

Online Supplementary Material

Binns HJ, Lanier D, Pace WD, et al. Describing primary care encounters: the Primary Care Network Survey and the National Ambulatory Medical Care Survey. *Ann Fam Med*. 2007;5(1):39-47.

<http://www.annfammed.org/cgi/content/full/5/1/39/DC1>

Supplemental Appendix. Table 1. 2001 NAMCS Definitions	
Category	Definition
Specialty type	
Primary care specialists	General and/or family practice, internal medicine, adolescent medicine, pediatrics, pediatric sports medicine, adolescent medicine (internal medicine), gynecology, maternal and fetal medicine, obstetrics and gynecology, obstetrics, geriatric medicine (internal medicine), and sports medicine (internal medicine)
Specialty	
General and/or family practice	Family practice Family practice, geriatric medicine Sports medicine (family practice) General practice
Internal medicine	Internal medicine
Pediatrics	Adolescent medicine Critical care pediatrics Developmental-behavioral pediatrics Internal medicine/pediatrics Neurodevelopmental disabilities Neonatal-perinatal medicine Pediatrics Pediatric allergy Pediatric cardiology Pediatric endocrinology Pediatric infectious diseases Pediatric pulmonology Medical toxicology Pediatric emergency medicine Pediatric gastroenterology Pediatric hematology/oncology Pediatric nephrology Pediatric rheumatology Pediatric sports medicine
NAMCS = National Ambulatory Medical Care Survey.	
From: Centers for Disease Control and Prevention, National Center for Health Statistics. 2001 NAMCS Micro-Data File Documentation. P52-4. Available at: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NAMCS/doc01.pdf . Accessed: 13 January 2006.	

Supplemental Appendix. Table 2. Characteristics of PRINS Clinicians by Discipline					
Characteristic	Percentage of Clinicians, Unweighted				
	All Clinicians (N = 900)	Discipline*			
		Physicians (n = 701)	Physician Residents (n = 84)	APNs/NPs (n = 87)	Physician's Assistants (n = 27)
Specialty					
Family practice/general practice	58.8	53.1	96.4	62.1	77.8
Internal medicine	13.7	15.7	3.6	9.2	7.4
Pediatrics	23.1	27.5	0	16.1	3.7
Other	4.4	3.7	0	12.6	11.1
Region					
Northeast	17.9	14.7	3.6	58.6	14.8
Midwest	24.9	30.9	0	4.6	11.1
South	30.6	26.5	78.6	16.1	29.6
West	26.7	27.8	17.9	20.7	44.4
MSA status					
MSA	81.7	80.5	97.6	75.9	81.5
Non-MSA	16.0	17.6	2.4	17.2	14.8
Missing	2.3	2.0	0	6.9	3.7
Sex					
Male	52.4	58.8	53.6	3.4	44.4
Female	47.6	41.2	46.4	96.6	55.6
Age					
< 50 years	73.8	71.2	97.6	66.7	88.9
≥50 years	24.6	27.4	0	29.9	11.1
Missing	1.7	1.4	2.4	3.4	0
Ethnicity					
Non-Hispanic	93.7	94.0	90.5	93.1	96.3
Hispanic	5.6	5.4	8.3	4.6	3.7
Missing	0.8	0.6	1.1	2.3	0
Race					
White	85.0	84.2	80.9	93.1	96.3
Black/African American	3.8	4.4	1.2	2.3	0
Asian	9.0	9.4	14.3	1.1	3.7
Native Hawaiian/other Pacific Islander	0.4	0.4	1.2	0	0
American Indian/Alaska Native	0.2	0	2.4	0	0
More than 1 race	0.7	0.4	0	3.7	0
Missing	0.9	1.1	0	0	0

Supplemental Appendix, Table 2 continues.

Online Supplementary Data

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Supplemental Appendix, Table 2 continued.

Characteristic	Percentage of Clinicians, Unweighted				
	All Clinicians (N = 900)	Discipline*			
		Physicians (n = 701)	Physician Residents (n = 84)	APNs/NPs (n = 87)	Physician's Assistants (n = 27)
Who owns this office (practice)?					
Hospital	38.2	36.1	64.3	25.3	51.9
Physician or physician group	39.3	43.1	27.4	27.6	18.5
Other health care corporation	15.6	14.1	8.3	31.0	25.9
Health maintenance organization	0.3	0.4	0	0	0
Other	4.3	4.6	0	6.9	3.7
Blank	2.2	1.7	0	9.2	0
Employment status					
Owner	19.4	24.7	1.2	1.2	0
Employee or contractor	79.4	74.2	98.8	96.5	100
Missing	1.1	1.1	0	2.3	0

PRINS = Primary Care Network Survey; APN = advanced practice nurse; NP = nurse-practitioner; MSA = Metropolitan Statistical Area.
 * Discipline was missing for 1 clinician.

