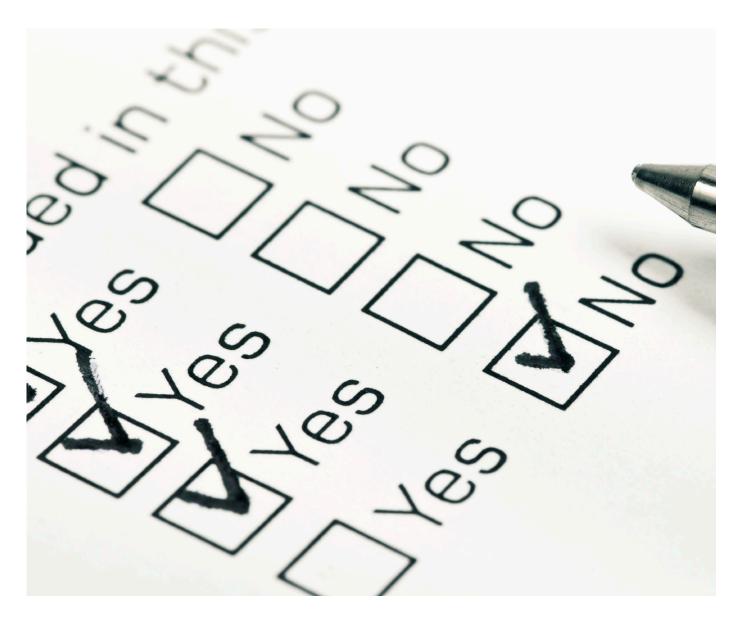
Physician Perspectives on Care Delivery Reform: Results from a Survey of Connecticut Physicians



Yale school of public health



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Introduction

Primary care transformation is a key goal of the Connecticut State Innovation Model (SIM). Connecticut plans to support and facilitate the evolution of primary care practices towards models of organization and practice consistent with the advanced medical home (AMH) model as described in the SIM. The AMH is a team based health care delivery model led by a physician or nurse practitioner that provides comprehensive and continuous medical care to patients with the goal of obtaining maximized health outcomes. One of the essential components of the AMH model is care coordination, which requires additional infrastructure and resources such as health information technology and appropriately trained staff to provide coordinated care through teams.

To provide a baseline assessment of the State's physician workforce and inform the State's efforts to transform the care delivery system, UConn Health and the Yale School of Public Health partnered to conduct a statewide survey of primary care physicians and physicians in selected specialties to assess readiness for change. This report presents results of a survey assessing physician perspectives on care delivery reform and the readiness of the State's physicians and health care organizations to develop ways of delivering care that are consistent with the AMH model. The topics addressed in the survey included:

- Amount of primary care currently provided and any anticipated changes in the relative amount of primary care provided;
- Access to, and use of, different aspects of health information technology, such as an Electronic Health Record and patient/disease registries;
- Physicians' or their practices' ability to provide comprehensive medical care for a population of patients;
- Availability and/or use of a formal care coordinator and/or ability to coordinate care, and to attract staff to help address complex care needs;
- Ownership and organization of practices and affiliations with larger care systems/ organizations such as networks, Independent Practice Associations (IPAs), or Accountable Care Organizations (ACOs), as well as anticipated new affiliations or arrangements;
- Physicians 'attitude and concerns regarding care coordination and medical home or advanced primary care principles;
- Physicians 'attitudes and concerns regarding larger coordinating entities such as clinically integrated health systems or ACOs;
- The types of support and resources that physicians would be interested in to help them change the way they provide primary care services to complex patients;
- Ways of addressing cultural and linguistic issues;
- Willingness to accept new patients and patients with different types of insurance (e.g., Medicaid, Medicare).

Methods

Approach

To develop the sampling strategy and design the survey instrument, the study team at UConn Health and Yale reviewed the literature describing factors that facilitate or inhibit the adoption of AMH models. This included a review of questions in other surveys that could be used to assess readiness for system transformation. UConn Health and Yale also convened a Technical Advisory Panel (TAP) with participants approved by the Director of Healthcare Innovation, to advise the study team about the issues that should be measured.

Following a formal request for proposals, the Center for Survey Research (CSR) at University of Massachusetts—Boston was selected as the data collection contractor.

Sample

The State Comptroller's Office provided a sample of Connecticut physicians in selected specialties actively practicing in the State, and indicated whether they were affiliated with one of the State's 17 advanced networks in which physicians bore some degree of financial risk for a portion of the patient care they provided (e.g., shared savings programs, ACOs). This sample was then matched with a list of member physicians from the Connecticut State Medical Society to obtain preferred mailing addresses and phone numbers. Physician records were matched using the Pi algorithm developed by UConn Health's Center for Public Health and Health Policy and the UConn Department of Computer Science and Engineering. The sample included physicians in the following specialties, which were chosen based on their role in managing patients with chronic disease:

- Cardiology
- Endocrinology
- Gastroenterology
- OB/GYN
- Pulmonology
- Family Medicine/Internal Medicine
- General Pediatrics

For physicians in General Pediatrics and Family Medicine/Internal Medicine, a code was attached to the file indicating whether they were attributed to one of the State's 17 advanced networks.

