



## 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 2009-2010**  
**Residency Review Committee for Vascular Surgery**  
**Report Date: September 15, 2010**

[PAGE 1 ] Number of Programs in the Nation: 92 Number of Residents in the Nation: 120

		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 Infra renal A-I Aneur, Rupt	3.5	3	3	2	421	0.0	0	0	0	1	0.1	0	0	0	8	0.1	0	0	0	12
	Open Rep Infra renal A-I Aneur, Elect	13.3	6	12	11	1,596	0.1	0	0	0	8	0.1	0	0	0	10	0.6	1	0	0	72
	Endovas Rep Abd Aort/Iliac Aneur	44.2	20	43	24	5,308	0.3	1	0	0	36	0.4	1	0	0	50	14.0	18	7	0	1,682
	Endovas Rep of Iliac Artery	1.9	2	1	1	233	0.0	0	0	0	1	0.0	0	0	0	3	0.3	1	0	0	36
	Rep Suprarenal Aortic Aneurysm	2.8	5	1	0	331	0.0	0	0	0	2	0.0	0	0	0	2	0.1	0	0	0	10
	Rep Thoracic Aortic Aneurysm	0.6	1	0	0	70	0.0	0	0	0	0	0.1	1	0	0	10	0.1	0	0	0	10
	Endovas Rep Thora Aortic Aneurysm	12.4	10	11	7	1,491	0.0	0	0	0	4	0.3	1	0	0	31	2.3	4	1	0	274
	Rep Thoracoabd Aortic Aneurysm	3.6	5	2	0	429	0.0	0	0	0	0	0.1	1	0	0	17	0.1	1	0	0	17
	Rep Femoral Aneurysm	3.5	3	3	2	422	0.0	0	0	0	4	0.0	0	0	0	1	0.8	1	0	0	90
	Rep Popliteal Aneurysm	2.2	2	2	1	261	0.0	0	0	0	4	0.0	0	0	0	1	0.1	0	0	0	15
	Rep Other Aneurysm - Def Cat Credit	1.0	1	1	0	123	0.0	0	0	0	0	0.0	0	0	0	2	0.1	0	0	0	8
	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	89.0	33	85	46	10,685	0.5	2	0	0	60	1.1	3	0	0	135	18.6	21	11	0	2,226
Cerebrovascular	Carotid Endarterectomy	48.4	20	44	41	5,802	0.4	2	0	0	50	0.2	1	0	0	19	0.8	1	0	0	91
	Reop Carotid Surg (Sec Only)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	1.1	2	0	0	126
	Transcath Place Carotid Artery Stent	13.6	10	12	2	1,634	0.1	0	0	0	9	0.6	2	0	0	73	0.2	1	0	0	25
	Excise Carotid Body Tumor	0.7	1	0	0	80	0.0	0	0	0	0	0.0	0	0	0	2	0.0	0	0	0	1
	Vert Bypass or Reimplant/transpos	0.3	1	0	0	36	0.0	0	0	0	0	0.0	0	0	0	1	0.0	0	0	0	5
	Direct Rep Aortic Arch Branches	0.6	1	0	0	66	0.0	0	0	0	1	0.0	0	0	0	2	0.1	1	0	0	12
	Translum Balloon Angio - Brachioceph	1.8	3	1	0	221	0.0	0	0	0	2	0.0	0	0	0	1	2.0	5	0	0	243
	Translum Atherectomy - Brachiocephalic	0.0	0	0	0	2	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	2
	Transcat Place of Intrav Stent, Noncor.	0.3	1	0	0	40	0.0	0	0	0	0	0.0	0	0	0	2	0.0	0	0	0	3
	Cervical Bypass Aortic Arch Branches	4.4	4	3	3	525	0.0	0	0	0	2	0.1	0	0	0	7	1.1	2	0	0	135
	Embolect/thrombec by Neck/Thor Incis	0.3	1	0	0	33	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	9
	Other Major Cerebrovas - Def Cat Cred	0.6	1	0	0	73	0.0	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	7
	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	70.9	26	68	67	8,512	0.5	2	0	0	65	0.9	2	0	0	107	5.5	7	4	4	659

