

## 2007 AAPA Physician Assistant Census Report for Nephrology

### 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 2007 AAPA Physician Assistant Census was conducted between February 20 and September 15, 2007. The 2007 Census was available online as well as on paper; 2007 was the second year that this survey was available to be completed online.

A link to the online version of the survey was posted on the home page of the AAPA web site and an email with a link to the survey was sent between February 20 and March 1, 2007 to the 46,967 PAs for whom a valid email address was available. Between May 18 and May 24, 2007, reminder emails were sent to the 31,250 individuals who had not responded by May 16 (and for whom email address was available). Finally, reminder messages with a link to the online survey were sent to AAPA members with valid email addresses via AAPA's monthly E-News in March and June.

The paper version of the survey was mailed on March 20, 2007 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, 2006 and for whom address information was available, but the paper version of the survey was not sent to individuals from whom an online response had been received prior to March 12, 2007, or to individuals who had indicated on a previous Census that they were retired or working as a physician. Paper surveys were mailed to 61,883 people. A second copy of the paper survey was mailed on June 19, 2007, to 47,542 individuals who had not completed a survey, either online or paper, prior to June 13.

In total, 69,473 PAs were invited to participate in the 2007 Census – accounting for 92.7 percent of the 75,260 individuals eligible to practice as PAs. Completed surveys were received from 26,192 people, representing 34.8 percent of all individuals eligible to practice as PAs and 37.7 percent of the PAs who were invited to participate. Of the 28,439 AAPA members invited to participate, 17,480 (61.5%) responded; of the 41,034 non-members who were invited to participate, 8,712 (21.2%) 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, educational attainment, 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 64 percent of the respondents to this year's census.

Ethnicity: White PAs comprise 88 percent of the respondents.

PA Education: Just under half (42%) of respondents hold a bachelor's level PA degree; 39 percent of respondents hold a master's level PA degree.

Age: The mean age of census respondents is 41 years (median = 39), the mean age at time of graduation from PA school was 31 years (median = 28), 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 (92%) are in clinical practice.

Current Profession: Five 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 23 percent are employed by hospitals and 13 percent are employed by solo physician offices.

Government Employment: About nine 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 three percent of this year's respondents.

Primary Work Setting: The most prevalent "primary" work setting, reported by 38 percent of respondents, is a hospital; the hospital departments cited most frequently as primary settings are hospital inpatient units (10%), hospital emergency rooms (10%), 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 nine 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 (12%), 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 (35%), hospital emergency rooms (31%), single-specialty physician group practices (29%), hospital intensive care/critical care units (23%), hospital operating rooms (22%), and hospital outpatient units (21%).

Primary Specialty of Practice: While PAs practice in over 60 different specialty fields, 37 percent of this year's respondents reported that their primary specialty was one of the primary care fields: family/general medicine (25%), general internal medicine (7%), general pediatrics (2%), 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 (4%).

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 (7%), Texas (6%), Pennsylvania (6%), Florida (6%), North Carolina (5%), and Michigan (5%).

Metropolitan Status of Work Site: Fifteen 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 (59%) 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 (18%) reported supervising other clinical staff. More than one-third of respondents (35%) 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 (86%) 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 93. 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 62. Six percent of respondents report seeing patients who can not be classified as inpatients or outpatients.

Taking Call: Four in ten respondents (39%) 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 (81%) reported receiving their base pay in the form of a salary; 17 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 not based on performance or productivity, reported by 21 percent of respondents. Nineteen percent of respondents reported receiving a bonus based on their own productivity or performance while 14 percent reported receiving overtime pay. Just under half (42%) of those who reported receiving incentive pay based on productivity or performance 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 \$82,223; the mean is \$86,214. The comparable figures for respondents who graduated in 2006 are \$71,825 and \$73,013, respectively.