After cleaning the file and removing duplicates, there were 3405 unique cases. From specialties which had a greater number of physicians than was needed, CSR randomly selected physicians to create a mailing sample that we expected would yield a targeted number of completed surveys. In the other cases, surveys were mailed to all available specialists.

| Table 1. Mailing Sample | | |
|---|-----------------|------------------------|
| | Original Sample | Sample To Be Mailed |
| Family Medicine/ Internal Medicine - ATTRIBUTED | 652 | 624 |
| Family Medicine/ Internal Medicine - NOT ATTRIBUTED | 576 | 576 |
| General Pediatrics – ATTRIBUTED | 333 | 300 |
| General Pediatrics – NOT ATTRIBUTED | 337 | 300 |
| Cardiology | 459 | 386 |
| OB/GYN | 419 | 385 |
| Endocrinology | 145 | 145 |
| Gastroenterology | 280 | 280 |
| Pulmonology | 204 | 204 |
| TOTAL | 3,405 | 3,200 |

Data Collection

The survey was administered by mail with telephone reminders. The mailing took place on November 24-25, 2014. Each sampled person was sent a packet that included: an invitation letter, a questionnaire, a postage-paid return envelope, and a five dollar incentive.

Starting on December 9 (two weeks after the initial mailing), those who had not yet returned a survey (n=2,688) were called by CSR's specially trained professional telephone interviewers. The goal of the calls was to make sure that the original mailing was received and to ask them to complete and mail in the survey as soon as possible. This task was complicated by the fact that, unlike a household study, the same phone number could be used by several doctors in the same office. We separated the non-responders into two groups – singles (n=961) where there was only one doctor associated with a phone number and multiples (n=1,727) where two or more doctors had the same phone number. For the multiples, the interviewer who called had a list of all the doctors at that phone number who had not responded, so that one call could be made to that number (instead of numerous calls asking for each doctor individually). Other times, the interviewer was transferred to each physician's voicemail. We were also able to verify eligibility on this call. At least two calls were made to each number. Reminder calls were conducted from December 9-22, 2014 and resumed January 2-7, 2015 following the holidays.

Throughout the course of the study, packets were remailed to 339 participants. This number included those who requested a remail when we called them and those whose surveys were returned by the post office as a bad address and we were able to find a new address. Because of the short field period, we did not resend any surveys after January 5, 2015.

A total of 1,081 physicians completed the survey. The overall (adjusted) response rate was 39%.

In order to be eligible for the study, a respondent had to be a physician who was currently practicing in Connecticut and providing care in ambulatory settings. Retired physicians still seeing patients in ambulatory settings were eligible.

After the field period had started, some sampled individuals were found to be ineligible to participate. This included those who were not physicians (such as NPs and PAs), those physicians who did not see patients (such as diagnostic radiologists or those who retired), and those who did not see ambulatory patients (including hospitalists or others who treated only inpatients). A complete list of the reasons for ineligibility can be found in Table 3.

Almost 11% of the sample (n=346) had a bad address listed on the file (Table 2). UCHC took a sample of 40 of those with bad addresses. They were able to confirm that only 67 percent of them were still practicing physicians in Connecticut. It was then decided that for computing the response rate, we would count 67 percent of the bad address cases as eligible and the other 34 percent as ineligible.

Table 2. Sample Distribution

| | | | | Eligible | | | | |
|---------------------------------------|-----------------|-----------------|---------|----------------|------------------|----------------------|----------------------|-----------------------|
| | Total Mailed | Not Eligible | Refusal | Bad Address | Not Completed | Completed Surveys | Response Rate– 1* | Response Rate– 2** |
| Cardiology | 386 | 35 | 16 | 25 | 172 | 138 | 39.3% | 40.3% |
| Endocrinology | 145 | 17 | 3 | 19 | 68 | 38 | 29.7% | 31.2% |
| Gastroenterology | 280 | 23 | 2 | 12 | 154 | 89 | 34.6% | 35.2% |
| OB/GYN | 385 | 20 | 5 | 36 | 181 | 143 | 39.2% | 40.5% |
| Pulmonology | 204 | 7 | 5 | 22 | 95 | 75 | 38.1% | 39.6% |
| Family Medicine/ Internal Medicine | 1,200 | 166 | 16 | 173 | 496 | 349 | 33.8% | 35.8% |
| General Pediatrics | 600 | 27 | 2 | 59 | 262 | 250 | 43.6% | 45.2% |

^{*} Response Rate 1 = Complete/ (Total Sample minus Not Eligible)

^{**} Response Rate 2 = Complete/ (Total Sample minus Not Eligible minus 33.5% of Bad Addresses)

| Table 2a. | Sample Distribution – Attributed/Not Attributed |
|------------|--|
| I abio za. | Campio Bioti Battori / ttt Battori / ttt Battori |

| | | | | Eligible | | | | |
|----------------------|-----------------|---------------------|---------|----------------|------------------|----------------------|-----------------------|------------------------|
| | Total Mailed | Not Eligible | Refusal | Bad Address | Not Completed | Completed Surveys | Response Rate – 1* | Response Rate – 2** |
| Family Medicine/Inte | ernal Med | dicine ¹ | | | | | | |
| Attributed | 624 | 84 | 8 | 83 | 256 | 193 | 35.7% | 37.7% |
| NOT Attributed | 576 | 82 | 8 | 90 | 242 | 154 | 31.2% | 33.2% |
| General Pediatrics | | | | | - | | | |
| Attributed | 300 | 9 | 1 | 29 | 131 | 130 | 44.7% | 46.2% |
| NOT Attributed | 300 | 18 | 1 | 30 | 131 | 120 | 42.6% | 44.1% |
| TOTAL | 1,800 | 192 | 18 | 232 | 760 | 597 | 37.1% | 39.0% |

¹ Two Family Medicine/Internal Medicine respondents removed their ID number before sending their survey in, so we do not know if they are attributed or not.