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		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	3.2	6	2	0	381	0.0	0	0	0	3	0.0	0	0	0	2	1.2	2	0	0	147
	Aorto-ilio/femoral bypass, prosthetic	8.9	6	8	2	1,062	0.1	0	0	0	11	0.0	0	0	0	4	0.8	1	0	0	96
	Aorto-ilio/femoral bypass, vein	0.6	1	0	0	66	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	12
	Translum balloon angio aorta or iliac	9.1	12	7	5	1,095	0.0	0	0	0	2	0.0	0	0	0	3	14.4	15	12	12	1,731
	Translum atherectomy aorta or iliac	0.2	1	0	0	29	0.0	0	0	0	0	0.0	0	0	0	0	0.3	1	0	0	34
	Transcath place intravasc stent aorta	2.0	3	1	0	238	0.0	0	0	0	1	0.0	0	0	0	2	2.1	5	1	0	246
	Ilio-Iliac/femoral endarterectomy	3.5	3	3	2	419	0.0	0	0	0	4	0.0	0	0	0	1	1.5	2	1	0	177
	Excise infected graft, abdomen or chest	1.2	1	1	0	148	0.0	0	0	0	1	0.0	0	0	0	3	0.5	1	0	0	63
	Rep graft-enteric/aorto-enteric fistula	0.2	1	0	0	26	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	6
	Femoral, Profunda Endarterectomy	10.7	6	10	10	1,279	0.1	1	0	0	16	0.0	0	0	0	2	10.0	9	8	5	1,201
	Femoral-Popliteal Bypass, Vein	9.3	5	9	10	1,110	0.2	1	0	0	18	0.1	0	0	0	6	1.3	2	1	0	150
	Femoral-Popliteal Bypass, Prosth	8.6	5	8	5	1,029	0.1	0	0	0	12	0.0	0	0	0	2	1.8	2	1	0	215
	Translum balloon angio femoral-popl	18.5	14	14	7	2,216	0.2	1	0	0	18	0.1	1	0	0	15	21.1	20	17	0	2,528
	Translum atherectomy femoral-popliteal	3.7	6	1	0	444	0.0	0	0	0	2	0.0	0	0	0	0	1.9	4	0	0	222
	Endarterectomy, superf femoral, popul	1.9	2	1	1	224	0.0	0	0	0	2	0.0	0	0	0	0	1.8	2	1	0	213
	Infrapopliteal Bypass, Vein	15.8	10	13	11	1,890	0.2	1	0	0	24	0.0	0	0	0	3	1.0	1	0	0	116
	Infrapopliteal Bypass, Prosthetic	4.2	4	3	1	502	0.1	0	0	0	7	0.0	0	0	0	2	0.5	1	0	0	64
	Translum ballon angio, tibioperoneal	11.2	11	8	4	1,344	0.1	0	0	0	10	0.0	0	0	0	2	6.5	8	5	0	781
	Translum atherectomy, tibioperoneal	2.0	4	1	0	240	0.0	0	0	0	0	0.0	0	0	0	1	0.6	2	0	0	77
	Transcath place of intravas stent non-cor	32.3	21	28	27	3,881	0.3	1	0	0	32	0.1	0	0	0	9	31.6	30	25	25	3,792
	Excise infected graft, peripheral	2.5	2	2	0	301	0.1	0	0	0	10	0.0	0	0	0	1	1.3	2	1	0	155
	Revise Arterial Bypass	3.9	4	3	2	468	0.0	0	0	0	4	0.0	0	0	0	0	1.1	2	1	0	133
	Art embolectomy/thrombect by leg inc	6.1	5	5	3	726	0.2	1	0	0	21	0.0	0	0	0	2	7.4	7	6	3	892
	Graft Thrombectomy	1.0	2	0	0	119	0.0	0	0	0	0	0.0	0	0	0	0	1.3	2	1	0	158
	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	1.7	3	0	0	198
	Harvest Arm Vein (Sec Proc Only)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	1.0	2	0	0	118
	Composite Leg Bypass Graft (Sec Only)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	1.6	3	1	0	188
	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	2	0	441
	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	160.3	58	157	140	19,237	1.7	5	0	0	198	0.5	1	0	0	60	118.0	76	109	44	14,154

