6
VAS	154	53	190.6
Sub Total	3358	977	243.7
OPH	7	4	75.0
SET	85	49	73.5
IMG	40	24	66.7
Medical practitioners and health workers	235	275	-14.5
Total	3725	1329	180.3

*Data unavailable at time of publication

EXPLANATORY NOTES

RACS Global Health programs encapsulate the College's on-going commitment in:

- partnering with Southeast Asia and Pacific neighbours to provide access to much needed health services and assist in the development of medical and surgical capacity; and
- advocating for access to safe surgery and anaesthesia within the global health agenda.

PACIFIC ISLANDS PROGRAM (PIP)

The Australian Government support to this initiative started in 1995 under a series of funding contracts with RACS as the managing contractor. The current iteration of PIP has activities contributing to a new overarching Pacific Regional Clinical Services and Workforce Improvement Program. The PIP is one of three components implemented under this regional program, and was the first to be contracted, with funding & activity implementation from 2016 to 2021. Other components will be managed by Fiji National University and the Secretariat of the Pacific Community. The new program design will continue the provision of specialist clinical services while also providing the platform for supporting continuing professional development of health workforce and improving clinical systems. The PIP activities are delivered by volunteer medical practitioners as well as nurses and allied health professionals.

The activities implemented throughout 2017 were at the specific request and/or in consultation with the recipient countries, including: Cook Islands, Fiji, Kiribati, Federated States of Micronesia, Nauru, Samoa, Solomon Islands, Tonga, Tuvalu, and Vanuatu.

AUSTRALIA TIMOR-LESTE PROGRAM OF ASSISTANCE FOR SECONDARY SERVICES PHASE II (ATLASS II)

The ATLASS II Program is designed to contribute to the Government of Timor-Leste's overall aim of producing a comprehensive, high quality health service for the benefit of the Timorese population. The program's main component is dedicated to building the capacity of the Timorese health workforce through a range of formal and informal training, mentoring and support activities. In 2014, the program commenced the delivery of a bridging/foundation program for East Timorese who completed their medical undergraduate qualification in Cuba. Upon completion of the Foundation Year, the trainees would either continue to pursue specialist post graduate training or mobilised for delivery of health services in the districts.

By the end of 2017, 60 Timorese doctors have completed the Foundation Year, of which 27 Timorese candidates have completed their Post Graduate Diploma program in Family Medicine, Paediatrics, Anaesthetics, Surgery or Ophthalmology, and 32 currently enrolled in the diploma program. Thirty new trainees are currently undertaking the Foundation Year training program. The Masters of Medicine in Paediatrics also continued in 2017 with 10 trainees enrolled, completing their final assessments in June or December 2017.

EAST TIMOR EYE PROGRAM (ETEP)

The East Timor Eye Program (ETEP), established in July 2000, is a program targeted at delivering eye-care services to Timor-Leste. The key objectives are to help Timor-Leste achieve self-sufficiency in the provision of eye care by 2020 and to work towards completely eradicating preventable blindness by 2025. The program will achieve this goal through training local surgeons and health practitioners and strengthening infrastructure, thereby considerably increasing the availability of eye health services in Timor-Leste.

The national eye care services are now delivered under the Department of Ophthalmology of Hospital Nasional Guido Valadares. In 2017, the ETEP continued to support the delivery of the Post Graduate Diploma of Ophthalmology in Timor Leste. Three candidates completed the diploma program, of which two have proceeded to commence in a Masters of Medicine in Ophthalmology program.

HEALTH SERVICES DEVELOPMENT PROGRAM IN PAPUA AND WEST PAPUA, INDONESIA

The Health Services Development Program aims to improve health services and workforce development through provision of medical education in Papua and West Papua. Health education priorities identified by in-country partners include appropriate trauma, burns and pain management, nurse training and clinical, anaesthesia and pathology services.

In 2017, the program supported the delivery of the Essential Pain Management and Emergency Management of Severe Burns courses. In collaboration with the College of Surgeons Indonesia, Basic Surgical Skills, nurse training and trauma training was also provided to health care practitioners, including many from the remote areas of the Papua and West Papua provinces.

