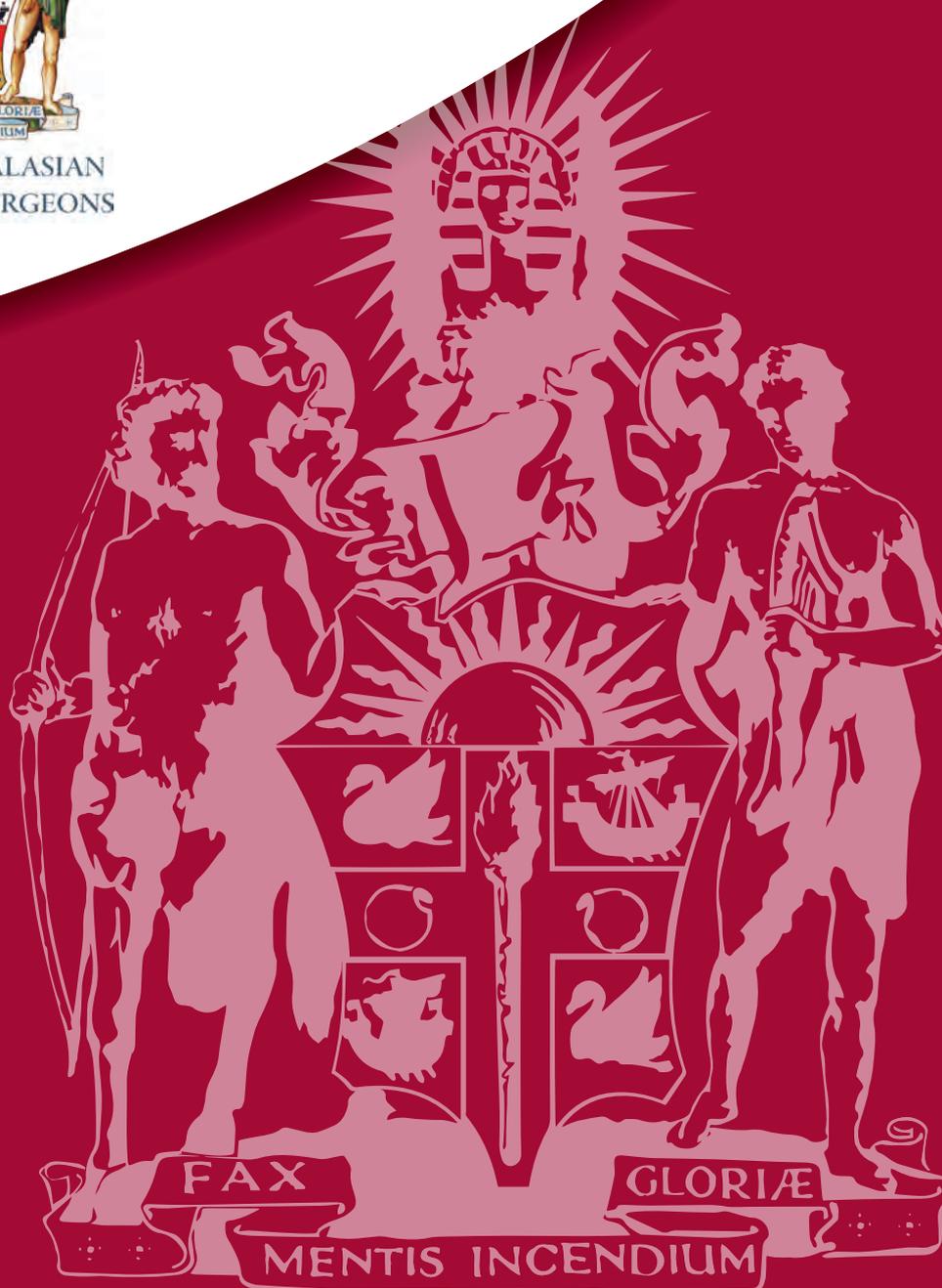


Activities Report

For the period 1 January to 31 December 2016



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 deliver professional development activities to maintain the surgical skills and standards of our Fellows. We also work with governments and other organisations to ensure a well-qualified, experienced workforce in Australia and New Zealand.

In 2016, 269 new Australian and New Zealand Fellows were admitted to RACS, and we are proud to have over 6000 active Fellows and oversee almost 1200 surgical trainees and almost 120 International Medical Graduates.

Data related to professional standards and development are presented in a separate section to highlight the importance we place on Continuing Professional Development. Non-compliance is being handled as a breach of the College's Code of Conduct. Our more stringent approach to Continuing Professional Development compliance reflects our dedication to uphold the high surgical and professional standards that we set in Australia and New Zealand.

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 the wider community. The data provided in this report is true and accurate as at December 2016.



Mr Philip Truskett, AM
President
Royal Australasian College of Surgeons

Table of Contents

LIST OF TABLES	ii
LIST OF FIGURES	iv
ACRONYMS	vii
INTRODUCTION	vi
KEY DEVELOPMENTS FOR 2016	vi
SECTION ONE: ACTIVITIES OF SKILLS TRAINING	1
EXPLANATORY NOTES	1
DATA SUMMARY	2
SECTION TWO: ACTIVITIES OF INTERNATIONAL MEDICAL GRADUATES	6
EXPLANATORY NOTES	6
DATA SUMMARY	7
SECTION THREE: ACTIVITIES OF SURGICAL EDUCATION & TRAINING	14
EXPLANATORY NOTES	14
DATA SUMMARY	14
SECTION FOUR: ACTIVITIES OF EXAMINATIONS	28
EXPLANATORY NOTES	29
DATA SUMMARY	29
SECTION FIVE: WORKFORCE DISTRIBUTION	37
EXPLANATORY NOTES	37
DATA SUMMARY	37
SECTION SIX: PROFESSIONAL STANDARDS AND DEVELOPMENT	48
EXPLANATORY NOTES	48
DATA SUMMARY	48
SECTION SEVEN: ACTIVITIES OF RACS GLOBAL HEALTH	51
EXPLANATORY NOTES	51
SECTION EIGHT: ACTIVITIES OF CONFERENCE AND EVENTS	54
EXPLANATORY NOTES	54
SECTION NINE: ACTIVITIES OF RACS SKILLS AND EDUCATION CENTRE	56
EXPLANATORY NOTES	56
DATA SUMMARY	56
APPENDIX A: DEFINITIONS FOR REGIONAL, RURAL AND RRMA DATA	59

LIST OF TABLES

SECTION ONE: ACTIVITIES OF SKILLS TRAINING	1
TABLE ST.1 – Skills training course attendance by month and course	2
TABLE ST.2 – Skills training course attendance by location and course	3
TABLE ST.3 – ASSET faculty by location and specialty	4
TABLE ST.4 – CCrISP faculty by location and medical discipline	4
TABLE ST.5 – EMST faculty by location and medical discipline	4
TABLE ST.6 – CCrISP and EMST attendance by location and pass rate	5
TABLE ST.7 – CLEAR faculty by location, specialty and medical discipline	5
TABLE ST.8 – TIPS faculty by location and medical discipline	5
SECTION TWO: ACTIVITIES OF INTERNATIONAL MEDICAL GRADUATES	6
TABLE IMG.1 – Number of International Medical Graduate applications activated by specialty	7
TABLE IMG.2 – International Medical Graduate Countries of Training	7
TABLE IMG.3 – Number of International Medical Graduates not comparable after initial paper based review	8
TABLE IMG.4 – Number of applications withdrawn by International Medical Graduates	8
TABLE IMG.5 – Specialist assessment pathway: International Medical Graduate outcome of initial assessment	8
TABLE IMG.6 – Specialist assessment pathway: International Medical Graduate specialists under oversight/supervision	9
TABLE IMG.7 – Area of need pathway: International Medical Graduate outcome of initial assessment	9
TABLE IMG.8 – Area of need pathway: International Medical Graduate specialists under oversight/supervision	10
TABLE IMG.9 – International Medical Graduate outcome of area of need assessment	10
TABLE IMG.10 – International Medical Graduate outcome of final assessment	10
TABLE IMG.11 – International Medical Graduate time for specialist recognition initial assessment	11
TABLE IMG.12 – International Medical Graduate time for area of need assessment	11
TABLE IMG.13 – International Medical Graduate time for specialist recognition final assessment	11
TABLE IMG.14 – International Medical Graduate – number and outcome of appeal	11
TABLE IMG.15 – Short-termed specified training: International Medical Graduate specialist applications by specialty	12
TABLE IMG.16 – Short-termed specified training: International Medical Graduate specialist applications by location	12
TABLE IMG.17 – Number of International Medical Graduate specialists practising in Australia	12
TABLE IMG.18 – Applications for International Medical Graduate specialists	12
TABLE IMG.19 – Interview outcomes for International Medical Graduate specialists applicants	12
TABLE IMG.20 – International Medical Graduate specialists participating in vocational assessment	13
TABLE IMG.21 – RACS review of recommendations for International Medical Graduate specialist applicants at the request of the Medical Council of New Zealand	13
SECTION THREE: ACTIVITIES OF SURGICAL EDUCATION & TRAINING	14
TABLE SET.1 – SET applications by specialty and applicant type	15
TABLE SET.2 – SET applications by specialty and location of residence	16
TABLE SET.3 – Individual SET applicants by number of applications and applicant type	17
TABLE SET.4 – SET applications outcome by specialty and applicant type	17
TABLE SET.5 – Successful SET application by specialty and location of residence	18
TABLE SET.6 – Active SET Trainees by status and training location	19
TABLE SET.7 – Inactive SET Trainees by status and training location	19
TABLE SET.8 – Active SET Trainees by status and specialty	20
TABLE SET.9 – Inactive SET Trainees by status and specialty	20
TABLE SET.10 – SET Trainees that exited the SET program, by specialty	21
TABLE SET.11 – SET Trainees that exited the SET program, by year of training	21
TABLE SET.12 – SET Trainees that exited the SET program, by state	21
TABLE SET.13 – Active SET Trainees by age and location of training post	22
TABLE SET.14 – Active SET Trainees by age and specialty	22
TABLE SET.15 – Active SET Trainees by years in training and training post location	23
TABLE SET.16 – Active Cardiothoracic SET Trainees by years in training and training post location	23
TABLE SET.17 – Active General Surgery SET Trainees by years in training and training post location	24
TABLE SET.18 – Active Neurosurgery SET Trainees by years in training and training post location	24

TABLE SET.19 – Active Orthopaedic SET Trainees by years in training and training post location	25
TABLE SET.20 – Active Otolaryngology SET Trainees by years in training and training post location	25
TABLE SET.21 – Active Paediatric SET Trainees by years in training and training post location	26
TABLE SET.22 – Active Plastic and Reconstructive SET Trainees by years in training and training post location	26
TABLE SET.23 – Active Urology SET Trainees by years in training and training post location	27
TABLE SET.24 – Active Vascular Surgery SET Trainees by years in training and training post location	27
SECTION FOUR: ACTIVITIES OF EXAMINATIONS	28
TABLE EXAM.1 – Pass rate of individual attempts (total sittings) at Generic Surgical Science Examination by specialty and location	30
TABLE EXAM.2 – Pass rate of individual attempts (total sittings) at Specialty Specific Surgical Science Examination by specialty and location	31
TABLE EXAM.3 – Pass rate of individual attempts (total sittings) at Clinical Examination by specialty and location	32
TABLE EXAM.4 – SET and IMG individual attempts and annual pass rate of Fellowship Examinations by specialty	33
TABLE EXAM.5 – Eventual Fellowship Examination pass rate by specialty	33
TABLE EXAM.6 – Fellowship Examinations pass rate (per sitting) of SET Trainees by location and specialty	34
TABLE EXAM.7 – Fellowship Examinations pass rate (per sitting) of International Medical Graduates by location and specialty	34
TABLE EXAM.8 – Fellowship Examinations pass rate (per sitting) of SET and IMG by gender and specialty	35
TABLE EXAM.9 – SET Trainees and IMGs cumulative attempts to pass Fellowship Examination by specialty for candidates presenting in 2016	35
TABLE EXAM.10 – Non-SET cumulative attempts to pass Generic Surgical Science Examination by location	36
SECTION FIVE: WORKFORCE DISTRIBUTION	37
TABLE WFD.1 – Active and retired RACS Fellows by location and specialty	38
TABLE WFD.2 – Active RACS Fellows by location and specialty	39
TABLE WFD.3 – Active RACS Fellows by location and age	40
TABLE WFD.4 – Active Australian RACS Fellows by specialty and age	41
TABLE WFD.5 – Active New Zealand RACS Fellows by specialty and age	42
TABLE WFD.6 – Active Australian RACS Fellows by RRMA code and specialty	43
TABLE WFD.7 – Active Australian RACS Fellows by RRMA and location	43
TABLE WFD.8 – Active Australian RACS Fellows by RRMA and age group	43
TABLE WFD.9 – Active RACS SET Trainees obtaining RACS Fellowship in 2016 by location of residence and specialty	44
TABLE WFD.10 – Active International Medical Graduates obtaining RACS Fellowship in 2016 by location of residence and specialty	45
TABLE WFD.11 – Total number of SET Trainees and International Medical Graduates obtaining RACS Fellowship by specialty (2007 – 2016)	46
TABLE WFD.12 – Ratio of active Australian and New Zealand RACS Fellows per population by location	46
TABLE WFD.13 – Ratio of active Australian and New Zealand RACS Fellows per population aged 65 years or older by location, excluding Paediatric, OB&GYN and Ophthalmology	47
SECTION SIX: PROFESSIONAL STANDARDS AND DEVELOPMENT	48
TABLE CPD.1 – Participation in RACS CPD program 2013-2015 by specialty	48
TABLE CPD.2 – Participation in RACS CPD program 2013-2015 by region	49
TABLE CPD.3 – Fellow participation in RACS and other CPD programs in 2015	49
TABLE CPD.4 – Participation in RACS CPD program in 2015 by program category	49
TABLE CPD.5 – Registrations in RACS MOPS program in 2015	50
TABLE CPD.6 – Professional Development participation by location and status	50
TABLE CPD.7 – Professional Development participation by specialty and status	50
SECTION SEVEN: ACTIVITIES OF RACS GLOBAL HEALTH	51
TABLE GH.1 – RACS Global Health clinical visits	52
TABLE GH.2 – RACS Global Health non-clinical visits	53
TABLE GH.3 – International scholarships awarded to surgeons with hospital attachments in Australia, New Zealand or South East Asia	53
TABLE GH.4 – International travel and educational grants – support for conference attendance	53
SECTION EIGHT: ACTIVITIES OF CONFERENCE AND EVENTS	54
TABLE C&E.1 – RACS Annual Scientific Congress attendance 2016	55
SECTION NINE: ACTIVITIES OF RACS SKILLS AND EDUCATION CENTRE	56
TABLE SEC.1 – Number of workshops held in the Skills Laboratory in 2016	57
TABLE SEC.2 – Number of Skills Laboratory workshop participants in 2016	58
APPENDIX A: DEFINITIONS FOR REGIONAL, RURAL AND RRMA DATA	59

LIST OF FIGURES

SECTION FOUR: ACTIVITIES OF EXAMINATIONS

FIGURE EXAM.1 – Overall annual pass rate of individual attempts (total sittings) at Generic Surgical Science Examination (2010-2016).	30
FIGURE EXAM.2 – Overall annual pass rate of individual attempts (total sittings) at Specialty Specific Surgical Science Examination (2010-2016)	31
FIGURE EXAM. 3 – Overall annual pass rate of individual attempts (total sittings) at Clinical Examination (2010-2016)	32
FIGURE EXAM.4 – Overall Fellowship Examination pass rate of SET Trainees and IMGs (2010-2016)	36

SECTION FIVE: ACTIVITIES OF WORKFORCE DISTRIBUTION

FIGURE WFD.1 – Total annual number of SET Trainees and International Medical Graduates obtaining RACS Fellowship (2007–2016)	46
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SECTION EIGHT: ACTIVITIES OF CONFERENCE AND EVENTS

FIGURE C&E.1 – Total number of attendees at RACS Annual Scientific Congress (2010–2016)	56
FIGURE SEC.2 – Occupancy of the Skills Laboratory on a seven-day basis in 2016	65
FIGURE SEC.3 – Total number of Skills Laboratory surgical workshop participants in 2016 by specialty	66
FIGURE SEC.4 – Total number of Skills Laboratory workshop participants in 2016 by profession	66

SECTION NINE: ACTIVITIES OF RACS SKILLS AND EDUCATION CENTRE

FIGURE SEC.1 – Surgical workshops held in the Skills Laboratory by specialty (either RACS or external workshop)	57
FIGURE SEC.2 – Occupancy of the Skills Laboratory on a seven-day basis in 2016	57
FIGURE SEC.3 – Total number of Skills Laboratory surgical workshop participants in 2016 by specialty	58
FIGURE SEC.4 – Total number of Skills Laboratory workshop participants in 2016 by profession	58

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
INTP	International Projects
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
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 2016. As with previous reports, the purpose is to provide a comprehensive review of RACS's 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 Standards and Development
- 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 2016, unless otherwise stated.

KEY DEVELOPMENTS FOR 2016

Admissions to Fellowship were slightly higher in 2016 with 269 admissions, an 8% increase on 2015 figures. The proportion of female surgeons in active practice increased by 7.8% in the last year, with women making up 12% of the active surgical workforce. Admissions to Fellowship showed that 26% of surgeons who achieved Fellowship through the SET pathway were female, while for IMG's this was lower at 9%.

There was a total of 252 of successful SET applications in 2016, remaining relatively stable with the previous year.

In 2015 99.9% of Fellows complied with the RACS CPD Program. Failure to comply constitutes a breach of the College's Code of Conduct and is managed via the RACS Sanctions Policy.

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)

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.

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.

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. The participant is assessed by their contribution to the various sections throughout the course, as well as their performance in a 45-minute simulated patient scenario.

EMST

EMST is a requirement for all SET trainees, 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.

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.

TIPS

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.

Faculty

The skills course volunteer workforce increased by 2% (25) from 2015 (1090) to 2016 (1115). Instructors are represented across all disciplines of medicine and surgery, with 120 (11%) teaching on more than one program. Representation of Fellows teaching on skills courses remains at 53% (593) with 4% (40) SET Trainees, 1% (14) International Medical Graduates and the remaining 42% (468) 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.

DATA SUMMARY

There was an 8% decrease of overall course participants from 2015 to 2016 (215).

Due to the enrolment system going online, the waitlists for all programs were discontinued in December 2014. With participants able to enrol directly to their preferred course, rather than submit preferences, applicants are enrolling much closer to the date of the course, and some courses have had to be cancelled due to low enrolments. In 2016, 11 of 157 Skills Courses were cancelled (7%).