^{*} Response Rate 1 = Complete/(Total Sample minus Not Eligible)

^{**} Response Rate 2 = Complete/(Total Sample minus Not Eligible minus 33.5% of Bad Addresses)

| Table 3: Non-eligible Sample | | |
|--|-------|-------|
| | | Count |
| Not an MD ^a | | 53 |
| No longer in Connecticut | | 71 |
| Doesn't see outpatient/ ambulatory patients ^b | | 84 |
| Retired/No longer seeing patients | | 74 |
| Doesn't see patients – still in medical field ^c | | 8 |
| In another field/industry ^d | | 5 |
| | TOTAL | 295 |

^a Includes: APRN, NP,LCSW, Dietician, PA

Survey Instrument

The complete survey instrument is included as Appendix A.

Background

The study team's review of available surveys with questions that could be used to assess readiness for system transformation identified a number of resources, including:

- National Survey of Physician Organizations 3¹
- Connecticut State Medical Society Health Disparities Survey 2009²
- Massachusetts Medical Society Annual Member Survey 2003
- UCHC Health Information Exchange Survey³
- Maslach Burnout Inventory (MBI)⁴
- Readiness for the Patient-Centered Medical Home (Friedberg et al., 2008)⁵
- 2007 Massachusetts Survey of Physicians and Computer Technology⁶

In addition to these questions from existing surveys, new questions were drafted and pilot tested

^b Includes: Hospitalists, Hospice, sees only inpatients

^c Includes: Administration, Medical Directors, Diagnostic Radiologists

d Includes: Research, Insurance, Pharmaceutical

¹ http://nspo.berkeley.edu/Instruments.htm

² Aseltine RH Jr1, Katz MC, Holmes C. Providing medical care to diverse populations: findings from a follow-up survey of Connecticut physicians. *Conn Med*. 2011 Jun-Jul;75(6):337-44.

³ http://www.ct.gov/hitect/lib/hitect/HITE-CT Physician Survey Final Report 2014.pdf

^{4 &}lt;a href="http://www.mindgarden.com/products/mbi.htm">http://www.mindgarden.com/products/mbi.htm

⁵ Friedberg MW, Safran DG, Coltin KL, Dresser M, Schneider EC. Readiness for the Patient-Centered Medical Home: structural capabilities of Massachusetts primary care practices [published online ahead of print December 3, 2008]. *J Gen Intern Med.* 2009;24(2):162-169

⁶ Simon SR, Kaushal R, Cleary PD, et al. Physicians and electronic health records: a statewide survey. *Arch Intern Med* 2007 Mar 12;167(5):507-12.

using the procedures outlined below.

Cognitive Interviews

The final questionnaire was tested and refined through cognitive testing.

CSR conducted six telephone cognitive interviews and received input on the survey via email from an additional person. The overarching goal of cognitive interviews is to improve the questions proposed for the surveys. Specifically, cognitive interviews allow us to: learn about participants' comprehension of candidate survey items; identify any unclear concepts, questions, or terms; and learn how to make the questionnaire flow more smoothly for the respondent. Cognitive interview respondents were sent \$50 at the end of the interview in appreciation of their time.

Interviewers used a semi-structured protocol designed to understand how respondents understood questions and went about answering them. The protocol was for the interviewer to send the survey to the respondent through email, have them fill it out, and then call and discuss the interview and interview process. The interviewers obtained the answers to the questions then proceeded to the cognitive probes. Interviews were audio-taped, with respondent permission. Interviewers then could use the tape recording to help with their answers and observations after the interview had been completed. Interviewers were debriefed by investigators at CSR and changes to the instrument were made based on the cognitive testing results.

The sample for the cognitive interview was obtained from the Connecticut State Medical Society. The list had email contact information for 15 physicians. Invitation emails were sent from CSR to 12 physicians. Eight responded and six were able to schedule interviews during the cognitive field period. One of the two who couldn't complete an interview reviewed the instrument and emailed CSR comments. Cognitive respondents were physicians in the following fields: General Pediatrics, Cardiology, Radiology, Dermatology, Internal Medicine (comments only) and Gastroenterology (two respondents.)

Data Analysis

The total sample of 1,082 respondents was limited to those physicians who endorsed one of the targeted specialties: Internal Medicine, Family Medicine, General Pediatrics, and Cardiology, Endocrinology, OB/GYN, and Pulmonology. Thirty-eight respondents reported that their primary area of practice was some other specialty and were eliminated from the sample. In addition, six physicians skipped this question and were also eliminated, resulting in a final sample size of 1,038 for analysis.