SUMBA EYE PROGRAM (SEP), NUSA TENGGARA TIMUR (NTT)

The Sumba Eye Program (SEP) was established in 2008 to provide eye care for the people of Sumba island, Nusa Tenggara Timur, Indonesia. Services comprise screening for eye diseases, eye operations as well as optometry. The SEP team has been concentrating on expanding the program's training and capacity building component to promote sustainability.

In 2017, the Australian team delivered two clinical and training visits in collaboration with Sumba Foundation and regional ophthalmologists. The team worked alongside and mentored two Sumbanese eye care nurses to create a self-sustainable local medical team for the Sumbanese and the greater area of Nusa Tenggara Timur. The nurses undertook a training visit to Melbourne in March 2017.

MYANMAR PROGRAMS

In partnership with the Myanmar Medical Association, Ministry of Health, and University of Medicine 1, RACS continues to support emergency medicine and primary trauma care (PTC) training in Myanmar. Building upon the success of the PTC program, the College worked closely with the Myanmar medical institutions, Australian College of Emergency Medicine and individual specialists from Hong Kong to develop and deliver a Post-Graduate Diploma in Emergency Medicine Course in Myanmar. In 2017, a team of four volunteer RACS instructors delivered 3 Surgical Skills training courses in Yangon and Mandalay in February and August. This was the fifth Surgical Skills Program delivered in Myanmar.

KIRIBATI EYE CLINIC SUPPORT PROJECT

The Kiribati Eye Clinic Support Project is an initiative jointly funded by the Australian Government through the Australian NGO Cooperation Program, and the RACS Foundation for Surgery. At the request of the i-Kiribati Ministry of Health and Medical Services, this short term project is designed to assist the i-Kiribati Ophthalmologist to establish a functional eye clinic at the main hospital in Kiribati, Tungaru Central Hospital.

The project was completed in 2017, with final equipment purchased and delivered to the clinic, and an Australian volunteer equipment technician mobilised to Kiribati to train local bio-med technicians on the service and maintenance of optic equipment. The project is designed to assist Kiribati realise the full potential of their trained Ophthalmologist and eye care nurses, to deliver eye care services independently, including reducing the incidence of vision impairment in the country.

ASIA PAEDIATRIC SURGERY EDUCATION PROGRAM (APSEP)

The APSEP is an initiative jointly funded by the Australian Government through the Australian NGO Cooperation Program, the Monash Children's Hospital International and the RACS Foundation for Surgery. The APSEP aims to support the education and development of Vietnamese, Cambodian and Myanmar surgeons through in-country teaching clinics delivered by volunteer visiting specialist teams and training attachments and attendance to courses in Australia or other appropriate locations. In 2017, one visit was undertaken by the APSEP team to Myanmar, focusing on paediatric burns and trauma training.

ANAESTHESIA TRAINING CENTRE SUPPORT PROJECT

The Anaesthesia Training Centre project is an initiative jointly funded by the Australian Government through the Australian NGO Cooperation Program, and the RACS Foundation for Surgery. This project seeks to enhance the quality and safety of anaesthesia training and hospital services by supporting the Solomon Islands Ministry of Health and Medical Services to enhance infrastructure and anaesthetic equipment in the National Referral Hospital in Honiara. The project will support the procurement of a laryngoscope and bronchoscope; alongside supporting the training and use of these pieces of equipment within Solomon Islands to strengthen in-country anaesthesia training.

ROWAN NICKS FELLOWSHIPS AND SCHOLARSHIPS

The Rowan Nicks fellowships and scholarships are offered annually to young surgeons who have been identified as surgical or medical leaders of the future. These opportunities are tenable in an institution where recipients will learn the craft of surgery and also become involved in teaching, research and administration.

WEARY DUNLOP BOONPONG EXCHANGE FELLOWSHIP

The Weary Dunlop Boonpong Fellowship Program is a collaboration between RACS and the Royal College of Surgeons of Thailand. The exchange program provides opportunities for Thai surgeons to undertake clinical attachments in Australian hospitals in their nominated field of interest.

