

# 2017 Graduate Survey Report



The ABFM has partnered with the Association of Family Medicine Residency Directors (AFMRD) to conduct a standardized National Graduate Survey of ABFM certified physicians three years after residency completion. This report contains the national responses from the 2017 survey.

A word about methodology. Each year, the survey will be open from January to December and a new cohort of graduates will be surveyed. The 2017 survey is of graduates from 2014.

## Methodology Notes

### Question 28

*"I feel burned out from my work"* correlates with the emotional exhaustion subscale of the Maslach Burnout Inventory. *"I have become more callous toward people since I took this job"* correlates with the depersonalization subscale of the Maslach Burnout Inventory. A standard scoring for both questions is to consider all respondents who respond "Once a Week" or more frequently as showing symptoms of burnout.

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### Question 35

The actual primary practice address was collected. The practice addresses were then geocoded and linked to the graduates' counties and states of practice. We used data from the Area Health Resource File (<http://ahrf.hrsa.gov/>) to determine the county's status a whole county HPSA and determined Urban and Rural Designation from the 2013 Rural Urban Continuum Code (RUCC). We collapsed the 9 category RUCC into 4 categories based on population size: 1-3 are Urban; 4-5 are Micropolitan; 6-7 are Large Rural; 8-9 are Small Rural. See the RUCC website for more information (<https://www.ers.usda.gov/data-products/rural-urban-continuum-codes/documentation/>).

## National Family Medicine Residency Graduate Follow-up Survey

1	<b>Do you currently provide any direct patient care?</b>	<b>National N=2159</b>	
		<b>Count</b>	<b>Pct</b>
	Yes	2127	99%
2	<b>If you do not currently provide any direct patient care, check one reason why:</b>	<b>National N=32</b>	
		<b>Count</b>	<b>Pct</b>
	Personal Leave (e.g. parenting, caregiver, etc)	12	38%
	Administrative/leadership position	7	22%
	Research position	1	3%
	Career change, please specify	4	13%
	Other, please specify	8	25%
3	<b>Do you intend to return to providing any direct patient care in the future?</b>	<b>National N=32</b>	
		<b>Count</b>	<b>Pct</b>
	Yes	29	91%
4	<b>Are you currently practicing outpatient continuity care?</b>	<b>National N=2126</b>	
		<b>Count</b>	<b>Pct</b>
	Yes	1726	81%
5	<b>If you are not currently practicing outpatient continuity of care, check one principal professional activity from the list below.</b>	<b>National N=400</b>	
		<b>Count</b>	<b>Pct</b>
	Emergency Medicine	52	13%
	Urgent Care	99	25%
	Hospitalist	191	48%
	Sports Medicine	11	3%
	Geriatrics	8	2%
	Palliative Care	19	5%
	Sleep Medicine	0	0%
	Pain Management	0	0%
	Other, please specify	20	5%

## National Family Medicine Residency Graduate Follow-up Survey

6	Which of the following describes your principal practice site?	National N=1780	
		Count	Pct
	Hospital-/health system-owned medical practice (not including managed care or HMO)	656	37%
	Independently-owned medical practice	277	16%
	Managed care/ HMO practice	126	7%
	Academic health center/ faculty practice (residency or university teaching environment)	216	12%
	Federally Qualified Health Center or Look-Alike	202	11%
	Rural Health Clinic (federally qualified)	84	5%
	Indian Health Service	22	1%
	Government clinic, Non-Federal (e.g. state, county, city, maternal and child health, public health center, etc.)	24	1%
	Federal (Military, Veterans Administration/Department of Defense)	95	5%
	Work site clinic	28	2%
	Other, please specify	50	3%

7	Which of the following best describes your role in the ownership of your principal practice?	National N=1274	
		Count	Pct
	No official ownership stake (100% employed)	1044	82%
	Sole owner	31	2%
	Partial owner or stakeholder	159	12%
	Self-employed as a contractor (including locums)	31	2%
	Other, please specify	9	1%

8	Which of the following describes your principal practice size?	National N=1778	
		Count	Pct
	Solo practice	69	4%
	2-5 Providers	662	37%
	6-20 Providers	638	36%
	>20 Providers	409	23%

## National Family Medicine Residency Graduate Follow-up Survey

9	Which of the following describes the physician speciality mix of your principal practice?	National N=1778	
		Count	Pct
	Family medicine only	803	45%
	Primary care specialty mix (Family Medicine, Internal Medicine and/or Pediatrics)	586	33%
	Multiple specialties (not only primary care)	389	22%

