



Accreditation Council for Graduate Medical Education

Vascular Surgery Case Logs

National Data Report

Prepared by: Department of Applications and Data Analysis

- I. National Resident Statistics Report
 - A. The main table provides a national picture of educational experiences. The report is ideal for establishing and assessing national policy related to resident practical experiences. Data is broken out by role (surgeon, assistant, etc).
 - B. Descriptive statistics have been carefully chosen to provide the most useful information for judging performance at the program level.
 - i. "Natl Res AVE" – The average describes the mean number of procedures performed per resident in the nation.
 - ii. "Natl Res STD" – The standard deviation indicates how tightly the scores are clustered around the mean in a set of data.
 - ii. "Natl Res MED" – This statistic represents the median or middle value of procedure counts.
 - ii. "Natl Res MODE" – The mode is the most commonly occurring value.
 - ii. "Natl Res SUM" – This statistic represents the sum of all procedure counts.
- II. National Benchmark Report for Program Statistics

The table displays selected percentile and standard deviation benchmarks of program averages. For example, a score at the 10th percentile indicates that 10% of residents achieved less than the value while the remaining 90% achieved more than the value.

VASCULAR SURGERY: NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2007-2008
Residency Review Committee for Vascular Surgery

[PART 1]		Number of Programs in the Nation: 78					Number of Residents in the Nation: 94																			
		Surgeon Fellow					Teaching Assistant					First Assistant					Secondary Procedures									
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM					
RRC Area	RRC Procedure																									
Aneurysm-Repair	Open Rep Infrarenal A-I Aneur, Rupt	4.1	4	3	2	390	0.0	0	0	0	1	0.0	0	0	0	3	0.1	0	0	0	5					
	Open Rep Infrarenal A-I Aneur, Elect	16.2	8	15	11	1,523	0.2	1	0	0	20	0.1	0	0	0	9	0.6	1	0	0	59					
	Endovas Rep Abd Aort/Iliac Aneur	45.8	23	43	20	4,305	0.2	1	0	0	20	0.6	2	0	0	58	13.1	20	5	0	1,229					
	Endovas Rep of Iliac Artery	2.0	2	2	1	184	0.0	0	0	0	0	0.0	0	0	0	1	1.2	8	0	0	110					
	Rep Suprarenal Aortic Aneurysm	3.7	4	2	1	346	0.0	0	0	0	0	0.0	0	0	0	2	0.2	1	0	0	17					
	Rep Thoracic Aortic Aneurysm	0.9	2	0	0	80	0.0	0	0	0	0	0.0	0	0	0	3	0.1	0	0	0	7					
	Endovas Rep Thora Aortic Aneurysm	7.3	9	4	1	684	0.0	0	0	0	0	0.0	0	0	0	3	1.6	4	0	0	148					
	Rep Thoracoabd Aortic Aneurysm	4.6	8	2	1	430	0.0	0	0	0	1	0.1	1	0	0	10	0.1	0	0	0	13					
	Rep Femoral Aneurysm	3.5	3	3	2	333	0.0	0	0	0	3	0.0	0	0	0	1	0.9	1	1	0	82					
	Rep Popliteal Aneurysm	2.6	2	2	1	241	0.0	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	9					
	Rep Other Aneurysm - Def Cat Credit	1.2	1	1	0	109	0.0	0	0	0	0	0.0	0	0	0	1	0.1	0	0	0	12					
	Rep Other Aneurysm	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0					
	Subtotal - Aneurysm Repair	91.8	38	84	90	8,625	0.5	1	0	0	46	1.0	3	0	0	91	18.0	24	8	2	1,691					
Cerebrovascular	Carotid Endarterectomy	44.5	21	40	25	4,181	0.3	1	0	0	32	0.2	1	0	0	18	0.7	1	0	0	67					
	Reop Carotid Surg (Sec Only)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	1.0	1	0	0	90					
	Transcath Place Carotid Artery Stent	11.5	12	8	0	1,079	0.0	0	0	0	0	0.3	1	0	0	30	0.2	1	0	0	15					
	Excise Carotid Body Tumor	0.8	1	0	0	78	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0					
	Vert Bypass or Reimplant/transpos	0.2	1	0	0	18	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	3					
	Direct Rep Aortic Arch Branches	0.7	1	0	0	70	0.0	0	0	0	0	0.0	0	0	0	0	0.2	1	0	0	18					
	Translum Balloon Angio - Brachioceph	2.5	3	1	1	239	0.0	0	0	0	1	0.0	0	0	0	0	3.4	8	1	0	323					
	Translum Atherectomy - Brachiocephalic	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	1					
	Transcat Place of Intrav Stent, Noncor.	0.2	1	0	0	21	0.0	0	0	0	0	0.0	0	0	0	4	0.0	0	0	0	1					
	Cervical Bypass Aortic Arch Branches	4.1	3	4	1	386	0.0	0	0	0	2	0.0	0	0	0	4	0.8	2	0	0	77					
	Embolect/thrombec by Neck/Thor Incis	0.1	0	0	0	13	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	5					
	Other Major Cerebrovas - Def Cat Cred	0.6	1	0	0	56	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	8					
	Other Cerebrovascular	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0					
	Subtotal - Cerebrovascular	65.3	26	62	62	6,142	0.4	1	0	0	35	0.6	2	0	0	56	6.5	9	4	1	608					