ASSET no course cancellations

CCrISP 3 course cancellations (of 34 courses)

EMST 8 course cancellations (of 83 scheduled)

CLEAR no course cancellations

TIPS no course cancellations

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 2016	Total 2015	% Change 15/16
CCrISP Instructor Course	Courses	0	0	0	0	1	0	0	1	0	1	0	0	3	3	0.0
	Instructors	0	0	0	0	6	0	0	8	0	7	0	0	21	20	5.0
	Participants	0	0	0	0	8	0	0	15	0	12	0	0	35	22	59.1
CCrISP Provider Course	Courses	0	3	2	4	0	5	2	4	2	3	2	1	28	33	-15.2
	Instructors	0	39	28	56	0	74	27	49	32	37	23	14	379	409	-7.3
	Participants	0	46	29	64	0	73	32	65	30	45	32	17	433	522	-17.0
EMST ADF Course	Courses	0	1	0	0	0	1	0	1	0	0	1	0	4	4	0.0
	Instructors	0	9	0	0	0	10	0	9	0	0	11	0	39	35	11.4
	Participants	0	15	0	0	0	16	0	15	0	0	13	0	59	64	-7.8
EMST Instructor Course	Courses	0	0	0	1	0	0	0	0	0	0	1	0	2	2	0.0
	Instructors	0	0	0	7	0	0	0	0	0	0	8	0	15	16	-6.3
	Participants	0	0	0	16	0	0	0	0	0	0	15	0	31	31	0.0
EMST Provider Course	Courses	1	6	9	2	10	7	7	6	2	6	7	0	63	71	-11.3
	Instructors	10	57	85	18	97	70	67	56	19	59	66	0	604	656	-7.9
	Participants	17	99	144	32	164	110	110	96	35	94	116	0	1017	1142	-10.9
EMST Refresher Course	Courses	0	0	1	0	1	0	0	1	1	1	1	0	6	6	0.0
	Instructors	0	0	11	0	12	0	0	10	9	9	11	0	62	60	3.3
	Participants	0	0	17	0	16	0	0	15	14	16	15	0	93	93	0.0
ASSET	Courses	0	2	3	0	2	3	1	2	3	3	0	0	19	19	0.0
	Instructors	0	46	62	0	42	60	21	40	48	59	0	0	378	368	2.7
	Participants	0	40	60	0	36	57	20	40	56	61	0	0	370	371	-0.3
CLEAR	Courses	0	1	1	1	2	1	1	1	1	1	1	0	11	11	0.0
	Instructors	0	4	3	4	9	4	4	3	5	5	5	0	46	50	-8.0
	Participants	0	31	18	30	61	23	31	31	32	32	15	0	304	326	-6.7
TIPS Instructor course	Courses	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Instructors	0	0	0	0	0	0	0	0	0	0	0	0	0	4	-100.0
	Participants	0	0	0	0	0	0	0	0	0	0	0	0	0	10	-100.0
TIPS Provider Course	Courses	0	1	1	0	1	1	1	1	1	1	2	0	10	9	11.1
	Instructors	0	9	7	0	10	8	9	10	10	10	17	0	90	83	8.4
	Participants	0	12	12	0	11	12	12	12	12	12	23	0	118	94	25.5
	Courses	1	14	17	8	17	18	12	17	10	16	15	1	146	159	-8.2
Total	Instructors	10	164	196	85	176	226	128	185	123	186	141	14	1634	1701	-3.9
	Participants	17	243	280	142	296	291	205	289	179	272	229	17	2460	2675	-8.0

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 2016	Total 2015	% Change 15/16
CCrISP	Courses	0	0	0	0	0	0	3	0	3	0	0	3	3	0.0
	Instructor	0	0	0	0	0	0	21	0	21	0	0	21	20	5.0
	Course	0	0	0	0	0	0	35	0	35	0	0	35	22	59.1
CCrISP	Courses	1	5	0	5	3	0	7	2	23	5	0	28	33	-15.2
	Provider	11	66	0	70	34	0	97	27	305	74	0	379	409	-7.3
	Course	16	79	0	79	48	0	106	28	356	77	0	433	522	-17.0
EMST ADF	Courses	0	4	0	0	0	0	0	0	4	0	0	4	4	0.0
	Course	0	39	0	0	0	0	0	0	39	0	0	39	35	11.4
	Participants	0	59	0	0	0	0	0	0	59	0	0	59	64	-7.8
EMST	Courses	0	0	0	0	0	0	2	0	2	0	0	2	2	0.0
	Instructor	0	0	0	0	0	0	15	0	15	0	0	15	16	-6.3
	Course	0	0	0	0	0	0	31	0	31	0	0	31	31	0.0
EMST	Courses	2	17	1	12	4	1	11	4	52	10	1	63	71	-11.3
	Provider	20	164	10	111	38	9	108	40	500	96	8	604	656	-7.9
	Course	31	275	16	191	67	17	182	62	841	160	16	1017	1142	-10.9
EMST	Courses	0	2	0	1	1	0	1	0	5	1	0	6	6	0.0
	Refresher	0	22	0	9	10	0	12	0	53	9	0	62	60	3.3
	Course	0	32	0	14	15	0	16	0	77	16	0	93	93	0.0
ASSET	Courses	0	5	0	3	2	0	5	1	16	3	0	19	19	0.0
	Instructor	0	106	0	59	34	0	108	15	322	56	0	378	368	2.7
	Course	0	100	0	61	40	0	101	20	322	48	0	370	371	-0.3
CLEAR	Courses	0	3	0	1	1	0	4	0	9	2	0	11	11	0.0
	Instructor	0	14	0	4	4	0	18	0	40	6	0	46	50	-8.0
	Course	0	92	0	32	23	0	108	0	255	49	0	304	326	-6.7
TIPS	Courses	0	0	0	0	0	0	0	0	0	0	0	0	1	-100.0
	Instructor	0	0	0	0	0	0	0	0	0	0	0	0	4	-100.0
	Course	0	0	0	0	0	0	0	0	0	0	0	0	10	-100.0
TIPS	Courses	0	3	0	1	0	0	4	0	8	2	0	10	9	11.1
	Provider	0	26	0	9	0	0	39	0	74	16	0	90	83	8.4
	Course	0	36	0	12	0	0	47	0	95	23	0	118	94	25.5
	Courses	3	39	1	23	11	1	37	7	122	23	1	146	159	-8.2
Total	Instructors	31	437	10	262	120	9	418	82	1369	257	8	1634	1701	-3.9
	Participants	47	673	16	389	193	17	626	110	2071	373	16	2460	2675	-8.0

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 speciality

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016	Total 2015	% Change 15/16
CAR	0	1	0	3	1	0	4	2	11	1	0	12	15	-20.0
GEN	2	43	1	23	12	7	39	6	133	28	3	164	159	3.1
NEU	0	2	0	3	1	0	0	1	7	0	0	7	6	16.7
ORT	1	18	0	12	2	0	16	1	50	24	0	74	76	-2.6
OTO	0	4	0	3	2	0	0	4	13	5	2	20	18	11.1
PAE	0	3	0	0	1	1	1	1	7	4	0	11	11	0.0
PLA	1	5	0	7	3	0	6	1	23	3	0	26	23	13.0
URO	1	2	0	1	3	1	5	3	16	4	0	20	17	17.6
VAS	0	2	0	1	1	2	4	2	12	2	0	14	14	0.0
Sub Total	5	80	1	53	26	11	75	21	272	71	5	348	339	2.7
IMG	0	0	0	0	0	0	0	0	0	2	0	2	2	0.0
SET	0	1	0	1	0	0	5	0	7	0	0	7	15	-53.3
Other	0	1	0	0	0	0	0	1	2	0	0	2	1	100.0
OPH	0	1	0	0	0	0	0	0	1	0	0	1	3	-66.7
Total	5	83	1	54	26	11	80	22	282	73	5	360	360	0.0

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

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016	Total 2015	% Change 15/16
Anesthesia	0	7	0	5	2	0	8	3	25	21	5	51	47	8.5
Emergency Medicine	4	1	0	7	4	1	3	4	24	2	0	26	26	0.0
General Practice	0	3	0	0	0	0	1	0	4	0	0	4	3	33.3
Intensive Care	3	12	0	3	1	2	3	2	26	3	0	29	26	11.5
Physicians	0	0	0	0	5	0	0	0	5	1	0	6	4	50.0
Surgeons	1	26	0	30	10	5	29	17	118	41	16	175	172	1.7
Other	0	1	0	1	0	0	2	0	4	0	1	5	1	400.0
Total	8	50	0	46	22	8	46	26	206	68	22	296	279	6.1

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

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016	Total 2015	% Change 15/16
Anesthesia	1	31	1	15	5	2	16	8	79	7	3	89	79	12.7
Emergency Medicine	5	41	4	23	16	3	27	27	146	21	0	167	164	1.8
General Practice	0	9	2	15	5	1	8	3	43	3	0	46	45	2.2
Intensive Care	2	6	1	13	7	1	11	2	43	4	1	48	46	4.3
Surgery	4	57	4	25	9	3	29	18	149	26	16	191	180	6.1
Other	0	2	0	0	1	0	0	0	3	0	0	3	1	200.0
Total	12	146	12	91	43	10	91	58	463	61	20	544	515	5.6

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

Course	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	OS	Total 2016	Total 2015	% Change 15/16	
CCriSP	Attended	7	110	0	84	31	4	105	27	368	95	5	468	544	-14.0
	Pass	6	105	0	81	31	4	104	27	358	94	5	457	517	-11.6
	% Pass	85.7	95.5	0.0	96.4	100.0	100.0	99.0	100.0	97.3	98.9	100.0	97.6	95.0	2.7
EMST	Attended	27	275	23	262	86	23	159	86	941	225	34	1200	1314	-8.7
	Pass	25	250	23	241	72	22	147	73	853	209	22	1084	1156	-6.2
	% Pass	92.6	90.9	100.0	92.0	83.7	95.7	92.5	84.9	90.6	92.9	64.7	90.3	88.0	2.7

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 2016	Total 2015
CAR	0	1	0	0	0	0	2	0	3	0	0	3	2
GEN	0	1	0	1	0	3	1	0	6	1	0	7	6
NEU	0	2	0	0	0	0	0	0	2	0	0	2	2
ORT	0	4	0	0	0	0	0	0	4	1	0	5	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	0	0	0	0	0	1	0	1	0	0	1	1
Sub Total	0	9	0	1	0	3	5	0	18	3	0	21	19
CLE	0	2	0	2	0	1	0	0	5	1	0	6	4
Total	0	11	0	3	0	4	5	0	23	4	0	27	23

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

	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016	Total 2015
Anesthesia	0	0	0	0	2	0	0	0	2	0	0	2	2
Emergency Medicine	0	0	0	2	0	0	1	1	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	0	0	0	0	0	0	0	0	0
Physician	0	0	0	0	1	0	0	0	1	0	0	1	1
Surgery	0	8	0	4	4	0	7	1	24	7	1	32	36
Other	0	1	0	2	0	0	3	1	7	0	0	7	7
Total	0	9	0	8	7	0	11	3	38	7	1	46	50

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). The provision of preliminary advice, interviews and reviews occurs only in response to requests from the MCNZ.

The MCNZ has statutory responsibility for the standard set for registration and requests that the College advise whether an IMG's training, qualifications and experience are equivalent to, or as satisfactory as, those of locally trained doctors registered in the same vocational branch of surgery.

A recommendation on the IMG's suitability for the vocational registration pathway, and whether they should be under MCNZ approved supervision while they adjust to working in the New Zealand health environment or under College approved assessment to ensure the IMG is at the required standard, is provided to the MCNZ. The MCNZ considers these recommendations 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 the College and the IMG of its decision.

If the IMG is required to undertake a College approved vocational assessment, the College is asked to approve the post and the supervisor(s) and the supervisor's reports are sent to the College and to the MCNZ. Once all assessment requirements have been completed by the IMG, the College recommends to the MCNZ whether the IMG should be approved for inclusion on the vocational register in the relevant specialty, or not.

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

DATA SUMMARY

There were 65 Australian IMG applications activated in 2016 seeking assessment for comparability against the criteria for an Australian-trained specialist in the same field of specialty practice, which decreased considerably on the number of 2015 IMG applications, where 96 IMGs had applied for assessment.

The number of IMG applications to the Medical Council of New Zealand also decreased in 2016.

There were 118 practising IMGs in Australia on a specialist pathway (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) in 2016.

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 2016
Specialist recognition	2	13	6	14	10	1	9	6	1	62
Area of need	0	0	0	2	1	0	0	0	0	3
Total	2	13	6	16	11	1	9	6	1	65

TABLE IMG.2 – International Medical Graduate Countries of Training

Country ^a	Qualification		Total 2016
	Primary	Secondary	
Argentina	2	2	4
Australia	1	0	1
Brazil	1	1	2
Canada	1	1	2
Colombia	1	1	2
Egypt	2	1	3
Germany	2	2	4
Hong Kong	1	0	1
Hungary	1	0	1
India	14	12	26
Iran	2	1	3
Ireland	3	3	6
Israel	1	2	3
Italy	1	1	2
Japan	1	1	2
Jordan	0	1	1
Lebanon	1	1	2
Malaysia	1	3	4
Pakistan	3	2	5
Palestine	1	0	1
Philippines	1	1	2
Scotland	0	4	4
South Africa	6	6	12
Sri Lanka	1	0	1
Sweden	1	1	2
Syria	1	1	2
United Kingdom	14	16	30
United States of America	1	1	2
Total	65	65	130

^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 2016
No. of IMGs not comparable	0	4	1	4	1	1	2	1	0	14

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 2016
Before initial assessment	0	2	1	1	0	0	0	1	0	5
Between initial and final assessment	0	0	0	0	0	0	0	0	0	0
Total	0	2	1	1	0	0	0	1	0	5

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 2016
Substantially comparable	1	4	0	1	3	1	1	0	0	11
Partially comparable	1	3	2	4	2	0	2	2	1	17
Not comparable	0	4	3	8	1	0	3	2	0	21
In progress	0	2	1	1	4	0	3	2	0	13
Total	2	13	6	14	10	1	9	6	1	62
Application incomplete as at 31/12/2016	0	0	0	0	0	0	0	0	0	0
Applications activated and processed in 2016	2	13	6	14	10	1	9	6	1	62
Total processed	2	13	6	14	10	1	9	6	1	62

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

Clinical assessment – by specialty											
Supervision/oversight period		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2016
Currently under oversight	≤ 12 months	1	5	0	0	2	1	0	0	0	9
	≤ 24 months	0	3	0	0	0	1	0	0	0	4
Currently under supervision	≤ 12 months	0	0	1	1	0	0	1	0	1	4
	≤ 24 months	2	9	0	10	0	0	3	3	1	28
Completed oversight/supervision		3	13	0	12	5	1	4	2	3	43
Total		6	30	1	23	7	3	8	5	5	88

Clinical assessment – by location of residence												
Supervision/oversight period		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	Total 2016
Currently under oversight	≤ 12 months	0	0	0	7	2	0	2	0	11	0	11
	≤ 24 months	0	0	0	1	0	0	3	0	4	0	4
Currently under supervision	≤ 12 months	0	1	0	1	1	0	0	0	3	0	3
	≤ 24 months	2	4	1	8	3	0	5	4	27	0	27
Completed oversight/supervision		1	12	2	12	5	0	9	2	43	0	43
Total		3	17	3	29	11	0	19	6	88	0	88

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 2016
Substantially comparable	0	0	0	0	0	0	0	0	0	0
Partially comparable	0	0	0	2	1	0	0	0	0	3
Not comparable	0	0	0	0	0	0	0	0	0	0
In progress	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	2	1	0	0	0	0	3
Application incomplete as at 31/12/2016	0	0	0	0	0	0	0	0	0	0
Applications activated and processed in 2016	0	0	0	2	1	0	0	0	0	3
Total processed	0	0	0	2	1	0	0	0	0	3

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

		Clinical assessment – by specialty									Total 2016
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	1	0	1	0	0	0	0	0	2
Currently under supervision	≤ 12 months	0	0	0	1	0	0	0	0	0	1
	≤ 24 months	0	1	0	2	2	0	0	1	0	6
Completed oversight/supervision		0	6	0	4	3	0	1	0	0	14
Total		0	8	0	8	5	0	1	1	0	23

		Clinical assessment – by location of residence										Total 2016
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	0	0	1	0	0	0	0	1	0	1
	≤ 24 months	0	1	0	0	0	2	2	1	6	0	6
Completed oversight/supervision		0	3	0	2	2	1	3	3	14	0	14
Total		0	4	0	4	2	3	6	4	23	0	23

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 2016
Suitable for area of need position	0	0	0	2	1	0	0	0	0	3
Not suitable for area of need position	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	2	1	0	0	0	0	3

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

		Clinical assessment – by specialty									Total 2016
		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	
Recommended for recognition as specialist	Partially comparable	3	15	11	1	0	0	2	1	2	35
	Substantially comparable	1	6	0	3	6	1	1	0	0	18
Not recommended for recognition as specialist	Partially comparable	0	0	0	0	0	0	0	0	0	0
	Substantially comparable	0	0	0	0	0	0	0	0	0	0
Total		4	21	11	4	6	1	3	1	2	53

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

	2016
0-3 months	37
4-6 months	12
7-9 months	0
9 months +	0
Not finalised	13
Total	62

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

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

	2016
0-3 months	0
4-6 months	3
7-9 months	0
9 months +	0
Not finalised	0
Total	3

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

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

	2016
13-18 months	17
19-24 months	11
25-36 months	10
37-48 months	8
48 months +	7
Total	53

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		2016
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-termed specified training: International Medical Graduate specialist applications by specialty

RACS decision	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2016
Approved	20	34	9	104	21	14	17	12	12	243
Denied	0	1	0	0	0	0	0	0	0	1
Pending	0	0	1	1	0	0	0	0	0	2
Total	20	35	10	105	21	14	17	12	12	246

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

RACS decision	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016
Approved	0	111	4	29	22	1	44	29	240	1	2	243
Denied	0	1	0	0	0	0	0	0	1	0	0	1
Pending	0	2	0	0	0	0	0	0	2	0	0	2
Total	0	114	4	29	22	1	44	29	243	1	2	246

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

	Total 2016
Total number of IMGs practicing in Australia with valid assessment	118

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 2016
Likely to be suitable for vocational pathway	0	5	0	1	0	1	1	1	0	9
Unlikely to be suitable for vocational pathway	0	0	0	0	0	0	0	1	0	1
Unable to determine suitability by documentation only	0	1	0	0	0	0	0	0	0	1
Preliminary advise requests not yet completed	0	0	0	1	1	0	0	0	0	2
Total	0	6	0	2	1	1	1	2	0	13

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 2016
Vocational pathway – supervision (MCNZ approved)	0	1	0	1	2	2	1	2	0	9
Vocational pathway – supervised assessment (College approved)	0	2	0	3	0	0	0	0	0	5
Not suitable for vocational pathway	0	0	0	0	1	0	0	0	0	1
Total	0	3	0	4	3	2	1	2	0	15

Applications yet to achieve interview completion	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2016
Applicants awaiting interviews at end of December 2016	0	1	0	0	1	0	0	0	0	2
Interview process incomplete at end of December 2016	0	0	0	1	0	1	0	0	0	2
Application(s) withdrawn prior to interview 2016	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	1	1	1	0	0	0	4

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

IMGs under College approved vocational assessment in 2016	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2016
For full scope registration	1	4	2	3	0	0	1	0	0	11
For restricted scope registration	0	0	0	0	0	0	0	0	0	0
Total	1	4	2	3	0	0	1	0	0	11

College approved vocational assessments completed in 2016	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2016
To satisfactory standard	0	1	2	0	0	0	0	0	0	3
Not to satisfactory standard	0	0	0	0	1	0	0	0	0	0
Withdrawn from program	0	0	0	0	0	0	0	0	0	0
Total	0	1	2	0	0	0	0	0	0	3

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 2016
Recommendation altered	0	0	0	0	0	0	0	0	0	0
Recommendation not altered	0	0	0	0	1	0	0	0	0	1
In progress	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	0	0	0	1

MCNZ decision of RACS review	CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2016
RACS review accepted by MCNZ	0	0	0	0	0	0	0	0	0	0
RACS review not accepted by MCNZ	0	0	0	0	0	0	0	0	0	0
In progress	0	0	0	0	0	0	0	0	0	0
Total	0									

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.

DATA SUMMARY

SET Applications

SET applications declined in 2016 by 16%, with a reduction in applications to all specialties except Otolaryngology, Head and Neck Surgery (OHN), possibly due to the introduction of the Generic Surgical Sciences Examination as a pre-requisite for all specialties except OHN.

The Australian Orthopaedic Association (AOA) 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). The AOA has not provided hospital post allocation breakdowns for Australian Orthopaedic Trainees. The totals listed in Tables SET.6, SET.13, SET.15 and SET.19 are taken from residential addresses.

There were a total of 252 successful SET applications in 2016, remaining relatively stable with the previous year.

SET Trainees

The number of trainees remained relatively stable, with only a small decrease of 1.2% from 2015 to 2016 observed.

