

2006 AAPA Physician Assistant Census Report for Anesthesiology

Introduction

The American Academy of Physician Assistants (AAPA) was founded in 1968 and is the only national organization representing physician assistants (PAs) in all medical specialties. The Academy educates the general public about the PA profession, assures competency of PAs through active involvement in the accreditation of PA programs, provides continuing education, and conducts PA-related research. The Academy works to promote quality, cost-effective health care, and the professional and personal growth of PAs.

From 1990 to 1995, the AAPA conducted a census survey of its members. Beginning in 1996, the census survey was expanded to include those PAs who were not members of AAPA. While the survey instrument and the data collection process have undergone some revisions since the inception of the census, the general approach and data elements have remained much the same.

The data collection effort for the 2006 AAPA Physician Assistant Census was conducted between February 23 and September 15, 2006. The 2006 Census was available online as well as on paper; 2006 was the first year that this survey was available to be completed online.

The online version of the survey was posted to the AAPA web site and an email with a link to the survey was sent on February 23, 2006 to 41,053 PAs for whom a valid email address was available. Reminder emails were sent to AAPA members with valid email addresses via AAPA's monthly E-News on March 1, April 5, May 3, June 8, and September 6, 2006.

The paper version of the survey was mailed on March 15, 2006 to all individuals, both AAPA members and non-members, who were believed to be eligible to practice as PAs in the United States as of December 31, 2005 and for whom address information was available, but the paper version of the survey was not sent to individuals from whom an electronic response had been received prior to March 6, 2006, or to individuals who had indicated on a previous Census that they were retired or working as a physician. Paper surveys were mailed to 62,968 people.

In total, 65,681 PAs were invited to participate in the 2006 Census – accounting for 93.0 percent of the 70,612 individuals eligible to practice as PAs. Completed surveys were received from 23,436 people, representing 33.2 percent of all individuals eligible to practice as PAs and 35.7 percent of the PAs who were invited to participate. Of the 26,418 AAPA members invited to participate, 15,995 (60.5%) responded; of the 39,263 non-members who were invited to participate, 7,442 (19.0%) responded.

This document presents the responses received on the Census survey and also includes certain static information derived from the AAPA Masterfile, such as sex, race, and age. It should be noted that these data have not been weighted or adjusted to account for non-response, the number of usable responses for each item varies due to item non-response, and that the percentages displayed may not sum to 100 due to rounding.

To facilitate locating specific items of interest, an index of the subjects addressed by the tables is provided in addition to a list of tables.

Highlights of National Statistics

Section I. Characteristics of Respondents and Non-Respondents

Sex: Females accounted for 62 percent of the respondents to this year's census.

Ethnicity: White PAs comprise 88 percent of the respondents.

PA Education: Just under half (44%) of respondents hold a bachelor's level PA degree; 35 percent of respondents hold a master's level PA degree.

Age: The mean age of census respondents is 41 years (median = 40), the mean age at time of graduation from PA school was 31 years (median = 29), and the mean number of years since graduation from PA school for census respondents is 11 (median = 7).

Section II. Professional Status of Respondents

Practice Status: The vast majority of respondents (91%) are in clinical practice.

Current Profession: Four percent of respondents reported working as a PA educator. This was the most common professional activity other than providing clinical services as a PA.

Section III: Information about Respondents in Clinical Practice

Number of Clinical PA Jobs: Eighty-five percent of respondents reported working exactly one clinical PA job; 15 percent work more than one clinical PA job concurrently.

Employer Type: More than four in ten respondents (44%) are employed by a single or multi-specialty physician group practice while 22 percent are employed by hospitals and 13 percent are employed by solo physician offices.

Government Employment: About 9 percent of respondents work for some type of government agency. The Department of Veterans' Affairs is the single largest government employer of PAs accounting for about two percent of respondents; state governments collectively employ just under two percent of this year's respondents.

Primary Work Setting: The most prevalent "primary" work setting, reported by 36 percent of respondents, is a hospital; the hospital departments cited most frequently as primary settings are hospital inpatient units (10%), hospital emergency rooms (9%), hospital outpatient units (7%), and hospital operating rooms (7%). Physician group practices are the primary work setting for 31 percent of respondents; 22 percent report working in a single-specialty group practice and 9 percent report working in a multi-specialty group practice. Other settings reported as the primary work setting by large numbers of PAs include solo-practice physician offices (13%), and Federally Qualified Health Centers or community health facilities (8%).

Work Settings where Clinical Services are Provided over the Course of a Typical Month:

Respondents were asked to indicate all of the settings where they provide clinical services for their primary clinical employer over the course of a typical month. The specific work settings reported by at least 20 percent of respondents are hospital inpatient units (34%), hospital emergency rooms (30%), single-specialty physician group practices (29%), hospital operating rooms (22%), hospital outpatient units (21%), and hospital intensive care/critical care units (22%).

Primary Specialty of Practice: While PAs practice in over 60 different specialty fields, 38 percent of this year's respondents reported that their primary specialty was one of the primary care fields: family/general medicine (27%), general internal medicine (7%), general pediatrics (3%), and obstetrics/gynecology (2%). Other prevalent

specialties for PAs include general surgery/surgical subspecialties (25%), emergency medicine (10%), the subspecialties of internal medicine (11%) and dermatology (3%).