10	Other than your principal practice site, where else do you routinely see patients? (Select all that apply)	National N=1778	
		Count	Pct
	None	787	44%
	Another outpatient Clinic	211	12%
	Urgent care clinic	238	13%
	Emergency department	120	7%
	Hospital (not emergency department)	556	31%
	Nursing home or assisted living facility	243	14%
	Hospice facility	37	2%
	Other institutional setting (school-based clinic, correctional facility)	50	3%
	Patient homes	166	9%
	Other, please specify	65	4%

11	For the sites other than your principal practice where you routinely see patients, please indicate how many face-to-face patient encounters you have at the site in a typical month.	National N=1244	
		Count	Avg
	Urgent care clinic	342	175
	Encounters per month in an Emergency department	221	95
	Encounters per month in a Hospital (not emergency department)	720	80
	Encounters per month in a patient homes	163	7
	Encounters per month in a nursing home or assisted living facility	253	24
	Encounters per month in a hospice facility	41	11
	Encounters per month in an other institutional setting (school-based clinic, correctional facility)	53	23
	Encounters per month in other (specify)	71	80

## National Family Medicine Residency Graduate Follow-up Survey

12	<b>Please estimate your typical number of hours worked across all of your practice locations in each of the categories below. This should sum to your typical total hours per week; please do not double count hours. Please do not include volunteer or on-call time out of the office.</b>	<b>National N=2114</b>	
		<b>Count</b>	<b>Avg</b>
	Hours per week in Direct patient care (including charting; excluding on-call time)	2110	42
	Hours per week in Telephone patient care	1543	3
	Hours per week in E-Visits	405	3
	Hours per week in Administrative activities	1641	6
	Hours per week in Teaching/precepting	1095	7
	Hours per week in Other	349	6
13	<b>What types of activities are included in your 'other' work hours per week?</b>		
	flying, since I'm a flight doctor, and flight-related duties; occupational health visits, etc		
14	<b>Number of patient encounters in a typical full day (if you only work half day increments, multiply by 2 to get full day number):</b>	<b>National N=2114</b>	
		<b>Count</b>	<b>Avg</b>
	Number of Patient Encounters Per Day	2106	20
15	<b>How many half-day sessions do you work in a typical week? (one full day = 2 half-day clinic sessions)</b>	<b>National N=2114</b>	
		<b>Count</b>	<b>Avg</b>
	Half Day Sessions Per Week	1585	7
16	<b>Do you see patients on weekends and/or evenings?</b>	<b>National N=2113</b>	
		<b>Count</b>	<b>Pct</b>
	Yes	1263	60%

## National Family Medicine Residency Graduate Follow-up Survey

17	Do you take after-hours calls for your principal practice?	National N=2113	
		Count	Pct
		Yes	1350 64%

18	For each of the subject areas and procedures listed below, please indicate:	National N=2141		National N=2127	
		Residency Prepared		Currently Practicing	
		Count	Pct	Count	Pct
	Pediatric Outpatient Care:	1975	92%	1603	76%
	Newborn Hospital Care:	1891	88%	504	24%
	Pediatric hospital care (not newborn):	1600	75%	401	19%
	Maternity care:	1921	90%	551	26%
	Intensive care/ICU-CCU:	1397	65%	461	22%
	End of life care:	1796	84%	1311	62%
	Behavioral health care:	1895	89%	1856	88%
	Integrative health care (e.g. acupuncture, massage therapy, etc.):	556	26%	410	19%
	Endometrial biopsy:	1344	63%	550	26%
	IUD insertion and removal:	1678	79%	841	40%
	Implantable long-acting reversible contraception (e.g. nexplanon):	1490	70%	814	39%
	Colposcopy:	1235	58%	278	13%
	Uterine aspiration/ D&C:	360	17%	103	5%
	Pregnancy termination:	282	13%	57	3%
	Basic OB ultrasound (AFI, fetal presentation, placental location):	1238	58%	298	14%
	Casting:	990	46%	628	30%
	Joint aspiration and injection:	1905	89%	1579	75%
	Musculoskeletal ultrasound:	255	12%	197	9%
	Vasectomy:	383	18%	97	5%
	Neonatal circumcision:	1720	81%	357	17%
	Cardiac stress test:	612	29%	244	12%
	Osteopathic Manipulative Treatment:	304	14%	232	11%
	Buprenorphine treatment:	190	9%	186	9%
	Management of HIV/AIDS:	646	30%	441	21%
	Management of Hepatitis C:	665	31%	563	27%