SURGEONS INTERNATIONAL AWARD

The Surgeons International Award provides for doctors, nurses or other health professionals from underprivileged backgrounds to undertake short term visits to one or more Australian hospitals to acquire the knowledge, skills and contacts needed for the promotion of improved health services in the recipient's own country.

TABLE GH.1 – RACS Global Health clinical visits

Projects	No. of clinical visits	Surgeons	RACS Fellows	Anaesthetists, nurses & other health care workers	Consultations	Operations/ Procedures
PNG – Neurosurgery Visit	1	1	1	–	18	2
Timor Leste						
ATLASS II *	7	3	2	8	3,583	886
East Timor Eye Program (ETEP)*	25	23	5	12	10,486	945
SUB TOTAL (EAST TIMOR)	32	26	7	20	14069	1831
Indonesia						
Health Service Development – Papua & West Papua	1	2	2	4	8	5
Sumba Eye Program – Nusa Tenggara Timur	2	3	2	7	1,920	126
SUB TOTAL (INDONESIA)	3	5	4	11	1928	131
Pacific Islands Projects (PIP)						
Cook Islands	1	–	–	1	70	14
Fiji	5	6	3	6	144	69
Kiribati	2	3	3	5	424	27
Federated States of Micronesia	2	2	2	4	170	23
Nauru	1	–	–	2	76	–
Samoa	3	5	5	9	184	89
Solomon Islands	6	5	5	14	349	118
Tonga	3	3	3	4	97	47
Tuvalu	1	–	–	2	242	–
Vanuatu	5	8	8	17	309	108
SUB TOTAL (PIP)	29	32	29	64	2065	495
TOTAL 2017	65	64	41	95	18080	2459

*ATLASS/ETEP consultations and operations/procedures statistics include output of East Timor-based long term advisers (General Surgeon, Anaesthetist, Paediatrician, Obstetrician/ Gynaecologist, Internal Medicine and Ophthalmologist). ETEP figures include outputs of Timorese clinicians supported under ETEP

TABLE GH.2 – RACS Global Health non-clinical visits

Country	Surgical workshops	Medical & allied health workshops	Nursing workshops	Other assisting programs	Total
ATLASS II	–	1	–	–	1
East Timor	1	–	–	1	2
Papua – Indonesia	1	7	3	5	16
Myanmar	8	–	–	–	8
Indonesia	–	–	–	2	2
Fiji	1	–	–	–	1
Nauru	1	–	–	–	1
Solomon Islands	–	1	–	–	1
Total 2017	12	9	3	8	32

TABLE GH.3 – International scholarships awarded to surgeons with hospital attachments in Australia, New Zealand or South East Asia

International Scholarships Programs	Country Location of Recipients:	No. of Surgeons Supported	No. Anaesthetists, nurses & other health care workers supported	No. Conferences/Courses Attended by Recipients
Rowan Nicks	UK	2	–	1
Surgeons International	Myanmar	1	–	–
	Vietnam	3	–	–
Weary Dunlop Boon Pong	Thailand	4	–	1
Myanmar Scholarship	Myanmar	1	–	1
TOTAL 2017		11	–	3

TABLE GH.4 – International travel and educational grants – support for conference attendance

Country Location of Recipients:	No. grants awarded
Tonga	1
Timor Leste	1
Nepal	1
Thailand	2
Bangladesh	1
China	2
Malaysia	1
Indonesia	3
TOTAL 2017	12

EXPLANATORY NOTES

The Conferences and Events Department is based in the External Affairs Division of the Royal Australasian College of Surgeons.

The Department manages surgical events on behalf of Fellows and medical professionals with a major annual event being the RACS Annual Scientific Congress. The 2017 Annual Scientific Congress (ASC) was held in Adelaide.

The Department strives to deliver conferences of high professional value, with strong perceptions of educative worth demonstrated through the positive feedback of RACS Fellows.

