

2005 AAPA Physician Assistant Census Report for Surgical PAs

Section I: Characteristics of 2005 AAPA Census Respondents

Table 1.1: Number and Percent Distribution of Census Respondents by whether in Surgery

	Count	Percent
Total	22502	100.0%
General Surgery	563	2.5%
Surgical Subspecialties	4345	19.3%
All Others	17594	78.2%

Table 1.2: Number and Percent Distribution of Census Respondents by Sex

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Total	563	100.0%	4315	100.0%	17440	100.0%	22318	100.0%
Male	187	33.2%	2155	49.9%	6231	35.7%	8573	38.4%
Female	376	66.8%	2160	50.1%	11209	64.3%	13745	61.6%

Table 1.3: Number and Percent Distribution of Census Respondents by Race

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Total	519	100.0%	3976	100.0%	15893	100.0%	20388	100.0%
Asian/Pacific Islander	21	4.0%	164	4.1%	540	3.4%	725	3.6%
Black (Not Hispanic)	27	5.2%	96	2.4%	581	3.7%	704	3.5%
Hispanic/Latino Origin	19	3.7%	128	3.2%	615	3.9%	762	3.7%
Amer Indian/Alaskan			15	.4%	154	1.0%	169	.8%
White (Not Hispanic)	452	87.1%	3573	89.9%	14003	88.1%	18028	88.4%

Table 1.4: Number and Percent Distribution of Census Respondents by PA Degrees Held

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	522	100.0%	4016	100.0%	16281	100.0%	20819	100.0%
Certificate from PA school	158	30.3%	1157	28.8%	5335	32.8%	6650	31.9%
Associate's degree from PA school	51	9.8%	261	6.5%	1191	7.3%	1503	7.2%
Bachelor's degree from PA school	221	42.3%	1838	45.8%	7643	46.9%	9702	46.6%
Master's degree from PA school	171	32.8%	1376	34.3%	4666	28.7%	6213	29.8%

*Percentages sum to more than 100 because some PAs received multiple degree types.

Table 1.5: Summary Measures of Age for Census Respondents

	General Surgery	Surgical Subspecialties	All Others	Total
Count	563	4345	17534	22442
Mean	38.8	38.6	42.3	41.5
Standard deviation	10.4	9.6	11.1	10.9
10th p-tile	27.0	27.0	28.0	28.0
25th p-tile	29.0	31.0	33.0	32.0
Median	36.0	36.0	41.0	40.0
75th p-tile	47.0	46.0	51.0	50.0
90th p-tile	54.0	53.0	57.0	57.0

Table 1.6: Summary Measures of Age During Year of Graduation from PA School for Census Respondents

	General Surgery	Surgical Subspecialties	All Others	Total
Count	563	4345	17535	22443
Mean	29.5	29.7	31.1	30.8
Standard deviation	6.3	5.9	7.1	6.9
10th p-tile	24.0	24.0	24.0	24.0
25th p-tile	25.0	25.0	26.0	26.0
Median	27.0	28.0	29.0	29.0
75th p-tile	32.0	32.0	35.0	34.0
90th p-tile	40.0	38.0	42.0	41.0

Table 1.7: Summary Measures of Years since Graduation from PA School for Census Respondents

	General Surgery	Surgical Subspecialties	All Others	Total
Count	563	4345	17594	22502
Mean	9.2	8.9	11.3	10.8
Standard deviation	9.1	8.2	9.4	9.2
10th p-tile	1.0	1.0	2.0	1.0
25th p-tile	2.0	3.0	4.0	3.0
Median	5.0	6.0	8.0	7.0
75th p-tile	15.0	13.0	19.0	17.0
90th p-tile	25.0	23.0	27.0	26.0

Section II: Professional Status of Respondents

Table 2.1: Number and Percent Distribution of Respondents by Clinical Practice Status

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Total	563	100.0%	4345	100.0%	17594	100.0%	22502	100.0%
In clinical practice	563	100.0%	4345	100.0%	15111	85.9%	20019	89.0%
Not in clinical practice					2483	14.1%	2483	11.0%

Table 2.2: Number and Percent Distribution of Respondents by Current Professional Status*

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	563	100.0%	4345	100.0%	17594	100.0%	22502	100.0%
Clinically practicing PA	563	100.0%	4345	100.0%	15111	85.9%	20019	89.0%
Clinically practicing physician or resident					98	.6%	98	.4%
Clinically practicing NP			4	.1%	170	1.0%	174	.8%
Other clinically practicing provider	1	.2%	18	.4%	162	.9%	181	.8%
PA educator	31	5.5%	126	2.9%	797	4.5%	954	4.2%
Other health professions educator	6	1.1%	40	.9%	247	1.4%	293	1.3%
Health care professional-administrator	10	1.8%	39	.9%	348	2.0%	397	1.8%
Health care professional-researcher	1	.2%	23	.5%	156	.9%	180	.8%
Health care professional-lawyer					5	.0%	5	.0%
Health care professional-public health	1	.2%	5	.1%	73	.4%	79	.4%
Health care professional-other	3	.5%	59	1.4%	396	2.3%	458	2.0%
Other non-health professional	5	.9%	11	.3%	254	1.4%	270	1.2%
Student in post-graduate PA program	8	1.4%	16	.4%	107	.6%	131	.6%
Medical student			1	.0%	35	.2%	36	.2%
Other student	1	.2%	8	.2%	61	.3%	70	.3%
Not employed by choice					519	2.9%	519	2.3%
Employed, seeking PA job					103	.6%	103	.5%
Unemployed, seeking PA job					210	1.2%	210	.9%
Unemployed, seeking non-PA job					51	.3%	51	.2%
Retired					412	2.3%	412	1.8%
Other	3	.5%	18	.4%	249	1.4%	270	1.2%

*Percentages sum to more than 100 because respondents were instructed to mark all that apply.