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Section I: Characteristics of 2007 AAPA Census Respondents

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

	Count	Percent
Total	26192	100.0%
Medical Nephrology	143	.5%
Pediatric Nephrology	1	.0%
All Others	26048	99.5%

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Total	142	100.0%	1	100.0%	25814	100.0%	25957	100.0%
Male	44	31.0%			9316	36.1%	9360	36.1%
Female	98	69.0%	1	100.0%	16498	63.9%	16597	63.9%

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Total	130	100.0%	1	100.0%	23667	100.0%	23798	100.0%
Asian/Pacific Islander	3	2.3%			914	3.9%	917	3.9%
Black (Not Hispanic)	6	4.6%			896	3.8%	902	3.8%
Hispanic/Latino Origin	9	6.9%			930	3.9%	939	3.9%
Amer Indian/Alaskan					162	.7%	162	.7%
White (Not Hispanic)	112	86.2%	1	100.0%	20765	87.7%	20878	87.7%

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Total	131	100.0%	1	100.0%	24143	100.0%	24275	100.0%
Certificate from PA school	34	26.0%			6851	28.4%	6885	28.4%
Associate's degree from PA school	5	3.8%			1449	6.0%	1454	6.0%
Bachelor's degree from PA school	63	48.1%			10153	42.1%	10216	42.1%
Master's degree from PA school	48	36.6%	1	100.0%	9468	39.2%	9517	39.2%

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

Table 1.5: Summary Measures of Age for Census Respondents

	Medical Nephrology	Pediatric Nephrology	All Others	Total
Count	143	1	25998	26142
Mean	41.2	28.0	41.2	41.2
Standard deviation	11.0	.	11.0	11.0
10th p-tile	28.0	28.0	28.0	28.0
25th p-tile	31.0	28.0	32.0	32.0
Median	40.0	28.0	39.0	39.0
75th p-tile	50.0	28.0	50.0	50.0
90th p-tile	57.6	28.0	57.0	57.0

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

	Medical Nephrology	Pediatric Nephrology	All Others	Total
Count	143	1	25999	26143
Mean	30.3	24.0	30.5	30.5
Standard deviation	6.7	.	6.8	6.8
10th p-tile	24.0	24.0	24.0	24.0
25th p-tile	25.0	24.0	26.0	26.0
Median	28.0	24.0	28.0	28.0
75th p-tile	33.0	24.0	34.0	34.0
90th p-tile	41.6	24.0	41.0	41.0

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

	Medical Nephrology	Pediatric Nephrology	All Others	Total
Count	143	1	26048	26192
Mean	10.9	4.0	10.7	10.7
Standard deviation	9.9	.	9.2	9.2
10th p-tile	1.0	4.0	2.0	2.0
25th p-tile	3.0	4.0	3.0	3.0
Median	7.0	4.0	7.0	7.0
75th p-tile	16.0	4.0	16.0	16.0
90th p-tile	28.6	4.0	26.0	26.0

**Section II: Professional Status of Respondents**

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Total	143	100.0%	1	100.0%	26048	100.0%	26192	100.0%
In clinical practice	143	100.0%	1	100.0%	23830	91.5%	23974	91.5%
Not in clinical practice					2218	8.5%	2218	8.5%

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	143	100.0%	1	100.0%	26048	100.0%	26192	100.0%
Clinically practicing PA	143	100.0%	1	100.0%	23830	91.5%	23974	91.5%
Clinically practicing physician or resident					23	.1%	23	.1%
Clinically practicing NP					174	.7%	174	.7%
Other clinically practicing provider					192	.7%	192	.7%
PA educator	6	4.2%			1196	4.6%	1202	4.6%
Other health professions educator	2	1.4%			356	1.4%	358	1.4%
Health care professional-administrator					494	1.9%	494	1.9%
Health care professional-researcher	2	1.4%			247	.9%	249	1.0%
Health care professional-forensics					35	.1%	35	.1%
Health care professional-public health					98	.4%	98	.4%
Health care professional-other	3	2.1%			463	1.8%	466	1.8%
Other non-health professional					238	.9%	238	.9%
Student in post-graduate PA program					127	.5%	127	.5%
Medical student					39	.1%	39	.1%
Other student					65	.2%	65	.2%
Not employed by choice					577	2.2%	577	2.2%
Employed, seeking PA job					88	.3%	88	.3%
Unemployed, seeking PA job					223	.9%	223	.9%
Unemployed, seeking non-PA job					36	.1%	36	.1%
Retired					165	.6%	165	.6%
Other	2	1.4%			283	1.1%	285	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**

