

Family Medicine

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Appendix to:

Dai M, Ingram R, Peterson L. Variations in Scope of Practice and Patient Panel Size of Family Physicians Who Work with Nurse Practitioners or Physician Assistants. *Fam Med.* 2019;51(4)311-8. doi: 10.22454/FamMed.2019.438954

Appendix. Table 1. Differences in characteristics of family physicians by whether they were able to estimate their patient panel size

	FPs with panel size estimates (42.5%, n=11,829)	FPs with no panel size estimates (57.5%, n=16,007)	<i>p</i>
Physician characteristics			
Age, mean (SD)	51.7 (8.5)	51.5 (8.8)	0.0328
Gender			<.0001
Male	65.2%	58.1%	
Female	34.8%	41.9%	
Race			<.0001
White	80.1%	76.8%	
Nonwhite	20.0%	23.2%	
Medical degree			0.0959
MD	91.2%	90.6%	
DO	8.8%	9.4%	
Practice characteristics			
Size			<.0001
Solo	17.6%	15.9%	
Small	34.1%	37.2%	
Medium	30.1%	29.6%	
Large	18.2%	17.3%	
Specialty Mix			0.0347
Multispecialty	33.8%	35.0%	
Single specialty	66.2%	65.0%	
Ownership			<.0001
Group	67.2%	66.1%	
Public	12.1%	16.2%	
Integrated	15.8%	7.7%	

Other	5.0%	10.0%	
Rurality			<.0001
Rural	18.0%	22.0%	
Urban	82.0%	78.0%	
Care delivery model*			<.0001
Certified PCMH	37.1%	26.1%	
Non-PCMH	62.9%	73.9%	
Team configuration**			0.0001
PA & NP	30.7%	31.4%	
PA only	13.2%	12.7%	
NP only	26.9%	24.9%	
No PA or NP	29.2%	31.1%	

*PCMH= patient-centered medical home

**PA= physician assistant; NP= nurse practitioner

Appendix. Table 2. Percentage of family physicians providing each scope of practice item and their mean scope of practice scores

Scope of practice item	%	Scope of practice score mean (s.d.)
See Pts 18-65 years old	99.1	15.3 (3.0)
See Pts 65+ years old	97.5	15.4 (3.0)
Provide Orthopedic Care	88.2	15.9 (2.6)
See Pts13-18 years old	87.3	15.9 (2.7)
Provide Women's Health Care	81.2	16.1 (2.5)
See Pts<13 years old	79.7	16.2 (2.5)
Provide Mental Health Care	76.9	16.3 (2.4)
Provide Pre-op Care	72.8	16.4 (2.4)
Provide Office Surgery Care	62.6	16.7 (2.3)
Provide Pain Management Care	60.3	16.5 (2.6)
Provide Sports Medicine Care	58.1	16.8 (2.3)
Provide New Born Care	56.2	16.9 (2.3)
Provide Palliative Care	47.6	16.9 (2.6)
Provide Post-op Care	41.3	17.2 (2.5)
Provide Occupational Medicine Care	33.8	17.1 (2.7)
Provide Hospital Medicine Care	32.1	16.8 (3.3)
Provide Urgent Care	25.8	16.1 (3.0)
Provide Prenatal Care	10.0	18.8 (2.9)
Provide Emergency Care	7.7	18.0 (3.7)
Provide Deliveries	6.8	19.7 (2.7)
Provide School Health Care	2.7	17.0 (3.4)
Provide Major Surgery	2.5	20.0 (3.3)

Appendix. Table 3. Association between family physician team configuration and panel size – sensitivity analysis

	Panel size (including all estimates)	Panel size (excluding estimates > 5,323 ^φ)
Team configuration**		
No PA or NP	reference	reference
PA & NP	245*	103*
PA only	410*	255*
NP only	259*	128*
Physician characteristics		
Age, <i>per year increase</i>	-2	-2
Gender		
Female	reference	reference
Male	359*	297*
Race		
Non-white	reference	reference
White	93*	72*
Medical Degree		
DO	reference	reference
MD	-111*	-89*
Practice characteristics		
Practice size		
Solo	reference	reference
Small practice	127	144*
Medium practice	-104*	47
Large practice	-163*	4
Specialty Mix		
Single-specialty	reference	reference
Multi-specialty	-77	-37*
Ownership		
Group	reference	reference
Public	-1015*	-913*
Integrated	-885*	-777*
Other	-942*	-816*
Rurality		
Urban practice	reference	reference
Rural practice	120*	104*
Care delivery model***		
Non-PCMH	reference	reference
Certified PCMH	-46*	43

^φ We excluded 'extreme' estimates greater than 2 standard deviations (=2*1,530) above the mean (=2,263).

* P<0.05

** PA= physician assistant; NP= nurse practitioner

*** PCMH= patient-centered medical home