Section III: Information about Respondents in Clinical Practice

Table 3.1: Number and Percent Distribution of Clinically Practicing Respondents by Number of Concurrent PA Jobs

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	563	100.0%	4345	100.0%	15111	100.0%	20019	100.0%
One	494	87.7%	3856	88.7%	12666	83.8%	17016	85.0%
Two	63	11.2%	423	9.7%	1976	13.1%	2462	12.3%
Three	4	.7%	43	1.0%	300	2.0%	347	1.7%
More than three	1	.2%	15	.3%	61	.4%	77	.4%
Self-employed w/mult contracts	1	.2%	8	.2%	108	.7%	117	.6%

Table 3.2: Number and Percent Distribution of Clinically Practicing Respondents by Type of Primary Employer

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	563	100.0%	4338	100.0%	15086	100.0%	19987	100.0%
Self-employed	6	1.1%	80	1.8%	534	3.5%	620	3.1%
Solo physician practice	35	6.2%	439	10.1%	2217	14.7%	2691	13.5%
Single-specialty physician group	88	15.6%	1709	39.4%	4324	28.7%	6121	30.6%
Multi-specialty physician group	72	12.8%	577	13.3%	1804	12.0%	2453	12.3%
University hospital	94	16.7%	566	13.0%	843	5.6%	1503	7.5%
Other hospital	214	38.0%	740	17.1%	2034	13.5%	2988	14.9%
Freestanding urgent care center			1	.0%	365	2.4%	366	1.8%
Freestanding surgical center	3	.5%	15	.3%	4	.0%	22	.1%
Nursing home or LTC facility					47	.3%	47	.2%
Home health agency					3	.0%	3	.0%
Hospice					1	.0%	1	.0%
HMO	26	4.6%	112	2.6%	319	2.1%	457	2.3%
Community health center	5	.9%	16	.4%	1194	7.9%	1215	6.1%
Medical staffing agency	1	.2%	7	.2%	58	.4%	66	.3%
Physician practice mngmt org	1	.2%	12	.3%	264	1.7%	277	1.4%
Integrated health system	10	1.8%	37	.9%	211	1.4%	258	1.3%
Corrections system	1	.2%	1	.0%	216	1.4%	218	1.1%
Other	7	1.2%	26	.6%	648	4.3%	681	3.4%

Table 3.3: Number and Percent Distribution of Clinically Practicing Respondents by Primary Employer's Government Affiliation

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	562	100.0%	4333	100.0%	15047	100.0%	19942	100.0%
Not government employed	527	93.8%	4046	93.4%	13428	89.2%	18001	90.3%
Air Force			17	.4%	90	.6%	107	.5%
Army			31	.7%	254	1.7%	285	1.4%
Navy			18	.4%	90	.6%	108	.5%
Coast Guard					14	.1%	14	.1%
Dept. of Veterans Affairs	24	4.3%	102	2.4%	382	2.5%	508	2.5%
Federal Bureau of Prisons/DOJ	1	.2%			37	.2%	38	.2%
Indian Health Service			4	.1%	77	.5%	81	.4%
Federal Public Health Service	2	.4%			73	.5%	75	.4%
Other Federal Government			4	.1%	70	.5%	74	.4%
State Government	6	1.1%	92	2.1%	353	2.3%	451	2.3%
Local Government	2	.4%	19	.4%	179	1.2%	200	1.0%

Table 3.4: Number and Percent Distribution of Clinically Practicing Respondents by Primary Work Setting