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	143	100.0%	1	100.0%	23815	100.0%	23959	100.0%
One	123	86.0%	1	100.0%	20133	84.5%	20257	84.5%
Two	16	11.2%			2959	12.4%	2975	12.4%
Three	3	2.1%			448	1.9%	451	1.9%
More than three	1	.7%			122	.5%	123	.5%
Self-employed w/mult contracts					153	.6%	153	.6%

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	142	100.0%	1	100.0%	23546	100.0%	23689	100.0%
Self-employed	1	.7%			675	2.9%	676	2.9%
Solo physician practice	17	12.0%			2965	12.6%	2982	12.6%
Single-specialty physician group	80	56.3%			7272	30.9%	7352	31.0%
Multi-specialty physician group	12	8.5%			3054	13.0%	3066	12.9%
University hospital	19	13.4%			2026	8.6%	2045	8.6%
Other hospital	7	4.9%	1	100.0%	3348	14.2%	3356	14.2%
Freestanding urgent care center					442	1.9%	442	1.9%
Freestanding surgical center					19	.1%	19	.1%
Nursing home or LTC facility					53	.2%	53	.2%
Home health agency					7	.0%	7	.0%
Hospice					2	.0%	2	.0%
HMO	1	.7%			438	1.9%	439	1.9%
Community health center					1370	5.8%	1370	5.8%
Medical staffing agency					78	.3%	78	.3%
Physician practice mngmt org					421	1.8%	421	1.8%
Integrated health system	3	2.1%			339	1.4%	342	1.4%
Corrections system					207	.9%	207	.9%
Other	2	1.4%			830	3.5%	832	3.5%

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	142	100.0%	1	100.0%	23342	100.0%	23485	100.0%
Not government employed	133	93.7%	1	100.0%	21209	90.9%	21343	90.9%
Air Force					130	.6%	130	.6%
Army					316	1.4%	316	1.3%
Navy					91	.4%	91	.4%
Coast Guard					18	.1%	18	.1%
Dept. of Veterans Affairs	5	3.5%			486	2.1%	491	2.1%
Federal Bureau of Prisons/DOJ					31	.1%	31	.1%
Indian Health Service					93	.4%	93	.4%
Federal Public Health Service					105	.4%	105	.4%
Other Federal Government					107	.5%	107	.5%
State Government	4	2.8%			516	2.2%	520	2.2%
Local Government					240	1.0%	240	1.0%

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	142	100.0%	1	100.0%	23381	100.0%	23524	100.0%
Intensive/critical care unit of hospital					524	2.2%	524	2.2%
Inpatient unit of hospital (not ICU/CCU)	30	21.1%			2393	10.2%	2423	10.3%
Outpatient unit of hospital	16	11.3%	1	100.0%	1734	7.4%	1751	7.4%
Hospital emergency room					2367	10.1%	2367	10.1%
Hospital operating room					1529	6.5%	1529	6.5%
Other unit of hospital	1	.7%			322	1.4%	323	1.4%
Federally Qualified Rural Health Center					835	3.6%	835	3.5%
Other FQHC	1	.7%			456	2.0%	457	1.9%
Other community health center/facility	2	1.4%			545	2.3%	547	2.3%
Freestanding urgent care facility					672	2.9%	672	2.9%
Freestanding surgical facility					83	.4%	83	.4%
Solo practice physician office	4	2.8%			2792	11.9%	2796	11.9%
Single-specialty physician group practice	19	13.4%			5196	22.2%	5215	22.2%
Multi-specialty physician group practice	7	4.9%			2188	9.4%	2195	9.3%
HMO facility	1	.7%			316	1.4%	317	1.3%
Nursing home or LTC facility					199	.9%	199	.8%
University/college student health facility					138	.6%	138	.6%
School-based health facility					84	.4%	84	.4%
Other freestanding outpatient facility	58	40.8%			393	1.7%	451	1.9%
Correctional facility					228	1.0%	228	1.0%
Industrial facility/work site					119	.5%	119	.5%
Retail Outlet					39	.2%	39	.2%
Mobile health unit					28	.1%	28	.1%
Patients' homes					35	.1%	35	.1%
Other	3	2.1%			166	.7%	169	.7%