Years in Clinical Practice, Years in Position, and Years in Specialty: The mean number of years respondents have been in clinical practice is 9 (median = 6), the mean number of years respondents have worked in their current position is 5 (median = 3), and the mean number of years respondents have worked in their current specialty is 7 (median = 4).

Geographic Distribution: The states with the largest numbers of clinically practicing respondents are: New York (8%), California (8%), Texas (6%), Pennsylvania (6%), Florida (5%), North Carolina (5%), and Michigan (5%).

Metropolitan Status of Work Site: Sixteen percent of respondents work in counties that are non-metropolitan.

Functions and Responsibilities: PAs can perform a variety of functions for their primary employers. More than half (60%) reported performing minor surgical procedures, thirty-eight percent of respondents reported that they manage the care of patients in an inpatient setting and about one-quarter (24%) reported first-assisting at surgery. Nine percent of respondents reported supervising other PAs, and one in five (19%) reported supervising other clinical staff. More than one-third of respondents (36%) indicated that they precept PA students; one-fourth (24%) reported precepting students of other health professions.

Work Status: The majority of clinically practicing respondents (85%) work full-time, defined as more than 32 hours per week, for their primary clinical employer.

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

Hours Worked: The mean number of hours worked by the respondents who work more than 32 hours in a typical week is 44 the median is 41 hours.

Patient Visits/Encounters: Due to the variety of work settings and specialty fields in which PAs practice, the types of patients PAs treat are quite varied. The vast majority (85%) of census respondents who work full-time see some outpatients in their primary job; the mean number of patient visits provided per week by PAs who see outpatients exclusively is 95. Over one-third of respondents who work full-time (44%) see some inpatients in their primary job; the mean number of patient encounters provided per week by respondents who see inpatients exclusively is 64. Eleven percent of respondents report seeing patients who can not be classified as inpatients, outpatients, or nursing home patients, and six percent of full-time PAs reported seeing some nursing home patients in their primary job.

Taking Call: Four in ten respondents (40%) reported taking call for their primary employer. The mean number of hours on call per month for those PAs who reported taking some call but who were not always on call is 94.

Base Pay: The majority of respondents (80%) reported receiving their base pay in the form of a salary; 18 percent indicated that they receive an hourly wage.

Compensation: Respondents reported receiving several additional forms of compensation from their primary employer. The most common form of additional compensation was a bonus or incentive pay based on the PA's productivity or performance, reported by 24 percent of respondents. Nineteen percent of respondents reported receiving a bonus based on something other than productivity or performance while 18 percent reported receiving

overtime pay. Almost half of those who reported receiving an incentive based on productivity or performance (44%) indicated that the incentive was based on revenue.

Annual Income: The median total annual income from primary employer for respondents who work at least 32 hours per week for their primary employer and who are not self-employed is \$80,356; the mean is \$84,396. The comparable figures for respondents who graduated in 2005 are \$69,517 and \$71,004, respectively.

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2006 AAPA Physician Assistant Census Report for PAs in Anesthesiology

Section I: Characteristics of 2006 AAPA Census Respondents

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

	Count	Percent
Total	23436	100.0%
Anesthesiology	56	.2%
All Others	23380	99.8%

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Total	56	100.0%	23162	100.0%	23218	100.0%
Male	21	37.5%	8723	37.7%	8744	37.7%
Female	35	62.5%	14439	62.3%	14474	62.3%

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Total	49	100.0%	21164	100.0%	21213	100.0%
Asian/Pacific Islander	5	10.2%	743	3.5%	748	3.5%
Black (Not Hispanic)			757	3.6%	757	3.6%
Hispanic/Latino Origin	1	2.0%	810	3.8%	811	3.8%
Amer Indian/Alaskan	1	2.0%	167	.8%	168	.8%
White (Not Hispanic)	42	85.7%	18687	88.3%	18729	88.3%

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	52	100.0%	21626	100.0%	21678	100.0%
Certificate from PA school	18	34.6%	6551	30.3%	6569	30.3%
Associate's degree from PA school	4	7.7%	1433	6.6%	1437	6.6%
Bachelor's degree from PA school	25	48.1%	9512	44.0%	9537	44.0%
Master's degree from PA school	11	21.2%	7489	34.6%	7500	34.6%

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

Table 1.5: Summary Measures of Age for Census Respondents

	Anesthesiology	All Others	Total
Count	56	23334	23390
Mean	43.7	41.3	41.3
Standard deviation	11.1	10.9	10.9
10th p-tile	27.7	28.0	28.0
25th p-tile	34.3	32.0	32.0
Median	44.0	40.0	40.0
75th p-tile	53.5	50.0	50.0
90th p-tile	58.0	57.0	57.0

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

	Anesthesiology	All Others	Total
Count	56	23334	23390
Mean	31.6	30.6	30.6
Standard deviation	7.2	6.8	6.8
10th p-tile	25.0	24.0	24.0
25th p-tile	26.0	26.0	26.0
Median	29.0	29.0	29.0
75th p-tile	35.0	34.0	34.0
90th p-tile	44.3	41.0	41.0

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

	Anesthesiology	All Others	Total
Count	56	23380	23436
Mean	12.1	10.7	10.7
Standard deviation	9.3	9.2	9.2
10th p-tile	1.0	2.0	2.0
25th p-tile	4.0	3.0	3.0
Median	11.5	7.0	7.0
75th p-tile	19.0	17.0	17.0
90th p-tile	27.2	26.0	26.0