VASCULAR SURGERY: NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2007-2008
Residency Review Committee for Vascular Surgery

[PART 2] Number of Programs in the Nation: 78 Number of Residents in the Nation: 94

		Surgeon Fellow					Teaching Assistant					First Assistant					Secondary Procedures				
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM
RRC Area	RRC Procedure																				
Periph-Obstruct	Aorto-Ilio/femoral endarterectomy	2.0	3	1	0	185	0.0	0	0	0	3	0.0	0	0	0	1	1.3	3	0	0	124
	Aorto-ilio/femoral bypass, prosthetic	7.7	5	7	4	721	0.1	0	0	0	11	0.1	0	0	0	9	0.9	1	1	0	85
	Aorto-ilio/femoral bypass, vein	0.5	2	0	0	49	0.0	0	0	0	0	0.0	0	0	0	2	0.3	1	0	0	29
	Translum balloon angio aorta or iliac	8.5	10	5	3	796	0.1	1	0	0	9	0.0	0	0	0	1	19.8	33	10	1	1,864
	Translum atherectomy aorta or iliac	0.2	1	0	0	18	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	8
	Transcath place intravasc stent aorta	1.5	3	0	0	140	0.0	0	0	0	0	0.0	0	0	0	1	1.4	4	0	0	136
	Ilio-Iliac/femoral endarterectomy	4.5	4	3	3	420	0.0	0	0	0	3	0.0	0	0	0	1	2.5	3	1	0	232
	Excise infected graft, abdomen or chest	1.3	2	1	0	118	0.0	0	0	0	1	0.0	0	0	0	1	0.6	1	0	0	61
	Rep graft-enteric/aorto-enteric fistula	0.2	0	0	0	15	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	12
	Femoral, Profunda Endarterectomy	9.6	5	9	6	906	0.1	0	0	0	9	0.0	0	0	0	1	8.8	8	6	5	825
	Femoral-Popliteal Bypass, Vein	8.5	5	8	5	797	0.3	1	0	0	27	0.0	0	0	0	2	0.9	1	0	0	81
	Femoral-Popliteal Bypass, Prosth	8.3	6	8	2	778	0.1	1	0	0	10	0.0	0	0	0	2	1.4	2	1	0	133
	Translum balloon angio femoral-popl	18.2	15	14	6	1,715	0.1	0	0	0	12	0.0	0	0	0	1	17.6	18	12	1	1,659
	Translum atherectomy femoral-popliteal	3.6	6	2	0	340	0.0	0	0	0	1	0.0	0	0	0	1	1.5	3	0	0	139
	Endarterectomy, superf femoral, popl	1.1	1	1	0	100	0.0	0	0	0	2	0.0	0	0	0	1	1.2	2	1	0	115
	Infrapopliteal Bypass, Vein	14.0	10	12	9	1,320	0.2	1	0	0	17	0.1	0	0	0	7	0.7	1	0	0	68
	Infrapopliteal Bypass, Prosthetic	4.1	4	3	1	389	0.0	0	0	0	4	0.0	0	0	0	0	0.3	1	0	0	32
	Translum ballon angio, tibioperoneal	9.6	10	6	5	906	0.0	0	0	0	0	0.0	0	0	0	4	4.4	6	2	1	414
	Translum atherectomy, tibioperoneal	1.9	5	0	0	177	0.0	0	0	0	1	0.0	0	0	0	1	0.6	1	0	0	56
	Transcath place of intravas stent non-cor	36.6	28	33	15	3,441	0.0	0	0	0	4	0.2	1	0	0	15	35.1	33	26	9	3,301
	Excise infected graft, peripheral	3.2	3	2	1	303	0.1	0	0	0	5	0.0	0	0	0	4	1.4	2	1	1	133
	Revise Arterial Bypass	4.0	4	3	1	375	0.1	0	0	0	6	0.0	0	0	0	0	0.9	2	0	0	89
	Art embolectomy/thrombect by leg inc	7.0	5	6	5	656	0.1	0	0	0	13	0.0	0	0	0	2	7.1	6	6	5	668
	Graft Thrombectomy	1.2	2	1	0	117	0.0	0	0	0	1	0.0	0	0	0	0	1.3	2	1	0	118
	Adjunct vein cuff or AVF (Sec Only)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	1.2	3	0	0	117
	Harvest Arm Vein (Sec Proc Only)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	1.3	2	1	0	125
	Composite Leg Bypass Graft (Sec Only)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	1.7	2	1	0	164
	Re-Do Lower Extrem Bypass (Sec Only)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	3.7	5	1	0	350
	Other Major Periph - Def Cat Cred	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Other Major Periph	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Subtotal - Periph Obstruct	157.3	58	150	107	14,782	1.5	4	0	0	139	0.6	1	0	0	57	118.5	85	97	45	11,138