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RRC Area	RRC Procedure																				
Abdominal-Obstruct	Celiac/Sma Endarterect, Bypass	3.8	3	4	1	461	0.0	0	0	0	2	0.0	0	0	0	3	1.0	2	0	0	116
	Renal Endarterectomy, Bypass	1.0	2	1	0	125	0.0	0	0	0	0	0.0	0	0	0	2	1.5	4	0	0	179
	Embolectomy/thrombect, ren	0.8	1	0	0	93	0.0	0	0	0	0	0.0	0	0	0	2	0.2	0	0	0	19
	Translum balloon angio, renal	4.0	4	3	3	483	0.0	0	0	0	2	0.1	0	0	0	6	3.2	5	2	0	382
	Translum atherectomy, renal	0.1	0	0	0	6	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	1
	Transcat place of stent, ren art	6.2	5	5	0	738	0.1	0	0	0	8	0.0	0	0	0	5	4.4	7	2	0	525
	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	15.9	9	14	13	1,906	0.1	1	0	0	12	0.2	1	0	0	18	10.2	14	6	0	1,222
Upper Extremity	Open brachial artery exposure	0.3	1	0	0	31	0.0	0	0	0	1	0.0	0	0	0	0	1.4	3	0	0	162
	Arm Bypass,Endarterectomy,Rep	2.4	2	2	1	282	0.0	0	0	0	2	0.0	0	0	0	0	0.2	0	0	0	23
	Transcat place of intra stent noncoro	3.5	4	2	2	414	0.0	0	0	0	5	0.0	0	0	0	3	1.1	2	0	0	130
	Thoracic Outlet Decomp Proc	3.4	5	2	0	404	0.0	0	0	0	3	0.1	0	0	0	7	0.3	1	0	0	31
	Embolect/thrombect, by arm inc	2.7	2	2	2	328	0.1	0	0	0	11	0.0	0	0	0	1	1.5	2	1	0	185
	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	12.2	7	11	9	1,459	0.2	1	0	0	22	0.1	0	0	0	11	4.4	4	3	0	531
Extra-Anatomic	Axillo-Femoral Bypass	3.7	3	3	2	447	0.1	0	0	0	6	0.0	0	0	0	2	0.8	1	0	0	90
	Axillo-Popliteal-Tibial Bypass	0.2	1	0	0	27	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	10
	Femoral-Femoral Bypass	5.9	3	5	3	703	0.1	0	0	0	11	0.0	0	0	0	3	2.8	3	2	0	341
	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	9.8	5	9	5	1,177	0.1	1	0	0	17	0.0	0	0	0	5	3.7	4	3	0	441
Thromb/Mech Thromb	Translum mech thrombect	4.0	5	3	0	478	0.0	0	0	0	4	0.0	0	0	0	1	2.7	4	1	0	323
	Thrombolysis, transart, transcat	6.3	6	5	0	751	0.0	0	0	0	4	0.0	0	0	0	0	2.5	3	2	0	295
	Exchange of thrombolysis cath	1.3	2	0	0	156	0.0	0	0	0	2	0.0	0	0	0	0	0.8	2	0	0	93
	Subtotal - Thrombol/Mech Thrombect	11.5	9	10	2	1,385	0.1	1	0	0	10	0.0	0	0	0	1	5.9	7	4	0	711