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	563	100.0%	4333	100.0%	15055	100.0%	19951	100.0%
Intensive/critical care unit of hospital	3	.5%	210	4.8%	190	1.3%	403	2.0%
Inpatient unit of hospital (not ICU/CCU)	158	28.1%	552	12.7%	1138	7.6%	1848	9.3%
Outpatient unit of hospital	54	9.6%	363	8.4%	1018	6.8%	1435	7.2%
Hospital emergency room	4	.7%	20	.5%	1839	12.2%	1863	9.3%
Hospital operating room	247	43.9%	1064	24.6%	39	.3%	1350	6.8%
Other unit of hospital	10	1.8%	43	1.0%	184	1.2%	237	1.2%
Federally Qualified Rural Health Center	1	.2%	3	.1%	774	5.1%	778	3.9%
Other FQHC	1	.2%	9	.2%	296	2.0%	306	1.5%
Other community health center/facility	1	.2%	7	.2%	518	3.4%	526	2.6%
Freestanding urgent care facility			2	.0%	573	3.8%	575	2.9%
Freestanding surgical facility	4	.7%	67	1.5%	11	.1%	82	.4%
Solo practice physician office	24	4.3%	393	9.1%	2325	15.4%	2742	13.7%
Single-specialty physician group practice	27	4.8%	1144	26.4%	3116	20.7%	4287	21.5%
Multi-specialty physician group practice	16	2.8%	359	8.3%	1378	9.2%	1753	8.8%
HMO facility	10	1.8%	59	1.4%	263	1.7%	332	1.7%
Nursing home or LTC facility			2	.0%	165	1.1%	167	.8%
University/college student health facility	1	.2%	1	.0%	118	.8%	120	.6%
School-based health facility					66	.4%	66	.3%
Other freestanding outpatient facility			19	.4%	387	2.6%	406	2.0%
Correctional facility	1	.2%	1	.0%	241	1.6%	243	1.2%
Industrial facility/work site			1	.0%	101	.7%	102	.5%
Mobile health unit					10	.1%	10	.1%
Patients' homes					29	.2%	29	.1%
Other	1	.2%	14	.3%	276	1.8%	291	1.5%

Table 3.5: Number and Percent Distribution of Clinically Practicing Respondents by Types of Practice Settings where Time is Spent For Primary Employer*

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	563	100.0%	4340	100.0%	15069	100.0%	19972	100.0%
Intensive/critical care unit of hospital	339	60.2%	2261	52.1%	1859	12.3%	4459	22.3%
Inpatient unit of hospital (not ICU/CCU)	439	78.0%	3139	72.3%	3138	20.8%	6716	33.6%
Outpatient unit of hospital	295	52.4%	1909	44.0%	2133	14.2%	4337	21.7%
Hospital emergency room	325	57.7%	2228	51.3%	3514	23.3%	6067	30.4%
Hospital operating room	486	86.3%	3478	80.1%	499	3.3%	4463	22.3%
Other unit of hospital	130	23.1%	747	17.2%	836	5.5%	1713	8.6%
Federally Qualified Rural Health Center	4	.7%	33	.8%	1015	6.7%	1052	5.3%
Other FQHC	6	1.1%	31	.7%	435	2.9%	472	2.4%
Other community health center/facility	7	1.2%	56	1.3%	738	4.9%	801	4.0%
Freestanding urgent care facility	6	1.1%	36	.8%	920	6.1%	962	4.8%
Freestanding surgical facility	89	15.8%	890	20.5%	102	.7%	1081	5.4%
Solo practice physician office	42	7.5%	522	12.0%	2611	17.3%	3175	15.9%
Single-specialty physician group practice	88	15.6%	1804	41.6%	3804	25.2%	5696	28.5%
Multi-specialty physician group practice	63	11.2%	628	14.5%	1724	11.4%	2415	12.1%
HMO facility	27	4.8%	122	2.8%	343	2.3%	492	2.5%
Nursing home or LTC facility	19	3.4%	147	3.4%	1063	7.1%	1229	6.2%
University/college student health facility	4	.7%	62	1.4%	186	1.2%	252	1.3%
School-based health facility			30	.7%	162	1.1%	192	1.0%
Other freestanding outpatient facility	5	.9%	68	1.6%	594	3.9%	667	3.3%
Correctional facility	3	.5%	18	.4%	353	2.3%	374	1.9%
Industrial facility/work site	1	.2%	2	.0%	178	1.2%	181	.9%
Mobile health unit			3	.1%	68	.5%	71	.4%
Patients' homes	6	1.1%	35	.8%	361	2.4%	402	2.0%
Other	7	1.2%	53	1.2%	468	3.1%	528	2.6%

*Percentages sum to more than 100 because respondents were instructed to mark all that apply.

Table 3.6: Number and Percent Distribution of Clinically Practicing Respondents by General Specialty Practiced for Primary Employer

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	563	100.0%	4345	100.0%	14976	100.0%	19884	100.0%
Family/general medicine					5639	37.7%	5639	28.4%
General internal medicine					1518	10.1%	1518	7.6%
Emergency medicine					1927	12.9%	1927	9.7%
General pediatrics					505	3.4%	505	2.5%
General surgery	563	100.0%					563	2.8%
Internal medicine subspecialties					2055	13.7%	2055	10.3%
Pediatric subspecialties					296	2.0%	296	1.5%
Surgical subspecialties			4345	100.0%			4345	21.9%
Obstetrics and gynecology					485	3.2%	485	2.4%
Industrial/occupational medicine					457	3.1%	457	2.3%
Other					2094	14.0%	2094	10.5%

Table 3.7: Number and Percent Distribution of Clinically Practicing Respondents by Specialty Practiced for Primary Employer