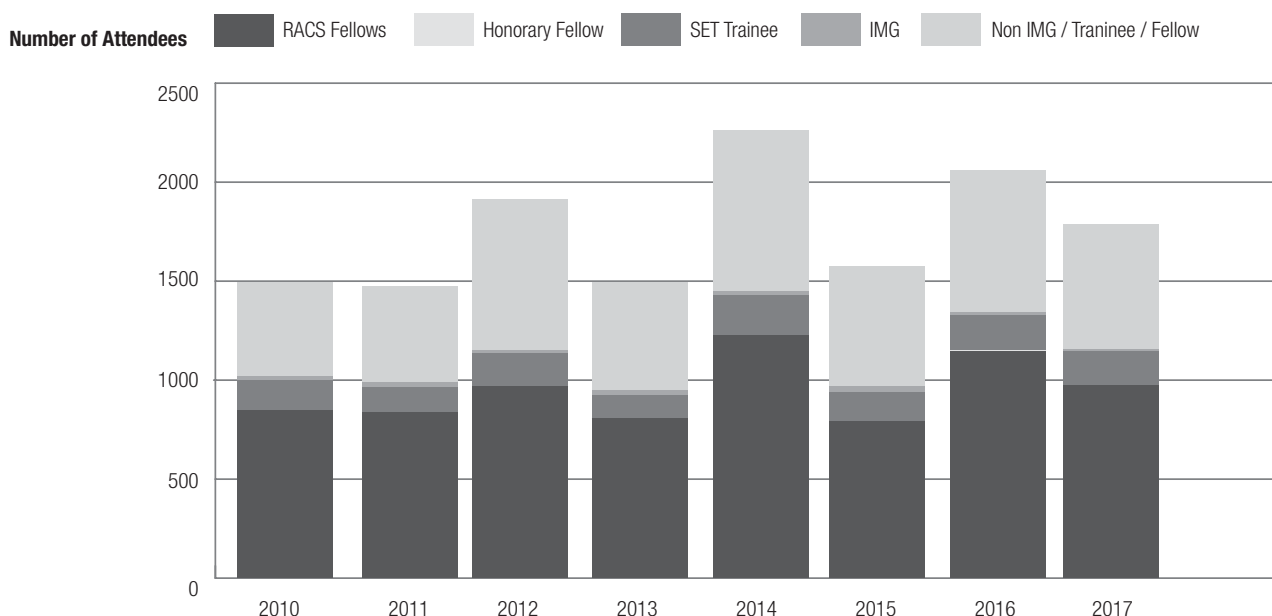
The Department tenders for several external events each year and also supports the RACS annual meetings held in New Zealand and Australian states and territories. In addition to the ASC, the Department successfully co-ordinated the following conferences and meetings in 2017:

- ASOHNS Annual Scientific Meeting
- Developing a Career in Academic Surgery (DCAS) Course
- New Zealand Surgery 2017 Meeting
- Queensland Annual State Meeting
- WA/SA/NT Annual Scientific Meeting
- NSA Annual Scientific Meeting
- ANZHNS Annual Scientific Meeting
- ANZSVS Conference
- Victorian Annual Surgical Meeting
- WA Surgeons Ball – Registrations Only
- The Alfred General Surgery Meeting
- ACT Annual Scientific Meeting
- SA HoodSweeney 2017 Royal Colleges Golf Day – Registrations Only
- SA Annual Dinner and Anstey Giles Lecture – Registrations Only
- ANZSCTS Annual Scientific Meeting
- Combined Sydney Colorectal Meeting
- ICOSSET

TABLE C&E.1 – RACS Annual Scientific Congress attendance 2017

Attendee classification	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2017	Total 2016	% Change 16/17
RACS Fellow	32	685	20	70	29	51	28	17	41	973	1146	-15.1
Honorary Fellow	–	–	–	–	–	–	–	–	–	4	3	33.3
SET Trainee	27	116	1	1	5	13	2	2	1	168	178	-5.6
IMG	–	–	–	–	–	–	–	–	–	10	15	-33.3
NON IMG/Trainee/Fellow	–	–	–	–	–	–	–	–	–	631	717	-12.0
Total	59	801	21	71	34	64	30	19	42	1786	2059	-13.3

FIGURE C&E.1 – Total number of attendees at RACS Annual Scientific Congress (2010–2017)



EXPLANATORY NOTES

The RACS Skills & Education Centre's major function is to ensure that surgeons and other health professionals have access to the facilities and technical support required for training in modern surgical skills and related areas. The Centre provides a well-equipped and flexible skills laboratory and multi-purpose training and conference areas in which regular surgical educational courses are conducted for Trainees and Fellows of the College.