VASCULAR SURGERY: NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2007-2008
Residency Review Committee for Vascular Surgery

[PART 3] Number of Programs in the Nation: 78 Number of Residents in the Nation: 94

		Surgeon Fellow					Teaching Assistant					First Assistant					Secondary Procedures				
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM
RRC Area	RRC Procedure																				
Abdominal-Obstruct	Celiac/Sma Endarterect, Bypass	4.4	4	4	1	412	0.0	0	0	0	2	0.0	0	0	0	1	1.9	5	0	0	182
	Renal Endarterectomy, Bypass	1.3	2	1	0	126	0.0	0	0	0	0	0.0	0	0	0	0	1.4	4	0	0	133
	Embolectomy/thrombect, ren	0.5	1	0	0	47	0.0	0	0	0	0	0.0	0	0	0	0	0.2	1	0	0	23
	Translum balloon angio, renal	5.1	5	3	2	484	0.0	0	0	0	3	0.0	0	0	0	4	4.2	9	1	0	399
	Translum atherectomy, renal	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	3
	Transcat place of stent, ren art	4.0	6	2	0	374	0.0	0	0	0	0	0.0	0	0	0	0	2.0	4	1	0	187
	Other Abdominal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Subtotal - Abdominal Obstruct	15.4	10	14	10	1,444	0.1	0	0	0	5	0.1	0	0	0	5	9.9	17	6	1	927
	Upper Extremity	Open brachial artery exposure	0.1	0	0	0	6	0.0	0	0	0	0	0.0	0	0	0	0	1.1	3	0	0
Arm Bypass,Endarterectomy,Rep		2.3	2	2	2	215	0.0	0	0	0	1	0.0	0	0	0	1	0.1	0	0	0	13
Transcat place of intra stent noncoro		1.2	2	1	0	116	0.0	0	0	0	1	0.0	0	0	0	0	0.5	1	0	0	46
Thoracic Outlet Decomp Proc		2.6	4	1	0	246	0.1	1	0	0	11	0.0	0	0	0	2	0.1	0	0	0	13
Embolect/thrombect, by arm inc		2.0	2	2	1	185	0.0	0	0	0	1	0.0	0	0	0	0	1.1	2	1	0	108
Other Upper Extremity		0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
Subtotal - Upper Extremity		8.2	5	7	5	768	0.1	1	0	0	14	0.0	0	0	0	3	3.0	4	2	0	282
Extra-Anatomic	Axillo-Femoral Bypass	3.4	2	3	2	316	0.1	0	0	0	7	0.0	0	0	0	4	0.5	1	0	0	46
	Axillo-Popliteal-Tibial Bypass	0.2	1	0	0	21	0.0	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	6
	Femoral-Femoral Bypass	5.4	3	5	5	505	0.1	0	0	0	12	0.0	0	0	0	1	2.8	4	1	0	263
	Other Extra-Anatomic	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Subtotal - Extra-Anatomic	9.0	5	8	7	842	0.2	1	0	0	20	0.1	0	0	0	5	3.4	4	2	1	315
Thromb/Mech Thromb	Translum mech thrombect	1.4	3	0	0	132	0.0	0	0	0	0	0.0	0	0	0	0	0.7	1	0	0	68
	Thrombolysis, transart, transcat	6.5	6	5	0	608	0.0	0	0	0	1	0.0	0	0	0	3	2.6	4	2	0	244
	Exchange of thrombolysis cath	1.4	3	0	0	132	0.0	0	0	0	1	0.0	0	0	0	0	0.5	1	0	0	48
	Subtotal - Thrombol/Mech Thrombect	9.3	9	7	0	872	0.0	0	0	0	2	0.0	0	0	0	3	3.8	5	2	0	360