	General Surgery		Surgical		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	563	100.0%	4345	100.0%	14976	100.0%	19884	100.0%
Addiction medicine					88	.6%	88	.4%
Allergy					116	.8%	116	.6%
Anesthesiology					40	.3%	40	.2%
Dermatology					659	4.4%	659	3.3%
Emergency medicine					1927	12.9%	1927	9.7%
Family practice w/o urgent care					2152	14.4%	2152	10.8%
Family practice wt urgent care					3487	23.3%	3487	17.5%
Genetics					8	.1%	8	.0%
Geriatrics					124	.8%	124	.6%
Obstetrics/gynecology					485	3.2%	485	2.4%
Occupational medicine					457	3.1%	457	2.3%
Ophthalmology					19	.1%	19	.1%
Pain management					215	1.4%	215	1.1%
Pathology					3	.0%	3	.0%
Physical med rehab					149	1.0%	149	.7%
Psychiatry					195	1.3%	195	1.0%
Public health					42	.3%	42	.2%
Radiation oncology					47	.3%	47	.2%
Radiology					141	.9%	141	.7%
General surgery	563	100.0%					563	2.8%
Surg: cardiovascular/cardiothoracic			666	15.3%			666	3.3%
Surg: colon & rectal			16	.4%			16	.1%
Surg: hand			43	1.0%			43	.2%
Surg: neurology			430	9.9%			430	2.2%
Surg: oncology			58	1.3%			58	.3%
Surg: orthopedics			2066	47.5%			2066	10.4%
Surg: otorhinolaryngology			161	3.7%			161	.8%
Surg: pediatric			24	.6%			24	.1%
Surg: plastic			142	3.3%			142	.7%
Surg: thoracic			32	.7%			32	.2%
Surg: transplant			46	1.1%			46	.2%
Surg: trauma			85	2.0%			85	.4%
Surg: urology			257	5.9%			257	1.3%
Surg: vascular			133	3.1%			133	.7%
Surg: bariatric			46	1.1%			46	.2%
Surg: other			140	3.2%			140	.7%
General pediatrics					505	3.4%	505	2.5%
Ped: adolescent medicine					43	.3%	43	.2%
Ped: allergy					4	.0%	4	.0%
Ped: cardiology					15	.1%	15	.1%
Ped: critical care					15	.1%	15	.1%
Ped: endocrinology					8	.1%	8	.0%
Ped: gastroenterology					10	.1%	10	.1%
Ped: hematology/oncology					7	.0%	7	.0%
Ped: infectious disease					4	.0%	4	.0%
Ped: neonatal-perinatal					72	.5%	72	.4%
Ped: nephrology					3	.0%	3	.0%
Ped: neurology					12	.1%	12	.1%
Ped: pulmonology					7	.0%	7	.0%
Ped: rheumatology					3	.0%	3	.0%
Ped: oncology					19	.1%	19	.1%
Ped: other					74	.5%	74	.4%
General internal medicine					1518	10.1%	1518	7.6%
IM: cardiology					691	4.6%	691	3.5%
IM: critical care					62	.4%	62	.3%
IM: endocrinology					84	.6%	84	.4%
IM: gastroenterology					326	2.2%	326	1.6%
IM: hematology/oncology					27	.2%	27	.1%
IM: infectious disease					115	.8%	115	.6%
IM: nephrology					126	.8%	126	.6%
IM: neurology					114	.8%	114	.6%
IM: pulmonology					70	.5%	70	.4%
IM: rheumatology					74	.5%	74	.4%
IM: oncology					272	1.8%	272	1.4%
IM: other					94	.6%	94	.5%
Other					248	1.7%	248	1.2%

Table 3.8: Summary Measures of Years in Clinical Practice as PA for Clinically Practicing Respondents

	General Surgery	Surgical Subspecialties	All Others	Total
Respondents	563	4338	15080	19981
Mean	8.5	8.3	9.5	9.2
Standard deviation	9.1	8.2	8.8	8.7
10th percentile	.0	.0	.0	.0
25th percentile	2.0	2.0	3.0	3.0
Median	5.0	5.0	6.0	6.0
75th percentile	14.0	12.0	15.0	14.0
90th percentile	24.0	22.0	24.0	24.0

Table 3.9: Summary Measures of Years in Current Position for Clinically Practicing Respondents

	General Surgery	Surgical Subspecialties	All Others	Total
Respondents	562	4333	15056	19951
Mean	5.2	4.4	4.9	4.8
Standard deviation	6.7	5.5	5.7	5.7
10th percentile	.0	.0	.0	.0
25th percentile	1.0	1.0	1.0	1.0
Median	3.0	3.0	3.0	3.0
75th percentile	7.0	5.0	7.0	6.0
90th percentile	15.0	12.0	12.0	12.0

Table 3.10: Summary Measures of Years in Current Specialty for Clinically Practicing Respondents

	General Surgery	Surgical Subspecialties	All Others	Total
Respondents	561	4324	15030	19915
Mean	6.1	5.8	6.7	6.5
Standard deviation	7.6	6.5	7.3	7.1
10th percentile	.0	.0	.0	.0
25th percentile	1.0	1.0	2.0	1.0
Median	3.0	3.0	4.0	4.0
75th percentile	8.0	8.0	10.0	9.0
90th percentile	18.0	16.0	18.0	17.0

Table 3.11: Number and Percent Distribution of Clinically Practicing Respondents by AAPA Region in Which Employed

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	548	100.0%	4272	100.0%	14727	100.0%	19547	100.0%
Northeast	212	38.7%	1120	26.2%	3168	21.5%	4500	23.0%
Southeast	115	21.0%	992	23.2%	3517	23.9%	4624	23.7%
North Central	121	22.1%	953	22.3%	2945	20.0%	4019	20.6%
South Central	36	6.6%	543	12.7%	2130	14.5%	2709	13.9%
West	64	11.7%	664	15.5%	2967	20.1%	3695	18.9%