The Centre's key components are the Skills Laboratory, the Level 1 Lecture Room, the Level 2 Training Area, and the Hughes Room. The Skills Laboratory is a 'wet' workshop area, while the other rooms are meeting/conference areas.

The facilities are available for use on a seven day per week basis for RACS (internal) and outside organisations (external). The aim is to maximise use of the rooms by external hirers when not booked by RACS users. The Skills Centre facilities accommodated a total of 2,050 room bookings including 1,475 bookings for RACS staff, Fellows, and Trainees along with 575 room bookings for External events attended by over 20,000 people. College-wide, the Skills Centre and Event Services team dealt with 4,274 individual room bookings in 2017.

DATA SUMMARY

Skills Laboratory Workshops

Table SEC.1 shows the number of workshops and training events conducted in the Skills Laboratory in 2017. Workshops are separated into two categories: RACS workshops include those for Fellows and Trainees including mandatory courses such as ASSET, specialty training programs, and optional skills courses. External events include workshops conducted on behalf of other medical specialty Colleges and a range of other groups.

Workshops by Surgical Specialty

Figure SEC.1 provides a breakdown by specialty of the surgical educational workshops conducted for Fellows and Trainees. Note that a number of these fall into the External Workshops category shown in Table SEC.1. 'Not specialty specific' indicates that the workshop covered skills relevant to multiple surgical specialties, for example the ASSET fundamental skills workshop.

Skills Laboratory Usage

Figure SEC.2 shows the percentage of available days of the week when the Skills Laboratory is in use for internal and external workshops. This includes time when workshops are being conducted along with preparation, set-up, pack-down, cleaning and decontamination directly associated with those workshops.

Workshop Participants

Table SEC.2 shows the cumulative number of participants (including faculty) in Skills Laboratory workshops throughout 2017.

Surgical Workshop Participants by Specialty

Figure SEC.3 shows the cumulative number of participants from each surgical specialty who took part in Skills Laboratory workshops in 2017.

Total Workshop Participants by Profession

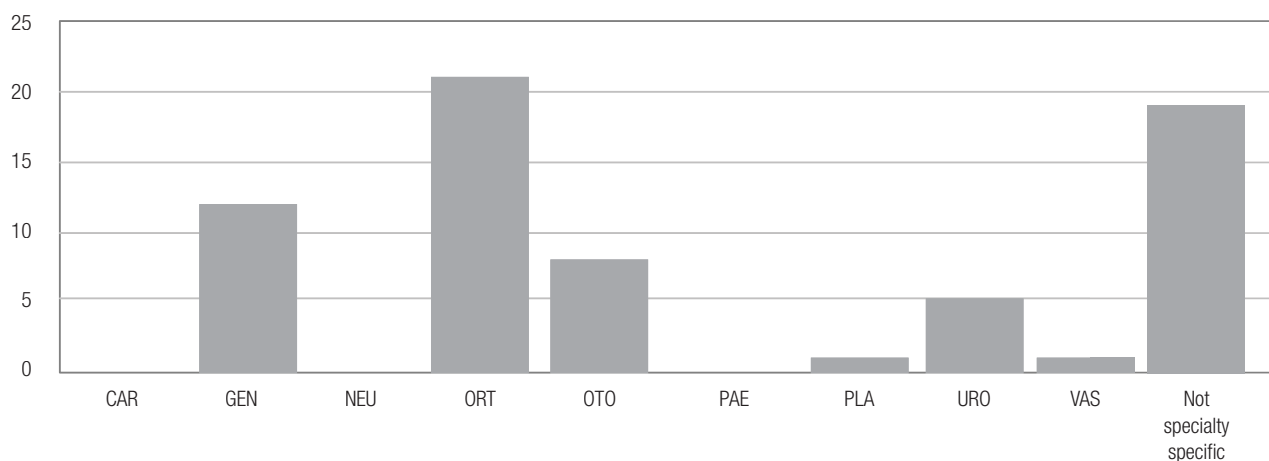
Figure SEC.4 provides a breakdown by profession of participants in all of the Skills Laboratory workshops in 2017. 'Other' covers a wide range of workshop attendees including simulation educators, medical postgraduates, intensivists, ophthalmologists, haematologists, anatomists, veterinarians, product specialists, etc.