Weighted percentages and confidence intervals were calculated in SAS version 9.3 for the total sample and by the following four physician and practice characteristics: (1) physician specialty (Family Medicine, Internal Medicine, General Pediatrics, specialist); (2) practice size (number of physicians in the practice: small (1-5), medium (6-19), and large (20 or more)); (3) years since graduating from medical school: less than 10, 10-19, 20-29, and 30 or more; and (4) practice ownership (whether the respondent was a partner, owner or shareholder in the practice). Weights were calculated so that the distribution reflected the distribution of general practitioners (internists, family physicians and pediatricians) and specialists in Connecticut. The distribution of the specialties was obtained from the American Medical Association (AMA) Masterfile (2012) with a 34% downward adjustment based on the National Ambulatory Medical Care Survey (NAMCS). This NAMCS adjustment was applied because the Masterfile has been documented to over-identify the non-federal, office-based generalist physicians. These data were found in the Area Health Resource file 2013-

2014 AHRF Access System (http://ahrf.hrsa.gov/download.htm). Endocrinology was not included among the specialists, so the number of endocrinologists identified by the CMA for the target sample was used. Population and sample numbers and proportions are presented in Table 4.

| Table 4. Population and Sample Numbers by Specialty | | | | | | | |
|---|--------------------------------------|------------------------|----------------------|--------------------|--|--------------------------------------|--------|
| | Population Sample | | | | | | |
| Specialty | Number (from AMA and NAMCS) | Total within specialty | Percent of specialty | Number returned | Total returned within specialty | Percent of returned within specialty | Weight |
| Family Medicine | 427.02 | 3367.98 | 12.68 | 110 | 575 | 19.13 | 0.66 |
| Internal Medicine | 2123.22 | 3367.98 | 63.04 | 244 | 575 | 42.43 | 1.49 |
| General Pediatrics | 817.74 | 3367.98 | 24.28 | 221 | 575 | 38.43 | 0.63 |
| OB/GYN | 512.16 | 1165.66 | 43.94 | 136 | 463 | 29.37 | 1.50 |
| Pulmonology | 131.34 | 1165.66 | 11.27 | 71 | 463 | 15.33 | 0.73 |
| Gastroenterology | 163.02 | 1165.66 | 13.99 | 83 | 463 | 17.93 | 0.78 |
| Endocrinology | 109.00 | 1165.66 | 9.35 | 42 | 463 | 9.07 | 1.03 |
| Cardiology | 250.14 | 1165.66 | 21.46 | 131 | 463 | 28.29 | 0.76 |

Results

Summary results are presented below. Detailed tables containing responses to all survey items can be found in Appendix B (Tables Q1-Q57).

Physician Demographics and Practice Profile

The sample was predominantly male (63%) (Table Q50) and Caucasian (79%). Eleven percent of participants were Asian, 3% as Black or African American and 3% as Hispanic or Latino (Table Q52 & Q53). Forty-four percent of the sample were specialists, one third internists (36%), 14% pediatricians, and 6% family physicians (Table Q1). Gender differences by primary area of practice were observed: 71% of internists medicine were men while 60% of pediatricians were women (Table Q50).

The vast majority of physicians (70%) graduated from medical school twenty or more years ago (Table Q51). Nearly 40% of the physicians graduated from medical school more than thirty years ago (before 1985) whereas 6% graduated in the last ten years (2005-2014). Notably, women comprised 79% of physicians who graduated in the last ten years and 55% of physicians who graduated between 1995-2004.

More than half (54%) of physicians were a partner, owner or shareholder in the practice where they worked (Table Q13). Ownership was more commonly reported for pediatricians (64%) than family physicians (46%) or internists (50%). Physicians in smaller practices were more likely to be owners (623%) than physicians in medium-size practices (52%) or large practices (39%). Also, physicians graduating from medical school in the last ten years were less likely to be owners (26%) than physicians who graduated ten or more years ago.

The vast majority of responding physicians practiced in Hartford (26%), New Haven (27%), and Fairfield (23%) counties (Table Q11). These counties are Connecticut's most populated, accounting for 75% of the population (2012 census estimate).⁷ A smaller proportion of physicians indicated working in the less populated counties of New London (7%), Litchfield (4%), Middlesex (3%), Windham (3%) and Tolland (2%) counties.

In a typical week, more than two-thirds (68%) of the sample worked in one outpatient office, 19% worked in two offices and 9% worked in three or more offices (Table Q10). The hours spent providing direct patient care ranged from less than twenty hours to more than forty hours (Table Q2). More than half (52%) of physicians reported providing 21-40 hours of direct care, 33% reported providing more than 40 hours and 14% reported providing less than twenty hours. Specialists were more likely to provide 40 or more hours of direct care per week, compared to family physicians and pediatricians. Physicians also indicated the percentage of their direct patient care time spent providing primary care to patients (Table Q3). At least half family physicians (70%), internists (56%) and pediatricians (69%) reported spending all of their direct patient care time on primary care with patients. This compares to just 6% of specialists.

The number of patients seen weekly on an inpatient and outpatient basis varied substantially (Table Q5). More than one out of four (27%) physicians saw 100 or more patients per week. Pediatricians tended to report larger numbers of patients seen per week, and physicians in large practices were more likely to see 50 or fewer patients per week.

Practice Characteristics

The most common practice sites (on the most recent day of direct care) (Table Q12) were freestanding physician's office (70%) and hospitals (14%). Another 5% of physicians delivered care in a community health center, 2% worked in a combination of settings, 2% in a walk-in clinic/urgent care/retail clinic and 4% in other settings.

Practice Type. The majority of physicians' main practice type was a single specialty partnership/practice (47%) or multispecialty partnership/practice (31%) (Table Q15). Another 15% worked primarily in solo practices. The main practice environment was more likely to be multispecialty and less likely to be single specialty for large practices compared to medium and small practices. A greater proportion of pediatricians (63%) and specialists (53%) worked in single specialty practices than family physicians (42%) and internist (33%).