Table 3.12: Number and Percent Distribution of Clinically Practicing Respondents by State/Geographic Location in Which Employed

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	548	100.0%	4272	100.0%	14727	100.0%	19547	100.0%
Alaska			15	.4%	121	.8%	136	.7%
Alabama	6	1.1%	45	1.1%	43	.3%	94	.5%
Arkansas			5	.1%	15	.1%	20	.1%
Arizona	6	1.1%	75	1.8%	376	2.6%	457	2.3%
California	30	5.5%	300	7.0%	1243	8.4%	1573	8.0%
Colorado	10	1.8%	93	2.2%	428	2.9%	531	2.7%
Connecticut	23	4.2%	106	2.5%	277	1.9%	406	2.1%
District Of Columbia	7	1.3%	12	.3%	48	.3%	67	.3%
Delaware	8	1.5%	15	.4%	44	.3%	67	.3%
Florida	21	3.8%	264	6.2%	803	5.5%	1088	5.6%
Georgia	11	2.0%	126	2.9%	441	3.0%	578	3.0%
Guam					4	.0%	4	.0%
Hawaii	4	.7%	8	.2%	40	.3%	52	.3%
Iowa	8	1.5%	44	1.0%	253	1.7%	305	1.6%
Idaho	2	.4%	15	.4%	118	.8%	135	.7%
Illinois	12	2.2%	153	3.6%	374	2.5%	539	2.8%
Indiana	5	.9%	66	1.5%	134	.9%	205	1.0%
Kansas	2	.4%	53	1.2%	219	1.5%	274	1.4%
Kentucky	4	.7%	38	.9%	210	1.4%	252	1.3%
Louisiana	3	.5%	50	1.2%	93	.6%	146	.7%
Massachusetts	24	4.4%	150	3.5%	289	2.0%	463	2.4%
Maryland	26	4.7%	103	2.4%	329	2.2%	458	2.3%
Maine	4	.7%	29	.7%	147	1.0%	180	.9%
Michigan	28	5.1%	154	3.6%	728	4.9%	910	4.7%
Minnesota	10	1.8%	100	2.3%	264	1.8%	374	1.9%
Missouri	3	.5%	67	1.6%	116	.8%	186	1.0%
Mississippi			16	.4%	21	.1%	37	.2%
Montana	1	.2%	20	.5%	104	.7%	125	.6%
North Carolina	11	2.0%	177	4.1%	833	5.7%	1021	5.2%
North Dakota	3	.5%	18	.4%	65	.4%	86	.4%
Nebraska	3	.5%	53	1.2%	207	1.4%	263	1.3%
New Hampshire	3	.5%	32	.7%	88	.6%	123	.6%
New Jersey	11	2.0%	78	1.8%	182	1.2%	271	1.4%
New Mexico	4	.7%	24	.6%	121	.8%	149	.8%
Nevada			12	.3%	122	.8%	134	.7%
New York	92	16.8%	402	9.4%	1228	8.3%	1722	8.8%
Ohio	30	5.5%	139	3.3%	298	2.0%	467	2.4%
Oklahoma	5	.9%	51	1.2%	257	1.7%	313	1.6%
Oregon	9	1.6%	76	1.8%	172	1.2%	257	1.3%
Pennsylvania	44	8.0%	278	6.5%	815	5.5%	1137	5.8%
Rhode Island	1	.2%	23	.5%	44	.3%	68	.3%
South Carolina	7	1.3%	41	1.0%	136	.9%	184	.9%
South Dakota	5	.9%	31	.7%	126	.9%	162	.8%
Tennessee	3	.5%	51	1.2%	252	1.7%	306	1.6%
Texas	12	2.2%	251	5.9%	976	6.6%	1239	6.3%
Utah			31	.7%	160	1.1%	191	1.0%
Virginia	5	.9%	113	2.6%	277	1.9%	395	2.0%
Vermont	2	.4%	7	.2%	54	.4%	63	.3%
Washington	11	2.0%	99	2.3%	447	3.0%	557	2.8%
Wisconsin	14	2.6%	128	3.0%	380	2.6%	522	2.7%
West Virginia	14	2.6%	22	.5%	145	1.0%	181	.9%
Wyoming	1	.2%	13	.3%	60	.4%	74	.4%

Table 3.13: Number and Percent Distribution of Clinically Practicing Respondents by Metropolitan Status and Degree of Rurality of County of Primary Work Site*

Respondents	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not metro	543	100.0%	4226	100.0%	14581	100.0%	19350	100.0%
NonMetro, with urban pop >20K and adjacent to metro area	31	5.7%	142	3.4%	730	5.0%	903	4.7%
NonMetro, with urban pop >20K, not adjacent to metro area	10	1.8%	106	2.5%	368	2.5%	484	2.5%
NonMetro, with urban pop 2.5K-20K, adjacent to metro area	5	.9%	88	2.1%	737	5.1%	830	4.3%
NonMetro, with urban pop 2.5K-20K, not adjacent to metro area	15	2.8%	48	1.1%	548	3.8%	611	3.2%
NonMetro, with urban pop < 2,500, adjacent to metro area			2	.0%	108	.7%	110	.6%
NonMetro, with urban pop <2,500, not adjacent to metro area	3	.6%	1	.0%	254	1.7%	258	1.3%
Metro	309	56.9%	2294	54.3%	6520	44.7%	9123	47.1%
Metro, >1M Population	113	20.8%	1063	25.2%	3574	24.5%	4750	24.5%
Metro, <250K Population	57	10.5%	482	11.4%	1742	11.9%	2281	11.8%

Zip Code of primary work site was linked to County Rural-Urban Continuum Code from the Area Resource File obtained through the Bureau of Health Professions, US-DHHS.