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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	1.4	2	1	0	172
	Transcath thera, infusion non thromb	0.2	1	0	0	27	0.0	0	0	0	0	0.0	0	0	0	0	0.8	3	0	0	96
	Transcath retr of intravasc foreign	2.1	4	1	0	248	0.1	0	0	0	7	0.0	0	0	0	3	0.8	2	0	0	97
	Transcath art occl or embolization	6.2	8	4	2	744	0.0	0	0	0	4	0.0	0	0	0	3	3.7	5	2	0	446
	Transcath place of wireless sensor	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	0	0.6	2	0	0	68
	Pressure meas from wireless	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	15
	Subtotal - Misc Endovas Therap	8.5	10	5	3	1,020	0.1	1	0	0	11	0.1	0	0	0	6	7.5	7	6	7	894
Trauma	Repair Thoracic Vessels	0.3	1	0	0	40	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	14
	Repair Neck Vessels	0.6	1	0	0	75	0.0	0	0	0	0	0.0	0	0	0	1	0.1	0	0	0	6
	Repair Abdominal Vessels	2.1	3	1	0	250	0.0	0	0	0	0	0.0	0	0	0	1	0.3	1	0	0	37
	Repair Peripheral Vessels	8.3	6	7	4	996	0.1	1	0	0	16	0.0	0	0	0	3	3.0	7	1	0	363
	Fasciotomy	1.4	2	1	0	164	0.0	0	0	0	5	0.0	0	0	0	0	3.4	4	2	0	411
	Subtotal - Trauma	12.7	8	11	7	1,525	0.2	1	0	0	21	0.0	0	0	0	5	6.9	10	4	0	831
Total Major	Total Major	390.9	110	387	263	46,906	3.5	10	0	0	416	2.9	6	0	0	348	180.6	114	176	73	21,669
Venous	Portal-Systemic Shunt	0.1	0	0	0	13	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	1
	Operation For Varicose Veins	5.6	7	4	0	673	0.2	1	0	0	18	0.0	0	0	0	2	5.1	8	3	0	610
	Sclerotherapy, Periph Vein	0.7	3	0	0	80	0.0	0	0	0	0	0.0	0	0	0	5	0.2	1	0	0	26
	Embolectomy/Thrombectomy,	0.5	1	0	0	57	0.0	0	0	0	0	0.0	0	0	0	0	0.4	1	0	0	44
	Endoluminal ablation	10.4	12	7	0	1,246	0.2	1	0	0	18	0.0	0	0	0	0	0.8	2	0	0	101
	Operations For Venous Ulceration	0.3	1	0	0	31	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	8
	Venous Reconstruction	1.1	2	1	0	134	0.0	0	0	0	0	0.0	0	0	0	1	0.2	1	0	0	28
	Translum balloon angio, venous	14.1	14	10	1	1,688	0.1	0	0	0	6	0.0	0	0	0	5	6.3	10	3	1	751
	Translum mech thrombect, venous	2.2	3	1	0	262	0.0	0	0	0	2	0.0	0	0	0	2	0.9	2	0	0	109
	Thrombolysis, transven, transcat	1.6	3	1	0	197	0.0	0	0	0	0	0.0	0	0	0	0	0.9	2	0	0	109
	Exch of thromb cath (Sec Only)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.3	1	0	0	41
	Interruption of IVC	16.0	16	13	0	1,924	0.4	1	0	0	45	0.0	0	0	0	4	2.2	3	1	0	262
	Repair A-V Malformation	0.1	0	0	0	8	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	1
	Subtotal - Venous	52.6	34	43	46	6,313	0.7	2	0	0	89	0.2	1	0	0	19	17.4	17	14	0	2,091

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[PAGE 5 ]		Number of Programs in the Nation: 92    Number of Residents in the Nation: 120																			
		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	91.4	45	93	82	10,972	0.4	1	0	0	44	0.4	1	0	0	42	274.8	179	248	0	32,977
	Venography	15.2	20	10	3	1,822	0.2	2	0	0	25	0.0	0	0	0	5	24.3	24	18	0	2,915
	Angioscopy	0.1	1	0	0	15	0.0	0	0	0	0	0.0	0	0	0	0	1.1	6	0	0	129
	Intravascular Ultrasound	1.9	6	0	0	228	0.0	0	0	0	2	0.0	0	0	0	3	9.3	22	1	0	1,120
	Subtotal - Endo Diagnostic	108.6	53	106	101	13,037	0.6	2	0	0	71	0.4	1	0	0	50	309.5	197	289	0	37,141
Misc Vascular	Exploration of artery	3.1	7	2	0	369	0.0	0	0	0	2	0.0	0	0	0	3	24.6	30	12	0	2,955
	Postop exp bleed, Thromb Infect	2.1	3	1	0	249	0.0	0	0	0	3	0.0	0	0	0	3	0.8	1	0	0	97
	Major Vascular Ligation	3.0	3	2	1	363	0.1	0	0	0	9	0.0	0	0	0	4	1.3	2	0	0	151
	Inject pseudoaneurysm	2.0	4	1	0	240	0.0	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	6
	Spine Exposure	2.6	6	0	0	315	0.0	0	0	0	2	0.0	0	0	0	0	0.5	2	0	0	62
	Sympathectomy	0.2	1	0	0	24	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	2
	Lymphatic Procedure	0.2	1	0	0	22	0.0	0	0	0	0	0.0	0	0	0	0	0.1	0	0	0	8
	Other misc vascular proc	0.6	1	0	0	72	0.1	0	0	0	6	0.0	0	0	0	2	0.8	4	0	0	96
	Subtotal - Misc Vascular	13.8	13	12	4	1,654	0.2	1	0	0	24	0.1	1	0	0	12	28.1	32	16	0	3,377
Vascular Access	A-V Fistula	20.0	17	17	0	2,404	0.6	2	0	0	67	0.0	0	0	0	5	0.7	2	0	0	82
	A-V Graft	8.1	8	6	0	976	0.2	1	0	0	29	0.0	0	0	0	3	0.6	1	0	0	67
	Percutaneous-Other Access	2.7	6	0	0	323	0.0	0	0	0	3	0.0	0	0	0	0	1.1	3	0	0	131
	Revision, A-V Access	9.3	12	5	0	1,111	0.1	0	0	0	11	0.0	0	0	0	1	3.0	5	1	0	357
	Subtotal - Vascular Access	40.1	33	33	1	4,814	0.9	3	0	0	110	0.1	0	0	0	9	5.3	8	2	0	637
Amputations	Amputation, Digit	3.4	4	2	0	403	0.3	1	0	0	32	0.0	0	0	0	1	1.1	2	0	0	136
	Amputation, Transmetatarsal	2.6	5	1	0	309	0.1	0	0	0	16	0.0	0	0	0	0	0.4	1	0	0	53
	Amputation, Below Knee	6.3	6	5	1	756	0.7	2	0	0	78	0.0	0	0	0	4	0.2	1	0	0	28
	Amputation, Above Knee	5.7	5	5	1	681	0.7	2	0	0	79	0.0	0	0	0	5	0.6	1	0	0	68
	Amputation, Upper Extremity	0.2	1	0	0	22	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	2
	Amputation Closure, Revision	0.5	1	0	0	59	0.1	0	0	0	6	0.0	0	0	0	1	0.0	0	0	0	1
	Subtotal - Amputations	18.6	15	14	14	2,230	1.8	4	0	0	211	0.1	1	0	0	11	2.4	3	1	0	288
Total Minor	Total Minor	233.7	101	222	168	28,048	4.2	8	0	0	505	0.8	3	0	0	101	362.8	222	342	0	43,534
Total Operations	TOTAL	624.6	171	611	611	74,954	7.7	16	1	0	921	3.7	8	0	0	449	543.4	310	506	223	65,203