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	140	98.6%	1	100.0%	23309	99.0%	23450	99.0%
Intensive/critical care unit of hospital	51	35.9%			5273	22.4%	5324	22.5%
Inpatient unit of hospital (not ICU/CCU)	70	49.3%			8121	34.5%	8191	34.6%
Outpatient unit of hospital	45	31.7%	1	100.0%	4921	20.9%	4967	21.0%
Hospital emergency room	35	24.6%			7214	30.6%	7249	30.6%
Hospital operating room	1	.7%			5203	22.1%	5204	22.0%
Other unit of hospital	19	13.4%			1992	8.5%	2011	8.5%
Federally Qualified Rural Health Center	3	2.1%			1112	4.7%	1115	4.7%
Other FQHC	3	2.1%			639	2.7%	642	2.7%
Other community health center/facility	3	2.1%			845	3.6%	848	3.6%
Freestanding urgent care facility	1	.7%			1098	4.7%	1099	4.6%
Freestanding surgical facility					1141	4.8%	1141	4.8%
Solo practice physician office	13	9.2%			3183	13.5%	3196	13.5%
Single-specialty physician group practice	62	43.7%			6714	28.5%	6776	28.6%
Multi-specialty physician group practice	14	9.9%			2990	12.7%	3004	12.7%
HMO facility	1	.7%			460	2.0%	461	1.9%
Nursing home or LTC facility	10	7.0%			1169	5.0%	1179	5.0%
University/college student health facility					257	1.1%	257	1.1%
School-based health facility					199	.8%	199	.8%
Other freestanding outpatient facility	77	54.2%			705	3.0%	782	3.3%
Correctional facility	1	.7%			369	1.6%	370	1.6%
Industrial facility/work site					219	.9%	219	.9%
Retail Outlet					46	.2%	46	.2%
Mobile health unit					91	.4%	91	.4%
Patients' homes	2	1.4%			333	1.4%	335	1.4%
Other	21	14.8%			550	2.3%	571	2.4%

\*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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	143	100.0%	1	100.0%	23671	100.0%	23815	100.0%
Family/general medicine					5932	25.1%	5932	24.9%
General internal medicine					1643	6.9%	1643	6.9%
Emergency medicine					2450	10.4%	2450	10.3%
General pediatrics					579	2.4%	579	2.4%
General surgery					654	2.8%	654	2.7%
Internal medicine subspecialties	143	100.0%			2555	10.8%	2698	11.3%
Pediatric subspecialties			1	100.0%	371	1.6%	372	1.6%
Surgical subspecialties					5295	22.4%	5295	22.2%
Obstetrics and gynecology					561	2.4%	561	2.4%
Occupational medicine					574	2.4%	574	2.4%
Other					3057	12.9%	3057	12.8%