Table 3.14: Number and Percent Distribution of Clinically Practicing Respondents Who Perform Select Functions at Primary Clinical Job*

Respondents	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Minor surgical procedures	563	100.0%	4342	100.0%	15086	100.0%	19991	100.0%
First assisting at surgery	421	74.8%	2778	64.0%	8900	59.0%	12099	60.5%
Manage the care of patients in an inpatient setting	502	89.2%	3657	84.2%	680	4.5%	4839	24.2%
Serve on the quality assurance committee	410	72.8%	3228	74.3%	3768	25.0%	7406	37.0%
Serve on the utilization review committee	36	6.4%	241	5.6%	1350	8.9%	1627	8.1%
Participate in the conduct of clinical trials	15	2.7%	96	2.2%	498	3.3%	609	3.0%
Serve on formulary/pharmaceutical selection committee	24	4.3%	644	14.8%	1591	10.5%	2259	11.3%
Decision making about procurement of medical/surgical equipment/supplies	6	1.1%	33	.8%	496	3.3%	535	2.7%
Supervisory/managerial responsibilities for other PAs	60	10.7%	838	19.3%	3091	20.5%	3989	20.0%
Supervisory/managerial responsibilities for clinical staff other than PAs	76	13.5%	530	12.2%	1197	7.9%	1803	9.0%
Supervisory/managerial responsibilities for non-clinical staff	48	8.5%	621	14.3%	3192	21.2%	3861	19.3%
Precept PA students	23	4.1%	270	6.2%	1465	9.7%	1758	8.8%
Precept students of other health professions	288	51.2%	1576	36.3%	5212	34.5%	7076	35.4%
	143	25.4%	1017	23.4%	3693	24.5%	4853	24.3%

*Percentages sum to more than 100 because respondents were instructed to mark all that apply.

Table 3.15: Number and Percent Distribution of Clinically Practicing Respondents By Whether Primary Employer Receives Grants To Provide Medical Care To Populations In Underserved Communities

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	563	100.0%	4345	100.0%	15111	100.0%	20019	100.0%
Employer does not receive grants	191	33.9%	2237	51.5%	7852	52.0%	10280	51.4%
PHS Migrant Health Service grant	1	.2%	8	.2%	156	1.0%	165	.8%
PHS Health Care for the Homeless grant	1	.2%	19	.4%	169	1.1%	189	.9%
PHS Public Housing Primary Care Program grant			6	.1%	28	.2%	34	.2%
PHS School Based Health Center grant	1	.2%	2	.0%	136	.9%	139	.7%
Other PHS Community Health Center grant	8	1.4%	15	.3%	577	3.8%	600	3.0%
Indian Health Service grant	2	.4%	7	.2%	123	.8%	132	.7%
Other PHS grant	5	.9%	16	.4%	200	1.3%	221	1.1%
Other federal grant	10	1.8%	68	1.6%	817	5.4%	895	4.5%
State-funded grant	9	1.6%	95	2.2%	738	4.9%	842	4.2%
Local-level grant	3	.5%	26	.6%	310	2.1%	339	1.7%
Private grant	3	.5%	28	.6%	274	1.8%	305	1.5%
Don't know whether employer receives grant	349	62.0%	1955	45.0%	5633	37.3%	7937	39.6%

*Percentages sum to more than 100 because respondents were instructed to mark all that apply.

Table 3.16: Number and Percent Distribution of Clinically Practicing Respondents by Hours Worked per Week at Primary Clinical Job

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	563	100.0%	4345	100.0%	15111	100.0%	20019	100.0%
32 or more hours	515	91.5%	4101	94.4%	12722	84.2%	17338	86.6%
Less than 32 hours	48	8.5%	235	5.4%	2314	15.3%	2597	13.0%
Hours not reported			9	.2%	75	.5%	84	.4%

Section IV: Information about Respondents Who Work at Least 32 Hours per Week at Their Primary Clinical Job

Table 4.1: Number and Percent Distribution of Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job by Types of Patients Treated*

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	259	100.0%	2162	100.0%	8681	100.0%	11102	100.0%
See some inpatients	233	90.0%	1821	84.2%	2429	28.0%	4483	40.4%
See some outpatients	200	77.2%	1811	83.8%	7477	86.1%	9488	85.5%
See some nursing home patients	9	3.5%	64	3.0%	565	6.5%	638	5.7%
See some other patients**	21	8.1%	219	10.1%	634	7.3%	874	7.9%

*Data represent only respondents who reported complete information about both hours and visits for all patient types. Percentages sum to more than 100 because respondents may see multiple types of patients.