## National Family Medicine Residency Graduate Follow-up Survey

19	<b>Do you ever practice adult inpatient medicine?</b>	<b>National N=2103</b>	
		<b>Count</b>	<b>Pct</b>
	Yes	845	40%

20	<b>For the specific procedures listed below, please indicate: * Whether or not your residency training adequately prepared you for your practice (yes or no). * Whether or not the item is currently a part of your practice (yes or no).</b>	<b>National N=844</b>		<b>National N=844</b>		
		<b>Residency Prepared</b>		<b>Currently Practicing</b>		
			<b>Count</b>	<b>Pct</b>	<b>Count</b>	<b>Pct</b>
		Lumbar puncture:	471	56%	274	32%
		Intubation:	495	59%	319	38%
		Ventilator management:	428	51%	283	34%
		Central line:	423	50%	244	29%
Thoracentesis:	323	38%	184	22%		

21	<b>Please Select all the reasons why you do not provide inpatient care for your hospitalized adult medicine patients: (Select all that apply)</b>	<b>National N=1258</b>		
		<b>Count</b>	<b>Pct</b>	
		Inadequately trained	36	3%
		Not available in the practice I joined	552	44%
		Challenges with privileging	68	5%
		Billing is a hassle	47	4%
		Poor reimbursement	38	3%
		Lifestyle considerations	842	67%
		Not interested	687	55%
		Other, please specify	67	5%



## National Family Medicine Residency Graduate Follow-up Survey

22	Please estimate how many deliveries you performed during your residency training (do not include any fellowships):	National N=2102	
		Count	Pct
	<20	90	4%
	21-40	384	18%
	41-60	613	29%
	61-80	344	16%
	81-100	283	13%
	>100	388	18%

23	Are you currently delivering babies?	National N=2102	
		Count	Pct
	Yes	298	14%

24	If yes, please estimate how many deliveries you perform per year	National N=298	
		Count	Avg
	Spontaneous vaginal deliveries per year	296	24
	Forceps/vaccum-assisted vaginal deliveries per year	182	3
	C-section (primary surgeon) deliveries per year	82	15
	C-section (assist) deliveries per year	180	8

25	If no, why not? (select all that apply)	National N=1804	
		Count	Pct
	Inadequately trained	183	10%
	Not available in the practice I joined	791	44%
	Challenges with privileging	206	11%
	Liability/fear of lawsuit	488	27%
	Billing is a hassle	48	3%
	Poor reimbursement	56	3%
	Malpractice insurance too costly/challenging	420	23%
	Lifestyle considerations	1069	59%
	Not interested	978	54%
	Other, please specify	87	5%

## National Family Medicine Residency Graduate Follow-up Survey

26	How satisfied are you with your training and your profession?	National N=2134	
		Count	Pct
<b>Choice of medicine as a profession</b>			
	Very Dissatisfied	29	1%
	Somewhat Dissatisfied	147	7%
	Neither Satisfied nor Dissatisfied	100	5%
	Somewhat Satisfied	689	32%
	Very Satisfied	1169	55%
<b>Choice of family medicine as a specialty</b>			
	Very Dissatisfied	30	1%
	Somewhat Dissatisfied	133	6%
	Neither Satisfied nor Dissatisfied	134	6%
	Somewhat Satisfied	703	33%
	Very Satisfied	1134	53%
<b>Residency training</b>			
	Very Dissatisfied	26	1%
	Somewhat Dissatisfied	76	4%
	Neither Satisfied nor Dissatisfied	115	5%
	Somewhat Satisfied	675	32%
	Very Satisfied	1242	58%

## National Family Medicine Residency Graduate Follow-up Survey

27	How satisfied are you with your principal practice?	National N=2102	
		Count	Pct
<b>Location</b>			
	Very Dissatisfied	38	2%
	Somewhat Dissatisfied	102	5%
	Neither Satisfied nor Dissatisfied	112	5%
	Somewhat Satisfied	521	25%
	Very Satisfied	1292	61%
	Not Applicable (Self Employed)	37	2%
<b>Partners</b>			
	Very Dissatisfied	34	2%
	Somewhat Dissatisfied	64	3%
	Neither Satisfied nor Dissatisfied	143	7%
	Somewhat Satisfied	517	25%
	Very Satisfied	1233	59%
	Not Applicable (Self Employed)	111	5%
<b>Employer</b>			
	Very Dissatisfied	79	4%
	Somewhat Dissatisfied	188	9%
	Neither Satisfied nor Dissatisfied	215	10%
	Somewhat Satisfied	712	34%
	Very Satisfied	791	38%
	Not Applicable (Self Employed)	117	6%
<b>Hours</b>			
	Very Dissatisfied	50	2%
	Somewhat Dissatisfied	227	11%
	Neither Satisfied nor Dissatisfied	196	9%
	Somewhat Satisfied	695	33%
	Very Satisfied	902	43%
	Not Applicable (Self Employed)	32	2%