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	143	100.0%	1	100.0%	23671	100.0%	23815	100.0%
Addiction medicine					66	.3%	66	.3%
Allergy					127	.5%	127	.5%
Anesthesiology					60	.3%	60	.3%
Dermatology					827	3.5%	827	3.5%
Emergency medicine					2450	10.4%	2450	10.3%
Family practice w/o urgent care					3580	15.1%	3580	15.0%
Family practice wt urgent care					2352	9.9%	2352	9.9%
Genetics					7	.0%	7	.0%
Geriatrics					159	.7%	159	.7%
Obstetrics/gynecology					561	2.4%	561	2.4%
Occupational medicine					574	2.4%	574	2.4%
Ophthalmology					23	.1%	23	.1%
Pain management					275	1.2%	275	1.2%
Pathology					4	.0%	4	.0%
Physical med rehab					170	.7%	170	.7%
Psychiatry					243	1.0%	243	1.0%
Public health					49	.2%	49	.2%
Radiation oncology					57	.2%	57	.2%
Radiology					36	.2%	36	.2%
Interventional radiology					195	.8%	195	.8%
Hospital medicine					233	1.0%	233	1.0%
General surgery					654	2.8%	654	2.7%
Surg: cardiovascular/cardiothoracic					748	3.2%	748	3.1%
Surg: colon & rectal					26	.1%	26	.1%
Surg: hand					54	.2%	54	.2%
Surg: neurology					573	2.4%	573	2.4%
Surg: oncology					58	.2%	58	.2%
Surg: orthopedics					2411	10.2%	2411	10.1%
Surg: otorhinolaryngology					232	1.0%	232	1.0%
Surg: pediatric					31	.1%	31	.1%
Surg: plastic					184	.8%	184	.8%
Surg: thoracic					38	.2%	38	.2%
Surg: transplant					67	.3%	67	.3%
Surg: trauma					106	.4%	106	.4%
Surg: urology					285	1.2%	285	1.2%
Surg: vascular					144	.6%	144	.6%
Surg: bariatric					62	.3%	62	.3%
Surg: spine					172	.7%	172	.7%
Surg: other					104	.4%	104	.4%
General pediatrics					579	2.4%	579	2.4%
Ped: adolescent medicine					53	.2%	53	.2%
Ped: allergy					9	.0%	9	.0%
Ped: cardiology					19	.1%	19	.1%
Ped: critical care					22	.1%	22	.1%
Ped: endocrinology					10	.0%	10	.0%
Ped: gastroenterology					18	.1%	18	.1%
Ped: hematology/oncology					7	.0%	7	.0%
Ped: infectious disease					5	.0%	5	.0%
Ped: neonatal-perinatal					91	.4%	91	.4%
Ped: nephrology			1	100.0%			1	.0%
Ped: neurology					18	.1%	18	.1%
Ped: pulmonology					14	.1%	14	.1%
Ped: rheumatology					2	.0%	2	.0%
Ped: oncology					23	.1%	23	.1%
Ped: other					80	.3%	80	.3%
General internal medicine					1643	6.9%	1643	6.9%
IM: cardiology					916	3.9%	916	3.8%
IM: critical care					105	.4%	105	.4%
IM: endocrinology					132	.6%	132	.6%
IM: gastroenterology					406	1.7%	406	1.7%
IM: hematology/oncology					56	.2%	56	.2%
IM: immunology					4	.0%	4	.0%
IM: infectious disease					123	.5%	123	.5%
IM: nephrology	143	100.0%					143	.6%
IM: neurology					143	.6%	143	.6%
IM: pulmonology					122	.5%	122	.5%
IM: rheumatology					74	.3%	74	.3%
IM: oncology					405	1.7%	405	1.7%
IM: other					69	.3%	69	.3%
Other					526	2.2%	526	2.2%

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

	Medical Nephrology	Pediatric Nephrology	All Others	Total
Respondents	142	1	23610	23753
Mean	10.2	3.0	9.4	9.4
Standard deviation	9.9	.	8.9	8.9
10th percentile	.0	3.0	.0	.0
25th percentile	2.0	3.0	3.0	3.0
Median	6.0	3.0	6.0	6.0
75th percentile	15.0	3.0	14.0	14.0
90th percentile	28.0	3.0	25.0	25.0

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

	Medical Nephrology	Pediatric Nephrology	All Others	Total
Respondents	139	1	23409	23549
Mean	5.4	.0	4.8	4.8
Standard deviation	6.6	.	5.8	5.8
10th percentile	.0	.0	.0	.0
25th percentile	1.0	.0	1.0	1.0
Median	3.0	.0	3.0	3.0
75th percentile	7.0	.0	6.0	6.0
90th percentile	15.0	.0	12.0	12.0

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

	Medical Nephrology	Pediatric Nephrology	All Others	Total
Respondents	141	1	23384	23526
Mean	6.3	.0	6.6	6.6
Standard deviation	7.4	.	7.3	7.3
10th percentile	.0	.0	.0	.0
25th percentile	2.0	.0	1.0	1.0
Median	3.0	.0	4.0	4.0
75th percentile	9.0	.0	9.0	9.0
90th percentile	17.0	.0	17.0	17.0

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	142	100.0%	1	100.0%	23225	100.0%	23368	100.0%
Northeast	26	18.3%			5372	23.1%	5398	23.1%
Southeast	39	27.5%			5578	24.0%	5617	24.0%
North Central	36	25.4%			4890	21.1%	4926	21.1%
South Central	25	17.6%			3117	13.4%	3142	13.4%
West	16	11.3%	1	100.0%	4268	18.4%	4285	18.3%