# VASCULAR SURGERY: NATIONAL PROGRAM STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Vascular Surgery

Report Date: September 15, 2010

[PAGE 6 ]      Number of Programs in the Nation: 92    Number of Residents in the Nation: 120																						
	Surgeon Fellow											Secondary Procedures										
	Prog Percentiles					Prog Standard Deviations						Prog Percentiles					Prog Standard Deviations					
	10	30	50	70	90	-3	-2	-1	+1	+2	+3	10	30	50	70	90	-3	-2	-1	+1	+2	+3
RRC Area																						
Aneurysm-Repair	51	68	88	107	130	0	22	56	123	156	190	1	4	9	19	49	0	0	0	40	61	82
Cerebrovascular	43	54	68	78	104	0	19	45	97	123	149	0	2	4	6	12	0	0	0	12	19	25
Periph-Obstruct	97	122	158	179	227	0	43	102	219	277	336	33	69	104	150	211	0	0	41	194	271	347
Abdominal-Obstruct	6	10	14	19	25	0	0	7	25	33	42	1	3	5	10	24	0	0	0	24	38	51
Upper Extremity	4	8	12	15	22	0	0	5	19	27	34	0	2	3	6	10	0	0	0	9	13	18
Extra-Anatomic	5	7	10	12	16	0	0	5	15	19	24	0	1	3	5	8	0	0	0	7	11	15
Thromb/Mech Thromb	2	6	9	15	25	0	0	2	21	30	39	0	2	4	7	13	0	0	0	13	20	27
Misc Endovasc Thera	1	3	5	10	21	0	0	0	18	28	38	1	3	6	9	17	0	0	1	14	21	28
Trauma	5	8	11	15	24	0	0	4	21	29	38	0	2	4	7	16	0	0	0	16	26	35
Total Major	270	330	385	434	516	61	171	281	501	611	721	52	101	158	217	307	0	0	66	295	409	523
Venous	21	34	44	64	95	0	0	18	87	121	156	2	6	13	22	39	0	0	1	34	50	67
Endovas-Diag	48	83	105	123	166	0	4	56	161	214	266	76	190	285	380	554	0	0	113	507	704	901
Misc Vascular	3	7	11	17	27	0	0	0	27	41	54	0	3	13	31	74	0	0	0	60	92	123
Vascular Access	4	15	31	50	79	0	0	7	73	106	140	0	1	2	6	16	0	0	0	13	21	28
Amputations	4	9	14	23	37	0	0	3	34	49	64	0	0	2	3	6	0	0	0	6	9	12
Total Minor	115	175	225	275	373	0	31	132	335	437	538	80	223	345	418	652	0	0	141	585	806	1,028
Total Operations	434	533	613	690	827	113	283	454	795	966	1,136	152	349	491	660	944	0	0	233	854	1,164	1,474