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

		SET	IMG	NON IMG/ Trainee ^b	Fellow	Total 2016	Total 2015	% Change 15/16
CAR	Male	1	0	18	0	19	29	-34.5
	Female	2	0	7	0	9	10	-10.0
	Total	3	0	25	0	28	39	-28.2
GEN	Male	0	0	163	0	163	221	-26.2
	Female	0	0	88	0	88	128	-31.3
	Total	0	0	251	0	251	349	-28.1
NEU	Male	0	0	39	0	39	40	-2.5
	Female	1	0	15	0	16	17	-5.9
	Total	1	0	54	0	55	57	-3.5
ORT ^c	Male	0	0	158	0	158	163	-3.1
	Female	0	0	23	0	23	25	-8.0
	Total	0	0	181	0	181	188	-3.7
OTO	Male	4	0	57	1	62	57	8.8
	Female	2	0	34	0	36	34	5.9
	Total	6	0	91	1	98	91	7.7
PAE	Male	0	0	11	0	11	16	-31.3
	Female	1	0	4	0	5	11	-54.5
	Total	1	0	15	0	16	27	-40.7
PLA	Male	4	0	54	0	58	62	-6.5
	Female	0	0	35	0	35	46	-23.9
	Total	4	0	89	0	93	108	-13.9
URO	Male	4	0	56	0	60	78	-23.1
	Female	1	0	17	0	18	19	-5.3
	Total	5	0	73	0	78	97	-19.6
VAS	Male	5	0	26	0	31	41	-24.4
	Female	0	0	11	0	11	6	83.3
	Total	5	0	37	0	42	47	-10.6
Total	Male	18	0	582	1	601	707	-15.0
	Female	7	0	234	0	241	296	-18.6
	Total	25	0	816	1	842	1003	-16.1

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

^b Non-IMG/Trainee refers to application from non-member of RACS.

^c Australian Orthopaedic Association (AOA) have not specified if there were applicants other than non IMG/Trainees who applied.

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016	Total 2015	% Change 15/16
CAR	Male	0	3	0	3	0	1	7	1	15	3	1	19	29	-34.5
	Female	0	4	0	1	0	0	2	1	8	1	0	9	10	-10.0
	Total	0	7	0	4	0	1	9	2	23	4	1	28	39	-28.2
GEN	Male	5	40	1	43	11	0	39	9	148	15	0	163	221	-26.2
	Female	0	26	2	20	5	0	21	4	78	10	0	88	128	-31.3
	Total	5	66	3	63	16	0	60	13	226	25	0	251	349	-28.1
NEU	Male	0	12	0	7	0	1	10	3	33	5	1	39	40	-2.5
	Female	0	2	0	7	1	0	6	0	16	0	0	16	17	-5.9
	Total	0	14	0	14	1	1	16	3	49	5	1	55	57	-3.5
ORT ^b	Male	–	–	–	–	–	–	–	–	140	18	0	158	163	-3.1
	Female	–	–	–	–	–	–	–	–	19	4	0	23	25	-8.0
	Total	–	–	–	–	–	–	–	–	159	22	0	181	188	-3.7
OTO	Male	1	18	0	13	8	0	14	2	56	6	0	62	57	8.8
	Female	0	7	0	12	2	0	8	1	30	6	0	36	34	5.9
	Total	1	25	0	25	10	0	22	3	86	12	0	98	91	7.7
PAE	Male	1	3	0	2	1	0	1	0	8	3	0	11	16	-31.3
	Female	0	0	0	3	0	0	0	1	4	1	0	5	11	-54.5
	Total	1	3	0	5	1	0	1	1	12	4	0	16	27	-40.7
PLA	Male	3	12	0	5	5	1	17	6	49	9	0	58	62	-6.5
	Female	1	7	0	2	3	0	10	6	29	6	0	35	46	-23.9
	Total	4	19	0	7	8	1	27	12	78	15	0	93	108	-13.9
URO	Male	1	18	0	9	4	0	20	3	55	5	0	60	78	-23.1
	Female	0	7	0	5	0	0	3	0	15	3	0	18	19	-5.3
	Total	1	25	0	14	4	0	23	3	70	8	0	78	97	-19.6
VAS	Male	0	11	0	4	5	0	7	1	28	3	0	31	41	-24.4
	Female	1	1	0	1	1	0	1	4	9	2	0	11	6	83.3
	Total	1	12	0	5	6	0	8	5	37	5	0	42	47	-10.6
Total	Male	11	117	1	86	34	3	115	25	532	67	2	601	707	-15.0
	Female	2	54	2	51	12	0	51	17	208	33	0	241	296	-18.6
	Total	13	171	3	137	46	3	166	42	740	100	2	842	1003	-16.1

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

^b Application data supplied by Australian Orthopaedic Association did not include breakdown of location of residence; totals are included in AUS total figures only

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

No. of applications ^a		SET	SET Deferred	IMG	NON IMG/ Trainee	Fellow	Total 2016	Total 2015	% Change 15/16
1	Male	14	0	0	381	1	396	445	-11.0
	Female	7	0	0	162	0	169	230	-26.5
	Total	21	0	0	543	1	565	675	-16.3
2	Male	2	0	0	49	0	51	78	-34.6
	Female	0	0	0	22	0	22	27	-18.5
	Total	2	0	0	71	0	73	105	-30.5
3	Male	0	0	0	2	0	2	3	-33.3
	Female	0	0	0	4	0	4	0	–
	Total	0	0	0	6	0	6	3	100.0
≥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	16	0	0	432	1	449	526	-14.6
	Female	7	0	0	188	0	195	257	-24.1
	Total	23	0	0	620	1	644	783	-17.8

^a Individual Australian Orthopaedic application information has not been provided to RACS. The 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 No.	Total 2016 ^b
	No.	%	No.	%	No.	%	No.	%	No.	%		
CAR	5	18.5	19	70.4	0	0.0	0	0.0	3	11.1	1	27
GEN	101	41.1	73	29.7	0	0.0	3	1.2	69	28.0	5	246
NEU	11	20.0	13	23.6	0	0.0	1	1.8	30	54.5	0	55
ORT	55	30.4	126	69.6	0	0.0	0	0.0	0	0.0	0	181
OTO	16	16.5	35	36.1	0	0.0	0	0.0	46	47.4	1	97
PAE	7	43.8	4	25.0	0	0.0	0	0.0	5	31.3	0	16
PLA	24	25.8	65	69.9	0	0.0	1	1.1	3	3.2	0	93
URO	16	20.5	18	23.1	0	0.0	0	0.0	44	56.4	0	78
VAS	9	22.0	29	70.7	0	0.0	1	2.4	2	4.9	1	41
Total	244	29.3	382	45.8	0	0.0	6	0.7	202	24.2	8	834
Applicant type^c												
SET	5	20.8	16	66.7	0	0.0	0	0.0	3	12.5	1	24
Fellow	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	1
IMG	0	–	0	–	0	–	0	–	0	–	0	0
Non IMG/Trainee ^c	239	29.5	365	45.1	0	0.0	6	0.7	199	24.6	7	809
Total^b	244	29.3	382	45.8	0	0.0	6	0.7	202	24.2	8	834

^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.

^c Application data supplied by Australian Orthopaedic Association did not include breakdown of type, numbers have been included in Non IMG/Trainee. NZ ORT applicants were all Non IMG/Trainee.

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 2016	Total 2015
CAR	Male	0	2	0	0	0	1	2	0	5	0	0	5	5
	Female	0	0	0	0	0	0	1	0	1	0	0	1	3
	Total	0	2	0	0	0	1	3	0	6	0	0	6	8
GEN	Male	2	20	0	10	7	0	15	5	59	14	0	73	55
	Female	0	8	1	5	2	0	7	2	25	8	0	33	39
	Total	2	28	1	15	9	0	22	7	84	22	0	106	94
NEU	Male	0	5	0	1	0	0	3	2	11	0	0	11	10
	Female	0	0	0	0	0	0	0	0	0	0	0	0	1
	Total	0	5	0	1	0	0	3	2	11	0	0	11	11
ORT	Male	2	13	0	13	4	0	9	2	43	9	0	52	49
	Female	0	1	0	0	1	0	0	1	3	0	0	3	11
	Total	2	14	0	13	5	0	9	3	46	9	0	55	60
OTO	Male	0	4	0	3	0	0	1	0	8	3	0	11	8
	Female	0	1	0	3	0	0	0	1	5	1	0	6	3
	Total	0	5	0	6	0	0	1	1	13	4	0	17	11
PAE	Male	0	0	0	1	0	0	1	0	2	2	0	4	3
	Female	0	0	0	2	0	0	0	0	2	1	0	3	4
	Total	0	0	0	3	0	0	1	0	4	3	0	7	7
PLA	Male	0	4	0	2	3	0	2	0	11	4	0	15	15
	Female	0	2	0	1	1	0	2	3	9	0	0	9	6
	Total	0	6	0	3	4	0	4	3	20	4	0	24	21
URO	Male	0	5	0	1	1	0	2	0	9	2	0	11	25
	Female	0	2	0	0	0	0	1	0	3	2	0	5	4
	Total	0	7	0	1	1	0	3	0	12	4	0	16	29
VAS	Male	0	1	0	1	2	0	3	0	7	1		8	9
	Female	0	0	0	0	1	0	0	0	1	1	0	2	1
	Total	0	1	0	1	3	0	3	0	8	2	0	10	10
Total	Male	4	54	0	32	17	1	38	9	155	35	0	190	179
	Female	0	14	1	11	5	0	11	7	49	13	0	62	72
	Total	4	68	1	43	22	1	49	16	204	48	0	252	251

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

Trainee status		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016	Total 2015	% Change 15/16
Clinical	Male	8	238	7	130	44	8	183	65	683	117	0	800	809	
	Female	3	100	3	43	19	5	74	16	263	45	1	309	311	
	Total	11	338	10	173	63	13	257	81	946	162	1	1109	1120	-1.0
Accredited Research	Male	0	0	0	0	0	0	1	0	1	0	0	1	2	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	2	
	Total	0	0	0	0	0	0	1	0	1	0	0	1	4	-75.0
Part Time	Male	1	0	0	0	0	0	0	0	1	0	0	1	0	
	Female	1	2	0	0	0	0	0	0	3	0	0	3	3	
	Total	2	2	0	0	0	0	0	0	4	0	0	4	3	33.3
Probationary	Male	0	3	0	1	0	0	8	0	12	0	0	12	9	
	Female	0	2	0	2	1	0	1	0	6	0	0	6	2	
	Total	0	5	0	3	1	0	9	0	18	0	0	18	11	63.6
Exam Pending	Male	1	8	0	0	4	0	4	1	18	5	0	23	26	
	Female	0	4	0	1	3	0	0	0	8	0	0	8	13	
	Total	1	12	0	1	7	0	4	1	26	5	0	31	39	-20.5
Total	Male	10	249	7	131	48	8	196	66	715	122	0	837	846	
	Female	4	108	3	46	23	5	75	16	280	45	1	326	331	
	Total	14	357	10	177	71	13	271	82	995	167	1	1163	1177	-1.2

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

Trainee status		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016	Total 2015	% Change 15/16
Approved interruption to training	Male	0	7	0	5	3	1	5	1	22	3	0	25	31	
	Female	0	8	0	5	0	0	10	2	25	7	0	32	27	
	Total	0	15	0	10	3	1	15	3	47	10	0	57	58	-1.7
Deferred	Male	0	4	0	1	3	0	2	0	10	3	0	13	4	
	Female	0	1	0	0	0	0	1	0	2	0	0	2	0	
	Total	0	5	0	1	3	0	3	0	12	3	0	15	4	275.0
Suspended	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Total	Male	0	11	0	6	6	1	7	1	32	6	0	38	35	
	Female	0	9	0	5	0	0	11	2	27	7	0	34	27	
	Total	0	20	0	11	6	1	18	3	59	13	0	72	62	16.1

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

Trainee status		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2016	Total 2015	% Change 15/16
Clinical	Male	26	266	31	239	53	13	60	76	36	800	809	
	Female	9	146	12	34	31	18	29	22	8	309	311	
	Total	35	412	43	273	84	31	89	98	44	1109	1120	-1.0
Accredited Research	Male	1	0	0	0	0	0	0	0	0	1	2	
	Female	0	0	0	0	0	0	0	0	0	0	2	
	Total	1	0	0	0	0	0	0	0	0	1	4	-75.0
Part Time	Male	0	1	0	0	0	0	0	0	0	1	0	
	Female	0	3	0	0	0	0	0	0	0	3	3	
	Total	0	4	0	0	0	0	0	0	0	4	3	33.3
Probationary	Male	1	0	2	0	2	0	2	4	1	12	9	
	Female	0	0	1	0	1	0	2	2	0	6	2	
	Total	1	0	3	0	3	0	4	6	1	18	11	63.6
Exam Pending	Male	2	11	0	6	0	0	3	0	1	23	26	
	Female	0	6	0	1	1	0	0	0	0	8	13	
	Total	2	17	0	7	1	0	3	0	1	31	39	-20.5
Total	Male	30	278	33	245	55	13	65	80	38	837	846	
	Female	9	155	13	35	33	18	31	24	8	326	331	
	Total	39	433	46	280	88	31	96	104	46	1163	1177	-1.2

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

Trainee status		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2016	Total 2015	% Change 15/16
Approved Interruption to training	Male	0	14	6	0	3	0	0	1	1	25	31	
	Female	0	18	1	2	1	1	6	1	2	32	27	
	Total	0	32	7	2	4	1	6	2	3	57	58	-1.7
Deferred	Male	1	4	0	1	2	1	0	4	0	13	4	
	Female	0	2	0	0	0	0	0	0	0	2	0	
	Total	1	6	0	1	2	1	0	4	0	15	4	275.0
Suspended	Male	0	0	0	0	0	0	0	0	0	0	0	
	Female	0	0	0	0	0	0	0	0	0	0	0	
	Total	0	0	0	0	0	0	0	0	0	0	0	-
Total	Male	1	18	6	1	5	1	0	5	1	38	35	
	Female	0	20	1	2	1	1	6	1	2	34	27	
	Total	1	38	7	3	6	2	6	6	3	72	62	16.1

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

Specialty	Terminated from SET		Withdrawn from SET		Other		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
CAR	0	0	0	1	0	0	0	1
GEN	8	6	1	3	0	0	9	9
NEU	2	0	0	0	0	0	2	0
ORT	2	0	0	0	0	0	2	0
OTO	1	0	1	0	0	0	2	0
PAE	0	0	0	1	0	0	0	1
PLA	1	0	0	1	0	0	1	1
URO	1	1	0	0	0	0	1	1
VAS	1	1	0	0	0	0	1	1
Total	16	8	2	6	0	0	18	14

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

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

Year	Terminated from SET		Withdrawn from SET		Other		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
Year 1	0	0	0	1	0	0	0	1
Year 2	8	6	2	1	0	0	10	7
Year 3	0	1	0	3	0	0	0	4
Year 4	1	0	0	0	0	0	1	0
Year 5	0	0	0	1	0	0	0	1
Year 6+	7	1	0	0	0	0	7	1
Total	16	8	2	6	0	0	18	14

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

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

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	6	5	0	3	0	0	6	8
NT	0	0	0	0	0	0	0	0
QLD	3	2	0	2	0	0	3	4
SA	1	0	0	1	0	0	1	1
TAS	0	0	0	0	0	0	0	0
VIC	2	1	1	0	0	0	3	1
WA	2	0	1	0	0	0	3	0
AUS	14	8	2	6	0	0	16	14
NZ	2	0	0	0	0	0	2	0
O/S	0	0	0	0	0	0	0	0
Total	16	8	2	6	0	0	18	14

^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

Age group		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016
<35	Male	6	142	7	79	33	5	123	30	425	83	0	508
	Female	0	72	2	30	11	4	59	12	190	29	1	220
	Total	6	214	9	109	44	9	182	42	615	112	1	728
35 – 39	Male	4	82	0	42	12	3	55	25	223	32	0	255
	Female	4	24	0	14	10	1	12	3	68	13	0	81
	Total	8	106	0	56	22	4	67	28	291	45	0	336
40 – 44	Male	0	21	0	8	1	0	16	10	56	4	0	60
	Female	0	10	1	2	2	0	4	0	19	3	0	22
	Total	0	31	1	10	3	0	20	10	75	7	0	82
45 – 49	Male	0	1	0	1	1	0	1	1	5	1	0	6
	Female	0	2	0	0	0	0	0	1	3	0	0	3
	Total	0	3	0	1	1	0	1	2	8	1	0	9
50 – 54	Male	0	2	0	1	1	0	1	0	5	1	0	6
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	2	0	1	1	0	1	0	5	1	0	6
55+	Male	0	1	0	0	0	0	0	0	1	1	0	2
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	1	0	0	0	0	0	0	1	1	0	2
Total	Male	10	249	7	131	48	8	196	66	715	122	0	837
	Female	4	108	3	46	23	5	75	16	280	45	1	326
	Total	14	357	10	177	71	13	271	82	995	167	1	1163

Note: 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

Age group		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2016
<35	Male	19	166	20	144	32	9	36	54	28	508
	Female	6	103	8	23	21	12	20	20	7	220
	Total	25	269	28	167	53	21	56	74	35	728
35 – 39	Male	8	87	11	79	17	3	22	21	7	255
	Female	3	39	4	10	8	4	9	4	0	81
	Total	11	126	15	89	25	7	31	25	7	336
40 – 44	Male	1	20	2	20	6	1	6	2	2	60
	Female	0	10	1	2	4	2	2	0	1	22
	Total	1	30	3	22	10	3	8	2	3	82
45 – 49	Male	0	2	0	1	0	0	1	2	0	6
	Female	0	3	0	0	0	0	0	0	0	3
	Total	0	5	0	1	0	0	1	2	0	9
50 – 54	Male	1	3	0	1	0	0	0	1	0	6
	Female	0	0	0	0	0	0	0	0	0	0
	Total	1	3	0	1	0	0	0	1	0	6
55+	Male	1	0	0	0	0	0	0	0	1	2
	Female	0	0	0	0	0	0	0	0	0	0
	Total	1	0	0	0	0	0	0	0	1	2
Total	Male	30	278	33	245	55	13	65	80	38	837
	Female	9	155	13	35	33	18	31	24	8	326
	Total	39	433	46	280	88	31	96	104	46	1163

Note: 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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016	Total 2015	% Change 15/16
1 Year	Male	4	40	3	26	13	1	39	12	138	21	0	159	147	
	Female	1	24	0	5	3	1	16	4	54	14	0	68	60	
	Total	5	64	3	31	16	2	55	16	192	35	0	227	207	9.7
2 Years	Male	1	41	3	18	7	4	28	15	117	24	0	141	170	
	Female	1	16	2	7	4	1	8	3	42	6	0	48	77	
	Total	2	57	5	25	11	5	36	18	159	30	0	189	247	-23.5
3 Years	Male	2	51	1	25	5	1	38	13	136	26	0	162	164	
	Female	0	17	0	13	4	3	19	4	60	8	0	68	54	
	Total	2	68	1	38	9	4	57	17	196	34	0	230	218	5.5
4 Years	Male	1	50	0	33	11	1	35	12	143	20	0	163	173	
	Female	0	21	1	8	4	0	10	2	46	7	0	53	69	
	Total	1	71	1	41	15	1	45	14	189	27	0	216	242	-10.7
5 Years	Male	0	52	0	23	9	1	42	10	137	27	0	164	145	
	Female	2	21	0	10	6	0	15	3	57	8	1	66	51	
	Total	2	73	0	33	15	1	57	13	194	35	1	230	196	17.3
≥ 6 Years	Male	2	15	0	6	3	0	14	4	44	4	0	48	47	
	Female	0	9	0	3	2	0	7	0	21	2	0	23	20	
	Total	2	24	0	9	5	0	21	4	65	6	0	71	67	6.0
Total	Male	10	249	7	131	48	8	196	66	715	122	0	837	846	
	Female	4	108	3	46	23	5	75	16	280	45	1	326	331	
	Total	14	357	10	177	71	13	271	82	995	167	1	1163	1177	-1.2