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	142	100.0%	1	100.0%	23225	100.0%	23368	100.0%
Alaska					141	.6%	141	.6%
Alabama	1	.7%			141	.6%	142	.6%
Arkansas					37	.2%	37	.2%
Arizona	1	.7%			566	2.4%	567	2.4%
California	6	4.2%	1	100.0%	1705	7.3%	1712	7.3%
Colorado	2	1.4%			626	2.7%	628	2.7%
Connecticut	3	2.1%			495	2.1%	498	2.1%
District Of Columbia					83	.4%	83	.4%
Delaware					84	.4%	84	.4%
Florida	8	5.6%			1298	5.6%	1306	5.6%
Georgia	11	7.7%			720	3.1%	731	3.1%
Guam					7	.0%	7	.0%
Hawaii					59	.3%	59	.3%
Iowa	1	.7%			338	1.5%	339	1.5%
Idaho	2	1.4%			166	.7%	168	.7%
Illinois	8	5.6%			707	3.0%	715	3.1%
Indiana	1	.7%			256	1.1%	257	1.1%
Kansas	2	1.4%			293	1.3%	295	1.3%
Kentucky	1	.7%			271	1.2%	272	1.2%
Louisiana	1	.7%			168	.7%	169	.7%
Massachusetts	2	1.4%			554	2.4%	556	2.4%
Maryland	3	2.1%			540	2.3%	543	2.3%
Maine					203	.9%	203	.9%
Michigan	10	7.0%			1085	4.7%	1095	4.7%
Minnesota	2	1.4%			486	2.1%	488	2.1%
Missouri	2	1.4%			219	.9%	221	.9%
Mississippi					34	.1%	34	.1%
Montana	2	1.4%			146	.6%	148	.6%
North Carolina	10	7.0%			1148	4.9%	1158	5.0%
North Dakota	1	.7%			86	.4%	87	.4%
Nebraska					306	1.3%	306	1.3%
New Hampshire					155	.7%	155	.7%
New Jersey	2	1.4%			357	1.5%	359	1.5%
New Mexico	1	.7%			155	.7%	156	.7%
Nevada					168	.7%	168	.7%
New York	6	4.2%			1945	8.4%	1951	8.3%
Ohio	3	2.1%			578	2.5%	581	2.5%
Oklahoma					362	1.6%	362	1.5%
Oregon	3	2.1%			310	1.3%	313	1.3%
Pennsylvania	12	8.5%			1408	6.1%	1420	6.1%
Rhode Island					93	.4%	93	.4%
South Carolina	3	2.1%			258	1.1%	261	1.1%
South Dakota	1	.7%			174	.7%	175	.7%
Tennessee	1	.7%			360	1.6%	361	1.5%
Texas	19	13.4%			1442	6.2%	1461	6.3%
Utah					236	1.0%	236	1.0%
Virginia	1	.7%			549	2.4%	550	2.4%
Vermont	1	.7%			78	.3%	79	.3%
Washington	2	1.4%			683	2.9%	685	2.9%
Wisconsin	7	4.9%			655	2.8%	662	2.8%
West Virginia					210	.9%	210	.9%
Wyoming					81	.3%	81	.3%

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

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	137	100.0%	1	100.0%	22416	100.0%	22554	100.0%
Not metro								
NonMetro, with urban pop >20K and adjacent to metro area	4	2.9%			985	4.4%	989	4.4%
NonMetro, with urban pop >20K, not adjacent to metro area	2	1.5%			545	2.4%	547	2.4%
NonMetro, with urban pop 2.5K-20K, adjacent to metro area	3	2.2%			839	3.7%	842	3.7%
NonMetro, with urban pop 2.5K-20K, not adjacent to metro area	1	.7%			658	2.9%	659	2.9%
NonMetro, with urban pop < 2,500, adjacent to metro area					137	.6%	137	.6%
NonMetro, with urban pop <2,500, not adjacent to metro area					233	1.0%	233	1.0%
Metro								
Metro, >1M Population	59	43.1%			10833	48.3%	10892	48.3%
Metro, 250K-1M Population	41	29.9%			5532	24.7%	5573	24.7%
Metro, <250K Population	27	19.7%	1	100.0%	2654	11.8%	2682	11.9%