VASCULAR SURGERY: NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2007-2008
Residency Review Committee for Vascular Surgery

[PART 4]		Number of Programs in the Nation: 78					Number of Residents in the Nation: 94														
		Surgeon Fellow					Teaching Assistant					First Assistant					Secondary Procedures				
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM
RRC Area	RRC Procedure																				
Misc Endovasc	Endo place iliac art occ	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	1.5	3	1	0	142
	Transcath thera, infuson non	0.4	2	0	0	38	0.0	0	0	0	0	0.0	0	0	0	0	0.5	2	0	0	47
	Transcath retr of intravasc foreign	1.8	3	0	0	169	0.1	0	0	0	5	0.0	0	0	0	0	0.5	3	0	0	45
	Transcath art occl or embolization	6.5	7	5	1	611	0.0	0	0	0	1	0.0	0	0	0	1	3.4	5	2	0	315
	Transcath place of wireless sensor	0.0	0	0	0	2	0.0	0	0	0	0	0.0	0	0	0	0	1.0	4	0	0	93
	Pressure meas from wireless sensor	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	1
	Subtotal - Misc Endovas Therap	8.7	9	6	1	820	0.1	0	0	0	6	0.0	0	0	0	1	6.8	8	4	4	643
Trauma	Repair Thoracic Vessels	0.3	1	0	0	28	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	9
	Repair Neck Vessels	0.5	1	0	0	51	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	4
	Repair Abdominal Vessels	1.6	2	1	0	155	0.0	0	0	0	0	0.0	0	0	0	0	0.3	1	0	0	29
	Repair Peripheral Vessels	8.4	6	7	7	789	0.1	0	0	0	12	0.1	0	0	0	7	2.4	5	1	0	226
	Fasciotomy	1.0	1	1	0	97	0.1	0	0	0	7	0.0	0	0	0	1	3.9	4	3	0	369
	Subtotal - Trauma	11.9	8	11	5	1,120	0.2	1	0	0	20	0.1	1	0	0	8	6.8	8	5	6	637
Total Major	Total Major	376.8	105	369	226	35,415	3.1	7	0	0	287	2.4	5	0	0	229	176.6	128	152	62	16,601
Venous	Portal-Systemic Shunt	0.2	1	0	0	17	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	1
	Operation For Varicose Veins	6.1	10	3	0	575	0.2	1	0	0	16	0.0	0	0	0	1	4.2	7	2	0	399
	Sclerotherapy, Periph Vein	0.6	2	0	0	59	0.0	0	0	0	0	0.1	1	0	0	5	0.2	1	0	0	17
	Embolectomy/Thrombectomy,	0.5	1	0	0	49	0.0	0	0	0	1	0.0	0	0	0	0	0.3	1	0	0	24
	Endoluminal ablation	5.1	8	1	0	480	0.0	0	0	0	1	0.1	1	0	0	5	0.3	1	0	0	27
	Operations For Venous Ulceration	0.3	1	0	0	31	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	2
	Venous Reconstruction	1.1	2	1	0	104	0.0	0	0	0	0	0.0	0	0	0	1	0.1	0	0	0	10
	Translum balloon angio, venous	10.1	10	6	0	950	0.1	0	0	0	5	0.0	0	0	0	2	4.1	7	2	0	388
	Translum mech thrombect, venous	0.5	1	0	0	45	0.0	0	0	0	0	0.0	0	0	0	1	0.2	1	0	0	17
	Thrombolysis, transven, transcat	0.5	1	0	0	47	0.0	0	0	0	0	0.0	0	0	0	0	0.2	1	0	0	17
	Exch of thromb cath (Sec Only)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.2	1	0	0	17
	Interruption of IVC	19.1	19	14	0	1,795	0.3	1	0	0	32	0.0	0	0	0	3	1.5	5	0	0	139
	Repair A-V Malformation	0.0	0	0	0	4	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Subtotal - Venous	44.2	30	39	9	4,156	0.6	2	0	0	56	0.2	1	0	0	18	11.3	12	7	7	1,058