TABLE SEC.1 – Number of workshops held in the Skills Laboratory in 2017

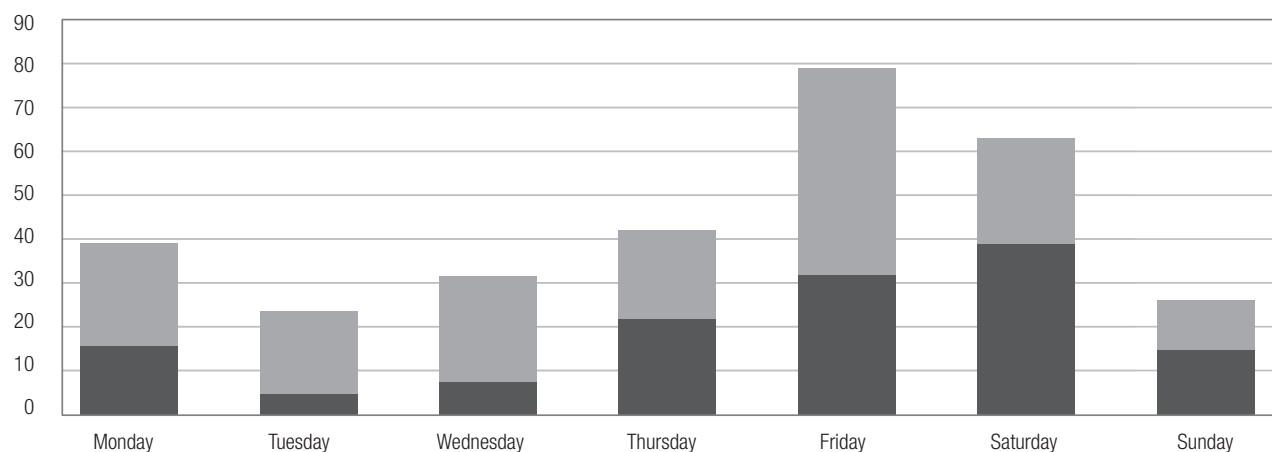
Attendee classification	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total 2017	Total 2016	% Change 16/17
RACS workshops	1	2	5	2	4	3	6	3	4	7	4	3	44	41	7
External workshops	0	2	14	3	2	4	1	3	8	5	5	2	49	49	0
Total	1	4	19	5	6	7	7	6	12	12	9	5	93	90	3

FIGURE SEC.1 – Surgical workshops held in the Skills Laboratory by specialty (either RACS or external workshop)

Number of workshops

**FIGURE SEC.2 – Occupancy of the Skills Laboratory on a seven-day basis in 2017**

Occupancy (%)

 College Workshops
 External Workshops


Note: Occupancy is measured by half-day blocks as a percentage of all available blocks for the year.