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\***

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	142	100.0%	1	100.0%	23647	100.0%	23790	100.0%
Minor surgical procedures	15	10.6%			13935	58.9%	13950	58.6%
First assisting at surgery					5670	24.0%	5670	23.8%
Manage the care of patients in an inpatient setting	69	48.6%			8978	38.0%	9047	38.0%
Serve on the quality assurance committee	29	20.4%			1884	8.0%	1913	8.0%
Serve on the utilization review committee	5	3.5%			753	3.2%	758	3.2%
Participate in the conduct of clinical trials	36	25.4%			2711	11.5%	2747	11.5%
Serve on formulary/pharmaceutical selection committee	2	1.4%			600	2.5%	602	2.5%
Decision making about procurement of medical/surgical equipment/supplies	8	5.6%			4554	19.3%	4562	19.2%
Supervisory/managerial responsibilities for other PAs	10	7.0%			2180	9.2%	2190	9.2%
Supervisory/managerial responsibilities for clinical staff other than PAs	17	12.0%			4257	18.0%	4274	18.0%
Supervisory/managerial responsibilities for non-clinical staff	8	5.6%			2018	8.5%	2026	8.5%
Precept PA students	33	23.2%			8372	35.4%	8405	35.3%
Precept students of other health professions	18	12.7%			5729	24.2%	5747	24.2%

\*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**

	Medical Nephrology		Pediatric Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Respondents	143	100.0%	1	100.0%	23815	100.0%	23959	100.0%
32 or more hours	126	88.1%			20297	85.2%	20423	85.2%
Less than 32 hours	13	9.1%	1	100.0%	3047	12.8%	3061	12.8%
Hours not reported	4	2.8%			471	2.0%	475	2.0%

**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\***

	Medical Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	72	100.0%	13566	100.0%	13638	100.0%
See some inpatients	38	52.8%	5980	44.1%	6018	44.1%
See some outpatients	65	90.3%	11670	86.0%	11735	86.0%
See some other patients**	12	16.7%	816	6.0%	828	6.1%

\*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 inpatients or outpatients.

**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**

	Medical Nephrology	All Others	Total
Respondents	126	20297	20423
Mean	44.1	44.3	44.3
Standard deviation	6.5	8.2	8.2
10th percentile	36.0	36.0	36.0
25th percentile	40.0	40.0	40.0
Median	42.0	41.0	41.0
75th percentile	50.0	50.0	50.0
90th percentile	55.0	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\***

	Medical Nephrology	All Others	Total
Respondents	7	1359	1366
Mean	43.9	43.0	43.0
Standard deviation	5.4	7.8	7.7
10th percentile	35.0	35.0	35.0
25th percentile	40.0	40.0	40.0
Median	45.0	40.0	40.0
75th percentile	50.0	45.0	45.0
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**

	Medical Nephrology	All Others	Total
Respondents	7	1359	1366
Mean	85.0	61.9	62.1
Standard deviation	50.9	40.8	40.9
10th percentile	30.0	20.0	20.0
25th percentile	50.0	35.0	35.0
Median	70.0	50.0	50.0
75th percentile	100.0	80.0	80.0
90th percentile	.	100.0	100.0

**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\***

	Medical Nephrology	All Others	Total
Respondents	12	5625	5637
Mean	36.1	38.9	38.9
Standard deviation	2.7	5.3	5.3
10th percentile	33.0	33.0	33.0
25th percentile	33.5	35.0	35.0
Median	35.0	40.0	40.0
75th percentile	39.5	40.0	40.0
90th percentile	40.0	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**

	Medical Nephrology	All Others	Total
Respondents	12	5625	5637
Mean	149.2	93.2	93.3
Standard deviation	77.6	39.3	39.5
10th percentile	53.0	50.0	50.0
25th percentile	81.3	70.0	70.0
Median	137.5	90.0	90.0
75th percentile	200.0	110.0	110.0
90th percentile	283.5	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**

	Medical Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	126	100.0%	20202	100.0%	20328	100.0%
Do not take call	92	73.0%	12387	61.3%	12479	61.4%
Take some call	27	21.4%	6642	32.9%	6669	32.8%
Take call, hours unknown	1	.8%	95	.5%	96	.5%
Always on call	6	4.8%	1078	5.3%	1084	5.3%

**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 for Those Who Take Call and Reported Type\***

	Medical Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	20	15.9%	4521	22.4%	4541	22.3%
Emergency department call	3	2.4%	1128	5.6%	1131	5.6%
Surgical assisting call			1348	6.7%	1348	6.6%
In-house call	6	4.8%	1454	7.2%	1460	7.2%
Other call	15	11.9%	2354	11.7%	2369	11.7%
Do not take call	92	73.0%	12387	61.3%	12479	61.4%
Call taken, type not indicated	14	11.1%	3294	16.3%	3308	16.3%