Note: 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 2016	Total 2015	% Change 15/16
1 Year	Male	0	1	0	2	1	0	1	1	6	0	0	6	3	
	Female	0	0	0	0	0	0	2	1	3	0	0	3	3	
	Total	0	1	0	2	1	0	3	2	9	0	0	9	6	50.0
2 Years	Male	0	1	0	0	0	1	3	0	5	0	0	5	3	
	Female	0	1	0	0	1	0	0	0	2	0	0	2	3	
	Total	0	2	0	0	1	1	3	0	7	0	0	7	6	16.7
3 Years	Male	0	2	0	0	0	0	0	0	2	1	0	3	10	
	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	11	-54.5
4 Years	Male	0	6	0	2	0	0	1	0	9	2	0	11	4	
	Female	0	0	0	0	0	0	1	0	1	0	0	1	1	
	Total	0	6	0	2	0	0	2	0	10	2	0	12	5	140.0
5 Years	Male	0	2	0	0	0	0	0	0	2	1	0	3	4	
	Female	0	0	0	0	0	0	0	0	0	1	0	1	1	
	Total	0	2	0	0	0	0	0	0	2	2	0	4	5	-20.0
≥ 6 Years	Male	0	1	0	0	1	0	0	0	2	0	0	2	2	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total	0	1	0	0	1	0	0	0	2	0	0	2	2	0.0
Total	Male	0	13	0	4	2	1	5	1	26	4	0	30	26	
	Female	0	1	0	0	1	0	4	1	7	2	0	9	9	
	Total	0	14	0	4	3	1	9	2	33	6	0	39	35	11.4

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 2016	Total 2015	% Change 15/16
1 Year	Male	1	10	0	9	1	0	16	2	39	4	0	43	44	
	Female	1	17	0	1	1	0	6	2	28	7	0	35	20	
	Total	2	27	0	10	2	0	22	4	67	11	0	78	64	21.9
2 Years	Male	1	10	3	7	2	0	7	6	36	6	0	42	77	
	Female	0	5	2	3	1	0	3	0	14	3	0	17	41	
	Total	1	15	5	10	3	0	10	6	50	9	0	59	118	-50.0
3 Years	Male	2	21	1	11	3	1	15	7	61	11	0	72	48	
	Female	0	9	0	7	3	2	12	2	35	2	0	37	29	
	Total	2	30	1	18	6	3	27	9	96	13	0	109	77	41.6
4 Years	Male	0	16	0	11	1	0	10	4	42	7	0	49	62	
	Female	0	15	1	4	1	0	5	0	26	3	0	29	28	
	Total	0	31	1	15	2	0	15	4	68	10	0	78	90	-13.3
5 Years	Male	0	19	0	6	3	0	16	3	47	11	0	58	49	
	Female	1	9	0	3	1	0	6	2	22	4	0	26	26	
	Total	1	28	0	9	4	0	22	5	69	15	0	84	84	10.5
≥ 6 Years	Male	0	5	0	0	2	0	3	3	13	1	0	14	15	
	Female	0	3	0	2	2	0	4	0	11	0	0	11	9	
	Total	0	8	0	2	4	0	7	3	24	1	0	25	24	4.2
Total	Male	4	81	4	44	12	1	67	25	238	40	0	278	295	
	Female	2	58	3	20	9	2	36	6	136	19	0	155	154	
	Total	6	139	7	64	21	3	103	31	374	59	0	433	449	-3.6

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 2016	Total 2015	% Change 15/16
1 Year	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
2 Years	Male	0	1	0	1	0	0	2	0	4	1	0	5	5	
	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	7	14.3
3 Years	Male	0	1	0	2	0	0	1	0	4	0	0	4	6	
	Female	0	1	0	0	0	1	0	0	2	0	0	2	2	
	Total	0	2	0	2	0	1	1	0	6	0	0	6	8	-25.0
4 Years	Male	0	1	0	0	0	0	1	0	2	0	0	2	4	
	Female	0	1	0	1	0	0	0	0	2	0	0	2	4	
	Total	0	2	0	1	0	0	1	0	4	0	0	4	8	-50.0
5 Years	Male	0	2	0	0	0	0	0	0	2	1	0	3	6	
	Female	1	2	0	1	0	0	0	0	4	0	0	4	1	
	Total	1	4	0	1	0	0	0	0	6	1	0	7	7	0.0
≥ 6 Years	Male	1	2	0	1	0	0	4	1	9	0	0	9	12	
	Female	0	1	0	0	0	0	0	0	1	0	0	1	1	
	Total	1	3	0	1	0	0	4	1	10	0	0	10	13	-23.1
Total	Male	2	9	0	4	1	0	11	2	29	4	0	33	38	
	Female	1	6	0	3	0	1	1	0	12	1	0	13	13	
	Total	3	15	0	7	1	1	12	2	41	5	0	46	51	-9.8

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016	Total 2015	% Change 15/16
1 Year	Male	1	12	0	9	5	0	9	5	41	7	0	48	49	
	Female	0	1	0	1	1	1	5	0	9	2	0	11	5	
	Total	1	13	0	10	6	1	14	5	50	9	0	59	54	9.3
2 Years	Male	0	24	0	8	3	2	9	7	53	7	0	60	41	
	Female	0	2	0	0	2	1	1	0	6	1	0	7	7	
	Total	0	26	0	8	5	3	10	7	59	8	0	67	48	39.6
3 Years	Male	0	10	0	6	0	0	10	2	28	9	0	37	50	
	Female	0	1	0	2	1	0	1	0	5	1	0	6	5	
	Total	0	11	0	8	1	0	11	2	33	10	0	43	55	-21.8
4 Years	Male	1	10	0	8	5	1	8	6	39	8	0	47	55	
	Female	0	1	0	0	1	0	0	0	2	2	0	4	8	
	Total	1	11	0	8	6	1	8	6	41	10	0	51	63	-19.0
5 Years	Male	0	17	0	6	3	1	10	4	41	9	0	50	49	
	Female	0	1	0	3	1	0	2	0	7	0	0	7	5	
	Total	0	18	0	9	4	1	12	4	48	9	0	57	54	5.6
≥ 6 Years	Male	1	1	0	0	0	0	1	0	3	0	0	3	5	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total	1	1	0	0	0	0	1	0	3	0	0	3	5	-40.0
Total	Male	3	74	0	37	16	4	47	24	205	40	0	245	249	
	Female	0	6	0	6	6	2	9	0	29	6	0	35	30	
	Total	3	80	0	43	22	6	56	24	234	46	0	280	279	0.4

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 2016	Total 2015	% Change 15/16
1 Year	Male	0	0	1	0	1	0	3	1	6	2	0	8	9	
	Female	0	2	0	0	1	0	0	0	3	0	0	3	9	
	Total	0	2	1	0	2	0	3	1	9	2	0	11	18	-38.9
2 Years	Male	0	2	0	1	1	0	1	0	5	4	0	9	13	
	Female	1	2	0	1	0	0	0	2	6	1	0	7	8	
	Total	1	4	0	2	1	0	1	2	11	5	0	16	21	-23.8
3 Years	Male	0	7	0	3	0	0	3	0	13	1	0	14	12	
	Female	0	1	0	2	0	0	2	1	6	2	0	8	5	
	Total	0	8	0	5	0	0	5	1	19	3	0	22	17	29.4
4 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	7	
	Total	0	2	0	3	0	0	7	1	13	2	0	15	18	-16.7
5 Years	Male	0	2	0	2	2	0	1	1	8	3	0	11	7	
	Female	0	2	0	1	2	0	3	0	8	0	0	8	1	
	Total	0	4	0	3	4	0	4	1	16	3	0	19	8	137.5
≥ 6 Years	Male	0	1	0	0	0	0	1	0	2	0	0	2	0	
	Female	0	1	0	1	0	0	0	0	2	1	0	3	3	
	Total	0	2	0	1	0	0	1	0	4	1	0	5	3	66.7
Total	Male	0	14	1	9	4	0	14	2	44	11	0	55	52	
	Female	1	8	0	5	3	0	7	4	28	5	0	33	33	
	Total	1	22	1	14	7	0	21	6	72	16	0	88	85	3.5

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 2016	Total 2015	% Change 15/16
1 Year	Male	0	1	1	0	0	0	0	0	2	0	0	2	4	
	Female	0	1	0	2	0	0	0	0	3	1	0	4	2	
	Total	0	2	1	2	0	0	0	0	5	1	0	6	6	0.0
2 Years	Male	0	0	0	0	1	0	2	0	3	1	0	4	1	
	Female	0	0	0	1	0	0	0	1	2	0	0	2	3	
	Total	0	0	0	1	1	0	2	1	5	1	0	6	4	50.0
3 Years	Male	0	1	0	0	0	0	0	0	1	0	0	1	4	
	Female	0	1	0	1	0	0	0	0	2	0	0	2	2	
	Total	0	2	0	1	0	0	0	0	3	0	0	3	6	-50.0
4 Years	Male	0	0	0	1	1	0	1	0	3	1	0	4	0	
	Female	0	1	0	1	0	0	0	0	2	0	0	2	4	
	Total	0	1	0	2	1	0	1	0	5	1	0	6	4	50.0
5 Years	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Female	0	3	0	0	0	0	1	0	4	0	0	4	4	
	Total	0	3	0	0	0	0	1	0	4	0	0	4	4	0.0
≥ 6 Years	Male	0	1	0	0	0	0	1	0	2	0	0	2	2	
	Female	0	2	0	0	0	0	2	0	4	0	0	4	2	
	Total	0	3	0	0	0	0	3	0	6	0	0	6	4	50.0
Total	Male	0	3	1	1	2	0	4	0	11	2	0	13	11	
	Female	0	8	0	5	0	0	3	1	17	1	0	18	17	
	Total	0	11	1	6	2	0	7	1	28	3	0	31	28	10.7

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 2016	Total 2015	% Change 15/16
1 Year	Male	0	5	1	2	2	0	3	1	14	1	0	15	13	
	Female	0	0	0	1	0	0	3	0	4	3	0	7	6	
	Total	0	5	1	3	2	0	6	1	18	4	0	22	19	15.8
2 Years	Male	0	1	0	0	0	1	4	2	8	3	0	11	9	
	Female	0	2	0	1	0	0	0	0	3	1	0	4	7	
	Total	0	3	0	1	0	1	4	2	11	4	0	15	16	-6.3
3 Years	Male	0	3	0	1	0	0	2	1	7	1	0	8	14	
	Female	0	3	0	1	0	0	1	0	5	1	0	6	5	
	Total	0	6	0	2	0	0	3	1	12	2	0	14	19	-26.3
4 Years	Male	0	5	0	1	2	0	3	2	13	1	0	14	14	
	Female	0	1	0	0	1	0	2	0	4	1	0	5	10	
	Total	0	6	0	1	3	0	5	2	17	2	0	19	24	-20.8
5 Years	Male	0	4	0	2	1	0	6	2	15	1	0	16	13	
	Female	0	2	0	0	2	0	1	1	6	2	1	9	6	
	Total	0	6	0	2	3	0	7	3	21	3	1	25	19	31.6
≥ 6 Years	Male	0	0	0	0	0	0	1	0	1	0	0	1	1	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total	0	0	0	0	0	0	1	0	1	0	0	1	1	0.0
Total	Male	0	18	1	6	5	1	19	8	58	7	0	65	64	
	Female	0	8	0	3	3	0	7	1	22	8	1	31	34	
	Total	0	26	1	9	8	1	26	9	80	15	1	96	98	-2.0

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 2016	Total 2015	% Change 15/16
1 Year	Male	0	7	0	4	2	1	1	1	16	4	0	20	4	
	Female	0	2	0	0	0	0	0	1	3	0	0	3	3	
	Total	0	9	0	4	2	1	1	2	19	4	0	23	7	228.6
2 Years	Male	0	1	0	0	0	0	0	0	1	0	0	1	12	
	Female	0	0	0	0	0	0	2	0	2		0	2	6	
	Total	0	1	0	0	0	0	2	0	3	0	0	3	18	-83.3
3 Years	Male	0	3	0	1	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	4	0	1	1	0	4	2	12	3	0	15	20	-25.0
4 Years	Male	0	4	0	5	1	0	5	0	15	0	0	15	22	
	Female	0	2	0	1	1	0	0	1	5	0	0	5	8	
	Total	0	6	0	6	2	0	5	1	20	0	0	20	30	-33.3
5 Years	Male	0	6	0	6	0	0	7	0	19	1	0	20	17	
	Female	0	2	0	2	0	0	2	0	6	1	0	7	4	
	Total	0	8	0	8	0	0	9	0	25	2	0	27	21	28.6
≥ 6 Years	Male	0	3	0	5	0	0	3	0	11	2	0	13	10	
	Female	0	1	0	0	0	0	1	0	2	1	0	3	4	
	Total	0	4	0	5	0	0	4	0	13	3	0	16	14	14.3
Total	Male	0	24	0	21	4	1	19	2	71	9	0	80	80	
	Female	0	8	0	3	1	0	6	3	21	3	0	24	30	
	Total	0	32	0	24	5	1	25	5	92	12	0	104	110	-5.5

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 2016	Total 2015	% Change 15/16
1 Year	Male	1	2	0	0	0	0	3	0	6	1	0	7	5	
	Female	0	1	0	0	0	0	0	0	1	0	0	1	6	
	Total	1	3	0	0	0	0	3	0	7	1	0	8	11	-27.3
2 Years	Male	0	1	0	1	0	0	0	0	2	2	0	4	12	
	Female	0	3	0	0	0	0	1	0	4	0	0	4	0	
	Total	0	4	0	1	0	0	1	0	6	2	0	8	12	-33.3
3 Years	Male	0	3	0	1	1	0	4	2	11	1	0	12	7	
	Female	0	0	0	0	0	0	1	0	1	0	0	1	2	
	Total	0	3	0	1	1	0	5	2	12	1	0	13	9	44.4
4 Years	Male	0	6	0	2	1	0	1	0	10	0	0	10	3	
	Female	0	0	0	1	0	0	0	0	1	0	0	1	0	
	Total	0	6	0	3	1	0	1	0	11	0	0	11	3	266.7
5 Years	Male	0	0	0	1	0	0	2	0	3	0	0	3	3	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	2	
	Total	0	0	0	1	0	0	2	0	3	0	0	3	5	-40.0
≥ 6 Years	Male	0	1	0	0	0	0	0	0	1	1	0	2	1	
	Female	0	1	0	0	0	0	0	0	1	0	0	1	1	
	Total	0	2	0	0	0	0	0	0	2	1	0	3	2	50.0
Total	Male	1	13	0	5	2	0	10	2	33	5	0	38	31	
	Female	0	5	0	1	0	0	2	0	8	0	0	8	11	
	Total	1	18	0	6	2	0	12	2	41	5	0	46	42	9.5

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.

Fellowship Examinations

Numbers reflected in the Fellowship Examination reports are representative of the exams held in Australia and New Zealand in May and September 2016 and have been reported with respect to:

- Pass rate based on total sittings and annual pass rate based on individual candidate sittings
- 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 to date attempts to pass the Fellowship Examination (all candidates presenting in 2016 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.

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 2016 (including all attempts).

All specialty specific examinations are presented in the one table and indicate all sittings and all attempts. Held concurrently with the GSSE, the Specialty Specific Examination is conducted for Neurosurgery, Otolaryngology Head and Neck Surgery, Urology and Vascular Surgery. In 2015, 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. 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.

Changes to data reporting in Tables EXAM.6 and EXAM.7

Tables EXAM.6 and EXAM.7 are reporting pass rates, accounting for total sittings of the Fellowship Exam within the calendar year. Previous years Activities Reports have reported the annual pass rate, reflecting the success of the individual candidate passing.

From 2016, Exam Table 8 will report the pass rate (total sittings) for female and male candidates. The numbers represented include SET trainees and IMGs who sat and passed the Fellowship Exam within the calendar year by specialty. Activities Reports from previous years have not reported this information.

DATA SUMMARY

Generic and Specialty Specific Surgical Science Examinations

Compared to 2015, there was a decrease in the numbers presenting for SET trainees for the GSSE and speciality specific examinations as a result of a reduced 2015 intake into SET. In addition, the Board in General Surgery has replaced the speciality specific examination in General Surgery with Surgical Education and Assessment Modules (SEAM) as from the 2015 intake; SEAM is not reported by RACS.

The number of SET trainees who presented for the GSSE in 2016 decreased as a result of the GSSE being removed from SET. Despite the decrease in numbers, performance in the GSSE has increased by 17.6 percentage points in the pass rate as compared to 2015. The number of SET trainees who presented for the speciality specific examinations has also decreased in 2016 and there has been a slight decrease (9.6 percentage points) in the pass rate since 2015.

In 2016, there was a significant increase in the number of prevocational doctors who presented for the GSSE with 1170 presenting as compared to 701 in 2015. The overall pass rate for this group is 71.6%, having decreased slightly (3.8 percentage points) as compared to 2015. The 2016 total candidate number includes candidates who presented for the GSSE more than once in the year. The pass rate for first attempt increased to 76.8% and second attempt increased to 55.3%.

Clinical Examination

In 2016, the pass rate for the Clinical Examination was 83.7%, indicating a decrease of 10.3 percentage points despite an increase in candidate numbers as compared to 2015. The decrease in pass rate follows a standard setting review by the CE committee, following the June 2015 clinical exam, as concerns were raised by the Committee about the number of SET trainees passing the examination who subsequently struggle in other aspects of assessment and performance in surgical training. Following this review, the standard setting was increased for the 2016 exams onwards, hence the decrease in pass rate.

Fellowship Examination

At 69% the overall SET trainees pass rate for the Fellowship Examination (Table EXAM.4) has increased by 4.6 percentage points in 2016 as compared to 2015. There has been an increase in the total numbers those sitting for both SET trainees and IMGs as compared to 2015. The overall pass rate for SET trainees continues to vary between specialties (Table EXAM.6). The overall pass rate for IMGs remains low but the significant variances between the pass rates per speciality and the numbers sitting (1-28) should be noted (Table EXAM.7).

Compared to 2015, the pass rate has increased for first and second attempts (Table EXAM.9). Neurosurgery (91%) and Paediatric Surgery (100%) had the highest pass rate for first attempt but the small numbers sitting of these two specialties should be noted. The numbers take into consideration both SET trainees and IMGs. Cardiothoracic Surgery (75%), General Surgery (73%), Orthopaedic Surgery (78%), Otolaryngology Head and Neck Surgery (79%), Urology (74%) and Vascular Surgery (70%) had similar annual pass rates for first attempt. Plastic & Reconstructive Surgery pass rate for first attempt (62%) decreased by 13 percentage points from 2015 and is the lowest of all specialties.

The eventual Fellowship Examination pass rate (Table Exams 5) for SET trainees is similar across the last four trainee cohorts, with an eventual pass rate of 96% or higher. Since 2015, the eventual pass rate of the IMGs cohort (within a five year period since their first attempt) remains stable with a slight decrease (2.2 percentage points).