Staffing. Physicians were asked how many physicians, including themselves (Table Q16), nurse practitioners (Table Q17) and physician assistants (Table Q18) were in the practice group. About half of physicians had practice groups with a total of 1-5 physicians (small practice). Another 29% had practice groups of 6-19 physicians (medium practice) and 15% had practice groups of 20 or more physicians (large practice). Physician group size was associated with whether the physician worked in a practice with nurse practitioners and physician assistants. Of physicians in small physician groups, about 40% of physicians worked with nurse practitioner(s) and about 20% worked with physician assistant(s). Of physicians in medium-size physician groups, 64% worked with nurse practitioner(s) and 30% worked with physician assistant(s).

Practice Capacity, Insurance and Payment. Almost 90% of physicians said that they are currently accepting new patients (Table Q6). Pediatricians (88%) and specialists (93%) were more likely to say they are accepting new patients than family physicians (74%) and internists (77%).

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⁷ http://www.ct.gov/sots/cwp/view.asp?a=3188&g=392392

Accepting New Patients for Medicare and Medicaid, Husky Health, or CHIP. Physicians were also asked specifically if they are currently accepting new patients who are insured through Medicare fee for service, Medicare Advantage and Husky Health, Medicaid or CHIP. Overall, 77% of physicians reported accepting new patients insured through Medicare (Table Q7) and 73% reported accepting new patients insured through Husky Health, Medicaid or CHIP (Table Q8). For both of the government subsidized health programs a greater proportion of physicians who were owners of practices said they were not accepting new patients. For Medicare, 24% of owners compared to 11% of non-owners are not accepting new patients. For Husky Health, Medicaid or CHIP, 32% of owners compared to 14% of non-owners are not accepting new patients. Internists (59%) were less likely to accept Husky Health, Medicaid or CHIP than family physicians (71%), pediatricians (86%) or specialists (79%).

Participation as an in-plan provider. Overall, 8% of physicians reported being denied participation with or dropped by a payer as an in-plan provider within the last 12 months (Table Q9). This differed by specialty, with pediatricians less likely (< 1%) to report being denied or dropped as an in-plan provider. Medium-sized practices (5%) were less likely to have lost in-plan status than large practices (13%).

Participation in Shared Savings Program or Accountable Care Organization (ACO). Practice participation in a shared savings program or ACO was reported by 36% of physicians (Table Q14). Family physicians (58%) were more likely than other generalists and specialists to work in a practice that participates in a shared savings program or ACO.

Care Delivery

Hospital Discharge Coordination. A majority of physicians (53%) responded that their practice has a program to coordinate with the primary care physician or specialist after a hospital discharge (Table Q19). A greater proportion of physicians in large groups (68%) reported hospital discharge coordination at their practice than in medium (50%) or small groups (53%). Specialists were less likely to be in a practice with a hospital discharge coordination program (42%) than family physicians (70%) and internists (63%).

Primary Care Teams. Only 13% of physicians indicated that their practice used primary care teams (Table Q20). Use of primary care teams was reported by fewer specialists (9%), compared to family physicians (25%) and internists (17%). Physicians in practices with primary care teams were asked to identify the types of medical professionals that comprised the team (Table Q21). The most common responses were nurse care manager (31%), care coordinator (30%), dietician/nutritionist (16%) and behavioral health specialist (14%). However, family physicians almost universally reported the inclusion of community health workers and health educators and 73% of pediatricians reported participation of pharmacists and patient navigators.

Open Access Scheduling. Overall, 49% of physicians were in practices using open access scheduling (Table Q22). Family physicians (62%) and pediatricians (75%) worked in practices where open access scheduling was more common than the average. Open access scheduling was less common among specialists (32%).

Group visits. The vast majority of physicians (89%) reported that their practice does not use group visits (Table Q23).

Evidence-based Practice

Overall, less than half of physicians (44%) reported that their practices currently receive information that enables them or their teams to address gaps in care (Table Q25). Specialists were much less likely

to report receiving such information (29%) than were family physicians (62%), internists (57%), or pediatricians (46%).

Half of physicians (50%) reported getting guideline-based reminders prompting them about services that patients should receive during a visit (Table Q26). Specialists were less likely to report receiving such information (43%) than were internists (58%) or family physicians (62%).

Quality Improvement

Fifty-six percent of physicians overall reported receiving feedback about the quality of care they provide (Table Q27). Physicians in large practices were more likely (74%) to report receiving such feedback than physicians in small or medium-sized practices (53%). Among physicians who reported receiving feedback, 48% reported receiving feedback for no more than a quarter of their patients, and only 8% reported receiving feedback for 100% of patients (Table Q28). Overall 48% reported receiving feedback from health plans, 47% from their practice group and 15% from an ACO (Table Q29.)

Slightly less than half of the sample reported getting results of patient experience surveys in the last 12 months (46%) (Table30). Family physicians were more likely to report having received survey results (61%) than pediatricians (38%) or specialists (43%). Those in larger practices (72%) were substantially more likely to have received results from patient experience surveys than were small (36%) and medium-sized (48%) practices. Additionally, practice owners were less likely (38%) than non-owners (55%) to have received such results.

Of those who reported receiving results of patient experience surveys, more than two thirds (69%) reported that they received them from their practice group (Table Q31).