Section II: Professional Status of Respondents

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Total	56	100.0%	23380	100.0%	23436	100.0%
In clinical practice	56	100.0%	21215	90.7%	21271	90.8%
Not in clinical practice			2165	9.3%	2165	9.2%

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	56	100.0%	23380	100.0%	23436	100.0%
Clinically practicing PA	56	100.0%	21215	90.7%	21271	90.8%
Clinically practicing physician or resident			26	.1%	26	.1%
Clinically practicing NP			185	.8%	185	.8%
Other clinically practicing provider	2	3.6%	179	.8%	181	.8%
PA educator	2	3.6%	985	4.2%	987	4.2%
Other health professions educator			298	1.3%	298	1.3%
Health care professional-administrator			407	1.7%	407	1.7%
Health care professional-researcher			166	.7%	166	.7%
Health care professional-lawyer			11	.0%	11	.0%
Health care professional-public health			60	.3%	60	.3%
Health care professional-other	1	1.8%	424	1.8%	425	1.8%
Other non-health professional			245	1.0%	245	1.0%
Student in post-graduate PA program			123	.5%	123	.5%
Medical student			51	.2%	51	.2%
Other student			90	.4%	90	.4%
Not employed by choice			580	2.5%	580	2.5%
Employed, seeking PA job			81	.3%	81	.3%
Unemployed, seeking PA job			183	.8%	183	.8%
Unemployed, seeking non-PA job			35	.1%	35	.1%
Retired			187	.8%	187	.8%
Other			250	1.1%	250	1.1%

*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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	56	100.0%	21215	100.0%	21271	100.0%
One	44	78.6%	18084	85.2%	18128	85.2%
Two	11	19.6%	2561	12.1%	2572	12.1%
Three	1	1.8%	374	1.8%	375	1.8%
More than three			80	.4%	80	.4%
Self-employed w/mult contracts			116	.5%	116	.5%

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	56	100.0%	20869	100.0%	20925	100.0%
Self-employed	1	1.8%	544	2.6%	545	2.6%
Solo physician practice	1	1.8%	2696	12.9%	2697	12.9%
Single-specialty physician group	15	26.8%	6576	31.5%	6591	31.5%
Multi-specialty physician group	3	5.4%	2641	12.7%	2644	12.6%
University hospital	21	37.5%	1631	7.8%	1652	7.9%
Other hospital	10	17.9%	3020	14.5%	3030	14.5%
Freestanding urgent care center			447	2.1%	447	2.1%
Freestanding surgical center			27	.1%	27	.1%
Nursing home or LTC facility			55	.3%	55	.3%
Home health agency			4	.0%	4	.0%
Hospice			2	.0%	2	.0%
HMO	3	5.4%	434	2.1%	437	2.1%
Community health center	1	1.8%	1237	5.9%	1238	5.9%
Medical staffing agency			58	.3%	58	.3%
Physician practice mngmt org			284	1.4%	284	1.4%
Integrated health system	1	1.8%	245	1.2%	246	1.2%
Corrections system			217	1.0%	217	1.0%
Other			751	3.6%	751	3.6%

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	55	100.0%	20645	100.0%	20700	100.0%
Not government employed	51	92.7%	18800	91.1%	18851	91.1%
Air Force			99	.5%	99	.5%
Army			276	1.3%	276	1.3%
Navy			99	.5%	99	.5%
Coast Guard			12	.1%	12	.1%
Dept. of Veterans Affairs			480	2.3%	480	2.3%
Federal Bureau of Prisons/DOJ			36	.2%	36	.2%
Indian Health Service			74	.4%	74	.4%
Federal Public Health Service			79	.4%	79	.4%
Other Federal Government			96	.5%	96	.5%
State Government	2	3.6%	329	1.6%	331	1.6%
Local Government	2	3.6%	265	1.3%	267	1.3%

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	56	100.0%	20967	100.0%	21023	100.0%
Intensive/critical care unit of hospital	3	5.4%	443	2.1%	446	2.1%
Inpatient unit of hospital (not ICU/CCU)	5	8.9%	2054	9.8%	2059	9.8%
Outpatient unit of hospital	23	41.1%	1428	6.8%	1451	6.9%
Hospital emergency room			1982	9.5%	1982	9.4%
Hospital operating room	8	14.3%	1400	6.7%	1408	6.7%
Other unit of hospital	8	14.3%	283	1.3%	291	1.4%
Federally Qualified Rural Health Center			774	3.7%	774	3.7%
Other FQHC			409	2.0%	409	1.9%
Other community health center/facility			512	2.4%	512	2.4%
Freestanding urgent care facility			613	2.9%	613	2.9%
Freestanding surgical facility	1	1.8%	82	.4%	83	.4%
Solo practice physician office	1	1.8%	2645	12.6%	2646	12.6%
Single-specialty physician group practice	3	5.4%	4614	22.0%	4617	22.0%
Multi-specialty physician group practice	1	1.8%	1921	9.2%	1922	9.1%
HMO facility	3	5.4%	336	1.6%	339	1.6%
Nursing home or LTC facility			163	.8%	163	.8%
University/college student health facility			123	.6%	123	.6%
School-based health facility			77	.4%	77	.4%
Other freestanding outpatient facility			388	1.9%	388	1.8%
Correctional facility			231	1.1%	231	1.1%
Industrial facility/work site			100	.5%	100	.5%
Mobile health unit			23	.1%	23	.1%
Patients' homes			27	.1%	27	.1%
Other			339	1.6%	339	1.6%