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

TABLE EXAM.1 – 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 2016	% Pass
CAR	Sat	0	0	0	0	2	0	4	1	7	1	0	8	75.0
	Pass	0	0	0	0	2	0	2	1	5	1	0	6	
GEN	Sat	3	16	0	13	3	0	12	1	48	2	0	50	66.0
	Pass	2	12	0	6	3	0	7	1	31	2	0	33	
NEU	Sat	0	1	0	1	1	0	3	0	6	0	0	6	100.0
	Pass	0	1	0	1	1	0	3	0	6	0	0	6	
ORT	Sat	1	21	0	9	3	1	10	3	48	4	0	52	86.5
	Pass	1	18	0	8	3	1	7	3	41	4	0	45	
OTO	Sat	0	3	0	1	1	0	3	1	9	1	0	10	90.0
	Pass	0	2	0	1	1	0	3	1	8	1	0	9	
PAE	Sat	1	0	0	1	1	0	0	0	3	2	0	5	100.0
	Pass	1	0	0	1	1	0	0	0	3	2	0	5	
PLA	Sat	0	4	0	2	0	0	2	0	8	0	0	8	100.0
	Pass	0	4	0	2	0	0	2	0	8	0	0	8	
URO	Sat	0	1	0	0	1	1	4	1	8	0	0	8	100.0
	Pass	0	1	0	0	1	1	4	1	8	0	0	8	
VAS	Sat	0	8	0	1	2	1	0	1	13	1	0	14	50.0
	Pass	0	3	0	1	2	0	0	0	6	1	0	7	
	Sat	5	54	0	28	14	3	38	8	150	11	0	161	
Total	Pass	4	41	0	20	14	2	28	7	116	11	0	127	
	% Pass	80.0	75.9	–	71.4	100.0	66.7	73.7	87.5	77.3	100.0	–	78.9	

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 (2010-2016)

Pass Rate (%)

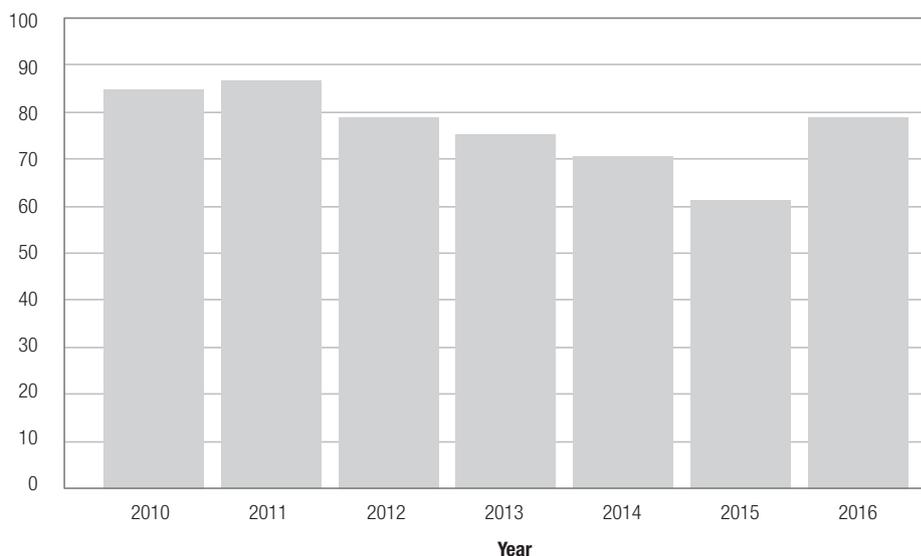


TABLE EXAM.2 – Pass rate of individual attempts (total sittings) at Specialty Specific Surgical Science Examination by specialty and location

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016	% Pass
CAR (CSSP)	Sat	0	1	0	0	1	0	3	0	5	1	0	6	66.7
	Pass	0	1	0	0	1	0	2	0	4	0	0	4	
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	1	0	0	2	1	0	3	0	7	0	0	7	57.1
	Pass	0	0	0	1	1	0	2	0	4	0	0	4	
ORT (OPBS)	Sat	1	23	0	12	8	1	9	9	63	11	0	74	71.6
	Pass	0	13	0	9	7	1	6	6	42	11	0	53	
OTO	Sat	0	3	0	0	2	0	4	1	10	4	0	14	64.3
	Pass	0	2	0	0	0	0	3	1	6	3	0	9	
PAE (PAEE)	Sat	0	3	0	2	2	0	1	1	9	1	0	10	80.0
	Pass	0	2	0	2	1	0	1	1	7	1	0	8	
PAE (PPPE)	Sat	0	3	0	3	0	0	1	1	8	0	0	8	87.5
	Pass	0	2	0	3	0	0	1	1	7	0	0	7	
PLA (PRSSP)	Sat	0	5	0	1	2	0	5	3	16	3	0	19	94.7
	Pass	0	5	0	1	1	0	5	3	15	3	0	18	
URO	Sat	0	5	0	5	2	1	5	1	19	2	0	21	90.5
	Pass	0	4	0	4	2	1	5	1	17	2	0	19	
VAS	Sat	0	4	0	1	0	0	0	1	6	1	0	7	42.9
	Pass	0	1	0	1	0	0	0	0	2	1	0	3	
	Sat	2	47	0	26	18	2	31	17	143	23	0	166	
Total	Pass	0	30	0	21	13	2	25	13	104	21	0	125	
	% Pass	0.0	63.8	–	80.8	72.2	100.0	80.6	76.5	72.7	91.3	–	75.3	

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

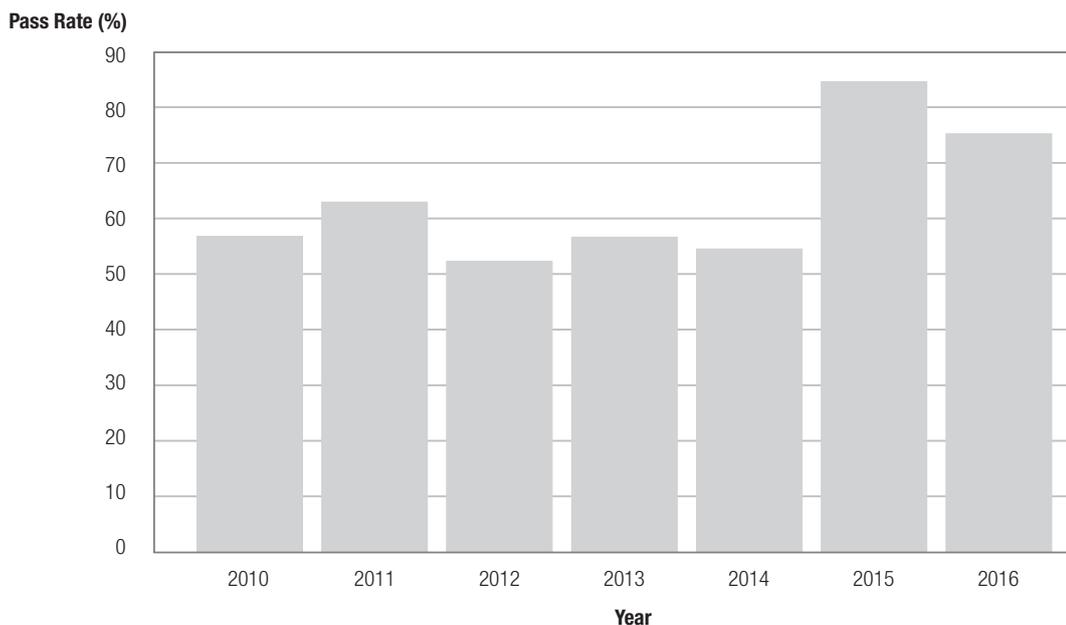
FIGURE EXAM.2 – Overall annual pass rate of individual attempts (total sittings) at Specialty Specific Surgical Science Examination (2010-2016)

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 2016	% Pass
CAR	Sat	0	3	0	0	0	0	4	1	8	2	0	10	80.0
	Pass	0	2	0	0	0	0	4	1	7	1	0	8	
GEN	Sat	2	29	0	12	9	2	14	7	75	11	0	86	81.4
	Pass	1	24	0	7	8	1	12	6	59	11	0	70	
NEU	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	
ORT	Sat	2	24	0	8	6	1	14	5	60	9	0	69	88.4
	Pass	2	22	0	8	4	1	13	4	54	7	0	61	
OTO	Sat	1	7	0	0	2	0	3	1	14	0	0	14	85.7
	Pass	1	5	0	0	2	0	3	1	12	0	0	12	
PAE	Sat	1	2	0	3	1	0	1	0	8	2	0	10	100.0
	Pass	1	2	0	3	1	0	1	0	8	2	0	10	
PLA	Sat	0	5	0	2	1	0	4	3	15	4	0	19	78.9
	Pass	0	4	0	1	1	0	4	2	12	3	0	15	
URO	Sat	0	3	0	2	3	0	2	1	11	3	0	14	78.6
	Pass	0	2	0	2	1	0	2	1	8	3	0	11	
VAS	Sat	0	5	0	2	1	0	1	0	9	1	0	10	70.0
	Pass	0	3	0	2	0	0	1	0	6	1	0	7	
Total	Sat	6	78	0	29	23	3	44	18	201	32	0	233	
	Pass	5	64	0	23	17	2	41	15	167	28	0	195	
	% Pass	83.3	82.1	–	79.3	73.9	66.7	93.2	83.3	83.1	87.5	–	83.7	

FIGURE EXAM. 3 – Overall annual pass rate of individual attempts (total sittings) at Clinical Examination (2010-2016)

Pass Rate (%)

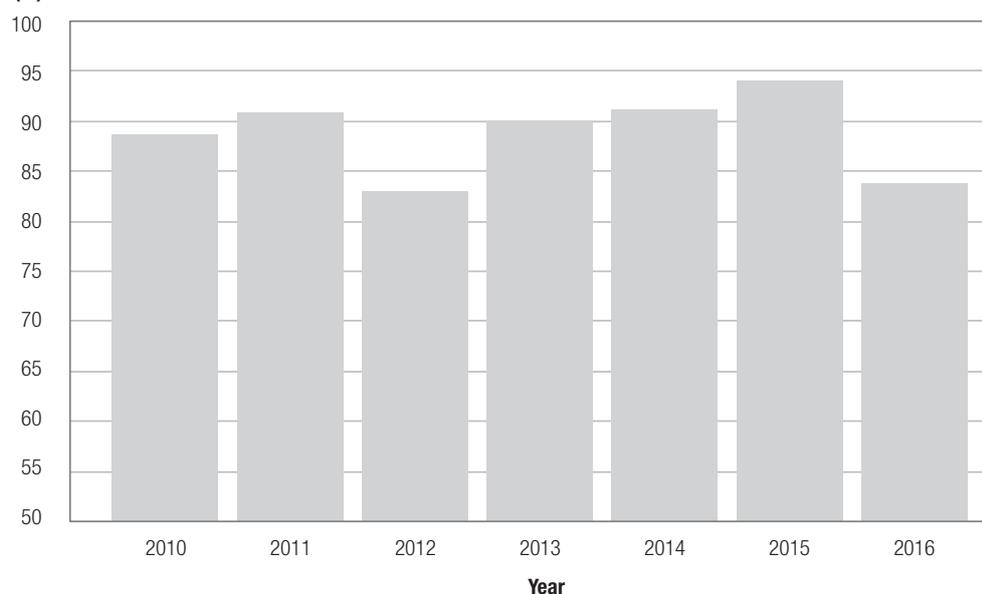


TABLE EXAM.4 – SET and IMG individual attempts and annual pass rate of Fellowship Examinations by specialty

	May (Total sittings)			September (Total sittings)			Pass rate (total sittings) ^a			Annual Pass Rate ^b		
	Sat	Pass	%	Sat	Pass	%	Sat	Pass	%	Sat	Pass	%
CAR	5	4	80.0	3	2	66.7	8	6	75.0	8	6	75.0
GEN	96	68	70.8	49	34	69.4	145	102	70.3	117	102	87.2
NEU	11	9	81.8	4	2	50.0	15	11	73.3	14	11	78.6
ORT	68	46	67.6	34	24	70.6	102	70	68.6	83	70	84.3
OTO	19	14	73.7	7	3	42.9	26	17	65.4	21	17	81.0
PAE	2	1	50.0	3	3	100.0	5	4	80.0	5	4	80.0
PLA	21	13	61.9	15	9	60.0	36	22	61.1	28	22	78.6
URO	11	8	72.7	16	10	62.5	27	18	66.7	25	18	72.0
VAS	11	8	72.7	3	3	100.0	14	11	78.6	11	11	100.0
Total	244	171	70.1	134	90	67.2	378	261	69.0	312	261	83.7

^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 2016.

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).

		2008		2013	% Fellows 08/13	2009		2014	% Fellows 09/14	2010		2015	% Fellows 10/15	2011		2016	% Fellows 11/16
		Initially Sat	Eventual Pass			Initially Sat	Eventual Pass			Initially Sat	Eventual Pass			Initially Sat	Eventual Pass		
CAR	Trainee	2	2	100.0	2	2	100.0	15	14	93.3	2	2	100.0	2	2	100.0	
	IMG	1	1	100.0	2	2	100.0	2	2	100.0	0	0	–	0	0	–	
GEN	Trainee	65	63	96.9	65	62	95.4	60	58	96.7	85	85	100.0	85	85	100.0	
	IMG	8	8	100.0	16	16	100.0	8	6	75.0	7	5	71.4	7	5	71.4	
NEU	Trainee	8	8	100.0	8	8	100.0	9	8	88.9	4	4	100.0	4	4	100.0	
	IMG	2	2	100.0	3	3	100.0	2	2	100.0	3	3	100.0	3	3	100.0	
ORT	Trainee	53	53	100.0	57	57	100.0	61	61	100.0	56	55	98.2	56	55	98.2	
	IMG	7	6	85.7	6	5	83.3	8	7	87.5	5	5	100.0	5	5	100.0	
OTO	Trainee	17	17	100.0	18	17	94.4	23	22	95.7	16	16	100.0	16	16	100.0	
	IMG	2	2	100.0	3	3	100.0	4	3	75.0	1	1	100.0	1	1	100.0	
PAE	Trainee	0	0	–	3	3	100.0	4	4	100.0	4	4	100.0	4	4	100.0	
	IMG	4	4	100.0	1	1	100.0	1	1	100.0	2	1	50.0	2	1	50.0	
PLA	Trainee	11	11	100.0	15	15	100.0	21	19	90.5	26	26	100.0	26	26	100.0	
	IMG	2	2	100.0	2	1	50.0	1	1	100.0	1	1	100.0	1	1	100.0	
URO	Trainee	18	18	100.0	19	19	100.0	20	19	95.0	19	19	100.0	19	19	100.0	
	IMG	3	3	100.0	0	0	0.0	6	6	100.0	2	2	100.0	2	2	100.0	
VAS	Trainee	10	10	100.0	11	11	100.0	9	9	100.0	8	8	100.0	8	8	100.0	
	IMG	1	1	100.0	1	1	100.0	1	1	100.0	0	0	–	0	0	–	
Total	Trainee	184	182	98.9	198	194	98.0	222	214	96.4	220	219	99.5	220	219	99.5	
	IMG	30	29	96.7	34	32	94.1	33	29	87.9	21	18	85.7	21	18	85.7	

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016	% Pass
CAR	Sat	0	4	0	0	0	0	1	0	5	0	0	5	60.0
	Pass	0	2	0	0	0	0	1	0	3	0	0	3	
GEN	Sat	0	41	0	14	6	1	28	10	100	19	0	119	73.1
	Pass	0	25	0	9	6	1	22	7	70	17	0	87	
NEU	Sat	2	5	0	2	0	0	4	1	14	1	0	15	73.3
	Pass	1	2	0	2	0	0	4	1	10	1	0	11	
ORT	Sat	2	29	0	9	4	0	11	6	61	12	1	74	78.4
	Pass	0	19	0	9	4	0	9	6	47	10	1	58	
OTO	Sat	0	6	0	6	3	0	5	2	22	3	0	25	64.0
	Pass	0	6	0	2	3	0	3	1	15	1	0	16	
PAE	Sat	0	2	0	0	0	0	2	0	4	1	0	5	80.0
	Pass	0	2	0	0	0	0	2	0	4	0	0	4	
PLA	Sat	0	4	0	2	3	0	11	4	24	6	3	33	57.6
	Pass	0	3	0	2	2	0	6	2	15	2	2	19	
URO	Sat	0	9	0	4	2	0	5	0	20	4	0	24	70.8
	Pass	0	7	0	2	1	0	5	0	15	2	0	17	
VAS	Sat	0	8	0	2	0	0	2	0	12	0	0	12	75.0
	Pass	0	5	0	2	0	0	2	0	9	0	0	9	
Total	Sat	4	108	0	39	18	1	69	23	262	46	4	312	
	Pass	1	71	0	28	16	1	54	17	188	33	3	224	
	% Pass	25.0	65.7	–	71.8	88.9	100.0	78.3	73.9	71.8	71.7	75.0	71.8	

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 2016	% Pass
CAR	Sat	0	2	0	0	0	0	1	0	3	0	0	3	100.0
	Pass	0	2	0	0	0	0	1	0	3	0	0	3	
GEN	Sat	2	6	2	3	2	0	6	3	24	0	2	26	57.7
	Pass	1	3	2	2	1	0	3	2	14	0	1	15	
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	8	0	9	4	0	5	2	28	0	0	28	42.9
	Pass	0	4	0	5	1	0	2	0	12	0	0	12	
OTO	Sat	0	0	0	0	0	0	0	1	1	0	0	1	100.0
	Pass	0	0	0	0	0	0	0	1	1	0	0	1	
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	1	0	0	1	0	1	0	3	0	0	3	100.0
	Pass	0	1	0	0	1	0	1	0	3	0	0	3	
URO	Sat	0	0	0	0	0	1	2	0	3	0	0	3	33.3
	Pass	0	0	0	0	0	0	1	0	1	0	0	1	
VAS	Sat	0	1	0	0	1	0	0	0	2	0	0	2	100.0
	Pass	0	1	0	0	1	0	0	0	2	0	0	2	
Total	Sat	2	18	2	12	8	1	15	6	64	0	2	66	55.8
	Pass	1	11	2	7	4	0	8	3	36	0	1	37	
	% Pass	50.0	61.1	100.0	58.3	50.0	0.0	53.3	50.0	56.3	–	50.0	56.1	

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 2016	% Pass
Female	Sat	0	32	4	9	11	3	13	5	0	77	63.6
	Pass	0	24	2	6	5	2	7	3	0	49	
Male	Sat	6	78	9	64	12	2	15	15	11	212	70.4
	Pass	6	102	11	70	17	4	22	18	11	261	
Total	Sat	8	145	15	102	26	5	36	27	14	378	
	Pass	6	102	11	70	17	4	22	18	11	261	69.0
	% Pass	75.0	70.3	73.3	68.6	65.4	80.0	61.1	66.7	78.6	69.0	

TABLE EXAM.9 – SET Trainees and IMGs cumulative attempts to pass Fellowship Examination by specialty for candidates presenting in 2016

Attempt Number		CAR	GEN	NEU	ORT	OTO	PAE	PLA	URO	VAS	Total 2016	Total 2015
1	Sat	4	98	11	63	19	3	26	19	10	253	249
	Pass	3	72	10	49	15	3	16	14	7	189	169
	% pass	75	73	91	78	79	100	62	74	70	75	68
2	Sat	2	24	2	21	4	0	8	6	3	70	72
	Pass	2	21	1	12	1	0	6	3	3	49	44
	% pass	100	88	50	57	25	0	75	50	100	70	61
3	Sat	1	10	0	13	0	1	1	1	1	28	27
	Pass	1	6	0	6	0	1	0	0	1	15	16
	% pass	100	60	0	46	0	100	0	0	100	54	59
4	Sat	0	6	1	4	2	0	1	1	0	15	11
	Pass	0	3	0	3	1	0	0	1	0	8	6
	% pass	0	50	0	75	50	0	0	100	0	53	55
5	Sat	1	3	1	0	1	1	0	0	0	7	4
	Pass	0	0	0	0	0	0	0	0	0	0	2
	% pass	0	0	0	0	0	0	0	0	0	0	50
6	Sat	0	1	0	1	0	0	0	0	0	2	1
	Pass	0	0	0	0	0	0	0	0	0	0	0
	% pass	0	0	0	0	0	0	0	0	0	0	0
7	Sat	0	1	0	0	0	0	0	0	0	1	3
	Pass	0	0	0	0	0	0	0	0	0	0	1
	% pass	0	0	0	0	0	0	0	0	0	0	33
8	Sat	0	0	0	0	0	0	0	0	0	0	1
	Pass	0	0	0	0	0	0	0	0	0	0	0
	% pass	0	0	0	0	0	0	0	0	0	0	0
9	Sat	0	1	0	0	0	0	0	0	0	1	0
	Pass	0	0	0	0	0	0	0	0	0	0	0
	% pass	0	0	0	0	0	0	0	0	0	0	0
10	Sat	0	1	0	0	0	0	0	0	0	1	0
	Pass	0	0	0	0	0	0	0	0	0	0	0
	% pass	0	0	0	0	0	0	0	0	0	0	0
Total	Sat	8	145	15	102	26	5	36	27	14	378	368
	Pass	6	102	11	70	17	4	22	18	11	261	238
	% pass	75.0	70.3	73.3	68.6	65.4	80.0	61.1	66.7	78.6	69.0	64.7

FIGURE EXAM.4 – Overall Fellowship Examination pass rate of SET Trainees and IMGs (2010-2016)