TABLE SEC.2 – Number of Skills Laboratory workshop participants in 2017

Attendee classification	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total 2017	Total 2016	% Change 16/17
RACS participants	22	70	83	87	140	85	171	126	106	181	58	48	1177	1153	2
External participants	0	62	222	75	38	69	44	28	93	117	164	22	934	1020	-8
Total	22	132	305	162	178	154	215	154	199	298	222	70	2111	2173	-3

FIGURE SEC.3 – Total number of Skills Laboratory surgical workshop participants in 2017 by specialty

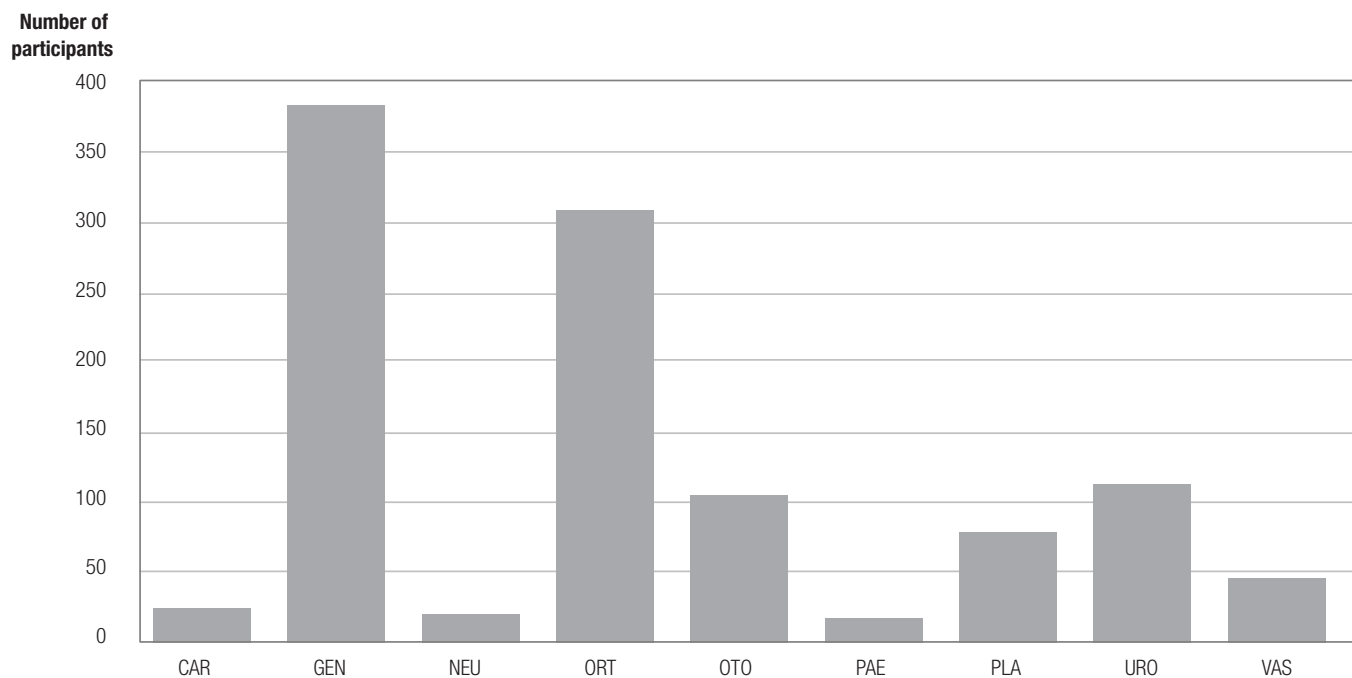
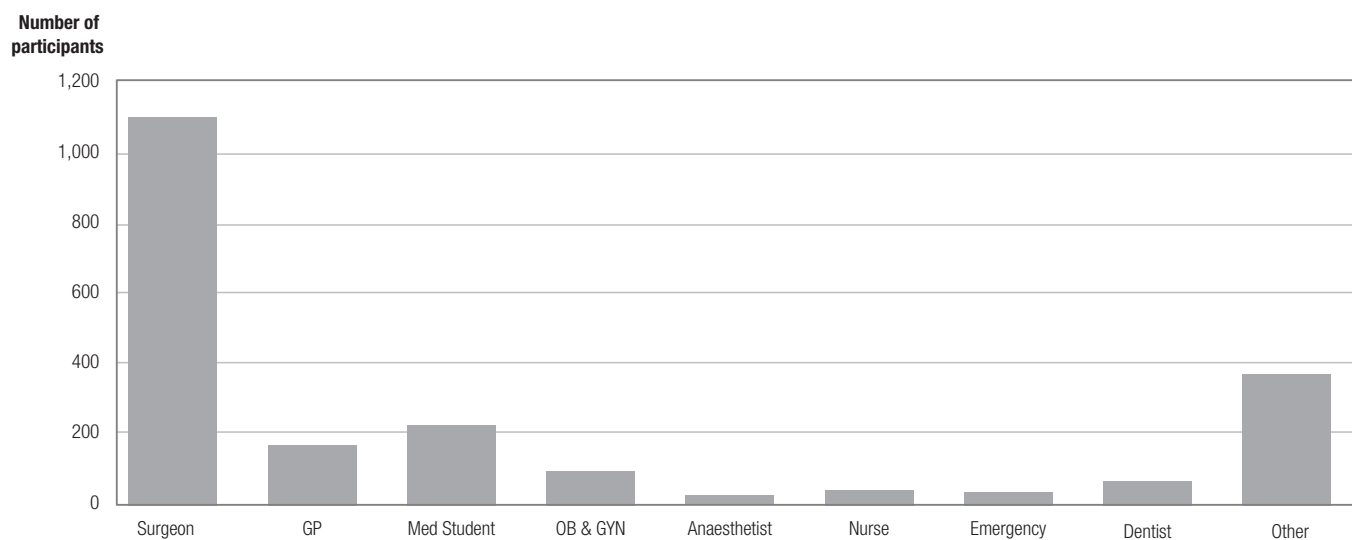