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	56	100.0%	20987	100.0%	21043	100.0%
Intensive/critical care unit of hospital	18	32.1%	4703	22.4%	4721	22.4%
Inpatient unit of hospital (not ICU/CCU)	21	37.5%	7044	33.6%	7065	33.6%
Outpatient unit of hospital	34	60.7%	4315	20.6%	4349	20.7%
Hospital emergency room	12	21.4%	6283	29.9%	6295	29.9%
Hospital operating room	19	33.9%	4609	22.0%	4628	22.0%
Other unit of hospital	13	23.2%	1893	9.0%	1906	9.1%
Federally Qualified Rural Health Center			1036	4.9%	1036	4.9%
Other FQHC			591	2.8%	591	2.8%
Other community health center/facility			796	3.8%	796	3.8%
Freestanding urgent care facility			1011	4.8%	1011	4.8%
Freestanding surgical facility	6	10.7%	1062	5.1%	1068	5.1%
Solo practice physician office	2	3.6%	3045	14.5%	3047	14.5%
Single-specialty physician group practice	6	10.7%	6064	28.9%	6070	28.8%
Multi-specialty physician group practice	2	3.6%	2623	12.5%	2625	12.5%
HMO facility	3	5.4%	496	2.4%	499	2.4%
Nursing home or LTC facility	1	1.8%	1180	5.6%	1181	5.6%
University/college student health facility			269	1.3%	269	1.3%
School-based health facility			169	.8%	169	.8%
Other freestanding outpatient facility			658	3.1%	658	3.1%
Correctional facility			356	1.7%	356	1.7%
Industrial facility/work site			183	.9%	183	.9%
Mobile health unit			87	.4%	87	.4%
Patients' homes	1	1.8%	353	1.7%	354	1.7%
Other	1	1.8%	561	2.7%	562	2.7%

*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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	56	100.0%	20942	100.0%	20998	100.0%
Family/general medicine			5572	26.6%	5572	26.5%
General internal medicine			1497	7.1%	1497	7.1%
Emergency medicine			2045	9.8%	2045	9.7%
General pediatrics			516	2.5%	516	2.5%
General surgery			575	2.7%	575	2.7%
Internal medicine subspecialties			2336	11.2%	2336	11.1%
Pediatric subspecialties			324	1.5%	324	1.5%
Surgical subspecialties			4668	22.3%	4668	22.2%
Obstetrics and gynecology			485	2.3%	485	2.3%
Industrial/occupational medicine			495	2.4%	495	2.4%
Other	56	100.0%	2429	11.6%	2485	11.8%

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	56	100.0%	20942	100.0%	20998	100.0%
Addiction medicine			77	.4%	77	.4%
Allergy			121	.6%	121	.6%
Anesthesiology	56	100.0%			56	.3%
Dermatology			693	3.3%	693	3.3%
Emergency medicine			2045	9.8%	2045	9.7%
Family practice w/o urgent care			3261	15.6%	3261	15.5%
Family practice wt urgent care			2311	11.0%	2311	11.0%
Genetics			4	.0%	4	.0%
Geriatrics			128	.6%	128	.6%
Obstetrics/gynecology			485	2.3%	485	2.3%
Occupational medicine			495	2.4%	495	2.4%
Ophthalmology			24	.1%	24	.1%
Pain management			223	1.1%	223	1.1%
Pathology			4	.0%	4	.0%
Physical med rehab			165	.8%	165	.8%
Psychiatry			201	1.0%	201	1.0%
Public health			38	.2%	38	.2%
Radiation oncology			57	.3%	57	.3%
Radiology			71	.3%	71	.3%
Interventional radiology			112	.5%	112	.5%
Hospital medicine			239	1.1%	239	1.1%
General surgery			575	2.7%	575	2.7%
Surg: cardiovascular/cardiothoracic			681	3.3%	681	3.2%
Surg: colon & rectal			25	.1%	25	.1%
Surg: hand			51	.2%	51	.2%
Surg: neurology			518	2.5%	518	2.5%
Surg: oncology			61	.3%	61	.3%
Surg: orthopedics			2224	10.6%	2224	10.6%
Surg: otorhinolaryngology			190	.9%	190	.9%
Surg: pediatric			23	.1%	23	.1%
Surg: plastic			155	.7%	155	.7%
Surg: thoracic			35	.2%	35	.2%
Surg: transplant			43	.2%	43	.2%
Surg: trauma			102	.5%	102	.5%
Surg: urology			256	1.2%	256	1.2%
Surg: vascular			140	.7%	140	.7%
Surg: bariatric			52	.2%	52	.2%
Surg: other			112	.5%	112	.5%
General pediatrics			516	2.5%	516	2.5%
Ped: adolescent medicine			48	.2%	48	.2%
Ped: allergy			5	.0%	5	.0%
Ped: cardiology			18	.1%	18	.1%
Ped: critical care			21	.1%	21	.1%
Ped: endocrinology			11	.1%	11	.1%
Ped: gastroenterology			17	.1%	17	.1%
Ped: hematology/oncology			8	.0%	8	.0%
Ped: infectious disease			2	.0%	2	.0%
Ped: neonatal-perinatal			69	.3%	69	.3%
Ped: nephrology			2	.0%	2	.0%
Ped: neurology			18	.1%	18	.1%
Ped: pulmonology			8	.0%	8	.0%
Ped: rheumatology			4	.0%	4	.0%
Ped: oncology			18	.1%	18	.1%
Ped: other			75	.4%	75	.4%
General internal medicine			1497	7.1%	1497	7.1%
IM: cardiology			798	3.8%	798	3.8%
IM: critical care			82	.4%	82	.4%
IM: endocrinology			107	.5%	107	.5%
IM: gastroenterology			385	1.8%	385	1.8%
IM: hematology/oncology			43	.2%	43	.2%
IM: immunology			2	.0%	2	.0%
IM: infectious disease			110	.5%	110	.5%
IM: nephrology			127	.6%	127	.6%
IM: neurology			131	.6%	131	.6%
IM: pulmonology			87	.4%	87	.4%
IM: rheumatology			74	.4%	74	.4%
IM: oncology			294	1.4%	294	1.4%
IM: other			96	.5%	96	.5%
Other			272	1.3%	272	1.3%