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Characteristic	Percentage of Visits, UnWeighted				
	All Clinicians	Discipline*			
		Physicians	Physician Residents	APNs/NPs	Physician's Assistants
Sex					
Male	41.1	44.6	34.1	22.4	44.0
Female	58.4	54.9	65.8	76.8	55.5
Missing	0.5	0.5	0.1	0.8	0.5
Age, years					
≤14	43.1	47.8	20.5	22.2	38.1
15-24	0.4	8.9	16.0	9.8	15.4
25-44	15.5	14.0	33.7	19.1	24.4
45-64	20.2	17.3	24.1	36.2	14.9
65-74	6.5	6.0	3.3	10.8	3.9
≥75	4.6	5.2	2.4	1.7	2.8
Missing	0.7	0.8	0.1	0.3	0.6
Ethnicity					
Non-Hispanic	84.7	84.9	86.6	84.0	72.0
Hispanic	12.5	12.2	12.7	13.3	27.0
Missing	2.8	2.9	0.7	2.7	1.0
Race					
White	61.0	65.7	70.8	31.5	71.5
Black/African American	25.4	20.8	15.4	54.7	11.5
Asian	2.3	2.5	3.3	1.2	6.2
Native Hawaiian/other Pacific Islander	0.1	0.2	0.2	0.0	0.1
American Indian/Alaska Native	0.7	0.7	1.3	0.4	4.2
More than 1 race	6.5	6.8	7.6	4.5	2.1
Missing	4.0	3.5	1.4	7.8	4.3
Insurance					
Private insurance	47.2	52.1	48.0	19.7	41.1
Medicare	9.7	9.4	6.1	12.1	5.6
Medicaid	25.2	23.0	34.0	35.4	32.1
Self-pay	9.1	7.9	6.5	16.6	6.9
No charge	0.5	0.5	0.1	1.1	1.4
Worker's compensation	0.3	0.4	0.0	0.4	0.1
Other	5.4	4.1	2.2	13.1	11.5
Don't know or missing	2.5	2.6	3.1	1.7	1.4
Major reason for visit					
Acute problem	48.5	48.0	42.7	52.5	52.2
Chronic problem, routine	18.2	18.8	20.3	14.3	22.6
Chronic problem, flare-up	8.2	6.1	9.3	20.0	12.2
Presurgery or postsurgery/injury follow-up	1.1	1.2	1.4	0.6	0.4
Nonillness care/preventive care	22.8	24.8	25.4	12.2	11.3
Missing	1.1	1.2	1.1	0.4	1.3

Supplemental Appendix, Table 3 continues.

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Supplemental Appendix, Table 3 continued.

Characteristic	Percentage of Visits, UnWeighted				
	Discipline*				
	All Clinicians	Physicians	Physician Residents	APNs/NPs	Physician's Assistants
Clinician is this patient's primary care clinician					
Yes	76.6	79.8	50.2	67.3	36.6
No	17.5	15.3	38.6	22.2	60.3
Don't know	3.0	3.0	10.3	1.3	2.4
Missing	2.9	2.0	0.9	9.2	0.7

PRINS = Primary Care Network Survey; APN = advanced practice nurse; NP = nurse-practitioner.
 * Discipline was missing for 1 clinician.

Supplemental Appendix. Table 4. Services Provided in PRINS Patient Visits by Discipline					
Characteristic	Percentage of Visits, Weighted				
	All Clinicians	Discipline*			
		Physicians	Physician Residents	APNs/NPs	Physician's Assistants
Any diagnostic or other assessment service performed					
Yes	98.8	98.6	95.1	99.9	98.8
No/missing	1.2	1.4	4.9	0.1	1.2
Physical examination performed					
Yes	92.1	91.0	95.1	97.7	92.3
No	7.9	9.0	4.9	2.3	7.7
Blood pressure performed					
Yes	58.9	54.6	72.0	81.0	49.1
No	41.1	45.4	28.0	19.0	50.9
Diagnostic or assessment services other than physical examination and blood pressure					
Yes	87.1	85.6	93.2	93.8	92.2
No/missing	12.9	14.4	6.8	6.2	7.8
Counseling/education services provided					
Yes	63.8	59.1	64.4	91.3	59.2
No/missing	36.2	40.9	35.6	8.7	40.8
Diet/nutrition counseling/education provided					
Yes	37.7	34.4	32.1	59.1	18.3
No	62.3	65.6	67.9	40.9	81.7
Growth/development counseling/education provided					
Yes	14.4	16.1	6.5	7.2	3.2
No	85.6	83.9	93.5	92.8	96.8
Tobacco use/exposure counseling/education provided					
Yes	10.6	9.6	13.1	15.9	10.0
No	89.4	90.4	86.9	84.1	90.0

PRINS = Primary Care Network Survey; APN = advanced practice nurse; NP = nurse-practitioner.
 * Discipline was missing for 1 clinician.

Supplemental Appendix. Table 5. Distribution of Visits for the Top 15 PRINS Diagnostic Clusters by Discipline

Diagnostic Cluster	Percentage of Visits, Weighted				
	All Clinicians	Discipline*			
		Physicians	Physician Residents	APNs/NPs	Physician's Assistants
Routine health maintenance	15.9	17.5	12.6	8.0	5.9
Upper respiratory infection	6.9	7.9	3.8	2.5	6.5
Hypertension	6.0	5.6	4.3	8.5	2.3
Otitis media	5.4	5.8	3.0	3.6	5.8
Diabetes mellitus	3.6	3.0	2.6	8.2	2.5
Depression or anxiety	2.2	2.3	3.1	1.4	0.8
Asthma	2.1	2.1	2.0	1.3	11.0
Rhinitis	2.1	1.7	2.5	3.2	10.5
Sinusitis	1.9	1.5	1.1	4.6	2.5
Hyperlipidemia	1.9	2.0	1.7	1.6	0.7
Lower respiratory infection	1.7	1.1	0.8	5.5	0.5
Eczema	1.5	1.6	1.2	1.0	0.8
Peptic disease	1.4	1.3	1.4	1.9	0.9
Pregnancy-related	1.3	1.1	7.9	0.8	3.5
Nonfungal skin infections	1.3	1.0	0.9	3.2	2.3

PRINS = Primary Care Network Survey; APN = advanced practice nurse; NP = nurse-practitioner.
 * Discipline was missing for 1 clinician.