Physician Satisfaction and Career Plans

Hours of Patient Care. More than half of physicians (54 %) estimated that the number of hours spent providing direct patient care would stay the same in the next three years, with the remainder evenly split between increasing and decreasing their hours of patient care (Table Q4). Older physicians who graduated from medical school thirty or more years ago were most likely to anticipate a decrease in hours spent (35%), whereas less than 14% of the physicians who graduated more recently anticipated a decrease.

Leaving Clinical Practice. In the last 12 months, 18% of physicians considered leaving clinical practice on at least a weekly basis while 43% of physicians had never considered leaving practice in the past year (Table Q54). Physicians who graduated thirty or more years ago were more much likely to consider leaving clinical practice than those who graduated in the past ten years.

Reducing Panel Size. Fourteen percent of physicians in the sample had considered reducing their panel size on at least a weekly basis in the last 12 months while 56% had never considered reducing panel size (Table Q55).

Feeling Burned Out. Over 80% of physicians reported feeling burned out sometime in the last 12 months and a majority reported feeling burned out at least a few times a month (Table Q56). Physicians who graduated more than thirty years ago were about twice as likely to report never feeling burned out (23%) compared to those in mid-career (10-29 years since graduation).

Feeling More Callous Toward People. Physicians were also asked (Table Q57), how often do you feel that you are more callous toward people now than you were before you became a doctor? A majority reported feeling more callous at least sometimes, and roughly 40% reported never feeling more callous.

Physicians who graduated more than thirty years ago were most likely to report never feeling more callous (49%) compared to those who graduated more recently.

Health Information Technology and Physician Perspectives

EHR systems. Overall, 82% of physicians reported that their main practice site had an EHR system. Physicians in medium and large practices were more likely to report having EHR systems (over 92%) compared to those in small practices (71%) (Table Q32). Additionally, physicians who graduated from medical school most recently were more likely to have EHR systems (92%). The most commonly used EHR systems were Allscripts (21%), Epic (18%), NextGen (13%) and eClinicalWorks (8%) (Table Q33). Less than a quarter of physicians reported that they had used their EHR system to generate a list of patients by diagnosis (23%) or a list of patients by laboratory results (13%) in the last 12 months. 70% of physicians responded that the EHR system at their main practice site allows patients access to their own health records.

Opinions related to the effects of an EHR system on the quality and efficiency of care are presented in Figure 1 below and Tables Q39a-39f. A majority of physicians in the overall sample felt that an EHR system has a "somewhat" or "very" positive effect on medication errors (71%) and the quality of health care (51%). EHR systems were felt to have the least positive effects upon patient privacy. Forty-seven percent of the overall sample felt that an EHR had a "somewhat" or "very" negative effect on the efficiency of care, and 48% believed that an EHR had a "somewhat" or "very" negative effect on physician-patient communication.

■ Very Positive Effect ■ Somewhat Positive Effect ■ No Effect ■ Somewhat Negative Effect ■ Very Negative Effect ■ Missing 39f Medication errors 20% 52% 18% 39e 9% 29% 12% 20% Care efficiency 27% 39d 6% Patient privacy 17% 45% 22% 7% **Doctor/Patient Communication quality** 26% 18% 31% 17% 399 Health care quality 22% 39a Reducing care costs 21% 40% 21% 0% 20% 40% 60% 80% 100%

Figure 1. What kind of effect do you think an EHR system has on each of the following outcomes?

Physician Perspectives on Patient-Centered Medical Home Implementation (PCMH)

Twenty-two percent of responding physicians reported working in a practice designated as a PCMH (Table Q42). Responses varied by primary area of practice. Family physicians (60%) were more likely to practice in a PCMH than were pediatricians (39%), internists (29%), and specialists (6%). Most physicians employed in a PCMH (73%) worked in small or medium-sized practices.

Physician Familiarity with PCMH. The majority of physicians (84%) indicated at least some familiarity with the concept of a PCMH (Table Q40), with almost a quarter reporting that they were very familiar with the concept. Family physicians (52%) and pediatricians (44%) were most likely to report being very familiar. Conversely, over 55% of specialists reported little or no familiarity.

Physician Perspectives about PCMH. Overall, 35% of physicians believed that the quality of care for patients in a PCMH was "a lot" or "a little" better than traditional approaches, and just 3% responded that it was "a lot" or "a little" worse (Table Q41a). The proportion of physicians suggesting improved quality of care for patients varied by practice area, ranging from 25% of specialists to 55% of family physicians. More than one-third of physicians responded "don't know" to each question related to their perspectives on providing care in a PCMH compared to traditional care settings.

About a third of physicians (32%) believed that the quality of the patient experience was "a lot" or "a little" better in a PCMH, with just 4% believing that it was worse (Table Q41b). The proportion of physicians suggesting improved patient care experiences varied by practice area, ranging from 25% of specialists to 41% of family physicians. Opinions on the ease of providing clinical care in a PCMH were mixed. Overall, 21% of physicians believed that the ease of providing clinical care is "a lot" or "a little" better in a PCMH; however 17% reported that it is "a lot" or "a little" worse (Table Q41c). Family physicians were more likely than other generalists to say that providing clinical care in a PCMH compared to traditional approaches was more difficult. Notably, over 50% of specialists responded "don't know" to this question.