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

	Anesthesiology	All Others	Total
Respondents	56	21179	21235
Mean	11.7	9.4	9.4
Standard deviation	9.5	8.9	8.9
10th percentile	.0	1.0	1.0
25th percentile	3.0	3.0	3.0
Median	11.0	6.0	6.0
75th percentile	18.8	14.0	14.0
90th percentile	27.2	25.0	25.0

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

	Anesthesiology	All Others	Total
Respondents	56	20648	20704
Mean	5.2	4.9	4.9
Standard deviation	6.6	5.8	5.8
10th percentile	.0	.0	.0
25th percentile	.0	1.0	1.0
Median	3.0	3.0	3.0
75th percentile	8.0	6.0	6.0
90th percentile	16.0	13.0	13.0

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

	Anesthesiology	All Others	Total
Respondents	55	20152	20207
Mean	5.3	6.5	6.5
Standard deviation	6.6	7.2	7.2
10th percentile	.0	.0	.0
25th percentile	.0	1.0	1.0
Median	3.0	4.0	4.0
75th percentile	8.0	9.0	9.0
90th percentile	16.8	18.0	18.0

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	52	100.0%	20587	100.0%	20639	100.0%
Northeast	19	36.5%	4673	22.7%	4692	22.7%
Southeast	11	21.2%	4888	23.7%	4899	23.7%
North Central	14	26.9%	4330	21.0%	4344	21.0%
South Central	3	5.8%	2765	13.4%	2768	13.4%
West	5	9.6%	3931	19.1%	3936	19.1%

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	52	100.0%	20587	100.0%	20639	100.0%
Alaska			123	.6%	123	.6%
Alabama			105	.5%	105	.5%
Arkansas			41	.2%	41	.2%
Arizona			505	2.5%	505	2.4%
California	3	5.8%	1610	7.8%	1613	7.8%
Colorado			572	2.8%	572	2.8%
Connecticut	3	5.8%	449	2.2%	452	2.2%
District Of Columbia	1	1.9%	56	.3%	57	.3%
Delaware			61	.3%	61	.3%
Florida	1	1.9%	1111	5.4%	1112	5.4%
Georgia	3	5.8%	620	3.0%	623	3.0%
Guam			5	.0%	5	.0%
Hawaii			48	.2%	48	.2%
Iowa			309	1.5%	309	1.5%
Idaho			177	.9%	177	.9%
Illinois	1	1.9%	593	2.9%	594	2.9%
Indiana			210	1.0%	210	1.0%
Kansas			282	1.4%	282	1.4%
Kentucky			258	1.3%	258	1.3%
Louisiana			140	.7%	140	.7%
Massachusetts	1	1.9%	477	2.3%	478	2.3%
Maryland	3	5.8%	477	2.3%	480	2.3%
Maine			188	.9%	188	.9%
Michigan	4	7.7%	984	4.8%	988	4.8%
Minnesota			412	2.0%	412	2.0%
Missouri	4	7.7%	204	1.0%	208	1.0%
Mississippi			29	.1%	29	.1%
Montana	1	1.9%	128	.6%	129	.6%
North Carolina	3	5.8%	1079	5.2%	1082	5.2%
North Dakota	1	1.9%	83	.4%	84	.4%
Nebraska	1	1.9%	282	1.4%	283	1.4%
New Hampshire			141	.7%	141	.7%
New Jersey	2	3.8%	305	1.5%	307	1.5%
New Mexico			141	.7%	141	.7%
Nevada			140	.7%	140	.7%
New York	5	9.6%	1705	8.3%	1710	8.3%
Ohio	2	3.8%	513	2.5%	515	2.5%
Oklahoma	1	1.9%	298	1.4%	299	1.4%
Oregon	1	1.9%	287	1.4%	288	1.4%
Pennsylvania	8	15.4%	1204	5.8%	1212	5.9%
Rhode Island			76	.4%	76	.4%
South Carolina			213	1.0%	213	1.0%
South Dakota			153	.7%	153	.7%
Tennessee			321	1.6%	321	1.6%
Texas	2	3.8%	1262	6.1%	1264	6.1%
Utah			218	1.1%	218	1.1%
Virginia			467	2.3%	467	2.3%
Vermont			67	.3%	67	.3%
Washington			617	3.0%	617	3.0%
Wisconsin	1	1.9%	587	2.9%	588	2.8%
West Virginia			181	.9%	181	.9%
Wyoming			73	.4%	73	.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*