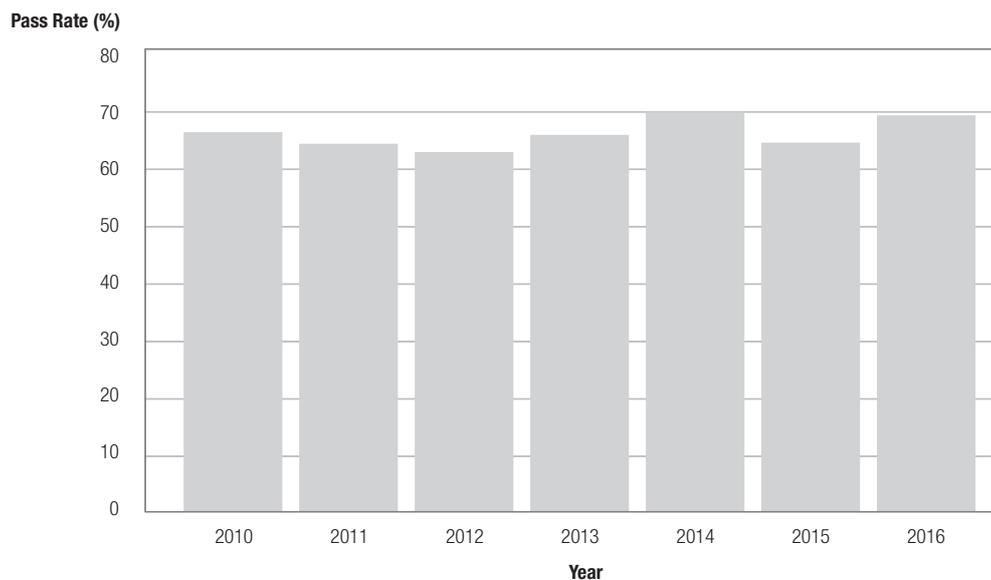


TABLE EXAM.10 – Non-SET cumulative attempts to pass Generic Surgical Science Examination by location

Attempt Number		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS TOTAL	NZ	O/S	Total 2016
1	Sat	21	241	3	149	62	11	193	75	755	142	2	899
	Pass	18	183	1	110	45	6	145	54	562	126	2	690
	% pass	85.7	75.9	33.3	73.8	72.6	54.5	75.1	72.0	74.4	88.7	100.0	76.8
2	Sat	4	54	0	51	12	2	39	14	176	20	1	197
	Pass	2	28	0	31	8	1	26	8	104	5	0	109
	% pass	50.0	51.9	0.0	60.8	66.7	50.0	66.7	57.1	59.1	25.0	0.0	55.3
3	Sat	1	22	0	12	4	2	9	3	53	6	0	59
	Pass	0	11	0	6	2	2	4	2	27	2	0	29
	% pass	0.0	50.0	0.0	50.0	50.0	100.0	44.4	66.7	50.9	33.3	0.0	49.2
4	Sat	1	4	0	1	1	1	0	1	9	1	0	10
	Pass	1	1	0	0	1	0	0	0	3	1	0	4
	% pass	100.0	25.0	0.0	0.0	100.0	0.0	0.0	0.0	33.3	100.0	0.0	40.0
5	Sat	2	2	0	1	1	0	1	0	7	0	0	7
	Pass	0	0	0	0	0	0	1	0	1	0	0	1
	% pass	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	14.3
6	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Sat	0	0	0	0	0	0	0	0	0	1	0	1
	Pass	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	0.0	0.0	0.0	0.0	0.0	0.0
8	Sat	0	0	0	0	0	0	0	0	0	1	0	1
	Pass	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	0.0	0.0	0.0	0.0	0.0	0.0
9	Sat	0	0	0	0	0	0	0	0	0	1	0	1
	Pass	0	0	0	0	0	0	0	0	0	1	0	1
	% pass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0
Total	Sat	29	323	3	215	80	16	242	93	1001	172	3	1176
	Pass	21	223	1	147	56	9	176	64	697	135	2	834
	% pass	72.4	69.0	33.3	68.4	70.0	56.3	72.7	68.8	69.6	78.5	66.7	70.9

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 2016 there were 7,254 active and retired Fellows across Australia, New Zealand and overseas (Table WFD.1), 6,181 of whom are active (Table WFD.2).

Admissions to Fellowship were slightly higher in 2016, with 269 SET Trainees and International Medical Graduates obtaining Fellowship, representing an 8% increase on 2015 figures (Table WFD.11). Female surgeons make up 12% of the active surgical workforce, with the proportion of female surgeons in active practice increasing by 7.8% in the last year (Table WFD.3). Admissions to Fellowship showed that 26% of surgeons who achieved Fellowship through the SET pathway were female (Table WFD 9), while for IMG's this was lower at 9% (Table WFD 10).

The proportion of surgeons located in rural or regional areas remains steady (Table WFD.8), with General and Orthopaedic surgeons the most likely to work 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 2016	Total 2015	% Change 15/16
CAR	Male	7	63	0	41	15	4	63	18	211	32	33	276	266	3.8
	Female	0	5	0	2	0	0	6	1	14	3	0	17	15	13.3
	Total	7	68	0	43	15	4	69	19	225	35	33	293	281	4.3
GEN	Male	24	630	17	338	160	29	479	154	1831	274	168	2273	2224	2.2
	Female	3	93	2	43	22	6	80	23	272	41	22	335	308	8.8
	Total	27	723	19	381	182	35	559	177	2103	315	190	2608	2532	3.0
NEU	Male	7	79	0	42	18	7	60	21	234	23	32	289	281	2.8
	Female	1	7	0	9	4	1	8	1	31	1	1	33	32	3.1
	Total	8	86	0	51	22	8	68	22	265	24	33	322	313	2.9
ORT	Male	23	450	5	297	126	23	311	138	1373	272	69	1714	1658	3.4
	Female	3	15	0	8	4	0	16	3	49	15	2	66	62	6.5
	Total	26	465	5	305	130	23	327	141	1422	287	71	1780	1720	3.5
OTO	Male	12	153	2	94	46	7	112	44	470	82	27	579	569	1.8
	Female	0	23	0	9	5	2	20	3	62	17	3	82	80	2.5
	Total	12	176	2	103	51	9	132	47	532	99	30	661	649	1.8
PAE	Male	2	34	0	14	5	3	26	7	91	16	27	134	135	-0.7
	Female	1	12	0	4	3	1	8	3	32	3	5	40	37	8.1
	Total	3	46	0	18	8	4	34	10	123	19	32	174	172	1.2
PLA	Male	5	128	2	58	43	11	129	48	424	61	18	503	488	3.1
	Female	0	15	0	14	6	1	24	6	66	10	7	83	76	9.2
	Total	5	143	2	72	49	12	153	54	490	71	25	586	564	3.9
URO	Male	6	139	1	90	33	10	120	40	439	64	28	531	518	2.5
	Female	0	12	0	7	3	0	14	7	43	6	3	52	46	13.0
	Total	6	151	1	97	36	10	134	47	482	70	31	583	564	3.4
VAS	Male	4	63	0	35	17	5	57	19	200	20	3	223	218	2.3
	Female	0	7	0	7	2	0	6	1	23	1	0	24	22	9.1
	Total	4	70	0	42	19	5	63	20	223	21	3	247	240	2.9
Sub Total	Male	90	1739	27	1009	463	99	1357	489	5273	844	405	6522	6357	2.6
	Female	8	189	2	103	49	11	182	48	592	97	43	732	678	8.0
	Total	98	1928	29	1112	512	110	1539	537	5865	941	448	7254	7035	3.1
OB & GYN	Male	0	7	0	1	0	0	14	0	22	0	1	23	26	-11.5
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Total	0	7	0	1	0	0	14	0	22	0	1	23	26	-11.5
OPH	Male	4	90	0	48	14	5	64	19	244	12	10	266	276	-3.6
	Female	0	15	1	2	2	0	13	1	34	2	0	36	36	0.0
	Total	4	105	1	50	16	5	77	20	278	14	10	302	312	-3.2
Total	Male	94	1836	27	1058	477	104	1435	508	5539	856	416	6811	6659	2.3
	Female	8	204	3	105	51	11	195	49	626	99	43	768	714	7.6
	Total	102	2040	30	1163	528	115	1630	557	6165	955	459	7579	7373	2.8

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

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016	Total 2015	% Change 15/16
CAR	Male	5	52	0	36	11	3	55	14	176	26	22	224	215	4.2
	Female	0	5	0	2	0	0	5	1	13	3	0	16	14	14.3
	Total	5	57	0	38	11	3	60	15	189	29	22	240	229	4.8
GEN	Male	20	484	16	261	119	22	380	115	1417	201	127	1745	1711	2.0
	Female	3	91	2	42	21	6	79	23	267	39	21	327	301	8.6
	Total	23	575	18	303	140	28	459	138	1684	240	148	2072	2012	3.0
NEU	Male	7	71	0	38	13	5	58	19	211	21	25	257	248	3.6
	Female	1	7	0	9	4	1	8	1	31	1	1	33	32	3.1
	Total	8	78	0	47	17	6	66	20	242	22	26	290	280	3.6
ORT	Male	21	412	4	279	112	21	290	125	1264	246	51	1561	1516	3.0
	Female	3	15	0	8	4	0	16	3	49	14	2	65	62	4.8
	Total	24	427	4	287	116	21	306	128	1313	260	53	1626	1578	3.0
OTO	Male	8	127	2	80	41	7	95	38	398	73	21	492	484	1.7
	Female	0	23	0	9	5	2	20	3	62	17	3	82	80	2.5
	Total	8	150	2	89	46	9	115	41	460	90	24	574	564	1.8
PAE	Male	2	26	0	10	4	3	15	5	65	13	18	96	99	-3.0
	Female	1	12	0	4	3	0	7	3	30	3	3	36	33	9.1
	Total	3	38	0	14	7	3	22	8	95	16	21	132	132	0.0
PLA	Male	4	113	2	54	35	9	118	40	375	52	16	443	431	2.8
	Female	0	15	0	13	6	1	24	6	65	10	7	82	75	9.3
	Total	4	128	2	67	41	10	142	46	440	62	23	525	506	3.8
URO	Male	5	122	1	76	27	10	105	34	380	53	21	454	443	2.5
	Female	0	12	0	7	3	0	14	7	43	6	3	52	46	13.0
	Total	5	134	1	83	30	10	119	41	423	59	24	506	489	3.5
VAS	Male	4	58	0	30	14	4	48	14	172	18	2	192	190	1.1
	Female	0	7	0	7	2	0	6	1	23	1	0	24	22	9.1
	Total	4	65	0	37	16	4	54	15	195	19	2	216	212	1.9
Sub Total	Male	76	1465	25	864	376	84	1164	404	4458	703	303	5464	5337	2.4
	Female	8	187	2	101	48	10	179	48	583	94	40	717	665	7.8
	Total	84	1652	27	965	424	94	1343	452	5041	797	343	6181	6002	3.0
OB & GYN	Male	0	2	0	0	0	0	0	0	2	0	0	2	2	0.0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Total	0	2	0	0	0	0	0	0	2	0	0	2	2	0.0
OPH	Male	2	73	0	34	11	3	56	11	190	6	5	201	209	-3.8
	Female	0	14	1	1	2	0	13	1	32	2	0	34	34	0.0
	Total	2	87	1	35	13	3	69	12	222	8	5	235	243	-3.3
Total	Male	78	1540	25	898	387	87	1220	415	4650	709	308	5667	5548	2.1
	Female	8	201	3	102	50	10	192	49	615	96	40	751	699	7.4
	Total	86	1741	28	1000	437	97	1412	464	5265	805	348	6418	6247	2.7

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 2016	Total 2015	% Change 15/16	
<35	Male	2	43	0	23	12	3	50	15	148	36	6	190	173	9.8
	Female	0	21	0	10	1	0	22	8	62	11	7	80	75	6.7
	Total	2	64	0	33	13	3	72	23	210	47	13	270	248	8.9
35-39	Male	6	134	1	79	33	3	120	34	410	53	25	488	515	-5.2
	Female	0	41	1	25	8	1	37	7	120	16	8	144	132	9.1
	Total	6	175	2	104	41	4	157	41	530	69	33	632	647	-2.3
40-44	Male	11	236	6	155	58	10	201	76	753	89	44	886	851	4.1
	Female	2	52	0	27	12	4	37	12	146	27	7	180	165	9.1
	Total	13	288	6	182	70	14	238	88	899	116	51	1066	1016	4.9
45-49	Male	16	227	4	159	56	17	173	77	729	112	28	869	827	5.1
	Female	4	32	1	16	11	3	32	7	106	12	7	125	122	2.5
	Total	20	259	5	175	67	20	205	84	835	124	35	994	949	4.7
50-54	Male	12	209	5	124	49	11	142	49	601	109	35	745	741	0.5
	Female	1	18	0	11	5	0	23	9	67	12	3	82	75	9.3
	Total	13	227	5	135	54	11	165	58	668	121	38	827	816	1.3
55-59	Male	12	141	2	110	44	12	117	53	491	111	45	647	631	2.5
	Female	1	13	0	7	8	1	20	4	54	12	6	72	66	9.1
	Total	13	154	2	117	52	13	137	57	545	123	51	719	697	3.2
60-64	Male	11	130	4	81	36	14	95	45	416	84	37	537	516	4.1
	Female	0	6	0	3	2	1	4	1	17	3	1	21	18	16.7
	Total	11	136	4	84	38	15	99	46	433	87	38	558	534	4.5
65-69	Male	4	117	1	63	35	7	104	22	353	61	42	456	475	-4.0
	Female	0	0	0	0	1	0	2	0	3	1	0	4	4	0.0
	Total	4	117	1	63	36	7	106	22	356	62	42	460	479	-4.0
70+	Male	2	228	2	70	53	7	162	33	557	48	41	646	608	6.3
	Female	0	4	0	2	0	0	2	0	8	0	1	9	8	12.5
	Total	2	232	2	72	53	7	164	33	565	48	42	655	616	6.3
Total	Male	76	1465	25	864	376	84	1164	404	4458	703	303	5464	5337	2.4
	Female	8	187	2	101	48	10	179	48	583	94	40	717	665	7.8
	Total	84	1652	27	965	424	94	1343	452	5041	797	343	6181	6002	3.0
% of active Fellows under 55 years															
%	Male	61.8	58.0	64.0	62.5	55.3	52.4	58.9	62.1	59.2	56.8	45.5	58.2	58.2	-0.1
	Female	87.5	87.7	100.0	88.1	77.1	80.0	84.4	89.6	85.9	83.0	80.0	85.2	85.6	-0.4
	Total	64.3	61.3	66.7	65.2	57.8	55.3	62.3	65.0	62.3	59.8	49.6	61.3	61.2	0.1

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 2016	Total 2015	% Change 15/16
<35	Male	3	58	4	46	9	1	9	9	9	148	132	12.1
	Female	1	31	0	3	8	2	5	8	4	62	57	8.8
	Total	4	89	4	49	17	3	14	17	13	210	189	11.1
35-39	Male	10	131	16	118	37	1	34	46	17	410	437	-6.2
	Female	2	61	6	9	17	5	8	8	4	120	107	12.1
	Total	12	192	22	127	54	6	42	54	21	530	544	-2.6
40-44	Male	23	229	39	226	70	11	69	65	21	753	715	5.3
	Female	3	64	6	13	17	5	19	11	8	146	133	9.8
	Total	26	293	45	239	87	16	88	76	29	899	848	6.0
45-49	Male	36	192	46	218	67	9	56	72	33	729	686	6.3
	Female	2	54	10	5	9	3	12	9	2	106	103	2.9
	Total	38	246	56	223	76	12	68	81	35	835	789	5.8
50-54	Male	32	183	32	160	45	13	56	53	27	601	593	1.3
	Female	1	25	6	11	5	6	5	7	1	67	60	11.7
	Total	33	208	38	171	50	19	61	60	28	668	653	2.3
55-59	Male	23	139	21	155	41	5	47	44	16	491	478	2.7
	Female	3	24	1	6	6	5	7	0	2	54	49	10.2
	Total	26	163	22	161	47	10	54	44	18	545	527	3.4
60-64	Male	22	135	16	119	37	10	29	36	12	416	389	6.9
	Female	0	5	1	2	0	2	5	0	2	17	13	30.8
	Total	22	140	17	121	37	12	34	36	14	433	402	7.7
65-69	Male	14	131	16	93	28	9	25	19	18	353	378	-6.6
	Female	1	1	0	0	0	0	1	0	0	3	4	-25.0
	Total	15	132	16	93	28	9	26	19	18	356	382	-6.8
70+	Male	13	219	21	129	64	6	50	36	19	557	524	6.3
	Female	0	2	1	0	0	2	3	0	0	8	7	14.3
	Total	13	221	22	129	64	8	53	36	19	565	531	6.4
Total	Male	176	1417	211	1264	398	65	375	380	172	4458	4332	2.9
	Female	13	267	31	49	62	30	65	43	23	583	533	9.4
	Total	189	1684	242	1313	460	95	440	423	195	5041	4865	3.6
% of active Fellows under 55 years													
%	Male	59.1	56.0	64.9	60.8	57.3	53.8	59.7	64.5	62.2	59.2	59.2	0.1
	Female	69.2	88.0	90.3	83.7	90.3	70.0	75.4	100.0	82.6	85.9	86.3	-0.4
	Total	59.8	61.0	68.2	61.6	61.7	58.9	62.0	68.1	64.6	62.3	62.1	0.3

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 2016	Total 2015	% Change 15/16	
<35	Male	2	18	0	8	2	0	1	4	1	36	32	12.5
	Female	1	4	0	1	3	0	1	0	1	11	12	-8.3
	Total	3	22	0	9	5	0	2	4	2	47	44	6.8
35-39	Male	1	16	1	24	3	0	3	4	1	53	56	-5.4
	Female	0	9	0	1	4	0	2	0	0	16	16	0.0
	Total	1	25	1	25	7	0	5	4	1	69	72	-4.2
40-44	Male	1	20	3	38	5	3	6	11	2	89	100	-11.0
	Female	0	10	0	4	5	0	4	4	0	27	23	17.4
	Total	1	30	3	42	10	3	10	15	2	116	123	-5.7
45-49	Male	5	31	5	43	9	0	13	4	2	112	113	-0.9
	Female	1	5	0	4	1	0	1	0	0	12	13	-7.7
	Total	6	36	5	47	10	0	14	4	2	124	126	-1.6
50-54	Male	2	30	4	35	15	4	7	8	4	109	114	-4.4
	Female	0	8	0	0	1	0	1	2	0	12	13	-7.7
	Total	2	38	4	35	16	4	8	10	4	121	127	-4.7
55-59	Male	5	32	1	37	14	3	8	8	3	111	109	1.8
	Female	1	3	1	3	2	2	0	0	0	12	11	9.1
	Total	6	35	2	40	16	5	8	8	3	123	120	2.5
60-64	Male	7	22	2	23	13	2	6	5	4	84	85	-1.2
	Female	0	0	0	1	1	0	1	0	0	3	4	-25.0
	Total	7	22	2	24	14	2	7	5	4	87	89	-2.2
65-69	Male	3	20	3	20	6	1	5	3	0	61	51	19.6
	Female	0	0	0	0	0	1	0	0	0	1	0	-
	Total	3	20	3	20	6	2	5	3	0	62	51	21.6
70+	Male	0	12	2	18	6	0	3	6	1	48	50	-4.0
	Female	0	0	0	0	0	0	0	0	0	0	0	-
	Total	0	12	2	18	6	0	3	6	1	48	50	-4.0
	Male	26	201	21	246	73	13	52	53	18	703	710	-1.0
	Female	3	39	1	14	17	3	10	6	1	94	92	2.2
	Total	29	240	22	260	90	16	62	59	19	797	802	-0.6
% of active Fellows under 55 years													
%	Male	42.3	57.2	61.9	60.2	46.6	53.8	57.7	58.5	55.6	56.8	58.5	-2.9
	Female	66.7	92.3	0.0	71.4	82.4	0.0	90.0	100.0	100.0	83.0	83.7	-0.9
	Total	44.8	62.9	59.1	60.8	53.3	43.8	62.9	62.7	57.9	59.8	61.3	-2.4