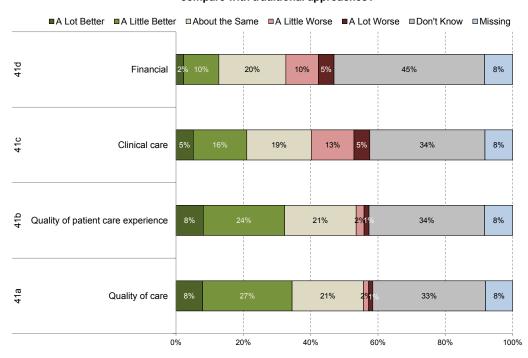


Figure 2. How does primary care medical home (PCMH) compare with traditional approaches?

Physician perspectives on the financial situation of a PCMH were also mixed. Overall, about the same proportion of physicians believed that the financial situation of a PCMH was "a lot" or "a little" better (13%) as believed that it was "a lot" or "a little" worse (14%) (Table Q41d). A substantial proportion, particularly among specialists, responded "don't know."

Three additional questions were asked of physicians who indicated they did not practice in a designated PCMH. Overall 50% of such physicians thought that establishing a PCMH would be either "very" or "somewhat challenging" (Table Q43). Nearly half of specialists responded "don't know" (47%) to this question. Forty-two percent of physicians said that their practice would be "somewhat" or "very" likely to use state-funded support programs, if available, to help develop a PCMH (Table Q45). Finally, 10% of physicians reported that their practice was currently in the process of obtaining PCMH designation (Table Q44.) Large practices of 20 or more physicians were more likely (28%) to be in the process of obtaining PCMH designation than were medium (8%)or small practices (7%.)

Cultural Competency

Most physicians reported "very little" (42%) or "some" (48%) formal training in how to improve communication with patients from diverse ethnic or cultural backgrounds (Table Q46). Younger physicians (72%) were more likely to have received "some" or "a lot" of training than were older physicians.

Twenty-five percent of physicians reported having communication difficulties with 10% or more of their patients in the last 12 months (Table Q47). When having difficulty communicating with patients due to language barriers, 40% of physicians reported that at least "sometimes" they tried to work through the encounter despite the language barrier (Table Q48d). A majority (73%) of physicians reported asking the patient's family member or friend to interpret either "sometimes," "usually," or "always." Fifty-two percent reported using a member of the clinical or office staff as an interpreter at least "sometimes," and a third of physicians reported using a paid interpreter or interpreting service or phone line at least some of the time. Physicians in smaller practices were more likely to report that they never (56%) used a paid interpreter, interpreting service, or phone line than those in medium-sized or larger practices (30% and 33%, respectively).

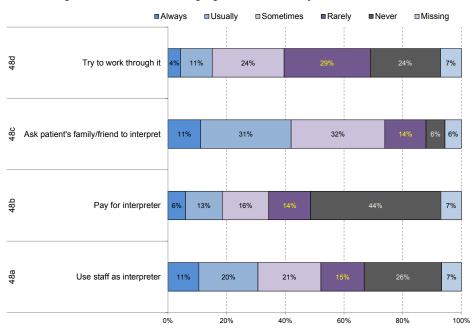


Figure 3. When faced with language barriers, how did you handle the situation?

Physician Reports of Professional Challenges

Challenges with variation in Insurance policies. More than half of physicians (55%) reported that a lack of uniformity in forms and procedures across insurers was "very challenging," with only 2% reporting that this was "not at all challenging" (Table Q49a). Most physicians also reported that varying policies across insurance plans for prior authorizations were "very challenging" (64%) (Table Q49b).

Challenges with Patient Behavioral Health Care. Half of physicians (50%) reported that recognizing behavioral health problems in their patients was "somewhat" or "very challenging" (Table 49d). In addition, almost half of physicians (47%) reported that referring their patients for behavioral health treatment was "very challenging" while only 3% reported that this was "not challenging at all" (Table 49e). Specialists were less likely to find referring their patients for behavioral health treatment to be "very challenging" (39%) compared to generalists. Overall, 80% of physicians also reported that finding appropriate treatment for behavioral health problems in their patients was "somewhat" or "very challenging" (Table 49f). Pediatricians were more likely than physicians in other specialty areas to report that providing appropriate treatment for behavioral health problems in their patients was "very challenging."

Other Challenges. Physicians were also questioned about challenges in other professional areas. Overall 61% reported that incorporating pay-for-performance programs into their practice was "somewhat" or "very challenging" whereas 5% reported that this was "not at all challenging" (Table 49h). About 2/3 of physicians reported that using computers, EHR systems, and other information technology was "somewhat" or "very challenging" (63%), whereas 9% reported it to be "not challenging at all" (Table Q49i). Physicians who graduated from medical school less than 10 years ago were less likely to find these technologies to be "very challenging" (1%) compared to older physicians (10-19 years (17%), 20-29 years (25%), 30 or more years-(26%). In contrast, physicians reported that referring patients to specialists, keeping current in their field, and staying current in their area of practice were less of a challenge.

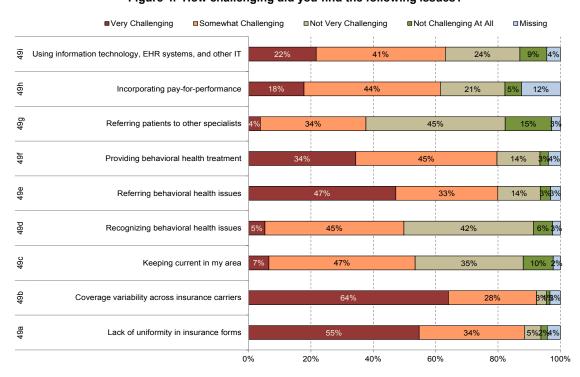


Figure 4. How challenging did you find the following issues?