		Anesthesiology		All Others		Total	
		Count	Percent	Count	Percent	Count	Percent
Respondents		45	100.0%	19483	100.0%	19528	100.0%
Not metro	NonMetro, with urban pop >20K and adjacent to metro area	1	2.2%	919	4.7%	920	4.7%
	NonMetro, with urban pop >20K, not adjacent to metro area	1	2.2%	496	2.5%	497	2.5%
	NonMetro, with urban pop 2.5K-20K, adjacent to metro area			805	4.1%	805	4.1%
	NonMetro, with urban pop 2.5K-20K, not adjacent to metro area			601	3.1%	601	3.1%
	NonMetro, with urban pop < 2,500, adjacent to metro area			117	.6%	117	.6%
	NonMetro, with urban pop <2,500, not adjacent to metro area	1	2.2%	219	1.1%	220	1.1%
	Metro	Metro, >1M Population	28	62.2%	9296	47.7%	9324
	Metro, 250K-1M Population	10	22.2%	4699	24.1%	4709	24.1%
	Metro, <250K Population	4	8.9%	2331	12.0%	2335	12.0%

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*

		Anesthesiology		All Others		Total	
		Count	Percent	Count	Percent	Count	Percent
Respondents		56	100.0%	20714	100.0%	20770	100.0%
Minor surgical procedures		7	12.5%	12399	59.9%	12406	59.7%
First assisting at surgery		3	5.4%	5036	24.3%	5039	24.3%
Manage the care of patients in an inpatient setting		24	42.9%	7788	37.6%	7812	37.6%
Serve on the quality assurance committee		5	8.9%	1678	8.1%	1683	8.1%
Serve on the utilization review committee		2	3.6%	645	3.1%	647	3.1%
Participate in the conduct of clinical trials		4	7.1%	2409	11.6%	2413	11.6%
Serve on formulary/pharmaceutical selection committee		3	5.4%	562	2.7%	565	2.7%
Decision making about procurement of medical/surgical equipment/supplies		5	8.9%	4065	19.6%	4070	19.6%
Supervisory/managerial responsibilities for other PAs		6	10.7%	1938	9.4%	1944	9.4%
Supervisory/managerial responsibilities for clinical staff other than PAs		8	14.3%	3891	18.8%	3899	18.8%
Supervisory/managerial responsibilities for non-clinical staff		4	7.1%	1779	8.6%	1783	8.6%
Precept PA students		10	17.9%	7411	35.8%	7421	35.7%
Precept students of other health professions		13	23.2%	5032	24.3%	5045	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 Hours Worked per Week at Primary Clinical Job

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	56	100.0%	21215	100.0%	21271	100.0%
32 or more hours	49	87.5%	18101	85.3%	18150	85.3%
Less than 32 hours	6	10.7%	2709	12.8%	2715	12.8%
Hours not reported	1	1.8%	405	1.9%	406	1.9%

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*

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	33	100.0%	12433	100.0%	12466	100.0%
See some inpatients	23	69.7%	5511	44.3%	5534	44.4%
See some outpatients	26	78.8%	10541	84.8%	10567	84.8%
See some nursing home patients	1	3.0%	700	5.6%	701	5.6%
See some other patients**			1364	11.0%	1364	10.9%

*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

	Anesthesiology	All Others	Total
Respondents	49	18101	18150
Mean	42.2	44.3	44.3
Standard deviation	4.5	8.0	8.0
10th percentile	40.0	36.0	36.0
25th percentile	40.0	40.0	40.0
Median	40.0	41.0	41.0
75th percentile	45.0	50.0	50.0
90th percentile	48.0	55.0	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*

	Anesthesiology	All Others	Total
Respondents	6	1148	1154
Mean	40.0	43.2	43.2
Standard deviation	3.2	7.4	7.3
10th percentile	35.0	35.0	35.0
25th percentile	38.8	40.0	40.0
Median	40.0	40.0	40.0
75th percentile	41.3	48.0	48.0
90th percentile	.	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

	Anesthesiology	All Others	Total
Respondents	6	1075	1081
Mean	71.7	63.7	63.7
Standard deviation	31.3	42.6	42.6
10th percentile	40.0	20.0	20.0
25th percentile	40.0	35.0	35.0
Median	75.0	50.0	50.0
75th percentile	100.0	90.0	90.0
90th percentile	.	110.0	110.0

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*

	Anesthesiology	All Others	Total
Respondents	8	4773	4781
Mean	39.9	39.0	39.0
Standard deviation	.8	5.4	5.4
10th percentile	38.0	33.0	33.0
25th percentile	40.0	35.0	35.0
Median	40.0	40.0	40.0
75th percentile	40.0	40.0	40.0
90th percentile	.	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