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

Speciality	M1	M2	R1	R2	R3	Rem1	Rem2	Total 2016	% In M1/M2 2016	Total 2015	% In M1/M2 2015	% Change in M1/M2 15/16
CAR	170	17	0	2	0	0	0	189	98.9	182	98.4	0.6
GEN	1,193	154	166	126	40	4	1	1684	80.0	1621	79.4	0.7
NEU	217	23	1	1	0	0	0	242	99.2	237	99.2	0.0
ORT	973	126	121	79	12	2	0	1313	83.7	1262	83.6	0.1
OTO	352	44	45	14	5	0	0	460	86.1	449	85.7	0.4
PAE	81	12	2	0	0	0	0	95	97.9	93	96.8	1.2
PLA	387	29	15	6	3	0	0	440	94.5	422	94.1	0.5
URO	317	41	47	16	2	0	0	423	84.6	408	84.1	0.7
VAS	153	24	15	3	0	0	0	195	90.8	191	92.1	-1.5
Total	3843	470	412	247	62	6	1	5041	85.6	4865	85.2	0.4

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 2016	% In M1/M2 2016	Total 2015	% In M1/M2 2015	% Change in M1/M2 15/16
ACT	82	0	2	0	0	0	0	84	101.2	81	97.5	3.8
NSW	1,194	194	127	101	35	0	1	1652	87.2	1592	83.7	4.1
NT	5	21	1	0	0	0	0	27	86.7	30	100.0	-13.3
QLD	546	191	176	47	2	3	0	965	79.8	924	75.8	5.3
SA	408	1	3	8	4	0	0	424	99.8	410	96.1	3.8
TAS	57	1	28	7	1	0	0	94	63.0	92	59.8	5.5
VIC	1,135	61	75	57	15	0	0	1343	92.6	1292	88.6	4.5
WA	416	1	0	27	5	3	0	452	93.9	444	92.6	1.5
Total	3843	470	412	247	62	6	1	5041	88.7	4865	85.2	4.0

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 2016	% In M1/M2 2016	Total 2015	% In M1/M2 2015	% Change in M1/M2 15/16
<35	175	16	10	6	3	0	0	210	91.0	189	92.1	-1.2
35-39	430	49	30	17	4	0	0	530	90.4	544	88.2	2.4
40-44	716	86	66	27	4	0	0	899	89.2	848	90.0	-0.9
45-49	632	95	64	35	8	1	0	835	87.1	789	87.7	-0.7
50-54	473	64	83	38	10	0	0	668	80.4	653	79.5	1.1
55-59	402	47	55	33	6	2	0	545	82.4	527	82.0	0.5
60-64	311	41	39	37	3	1	1	433	81.3	402	79.6	2.1
65-69	256	27	36	30	7	0	0	356	79.5	382	80.6	-1.4
70+	448	45	29	24	17	2	0	565	87.3	531	86.4	0.9
Total	3843	470	412	247	62	6	1	5041	85.6	4865	85.2	0.4

Note: Data Excludes OB & GYN and OPH

TABLE WFD.9 – Active RACS SET Trainees obtaining RACS Fellowship in 2016 by location of residence and specialty

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016
CAR	Male	0	0	0	0	0	0	2	0	2	1	0	3
	Female	0	0	0	0	0	0	1	0	1	1	0	2
	Total	0	0	0	0	0	0	3	0	3	2	0	5
GEN	Male	3	14	0	6	2	0	16	0	41	12	1	54
	Female	0	10	0	2	1	0	11	0	24	5	0	29
	Total	3	24	0	8	3	0	27	0	65	17	1	83
NEU	Male	0	1	0	0	1	0	2	0	4	1	2	7
	Female	0	0	0	1	0	0	0	0	1	0	0	1
	Total	0	1	0	1	1	0	2	0	5	1	2	8
ORT	Male	0	11	0	13	3	1	10	3	41	7	2	50
	Female	0	3	0	0	0	0	0	0	3	0	0	3
	Total	0	14	0	13	3	1	10	3	44	7	2	53
OTO	Male	0	3	0	1	0	0	1	1	6	0	0	6
	Female	0	1	0	0	0	0	0	0	1	0	0	1
	Total	0	4	0	1	0	0	1	1	7	0	0	7
PAE	Male	0	1	0	0	0	0	0	0	1	0	0	1
	Female	0	1	0	1	0	0	1	0	3	0	0	3
	Total	0	2	0	1	0	0	1	0	4	0	0	4
PLA	Male	0	5	0	2	0	0	2	0	9	2	0	11
	Female	0	1	0	1	1	0	1	0	4	1	1	6
	Total	0	6	0	3	1	0	3	0	13	3	1	17
URO	Male	0	4	0	1	1	0	4	0	10	2	2	14
	Female	0	2	0	1	0	0	1	1	5	0	1	6
	Total	0	6	0	2	1	0	5	1	15	2	3	20
VAS	Male	0	3	0	0	0	0	1	0	4	0	0	4
	Female	0	0	0	1	0	0	1	0	2	0	0	2
	Total	0	3	0	1	0	0	2	0	6	0	0	6
Total	Male	3	42	0	23	7	1	38	4	118	25	7	150
	Female	0	18	0	7	2	0	16	1	44	7	2	53
	Total	3	60	0	30	9	1	54	5	162	32	9	203

TABLE WFD.10 – Active International Medical Graduates obtaining RACS Fellowship in 2016 by location of residence and specialty

		ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS Total	NZ	O/S	Total 2016
CAR	Male	0	1	0	2	0	0	2	1	6	1	0	7
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	1	0	2	0	0	2	1	6	1	0	7
GEN	Male	1	8	1	1	2	0	3	3	19	0	1	20
	Female	0	1	0	2	0	1	0	0	4	0	0	4
	Total	1	9	1	3	2	1	3	3	23	0	1	24
NEU	Male	0	2	0	0	0	0	0	0	2	0	0	2
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	2	0	0	0	0	0	0	2	0	0	2
ORT	Male	0	5	0	6	2	0	2	0	15	0	1	16
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	5	0	6	2	0	2	0	15	0	1	16
OTO	Male	0	1	1	2	0	0	2	1	7	0	0	7
	Female	0	0	0	0	0	0	1	0	1	0	0	1
	Total	0	1	1	2	0	0	3	1	8	0	0	8
PAE	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
PLA	Male	0	0	0	0	0	0	2	1	3	0	1	4
	Female	0	0	0	0	1	0	0	0	1	0	0	1
	Total	0	0	0	0	1	0	2	1	4	0	1	5
URO	Male	0	1	0	0	0	0	1	0	2	0	1	3
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	1	0	0	0	0	1	0	2	0	1	3
VAS	Male	0	0	0	0	1	0	0	0	1	0	0	1
	Female	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	1	0	0	0	1	0	0	1
Total	Male	1	18	2	11	5	0	12	6	55	1	4	60
	Female	0	1	0	2	1	1	1	0	6	0	0	6
	Total	1	19	2	13	6	1	13	6	61	1	4	66

TABLE WFD.11 – Total number of SET Trainees and International Medical Graduates obtaining RACS Fellowship by specialty (2007 – 2016)

		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
CAR	Male	4	10	6	5	11	5	15	4	7	10
	Female	0	0	0	0	1	1	0	0	2	2
	Total	4	10	6	5	12	6	15	4	9	12
GEN	Male	72	62	47	63	54	64	57	55	65	74
	Female	19	14	23	13	12	30	17	20	25	33
	Total	91	76	70	76	66	94	74	75	90	107
NEU	Male	14	14	7	12	6	9	5	6	18	9
	Female	2	4	2	0	0	0	3	6	0	1
	Total	16	18	9	12	6	9	8	12	18	10
ORT	Male	59	41	67	49	60	59	61	38	60	66
	Female	3	2	3	2	8	2	4	3	4	3
	Total	62	43	70	51	68	61	65	41	64	69
OTO	Male	20	9	12	16	21	12	15	14	14	13
	Female	7	4	5	6	5	7	6	11	4	2
	Total	27	13	17	22	26	19	21	25	18	15
PAE	Male	2	3	2	3	2	4	2	4	5	1
	Female	1	0	1	1	3	2	1	4	1	3
	Total	3	3	3	4	5	6	3	8	6	4
PLA	Male	19	19	7	7	18	22	14	13	11	15
	Female	5	4	3	8	4	1	5	5	8	7
	Total	24	23	10	15	22	23	19	18	19	22
URO	Male	20	15	12	15	22	19	22	21	14	17
	Female	3	3	3	3	3	3	5	6	1	6
	Total	23	18	15	18	25	22	27	27	15	23
VAS	Male	10	4	11	5	10	5	4	11	9	5
	Female	2	1	1	0	2	2	2	4	1	2
	Total	12	5	12	5	12	7	6	15	10	7
Total	Male	220	177	171	175	204	199	195	166	203	210
	Female	42	32	41	33	38	48	43	59	46	59
	Total	262	209	212	208	242	247	238	225	249	269

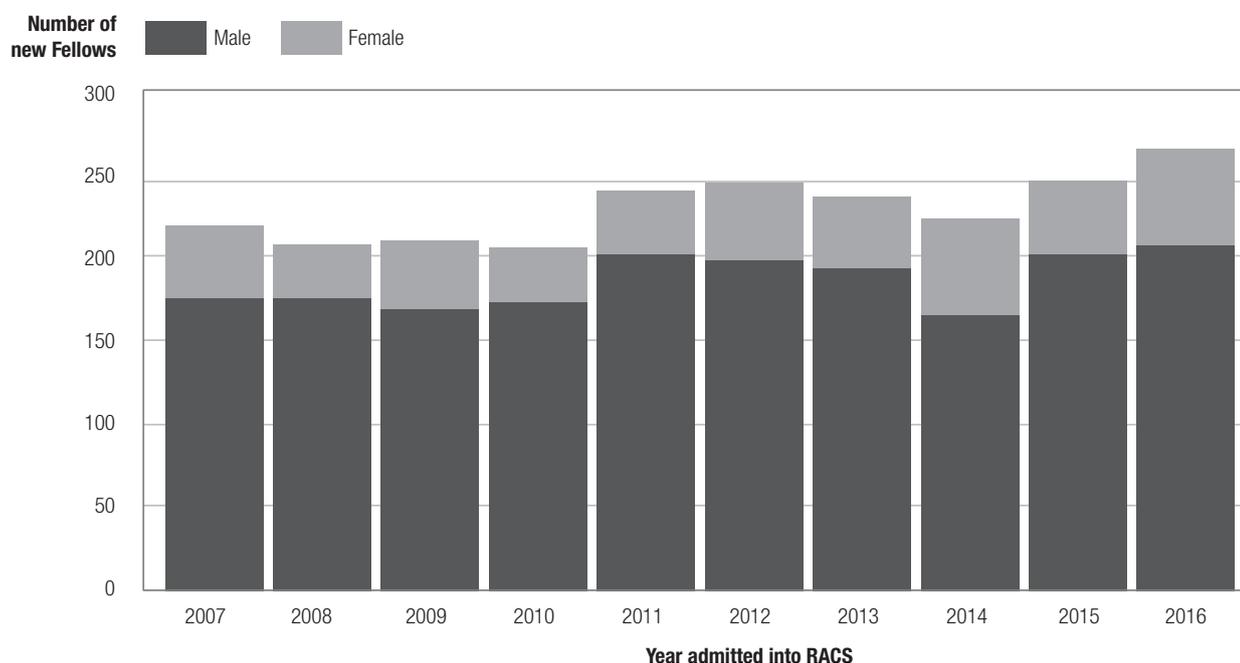
FIGURE WFD.1 – Total annual number of SET Trainees and International Medical Graduates obtaining RACS Fellowship (2007–2016)

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	84	2.1	396,141
NSW	1652	2.1	7,725,884
NT	27	1.1	244,880
QLD	965	2.0	4,844,473
SA	424	2.5	1,708,183
TAS	94	1.8	519,128
VIC	1343	2.2	6,068,042
WA	452	1.7	2,617,172
AUS	5041	2.1	24,127,159
NZ	797	1.7	4,693,000

Data excludes OB & GYN and OPH 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 2016.

TABLE WFD.13 – Ratio of active Australian and New Zealand RACS Fellows per population aged 65 years or older by location, excluding Paediatric, OB&GYN and Ophthalmology

	No. of surgeons	Ratio of surgeons per 1,000 population over the age of 65	Population over the age of 65
ACT	84	1.7	49,486
NSW	1652	1.3	1,229,869
NT	27	1.5	17,783
QLD	965	1.4	713,106
SA	424	1.4	303,987
TAS	94	1.0	97,608
VIC	1343	1.5	916,879
WA	452	1.3	353,871
AUS	5041	1.4	3,682,878
NZ	797	1.1	698,370

Data excludes PAE, OB & GYN and OPH 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 2016.

EXPLANATORY NOTES

All active Fellows have a requirement to participate in either the College CPD program or in another CPD program approved by the College as meeting its standards for CPD. CPD program data is submitted to RACS in the year following participation, therefore the latest available 2015 CPD participation data are reported in Tables CPD.1 to CPD.5. In 2015 there were 6155 Fellows participating in the College CPD or other CPD approved program. Ophthalmologists and obstetricians and gynaecologists who held RACS Fellowship have been included.

DATA SUMMARY

In 2015 there were 6,155 Fellows participating in the College CPD or other CPD approved program including Ophthalmologists and Obstetricians and Gynaecologists who hold a RACS Fellowship.

In 2015 99.9% of Fellows complied with the RACS CPD Program. Failure to comply constitutes a breach of the College's Code of Conduct and is managed via the RACS Sanctions Policy.

To facilitate the maintenance of surgical competence of Fellows, RACS provides professional development activities that are tailored to the specific needs of Fellows. These activities address the skills and knowledge required in each of the College's nine surgical competencies. During 2016, the Professional Development Department delivered activities to a total of 1,329 participants (981 Fellows, 49 Trainees, 24 IMGs and 275 non-members).

TABLE CPD.1 – Participation in RACS CPD program 2013-2015 by specialty

Specialty	2013			2014			2015		
	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant
CAR	216	215	99.5	218	218	100.0	229	229	100.0
GEN	1859	1854	99.7	1903	1903	100.0	1943	1942	99.9
NEU	255	254	99.6	267	267	100.0	281	281	100.0
ORT	536	535	99.8	505	505	100.0	525	525	100.0
OTO	529	527	99.6	546	546	100.0	561	561	100.0
PAE	127	127	100.0	129	129	100.0	129	129	100.0
PLA	478	478	100.0	488	488	100.0	503	503	100.0
URO	452	451	99.8	475	475	100.0	483	483	100.0
VAS	197	197	100.0	207	207	100.0	214	214	100.0
Sub Total	4649	4638	99.8	4738	4738	100.0	4868	4867	99.9
OB & GYN and OPH	12	12	100.0	8	8	100.0	7	7	100.0
Total	4661	4650	99.8	4746	4746	100.0	4875	4874	99.9

TABLE CPD.2 – Participation in RACS CPD program 2013-2015 by region

Specialty	2013			2014			2015		
	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant	Total required to participate	Total compliant	% compliant
ACT	63	63	100.0	62	62	100.0	62	62	100.0
NSW	1224	1218	99.5	1246	1246	100.0	1283	1283	100.0
NT	26	26	100.0	26	26	100.0	25	25	100.0
SA	327	327	100.0	330	330	100.0	343	343	100.0
QLD	720	720	100.0	748	748	100.0	768	768	100.0
TAS	78	78	100.0	76	76	100.0	77	77	100.0
VIC	1041	1039	99.8	1050	1050	100.0	1085	1084	99.9
WA	352	351	99.8	365	365	100.0	377	377	100.0
AUS Total	3831	3822	99.8	3903	3903	100.0	4020	4019	99.9
NZ	519	518	99.8	529	529	100.0	535	535	100.0
O/S	311	310	99.7	314	314	100.0	320	320	100.0
Total	4661	4650	99.8	4746	4746	100.0	4875	4874	99.9

TABLE CPD.3 – Fellow participation in RACS and other CPD programs in 2015

College CPD Programs	Number of participating Fellows	% of participating Fellows
Royal Australasian College of Surgeons	4875	79.2
Australian Orthopaedic Association	800	13.0
New Zealand Orthopaedic Association	233	3.8
Royal Australian College of General Practitioners	12	0.2
Royal Australian and New Zealand College of Ophthalmologists	228	3.7
Australian College of Emergency Medicine	3	>0.1
Royal College of Physicians and Surgeons of Canada	2	>0.1
Royal Australian and New Zealand College of Obstetricians and Gynaecologists	2	>0.1
Other College CPD program	0	>0.1
Total	6155	100.0

TABLE CPD.4 – Participation in RACS CPD program in 2015 by program category

CPD category	Fellows' specialty											Total	% Total
	CAR	GEN	NEU	OB & GYN	OPH	ORT	OTO	PAE	PLA	URO	VAS		
Operative practice in hospitals or day surgery units	196	1720	246	0	7	489	509	123	467	450	197	4404	90.3
Operative procedures in rooms only	0	10	0	0	0	0	2	0	4	2	0	18	0.4
Operative Practice as a locum only	1	24	1	0	0	4	8	0	1	3	0	42	0.9
Clinical consulting practice only	4	57	23	0	0	24	33	0	12	8	5	166	3.4
Other practice type	28	132	11	0	0	8	9	6	19	20	12	245	5.0
Total	229	1943	281	0	7	525	561	129	503	483	214	4875	100.0

TABLE CPD.5 – Registrations in RACS MOPS program in 2015

	AUS	NZ	O/S	Total registrations
Persons	9	64	1	74
IMGs	4	6	1	11
Total	13	70	2	85

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	Non-IMG/ Trainee/Fellow	Total 2016	Total 2015	% Change 15/16
ACT	27	0	0	4	31	15	106.7
NSW	197	12	1	45	255	334	-23.7
NT	17	0	1	6	24	15	60.0
QLD	175	4	7	74	260	204	27.5
SA	79	2	0	17	98	86	14.0
TAS	15	2	0	3	20	28	-28.6
VIC	247	14	2	53	316	236	33.9
WA	53	5	7	50	115	41	180.5
AUS	810	39	18	252	1119	959	16.7
NZ	163	10	6	8	187	103	81.6
O/S	8	0	0	15	23	95	-75.8
Total	981	49	24	275	1329	1157	14.9

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

Specialty	Fellow	Total 2016	Total 2015	% Change 15/16
CAR	58	58	37	56.8
GEN	413	413	296	39.5
NEU	67	67	43	55.8
ORT	156	156	134	16.4
OTO	116	116	72	61.1
PAE	31	31	34	-8.8
PLA	0	0	49	-100.0
URO	83	83	48	72.9
VAS	53	53	33	60.6
Unknown	n/a	0	406	-100.0
Sub Total	977	977	1152	-15.2
OB & GYN	0	0	0	–
OPH	4	4	5	-20.0
SET	49	49	0	–
Non-RACS	299	299	0	–
Total	1329	1329	1157	14.9

Note: Specialty data not available for participants other than Fellows

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 program goal is to assist the Pacific Island Countries Ministry of Health to improve the health of their populations through supporting local access to specialist secondary and tertiary health services.

The Australian government support to this initiative started in 1995 under a series of funding contracts with RACS as the managing contractor. The last funding contract ended in 30 June 2016 and the new design of the Australian government's support to specialist clinical services in the region with new funding commencing in July 2016. The new program design will continue the provision of specialist clinical services with this activity also providing the platform for supporting continuing professional development (CPD) of health workforce and improving or strengthening systems, as appropriate. The PIP activities are delivered by volunteer medical practitioners comprising surgeons, anaesthetists, physicians, nurses and other allied health professional.

The activities implemented throughout 2016 were at the specific request and/or in consultation with the recipient countries including Fiji, Vanuatu, Solomon Islands, Tonga, Samoa, Kiribati, Tuvalu, Cook Islands, Nauru, Marshall Islands and the Federated States of Micronesia.