VASCULAR SURGERY: NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2007-2008
Residency Review Committee for Vascular Surgery

[PART 5]		Number of Programs in the Nation: 78					Number of Residents in the Nation: 94														
		Surgeon Fellow					Teaching Assistant					First Assistant					Secondary Procedures				
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res SUM
RRC Area	RRC Procedure																				
Endovas-Diag	Arteriography	81.9	49	67	55	7,703	0.4	1	0	0	39	0.3	1	0	0	24	261.6	217	223	140	24,586
	Venography	11.0	14	6	2	1,036	0.1	0	0	0	7	0.0	0	0	0	1	20.4	20	15	0	1,920
	Angioscopy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.5	2	0	0	45
	Intravascular Ultrasound	1.6	4	0	0	151	0.0	0	0	0	1	0.0	0	0	0	0	8.6	25	1	0	809
	Subtotal - Endo Diagnostic	94.6	52	82	61	8,890	0.5	1	0	0	47	0.3	1	0	0	25	291.1	232	243	0	27,360
Misc Vascular	Exploration of artery	3.2	5	2	0	302	0.1	0	0	0	9	0.0	0	0	0	2	24.5	36	7	0	2,301
	Postop exp bleed, Thromb Infect	2.1	3	1	0	200	0.1	0	0	0	6	0.0	0	0	0	1	0.9	2	0	0	85
	Major Vascular Ligation	2.3	3	1	1	213	0.1	0	0	0	8	0.0	0	0	0	3	1.2	3	0	0	117
	Inject pseudoaneurysm	1.7	3	1	0	157	0.0	0	0	0	0	0.0	0	0	0	1	0.0	0	0	0	2
	Spine Exposure	1.2	4	0	0	115	0.0	0	0	0	2	0.0	0	0	0	0	0.2	1	0	0	15
	Sympathectomy	0.3	2	0	0	31	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	3
	Lymphatic Procedure	0.4	1	0	0	36	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Other misc vascular proc	1.4	3	0	0	127	0.0	0	0	0	1	0.0	0	0	0	3	0.8	2	0	0	77
	Subtotal - Misc Vascular	12.6	13	11	4	1,181	0.3	1	0	0	28	0.1	0	0	0	10	27.7	37	11	0	2,601
Vascular Access	A-V Fistula	16.0	17	13	0	1,505	0.7	2	0	0	63	0.0	0	0	0	3	0.6	2	0	0	59
	A-V Graft	6.2	6	4	0	585	0.1	0	0	0	10	0.0	0	0	0	4	0.4	1	0	0	40
	Percutaneous-Other Access	4.1	10	0	0	390	0.0	0	0	0	1	0.0	0	0	0	0	0.9	3	0	0	89
	Revision, A-V Access	7.0	8	4	0	660	0.1	0	0	0	6	0.0	0	0	0	1	2.1	4	1	0	197
	Subtotal - Vascular Access	33.4	32	26	0	3,140	0.9	2	0	0	80	0.1	1	0	0	8	4.1	7	2	0	385
Amputations	Amputation, Digit	2.5	3	1	0	234	0.3	1	0	0	27	0.0	0	0	0	2	0.8	1	0	0	76
	Amputation, Transmetatarsal	2.0	3	1	0	188	0.1	1	0	0	14	0.0	0	0	0	1	0.5	1	0	0	47
	Amputation, Below Knee	5.1	5	4	0	477	1.0	3	0	0	91	0.1	1	0	0	7	0.3	1	0	0	24
	Amputation, Above Knee	4.1	3	3	0	390	0.6	1	0	0	55	0.1	1	0	0	12	0.4	1	0	0	34
	Amputation, Upper Extremity	0.0	0	0	0	4	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	3
	Amputation Closure, Revision	0.5	1	0	0	51	0.1	0	0	0	6	0.0	0	0	0	0	0.1	0	0	0	5
	Subtotal - Amputations	14.3	12	11	2	1,344	2.1	4	0	0	193	0.2	2	0	0	22	2.0	3	1	0	189
Total Minor	Total Minor	199.1	91	178	110	18,711	4.3	8	0	0	404	0.9	3	0	0	83	336.1	254	296	0	31,593
Total Operations	TOTAL	575.8	154	551	406	54,126	7.4	13	1	0	691	3.3	7	1	0	312	512.7	357	484	501	48,194