FIGURE SEC.4 – Total number of Skills Laboratory workshop participants in 2017 by profession



APPENDIX A:

DEFINITIONS FOR REGIONAL, RURAL AND RRMA DATA

RRMA Codes

The Rural, Remote and Metropolitan Area code (RRMA) is used to help classify healthcare facilities across Australia according to the types of communities they serve. The RRMA code divides Australia into areas according to city status, population, rurality and remoteness.

Use of Postcode to Determine Region

The allocation of Fellows to regions and RRMA classification is determined by the postcode from each Fellow's preferred mailing address as of December 2017. The last known mailing address was used if the current address was unknown.

Rural Remote and Metropolitan Areas Classification & Population Size

RRMA CODE	DEFINITION	POPULATION SIZE	EXAMPLES
M1	Capital cities	> 500,000	Sydney, Melbourne, Brisbane, Perth, Adelaide, Hobart, Darwin and Canberra
M2	Other metropolitan centres	100,000 – 499,999	Newcastle, Wollongong, Queanbeyan (part of Canberra-Queanbeyan), Geelong, Gold Coast-Tweed Heads, Townsville
R1	Large rural cities	25,000 – 99,999	Albury-Wodonga, Dubbo, Lismore, Orange, Port Macquarie, Tamworth, Wagga Wagga, (NSW); Ballarat, Bendigo, Shepparton-Mooroopna (VIC); Bundaberg, Cairns, Mackay, Maroochydore-Mooloolaba, Rockhampton, Toowoomba (QLD), Whyalla (SA); and Launceston (TAS)
R2	Small rural centres	10,000 – 24,999	Armidale, Mildura, Hervey Bay, Mount Gambier, Bunbury, Devonport
R3	Other rural centres	< 10,000	Cowra Shire, Temora Shire, Guyra Shire (NSW); Ararat Shire, Cobram Shire (Vic); Cardwell Shire, Whitsunday Shire (Qld); Barossa, Pinnaroo (SA); Moora Shire, York Shire (WA); George Town, Ross (TAS); Coomalie, Litchfield (NT)
Rem 1	Remote centres	25,000 – 99,999	Broome, Kalgoorlie/Boulder, Alice Springs
Rem 2	Other remote centres	10,000 – 24,999	Bourke, Orbst, Quilpie, Coober Pedy, Shark Bay, King Island, Gove

Source: Rural, Remote and Metropolitan Area (RRMA) classification developed by the Commonwealth Departments of Primary Industries and Energy and Health and Family Services (DPIE & DHFS 1994).

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