\*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\***

	Medical Nephrology	All Others	Total
Respondents	27	6642	6669
Mean	68.5	94.5	94.4
Standard deviation	82.9	86.0	86.0
10th percentile	11.2	12.0	12.0
25th percentile	20.0	32.0	32.0
Median	40.0	72.0	72.0
75th percentile	96.0	125.0	125.0
90th percentile	200.0	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 Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job by Type of Base Pay Received\***

	Medical Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	122	100.0%	19307	100.0%	19429	100.0%
Salary	116	95.1%	15561	80.6%	15677	80.7%
Hourly wage	6	4.9%	3370	17.5%	3376	17.4%
Other type of base pay			223	1.2%	223	1.1%
Do not receive base pay			153	.8%	153	.8%

\*Excludes self-employed PAs.

**Table 4.11: Number and Percent Distribution of Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job by Types of Compensation Received\***

	Medical Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	118	100.0%	18908	100.0%	19026	100.0%
Base Pay	118	100.0%	18638	98.6%	18756	98.6%
Surgical assisting fees			390	2.1%	390	2.0%
Overtime pay	9	7.6%	2727	14.4%	2736	14.4%
Shift differential	2	1.7%	948	5.0%	950	5.0%
Administrative pay	1	.8%	484	2.6%	485	2.5%
Pay for on-call availability	1	.8%	1265	6.7%	1266	6.7%
Pay for on-call services/events	4	3.4%	1148	6.1%	1152	6.1%
Bonus not based on productivity/performance	31	26.3%	3886	20.6%	3917	20.6%
Bonus based on productivity of practice	7	5.9%	2224	11.8%	2231	11.7%
Bonus based on own productivity/performance	9	7.6%	3579	18.9%	3588	18.9%

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

**Table 4.12: 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\***

	Medical Nephrology		All Others		Total	
	Count	Percent	Count	Percent	Count	Percent
Respondents	16	100.0%	5682	100.0%	5698	100.0%
Bonus based on charges	3	18.8%	1346	23.7%	1349	23.7%
Bonus based on revenues	5	31.3%	2362	41.6%	2367	41.5%
Bonus based on relative value units	3	18.8%	1128	19.9%	1131	19.8%
Bonus based on profit	6	37.5%	1294	22.8%	1300	22.8%
Bonus based on number of visits or panel size	7	43.8%	1098	19.3%	1105	19.4%
Bonus based on quality of care	3	18.8%	820	14.4%	823	14.4%
Bonus based on patient satisfaction	2	12.5%	964	17.0%	966	17.0%
Bonus based on other factors	2	12.5%	822	14.5%	824	14.5%

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

**Table 4.13: Summary Measures of Total Annual Income from Primary Employer for Respondents Who Work at Least 32 Hours per Week at Primary Clinical Job\***

	Medical Nephrology	All Others	Total
Respondents	122	19406	19528
Mean	\$78,863	\$86,261	\$86,214
Standard deviation	\$15,110	\$21,930	\$21,901
10th percentile	\$60,808	\$64,395	\$64,374
25th percentile	\$69,424	\$71,942	\$71,908
Median	\$77,073	\$82,254	\$82,223
75th percentile	\$86,895	\$96,051	\$96,010
90th percentile	\$97,035	\$112,958	\$112,889

\*Excludes self-employed PAs.

Due to federal regulations, income data for cohorts with fewer than 10 respondents have been omitted.

**Table 4.14: Summary Measures of Total Annual Income from Primary Employer for Respondents Who Graduated in 2006 and Work at Least 32 Hours per Week at Primary Clinical Job\***

	Medical Nephrology	All Others	Total
Respondents	15	2125	2140
Mean	\$68,338	\$73,046	\$73,013
Standard deviation	\$9,403	\$13,033	\$13,015
10th percentile	\$55,189	\$60,154	\$60,136
25th percentile	\$60,714	\$65,668	\$65,663
Median	\$69,525	\$71,840	\$71,825
75th percentile	\$74,078	\$79,069	\$79,044
90th percentile	\$82,431	\$88,895	\$88,821

\*Excludes self-employed PAs.

Due to federal regulations, income data for cohorts with fewer than 10 respondents have been omitted.