## National Family Medicine Residency Graduate Follow-up Survey

### Income

Very Dissatisfied	47	2%
Somewhat Dissatisfied	189	9%
Neither Satisfied nor Dissatisfied	212	10%
Somewhat Satisfied	773	37%
Very Satisfied	850	40%
Not Applicable (Self Employed)	31	1%

### Overall

Very Dissatisfied	23	1%
Somewhat Dissatisfied	107	5%
Neither Satisfied nor Dissatisfied	171	8%
Somewhat Satisfied	938	45%
Very Satisfied	834	40%
Not Applicable (Self Employed)	29	1%

## National Family Medicine Residency Graduate Follow-up Survey

28	<b>Please indicate how often you agree with the following statements:</b>	<b>National N=2134</b>	
		<b>Count</b>	<b>Pct</b>

**I feel burned out from my work**

Never	92	4%
A few times a year or less	297	14%
Once a month or less	349	16%
A few times a month	550	26%
Once a Week	323	15%
A few times a week	386	18%
Every Day	137	6%

**I have become more callous toward people since I took this job**

Never	495	23%
A few times a year or less	440	21%
Once a month or less	378	18%
A few times a month	347	16%
Once a Week	182	9%
A few times a week	224	10%
Every Day	68	3%

29	<b>Are you certified by any other boards besides ABFM (not including CAQs)?</b>	<b>National N=2134</b>	
		<b>Count</b>	<b>Pct</b>
	Yes	137	6%

30	<b>If yes, which? (check all that apply)</b>	<b>National N=137</b>	
		<b>Count</b>	<b>Pct</b>
	American Osteopathic Board of Family Physicians- AOBFP	56	41%
	American Board of Internal Medicine- ABIM	6	4%
	American Board of Psychiatry and Neurology- ABPN	6	4%
	American Board of Emergency Medicine- ABEM	3	2%
	American Board of Preventive Medicine- ABPM	12	9%
	Other certifying boards (please specify)	56	41%

## National Family Medicine Residency Graduate Follow-up Survey

31	Do you ever teach any of the following? (Select all that apply)	National N=2134	
		Count	Pct
	Pre-Med (undergraduate students)	440	21%
	Medical students	1202	56%
	Residents	844	40%
	Fellows	143	7%
	Nursing students	245	11%
	Nurse practitioner students	691	32%
	Physician assistant student	460	22%
	Other healthcare professionals	415	19%
	None of the above, do not teach	438	21%

32	Are you a faculty member of a department of family medicine or a family medicine residency program?	National N=2134	
		Count	Pct
	Yes, core/salaried faculty	261	12%
	Yes, volunteer/clinical faculty	428	20%

33	Do you yourself participate in a practice-based research network or other research activities?	National N=2134	
		Count	Pct
	Yes	337	16%

## National Family Medicine Residency Graduate Follow-up Survey

34	Which of the following programs have you participated in? (Select all that apply)	National N=2134	
		Count	Pct
	None	1270	60%
	J1 Visa Waiver (Conrad State 30, Appalachian Regional Commission, Delta Regional Authority, or Other)	73	3%
	National Health Service Corps Scholarship	26	1%
	National Health Service Corps Loan Repayment	69	3%
	National Institutes of Health Loan Repayment Program (extramural or intramural)	3	0%
	Public Service Loan Forgiveness program	252	12%
	State Sponsored scholarship	37	2%
	State Sponsored Loan Repayment	128	6%
	U.S. Military Scholarship or Loan Repayment	100	5%
	Hospital- or employer- sponsored loan repayment	269	13%
	Other service obligation, scholarship, or loan repayment program	70	3%

35	What is the address of your principal practice setting?	National N=2101	
		Count	Pct
	In same state as residency	1130	54%
	In whole county HPSA	58	3%
	Urban (250,000+ population)	1712	81%
	Micropolitan (20,000-250,000 population)	119	6%
	Large Rural (2,500 – 19,999 population)	183	9%
	Small Rural (<2,500 population)	28	1%

36	In the most recent tax year, what was your pre-tax clinical income, combined from all sources, including bonuses but excluding benefits (yours alone, not household)?	National N=2030	
		Count	Avg
	Pre Tax Income	2030	204,823