	Anesthesiology	All Others	Total
Respondents	8	4710	4718
Mean	65.0	94.7	94.6
Standard deviation	19.1	39.9	39.9
10th percentile	40.0	50.0	50.0
25th percentile	51.3	70.0	70.0
Median	60.0	90.0	90.0
75th percentile	78.8	115.0	115.0
90th percentile	.	140.0	140.0

Table 4.7 Number and Percent Distribution of Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job by Whether Call is Taken

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	49	100.0%	17920	100.0%	17969	100.0%
Do not take call	41	83.7%	10728	59.9%	10769	59.9%
Take some call	8	16.3%	6156	34.4%	6164	34.3%
Take call, hours unknown			139	.8%	139	.8%
Always on call			897	5.0%	897	5.0%

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

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	49	100.0%	17946	100.0%	17995	100.0%
Emergency department call	1	2.0%	1918	10.7%	1919	10.7%
Surgical assisting call			2232	12.4%	2232	12.4%
In-house call	3	6.1%	2213	12.3%	2216	12.3%
Other call	5	10.2%	3785	21.1%	3790	21.1%
Do not take call	41	83.7%	10728	59.8%	10769	59.8%
Call taken, type not indicated			51	.3%	51	.3%

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

Table 4.9: Summary Measures of Call Hours per Month for Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job*

	Anesthesiology	All Others	Total
Respondents	8	6154	6162
Mean	92.6	94.1	94.1
Standard deviation	124.7	87.0	87.1
10th percentile	5.0	12.0	12.0
25th percentile	11.0	30.0	30.0
Median	36.0	72.0	72.0
75th percentile	195.0	130.0	130.0
90th percentile	.	200.0	200.0

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

Table 4.10: Number and Percent Distribution of Clinically Practicing Respondents by Types of Professional Liability Insurance Policies*

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	49	100.0%	17946	100.0%	17995	100.0%
Personal policy funded by employer	21	42.9%	6080	33.9%	6101	33.9%
Personal policy, self-funded	2	4.1%	517	2.9%	519	2.9%
Rider on employer's policy, funded by employer	22	44.9%	8843	49.3%	8865	49.3%
Rider on employer's policy, self-funded			176	1.0%	176	1.0%
Other type of liability insurance			559	3.1%	559	3.1%
No professional liability insurance coverage			432	2.4%	432	2.4%
Don't know	7	14.3%	2001	11.2%	2008	11.2%

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

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*

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	45	100.0%	17046	100.0%	17091	100.0%
No base pay	1	2.2%	236	1.4%	237	1.4%
Salary	34	75.6%	13635	80.0%	13669	80.0%
Hourly wage	10	22.2%	3061	18.0%	3071	18.0%
Other base pay			114	.7%	114	.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*

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	45	100.0%	16464	100.0%	16509	100.0%
No additional pay	20	44.4%	5284	32.1%	5304	32.1%
Surgical assisting fees			332	2.0%	332	2.0%
Overtime pay	13	28.9%	2882	17.5%	2895	17.5%
Administrative pay	1	2.2%	432	2.6%	433	2.6%
Pay for on-call availability	1	2.2%	1447	8.8%	1448	8.8%
Pay for on-call services/events	4	8.9%	1459	8.9%	1463	8.9%
Bonus not based on performance	11	24.4%	3061	18.6%	3072	18.6%
Bonus based on performance of practice	2	4.4%	2204	13.4%	2206	13.4%
Bonus based on performance of PA	3	6.7%	4031	24.5%	4034	24.4%
Bonus based on something else	2	4.4%	876	5.3%	878	5.3%

*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*

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	4	100.0%	5205	100.0%	5209	100.0%
Bonus based on charges			969	18.6%	969	18.6%
Bonus based on revenues			2289	44.0%	2289	43.9%
Bonus based on relative value units			759	14.6%	759	14.6%
Bonus based on profit	2	50.0%	1310	25.2%	1312	25.2%
Bonus based on number of visits or panel size			982	18.9%	982	18.9%
Bonus based on quality of care	1	25.0%	791	15.2%	792	15.2%
Bonus based on patient satisfaction			815	15.7%	815	15.6%
Bonus based on other factors	1	25.0%	460	8.8%	461	8.9%

*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*

	Anesthesiology	All Others	Total
Respondents	46	17300	17346
Mean	\$86,801	\$84,389	\$84,396
Standard deviation	\$25,642	\$21,965	\$21,975
10th percentile	\$62,367	\$62,475	\$62,472
25th percentile	\$69,566	\$70,018	\$70,016
Median	\$82,669	\$80,353	\$80,356
75th percentile	\$93,165	\$94,265	\$94,260
90th percentile	\$127,647	\$110,711	\$110,721

*Excludes self-employed PAs.

Table 4.15: Summary Measures of Total Annual Income from Primary Employer for Respondents Who Graduated in 2005 and Work at Least 32 Hours per Week at Primary Clinical Job*

	Anesthesiology	All Others	Total
Respondents	6	1863	1869
Mean	.	\$70,984	\$71,004
Standard deviation	.	\$12,727	\$12,743
10th percentile	.	\$58,044	\$58,040
25th percentile	.	\$63,651	\$63,653
Median	.	\$69,491	\$69,517
75th percentile	.	\$76,410	\$76,416
90th percentile	.	\$85,361	\$85,375

*Excludes self-employed PAs.