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 2016, 37 junior doctors attended the Family Medicine Program (FMP), a bridging/foundation program for East Timorese who completed their medical undergraduate qualification in Cuba. Upon completion of the FMP, the trainees would either continue to pursue specialist post graduate training or mobilised for delivery of health services in the districts.

Postgraduate Diploma training in Surgery, Anaesthesia and Paediatrics also continued in 2016 with 13 trainees completing their final exams in November/December 2016. The Masters of Medicine in Paediatrics also continued in 2016 with 10 trainees enrolled in the program.

Delivery of the post graduate training curriculum is made by East Timor-based program Long Term Advisers (General Surgeon, Anaesthetist, Paediatrician and O & G Specialist) through clinical/bedside and classroom teaching sessions.

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 program's 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.

In 2016, the ETEP provided the delivery of the Post Graduate Diploma of Ophthalmology (PGDO) attended by 5 East Timorese trainee ophthalmologists.

SUMBA EYE PROGRAM (SEP), NUSA TENGARA 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 2016, the Australian team delivered 2 clinical and training visits in collaboration with Sumba Foundation and regional ophthalmologists from Hassanuddin University, Sulawesi. The team worked alongside and mentored the two Sumbanese eye care nurses with the objective of having a sustainable infrastructure for the Sumbanese and the greater area of Nusa Tenggara Timur to care for their own. The nurses have demonstrated increased competency and confidence identifying pathology, refracting and providing spectacles. The involvement of Hassanuddin University doctors was again successful and informative for all participants. There was an exchange of surgical techniques across the Australian and the local ophthalmic surgeons.

MYANMAR PROGRAMS

In partnership with the Myanmar Medical Association (MMA), Ministry of Health (MoH) and University of Medicine 1 (UM1), the College 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, emergency physicians and the Australian College of Emergency Medicine as well as individual specialists from Hong Kong to develop and deliver a Post-Graduate Diploma in Emergency Medicine Course in Myanmar.

In 2016, a team of four volunteer RACS instructors delivered a Surgical Skills training program in Yangon and Mandalay. This was the fourth Surgical Skills Program delivered in Myanmar, but the first to extend beyond Yangon to Mandalay. A PTC masterclass was conducted in November 2016.

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 (MHMS), this short-term project is designed to assist the recently qualified i-Kiribati Ophthalmologist to establish a functional eye clinic at the main hospital in Kiribati, Tungaru Central Hospital.

In 2016, activities included the installation of key pieces of clinic equipment and training for the national personnel in their use and maintenance. The project is designed to assist Kiribati to 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 2016, three visits were undertaken by the APSEP team to Vietnam, Cambodia and Myanmar, focusing on paediatric laparoscopy, paediatric urology and paediatric surgery.

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
ATLASS & ETEP (East Timor) ¹	10	9	3	12	5162	1685
Sumba Eye (NTT, Indonesia)	2	4	4	8	1682	100
SUB TOTAL	12	13	7	20	6844	1785
Pacific Islands Program (PIP)						
Cook Islands	1	1	1	2	86	13
Fiji	5	5	2	9	185	58
Kiribati	2	3	1	4	257	124
Solomon Islands	1	1	1	1	12	–
Tonga	1	1	1	3	43	16
Tuvalu	2	1	1	5	205	11
Vanuatu	5	8	8	14	411	114
SUB TOTAL (PIP)	17	20	15	38	1199	336
TOTAL 2016	29	33	22	58	8043	2121

¹ ATLASS/ETEP consultations and operations/procedures statistics include output of EastTimor-based Long Term Advisers (General Surgeon, Anaesthetist, Paediatrician, O & G Doctor and Ophthalmologist)

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

Country	Surgical workshops	Medical & allied health workshops	Nursing workshops	Other assisting programs	Total
East Timor	9	9	–	2	20
Myanmar	–	1	–	–	1
Cambodia	1	–	–	–	1
Vietnam	2	–	–	–	2
Fiji	3	–	–	–	3
Total 2016	15	10	–	2	27

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

International scholarships program	Home country of recipients	No. of surgeons supported	No. of conferences/courses attended by recipients
Rowan Nicks	Bhutan	3	2
	Nepal	1	1
	Bangladesh	1	1
	UK & Ireland	2	1
Surgeons International	Myanmar	1	1
	Vietnam	3	2
	Cambodia	5	–
Weary Dunlop Boon Pong	Thailand	7	–
Total 2016		23	8

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

Country Location of Recipients:	No. grants awarded
Papua New Guinea	2
Myanmar	2
Fiji	1
Tonga	2
Vanuatu	1
East Timor	1
Vietnam	1
Indonesia	2
Thailand	2
Malaysia	1
China	1
TOTAL 2016	16

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 2016 Annual Scientific Congress (ASC) was held in Brisbane.

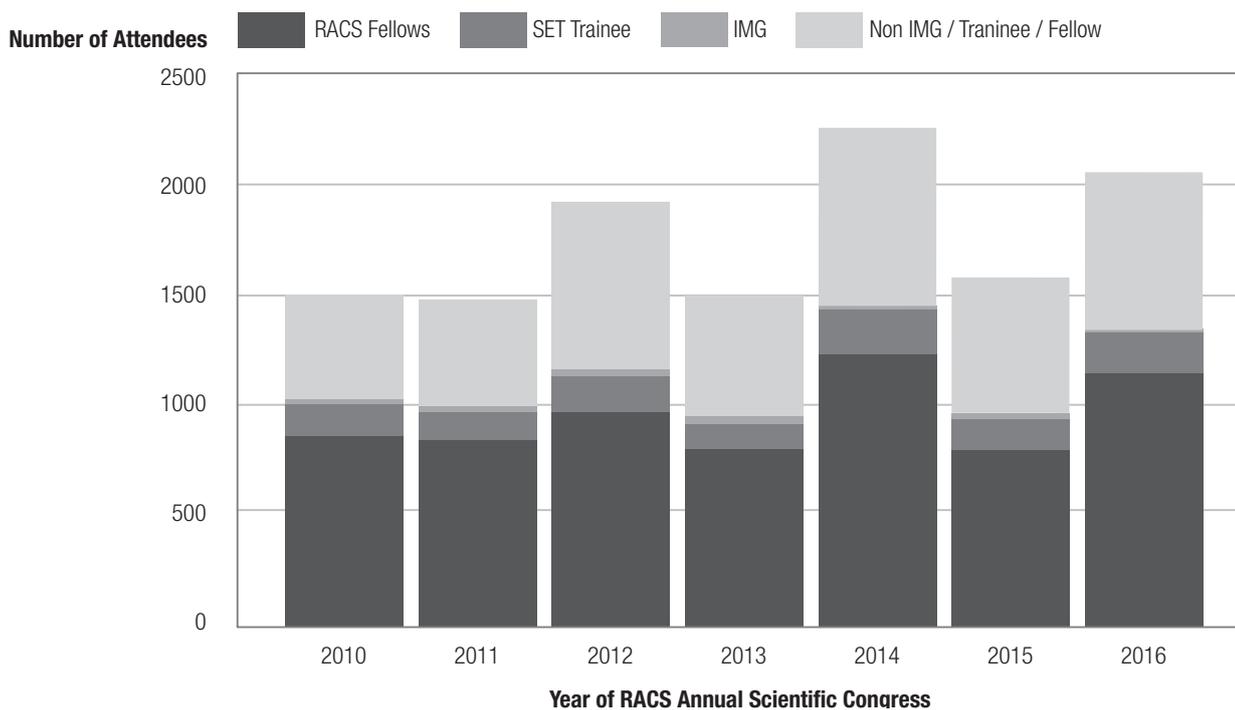
The Department strives to deliver conferences of high professional value, with strong perceptions of educative worth demonstrated through the positive feedback of RACS Fellows.

The Department tenders for several external events each year and is frequently successful as the Department has the interests of Fellows at the forefront of its event management model. The Department successfully co-ordinated the following conferences and meetings in 2016:

- DCAS
- TraumaLink
- Queensland Annual State Meeting
- SA/WA/NT Annual Scientific Meeting (Registration + Audio/Visual Support Only)
- ANZHNCs Annual Scientific Meeting
- NSA Annual Scientific Meeting
- ANZSVS Conference
- Victorian Surgeons Meeting (Registration Processing Only)
- NZ Annual Scientific Meeting (Registration Processing Only)
- ANZSCTS Annual Scientific Meeting
- Sydney Colorectal Surgical Meeting
- WA Inaugural Ball (Registration Processing Only)
- ACT Annual Scientific Meeting (Registration Processing Only)

TABLE C&E.1 – RACS Annual Scientific Congress attendance 2016

Attendee classification	CAR	GEN	NEU	OPH	ORT	OTO	PAE	PLA	URO	VAS	Total 2016	Total % Change 2015	15/16
RACS Fellow	25	720	44	2	73	47	44	127	19	45	1146	790	45.1
Honorary Fellow	–	–	–	–	–	–	–	–	–	–	3	–	–
SET Trainee	1	134	3	–	8	–	10	17	1	4	178	150	18.7
IMG	–	–	–	–	–	–	–	–	–	–	15	26	-42.3
NON IMG/Trainee/Fellow	–	–	–	–	–	–	–	–	–	–	717	609	17.7
Total	26	854	47	2	81	47	54	144	20	49	2059	1575	30.7

FIGURE C&E.1 – Total number of attendees at RACS Annual Scientific Congress (2010–2016)

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 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 RACS.

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. In addition to room usage by RACS staff, Fellows and Trainees, there were a cumulative total of over 630 room bookings for external clients attended by over 24,000 people.

DATA SUMMARY

Skills Laboratory Workshops

Table SEC.1 shows the number of workshops in the Skills Laboratory in 2016, the total number of which increased by 11%. 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 2016.

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 2016.

Total Workshop Participants by Profession

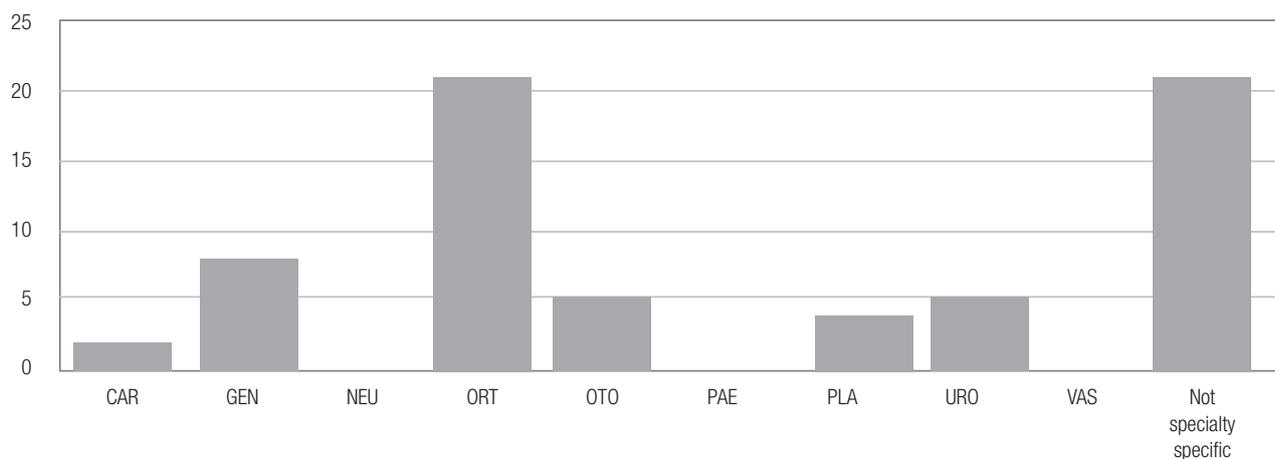
Figure SEC.4 provides a breakdown by profession of participants in all of the Skills Laboratory workshops in 2016. "Other" covers a wide range of workshop attendees including simulation educators, medical postgraduates, intensivists, ophthalmologists, haematologists, anatomists, veterinarians, product specialists, etc.

TABLE SEC.1 – Number of workshops held in the Skills Laboratory in 2016

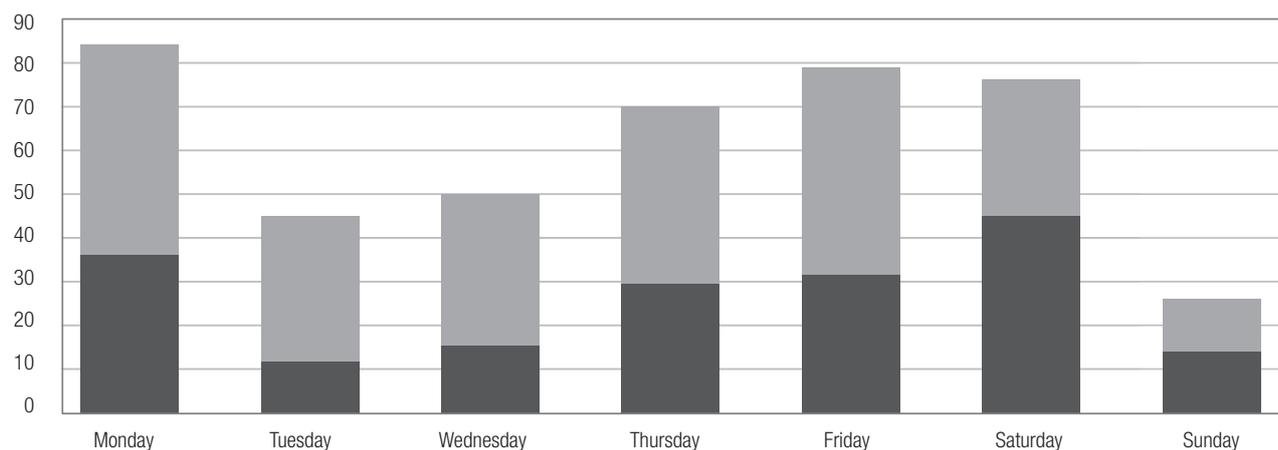
Attendee classification	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total 2016	Total 2015	% Change 15/16
RACS workshops	1	6	5	2	5	3	3	6	0	7	3	0	41	35	17.1
External workshops	2	3	2	6	4	3	6	3	11	3	5	1	49	46	6.5
Total	3	9	7	8	9	6	9	9	11	10	8	1	90	81	11.1

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 2016**

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 2016

Attendee classification	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total 2016	Total 2015	% Change 15/16
RACS participants	22	180	135	50	134	79	84	193	0	204	72	0	1153	943	22.3
External participants	36	65	30	54	117	132	38	94	181	75	188	10	1020	1062	-4.0
Total	58	245	165	104	251	211	122	287	181	279	260	10	2173	2005	8.4

FIGURE SEC.3 – Total number of Skills Laboratory surgical workshop participants in 2016 by specialty

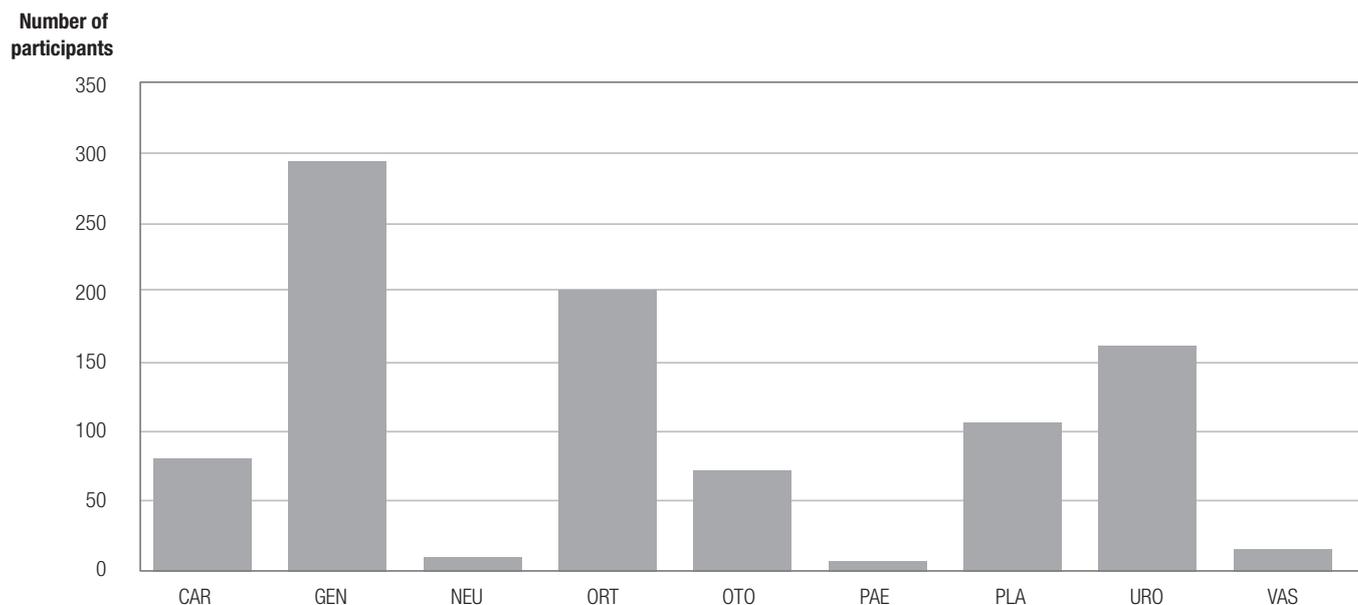
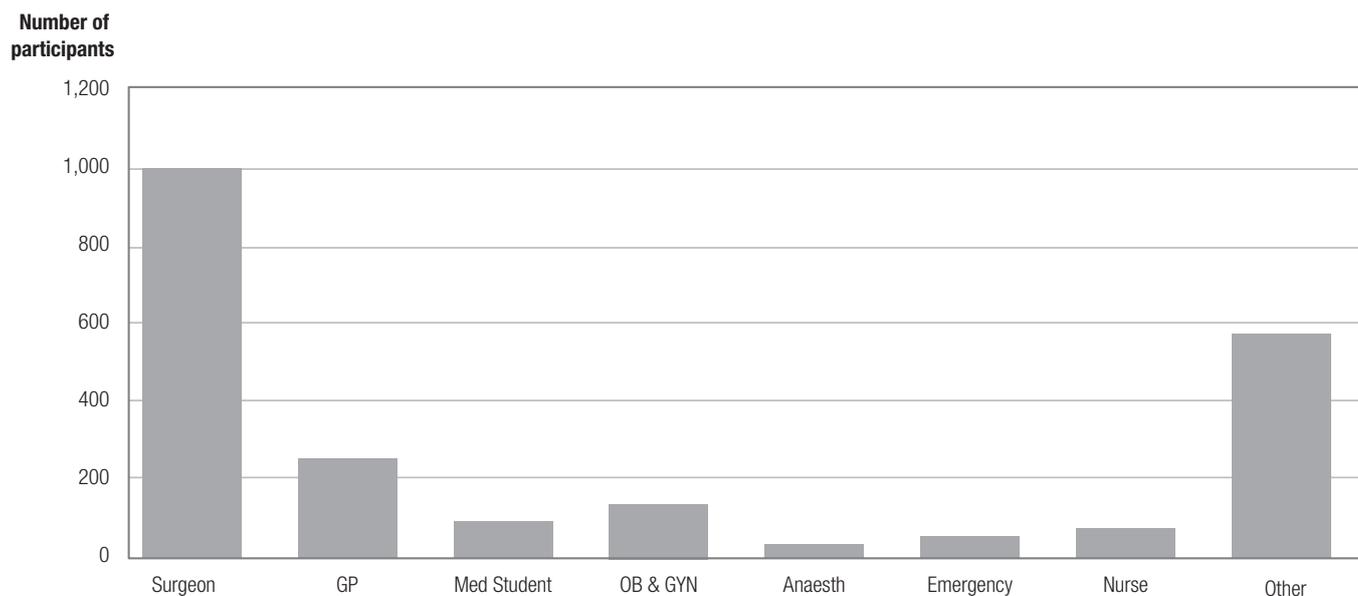


FIGURE SEC.4 – Total number of Skills Laboratory workshop participants in 2016 by profession



APPENDIX A:

DEFINITIONS FOR REGIONAL, RURAL AND RRMA DATA

The following are explanatory notes on how region and RRMA codes are determined.

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 2016. 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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