**Other patients are those who were not classified as either outpatients, inpatients, or nursing home patients.

Table 4.2: Summary Measures of Total Hours Worked per Week for Primary Clinical Employer by Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job

	General Surgery	Surgical Subspecialties	All Others	Total
Respondents	515	4101	12722	17338
Mean	46.0	48.3	43.0	44.3
Standard deviation	7.6	8.1	7.3	7.8
10th percentile	40.0	40.0	36.0	36.0
25th percentile	40.0	40.0	40.0	40.0
Median	45.0	50.0	40.0	42.0
75th percentile	50.0	50.0	45.0	50.0
90th percentile	55.0	60.0	50.0	55.0

Table 4.3: Summary Measures of Hours Providing Direct Inpatient Care per Week for Respondents Who See Inpatients Exclusively for a Minimum of 32 Hours per Week at Primary Clinical Job*

	General Surgery	Surgical Subspecialties	All Others	Total
Respondents	52	288	649	989
Mean	43.9	45.9	42.0	43.3
Standard deviation	8.1	7.8	6.6	7.3
10th percentile	36.0	37.0	35.0	36.0
25th percentile	40.0	40.0	40.0	40.0
Median	40.0	45.0	40.0	40.0
75th percentile	50.0	50.0	45.0	48.0
90th percentile	57.0	55.0	50.0	50.0

*Excludes time spent performing tasks other than providing direct patient care to inpatients.

Table 4.4: Summary Measures of Inpatient Encounters per Week for Respondents Who See Inpatients Exclusively for a Minimum of 32 Hours per Week at Primary Clinical Job

	General Surgery	Surgical Subspecialties	All Others	Total
Respondents	52	288	649	989
Mean	58.6	53.7	74.1	67.3
Standard deviation	34.8	38.7	46.6	44.8
10th percentile	20.0	15.0	30.0	20.0
25th percentile	30.0	25.0	45.0	40.0
Median	50.0	45.0	60.0	60.0
75th percentile	75.0	70.0	100.0	90.0
90th percentile	114.0	100.0	125.0	120.0

Table 4.5: Summary Measures of Hours Providing Direct Outpatient Care per Week for Respondents Who See Outpatients Exclusively for a Minimum of 32 Hours per Week at Primary Clinical Job*

	General Surgery	Surgical Subspecialties	All Others	Total
Respondents	17	235	4428	4680
Mean	38.4	39.6	39.1	39.2
Standard deviation	2.7	5.0	5.5	5.5
10th percentile	35.0	34.0	33.0	33.0
25th percentile	35.5	36.0	35.0	35.0
Median	38.0	40.0	40.0	40.0
75th percentile	40.0	40.0	40.0	40.0
90th percentile	41.0	45.0	45.0	45.0

*Excludes time spent performing tasks other than providing direct patient care to outpatients.

Table 4.6: Summary Measures of Outpatient Visits per Week for Respondents Who See Outpatients Exclusively for a Minimum of 32 Hours per Week at Primary Clinical Job

	General Surgery	Surgical Subspecialties	All Others	Total
Respondents	17	235	4428	4680
Mean	48.8	84.4	97.3	96.5
Standard deviation	21.5	42.4	39.0	39.3
10th percentile	25.0	35.6	52.0	50.0
25th percentile	30.0	55.0	75.0	72.0
Median	40.0	80.0	100.0	100.0
75th percentile	65.0	100.0	120.0	120.0
90th percentile	80.0	134.0	150.0	150.0

Table 4.7: Number and Percent Distribution of Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job by Source of Hospital Privileges

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	178	100.0%	1049	100.0%	3491	100.0%	4718	100.0%
Hospital privileges granted by medical staff	168	94.4%	981	93.5%	3330	95.4%	4479	94.9%
Hospital privileges granted by HR	10	5.6%	68	6.5%	161	4.6%	239	5.1%

Table 4.8 Number and Percent Distribution of Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job by Whether Call is Taken

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	515	100.0%	4101	100.0%	12722	100.0%	17338	100.0%
Do not take call	210	40.8%	1450	35.4%	8669	68.1%	10329	59.6%
Take some call	271	52.6%	2341	57.1%	3433	27.0%	6045	34.9%
Take call, hours unknown	4	.8%	41	1.0%	105	.8%	150	.9%
Always on call	30	5.8%	269	6.6%	515	4.0%	814	4.7%

Table 4.9 Number and Percent Distribution of Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job by Types of Call Taken*

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	515	100.0%	4101	100.0%	12722	100.0%	17338	100.0%
Emergency department call	52	10.1%	977	23.8%	820	6.4%	1849	10.7%
Surgical assisting call	245	47.6%	1765	43.0%	87	.7%	2097	12.1%
In-house call	100	19.4%	882	21.5%	1079	8.5%	2061	11.9%
Other call	40	7.8%	942	23.0%	2697	21.2%	3679	21.2%
Do not take call	210	40.8%	1450	35.4%	8669	68.1%	10329	59.6%
Call taken, type not indicated	1	.2%	18	.4%	42	.3%	61	.4%

*Percentages sum to more than 100 because respondents were instructed to mark all that apply.