Table 4.16: Number and Percent Distribution of Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job by Source of Funds for Types of Insurance*

	Anesthesiology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	46	100.0%	16549	100.0%	16595	100.0%
Professional Employer pays 95-100%	46	100.0%	16153	97.6%	16199	97.6%
Liability Employer pays 50-94%			99	.6%	99	.6%
Insurance Employer pays 1-49%			33	.2%	33	.2%
Employer pays 0%			264	1.6%	264	1.6%
Individual Employer pays 95-100%	19	45.2%	7346	48.1%	7365	48.1%
Health Employer pays 50-94%	19	45.2%	5476	35.8%	5495	35.9%
Insurance Employer pays 1-49%	3	7.1%	1074	7.0%	1077	7.0%
Employer pays 0%	1	2.4%	1387	9.1%	1388	9.1%
Family Health Employer pays 95-100%	12	35.3%	2847	24.5%	2859	24.6%
Insurance Employer pays 50-94%	14	41.2%	4151	35.8%	4165	35.8%
Employer pays 1-49%	2	5.9%	1236	10.7%	1238	10.6%
Employer pays 0%	6	17.6%	3370	29.0%	3376	29.0%
Dental Employer pays 95-100%	12	27.9%	4489	30.8%	4501	30.8%
Insurance Employer pays 50-94%	17	39.5%	4568	31.3%	4585	31.4%
Employer pays 1-49%	6	14.0%	1452	10.0%	1458	10.0%
Employer pays 0%	8	18.6%	4073	27.9%	4081	27.9%
Disability Employer pays 95-100%	12	30.0%	6260	43.8%	6272	43.8%
Insurance Employer pays 50-94%	14	35.0%	2562	17.9%	2576	18.0%
Employer pays 1-49%	5	12.5%	1070	7.5%	1075	7.5%
Employer pays 0%	9	22.5%	4385	30.7%	4394	30.7%
Term Life Employer pays 95-100%	18	47.4%	5519	40.7%	5537	40.7%
Insurance Employer pays 50-94%	9	23.7%	1988	14.7%	1997	14.7%
Employer pays 1-49%	5	13.2%	1320	9.7%	1325	9.7%
Employer pays 0%	6	15.8%	4732	34.9%	4738	34.8%

*Excludes self-employed PAs.

Table 4.17: Number and Percent Distribution of Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job by Source of Funds for Select Expenses*

		Anesthesiology		All Others		Total	
		Count	Percent	Count	Percent	Count	Percent
Respondents		44	100.0%	15035	100.0%	15079	100.0%
Pension/Retirement Fund	Employer pays 95-100%	10	22.7%	3518	23.4%	3528	23.4%
	Employer pays 50-94%	15	34.1%	3085	20.5%	3100	20.6%
	Employer pays 1-49%	18	40.9%	5807	38.6%	5825	38.6%
	Employer pays 0%	1	2.3%	2625	17.5%	2626	17.4%
DEA Registration Fees	Employer pays 95-100%	18	60.0%	10595	77.7%	10613	77.7%
	Employer pays 50-94%	1	3.3%	188	1.4%	189	1.4%
	Employer pays 1-49%			92	.7%	92	.7%
	Employer pays 0%	11	36.7%	2762	20.3%	2773	20.3%
NCCPA Fees	Employer pays 95-100%	23	54.8%	10371	64.8%	10394	64.8%
	Employer pays 50-94%	1	2.4%	286	1.8%	287	1.8%
	Employer pays 1-49%			140	.9%	140	.9%
	Employer pays 0%	18	42.9%	5204	32.5%	5222	32.6%
AAPA Dues	Employer pays 95-100%	23	56.1%	10090	64.1%	10113	64.0%
	Employer pays 50-94%	1	2.4%	274	1.7%	275	1.7%
	Employer pays 1-49%			137	.9%	137	.9%
	Employer pays 0%	17	41.5%	5251	33.3%	5268	33.4%
State PA Chapter Dues	Employer pays 95-100%	20	52.6%	8181	56.8%	8201	56.8%
	Employer pays 50-94%	1	2.6%	226	1.6%	227	1.6%
	Employer pays 1-49%			139	1.0%	139	1.0%
	Employer pays 0%	17	44.7%	5860	40.7%	5877	40.7%
Specialty Organization Dues	Employer pays 95-100%	15	48.4%	5358	46.4%	5373	46.4%
	Employer pays 50-94%			229	2.0%	229	2.0%
	Employer pays 1-49%			130	1.1%	130	1.1%
	Employer pays 0%	16	51.6%	5823	50.5%	5839	50.5%
AAPA Annual Conference Registration Fees	Employer pays 95-100%	22	61.1%	7973	57.2%	7995	57.2%
	Employer pays 50-94%	4	11.1%	1138	8.2%	1142	8.2%
	Employer pays 1-49%	2	5.6%	617	4.4%	619	4.4%
	Employer pays 0%	8	22.2%	4209	30.2%	4217	30.2%
Credentialing Fees	Employer pays 95-100%	25	65.8%	11526	75.5%	11551	75.4%
	Employer pays 50-94%			352	2.3%	352	2.3%
	Employer pays 1-49%			207	1.4%	207	1.4%
	Employer pays 0%	13	34.2%	3189	20.9%	3202	20.9%

*Excludes self-employed PAs.