VASCULAR SURGERY: NATIONAL PROGRAM STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2007-2008

Residency Review Committee for Vascular Surgery

[PART 1] Number of Programs in the Nation: 78 Number of Residents in the Nation: 94																						
RRC Area	Surgeon Fellow											Secondary Procedures										
	Percentiles					Standard Deviations						Percentiles					Standard Deviations					
	10	30	50	70	90	-3	-2	-1	+1	+2	+3	10	30	50	70	90	-3	-2	-1	+1	+2	+3
Aneurysm-Repair	53	64	84	107	147	0	17	54	129	167	204	1	4	9	17	48	0	0	0	42	66	90
Cerebrovascular	35	50	62	74	101	0	12	39	92	118	145	0	1	4	7	16	0	0	0	15	24	32
Periph-Obstruct	90	117	143	189	234	0	40	99	216	274	332	30	64	96	142	214	0	0	33	204	289	374
Abdominal-Obstruct	3	8	13	20	27	0	0	5	26	36	46	0	2	5	8	21	0	0	0	27	43	60
Upper Extremity	3	5	7	9	15	0	0	3	14	19	25	0	0	2	3	7	0	0	0	7	11	16
Extra-Anatomic	3	7	9	12	15	0	0	4	14	19	23	0	1	2	4	9	0	0	0	7	11	15
Thromb/Mech Thromb	0	3	7	12	21	0	0	0	18	27	36	0	1	2	5	9	0	0	0	9	13	18
Misc Endovasc Thera	1	3	5	10	21	0	0	0	18	27	36	1	2	4	7	19	0	0	0	15	22	30
Trauma	4	7	11	14	25	0	0	4	20	28	36	0	2	5	7	15	0	0	0	14	22	30
Total Major	245	298	369	443	548	61	166	272	482	587	692	49	101	155	199	306	0	0	49	304	432	559
Venous	11	25	39	52	87	0	0	14	75	105	135	1	5	7	14	30	0	0	0	23	35	47
Endovasc-Diag	47	62	83	112	157	0	0	43	146	198	250	39	144	242	359	523	0	0	59	523	755	988
Misc Vascular	4	7	11	15	23	0	0	0	26	39	53	0	4	10	29	88	0	0	0	65	102	140
Vascular Access	1	12	26	41	78	0	0	2	65	97	128	0	1	2	4	14	0	0	0	11	17	24
Amputations	2	5	13	19	34	0	0	2	27	39	51	0	1	1	2	5	0	0	0	5	8	10
Total Minor	105	145	178	236	332	0	18	108	290	380	471	69	158	291	409	646	0	0	83	590	843	1,097
Total Operations	406	487	556	642	795	114	268	422	730	884	1,038	127	285	474	560	996	0	0	156	870	1,227	1,584