Table 4.10: Summary Measures of Call Hours per Month for Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job*

	General Surgery	Surgical Subspecialties	All Others	Total
Respondents	271	2341	3433	6045
Mean	87.0	109.3	88.0	96.2
Standard deviation	75.8	91.0	88.7	89.6
10th percentile	15.0	20.0	10.0	12.0
25th percentile	39.0	48.0	24.0	30.0
Median	64.0	90.0	60.0	72.0
75th percentile	110.0	150.0	120.0	130.0
90th percentile	176.0	240.0	200.0	200.0

*Includes only PAs who report taking call, but are not always on call.

Table 4.11: Number and Percent Distribution of Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job by Type of Base Pay Received*

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	495	100.0%	3875	100.0%	11761	100.0%	16131	100.0%
No base pay	6	1.2%	21	.5%	194	1.6%	221	1.4%
Salary	367	74.1%	3453	89.1%	9046	76.9%	12866	79.8%
Hourly wage	119	24.0%	388	10.0%	2419	20.6%	2926	18.1%
Other base pay	3	.6%	13	.3%	102	.9%	118	.7%

*Excludes self-employed PAs.

Table 4.12: Number and Percent Distribution of Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job by Types of Additional Compensation Received*

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	489	100.0%	3844	100.0%	11530	100.0%	15863	100.0%
No additional pay	146	29.9%	1051	27.3%	3997	34.7%	5194	32.7%
Surgical assisting fees	26	5.3%	220	5.7%	64	.6%	310	2.0%
Overtime pay	165	33.7%	670	17.4%	1857	16.1%	2692	17.0%
Administrative pay	12	2.5%	59	1.5%	336	2.9%	407	2.6%
Pay for on-call availability	115	23.5%	628	16.3%	578	5.0%	1321	8.3%
Pay for on-call services/events	106	21.7%	565	14.7%	636	5.5%	1307	8.2%
Bonus not based on performance	77	15.7%	843	21.9%	1968	17.1%	2888	18.2%
Bonus based on performance of practice	45	9.2%	534	13.9%	1465	12.7%	2044	12.9%
Bonus based on performance of PA	47	9.6%	804	20.9%	2953	25.6%	3804	24.0%
Bonus based on something else	24	4.9%	206	5.4%	821	7.1%	1051	6.6%

*Excludes self-employed PAs. Percentages sum to more than 100 because respondents were instructed to mark all that apply.

Table 4.13: Number and Percent Distribution of Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job and Receive Incentive Pay Based on Productivity or Performance by Measures on Which Incentive is Based*

	General Surgery		Surgical Subspecialties		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	76	100.0%	1139	100.0%	3770	100.0%	4985	100.0%
Bonus based on charges	5	6.6%	199	17.5%	827	21.9%	1031	20.7%
Bonus based on revenues	38	50.0%	603	52.9%	1550	41.1%	2191	44.0%
Bonus based on relative value units	4	5.3%	69	6.1%	564	15.0%	637	12.8%
Bonus based on profit	28	36.8%	358	31.4%	904	24.0%	1290	25.9%
Bonus based on number of visits or panel size	2	2.6%	93	8.2%	819	21.7%	914	18.3%
Bonus based on quality of care	15	19.7%	158	13.9%	546	14.5%	719	14.4%
Bonus based on patient satisfaction	13	17.1%	125	11.0%	581	15.4%	719	14.4%
Bonus based on other factors	8	10.5%	104	9.1%	292	7.7%	404	8.1%

*Excludes self-employed PAs. Percentages sum to more than 100 because respondents were instructed to mark all that apply.

Table 4.14: Summary Measures of Total Annual Income from Primary Employer for Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job*

	General Surgery	Surgical Subspecialties	All Others	Total
Respondents	498	3922	11885	16305
Mean	\$80,682	\$87,711	\$78,975	\$81,129
Standard deviation	\$20,586	\$22,578	\$20,369	\$21,254
10th percentile	\$60,808	\$63,917	\$58,754	\$60,184
25th percentile	\$66,877	\$72,076	\$65,874	\$67,128
Median	\$76,839	\$83,041	\$75,435	\$77,402
75th percentile	\$89,946	\$98,893	\$87,566	\$90,402
90th percentile	\$105,057	\$116,987	\$103,140	\$106,705

*Excludes self-employed PAs.

Table 4.15: Summary Measures of Total Annual Income from Primary Employer for Respondents Who Graduated in 2004 and Work at Least 32 Hours per Week at Primary Clinical Job*

	General Surgery	Surgical Subspecialties	All Others	Total
Respondents	83	462	1321	1866
Mean	\$67,543	\$72,125	\$66,749	\$68,116
Standard deviation	\$11,437	\$13,296	\$12,815	\$13,077
10th percentile	\$57,003	\$58,400	\$53,541	\$54,716
25th percentile	\$62,097	\$63,982	\$59,466	\$60,571
Median	\$67,583	\$70,008	\$65,335	\$66,591
75th percentile	\$73,463	\$78,405	\$72,793	\$73,891
90th percentile	\$78,349	\$87,492	\$81,935	\$83,555

*Excludes self-employed PAs.