Conclusions

The survey described herein provides useful information about the practice environment in Connecticut and the challenges that the State will face as it prepares to support the development of practice models consistent with the Advanced Medical Home.

Although reports from insurers and self-funded payers indicate that physicians in CT are rapidly affiliating with advanced networks, only 36% are currently involved with either shared savings programs or ACOs and only 22% are in practices designated as PCMHs. Survey responses provided some reason for optimism concerning PCMH adoption, as physicians generally had favorable opinions regarding the quality of care provided and the quality of patient experiences in PCMHs, and 42% said that they would be likely to use state funded support in order to develop a PCMH. However, this optimism must be tempered by findings indicating that 50% of respondents reported that obtaining PCMH designation would be very or somewhat challenging, and that the physicians in CT tend to practice in small and solo practice environments that are much less likely to be in the process of obtaining PCMH designation than those in larger practices.

In recent years, Electronic Health Records (EHRs) have been rapidly adopted and more than 80% of respondents now have an EHR. About half of the respondents received information about quality of care and/or feedback on patient experiences, but less than half received information about gaps in care, used an open access system, or used group visits. The majority of physicians were somewhat or very familiar with the concept of the patient-centered medical homes (PCMH), but very few thought providing care in a PCMH resulted in care that was of higher quality, easier, or better financially.

Many of the questions reveal a feeling that it is currently difficult to provide care. Although many respondents think that EHRs can help reduce medication errors and help improve the quality of care, there is a widespread feeling that they have had a negative impact on the efficiency of providing care. More than 80% of respondents said that the lack of uniformity of procedures and variations in policies across insurance plans are very or somewhat challenging. In a separate question, over 80% of physicians reported feeling burned out at least a few times a month.

Yale school of public health

Answer all the questions by checking the box next to your answer.



A SURVEY OF

INSTRUCTIONS:

PHYSICIAN PERSPECTIVES ON CARE DELIVERY REFORM

| You are sometimes told to skip over some questions in this survey. Yarrow with a note that tells you what question to answer next, like the | 11 7 |
|---|------------------------------------|
| | |
| □ No | |
| Your participation is voluntary. You may choose to answer the surquestion you would rather not answer, feel free to skip it and go on to | • |
| Your answers are confidential. No information will be presented permit identification of any individual. | or published in any way that would |
| What to do when you're done. Once you complete the survey, pleat envelope provided to the Center for Survey Research at 100 Morriss | |
| | |
| | |
| Practice Characteristic | 28 |
| | |
| 1. What is your primary area of practice? | |
| ☐ Family Medicine | |
| ☐ General Internal Medicine | |
| ☐ General Pediatrics | |
| ☐ General Practice☐ OB-GYN | |
| ☐ Medical Subspecialty → Please specify: | |
| □ Medical Subspecialty 7 Fease specify. | |
| ☐ Pediatric Subspecialty → Please specify: | |
| ☐ Other → Please specify: | |
| | |
| 2. For these next questions, you may not know the exact numbers, typical week, about how many hours do you spend providing did | |
| | N |
| # hours per week | Combinue to Curation #2 |
| | Continue to Question #3 on page 2 |

| 3. In a typical week, about what patient care time is spentiments of time providing % of time providing | ent providing | In a typical week, in how many different outpatient offices do you see patients? ☐ One ☐ Two ☐ Three or more |
|---|-----------------------|--|
| 4. Over the next three years do you number of hours you spend propatient care to increase, decrease, the same? | oviding direct | For the next two questions, think about the most recent day you provided direct care to ambulatory patients. What is the zip code of the practice site where you provided care? |
| ☐ Increase☐ Decrease | | Write in zip code |
| \square Stay the same | 12. | How would you describe that practice site? |
| 5. In a typical week, about how respectively both inpatient and outpatient? # patients per week | | □ Freestanding Physician's Office □ Hospital □ Community Health Center □ Walk-in Clinic/Urgent Care Center/ Retail Clinic □ Other → Please specify: |
| 6. Are you currently accepting no | ew patients? | |
| ☐ Yes ☐ No → If No, go to #9 | | About Your Practice |
| 7. Are you currently accepting no who are insured through Medi (Include both fee for service (Include Advantage.) | ew patients care | Now think about your whole practice. Are you a partner, owner, or shareholder in your practice? ☐ Yes ☐ No |
| □ Yes □ No | 14. | Does your practice participate in a Shared Savings Program or Accountable Care Organization (ACO)? |
| 8. Are you currently accepting no who are insured through HUS Medicaid, or CHIP? | | □ Yes □ No |
| □ Yes □ No | 15. | How would you best characterize your main practice? <i>Please check only one</i> . |
| 9. In the last 12 months, have you participation with or been drop as an in-plan provider?☐ Yes☐ No | | □ Solo practice □ Single specialty partnership or practice □ Multispecialty partnership or practice (including staff or group models) □ Other → Please specify: |

| 16. Including yourself, how many physicians are in your practice group? Write in # of physicians | 22. "Open access" (also known as advanced access and same-day scheduling) is a method of scheduling in which all patients can receive an appointment slot on the day they call. Does your practice use open access scheduling? |
|---|---|
| 17. How many nurse practitioners are in your practice group? | □ Yes □ No |
| Write in # of nurse practitioners | |
| 18. How many physician assistants are in your practice group? Write in # of physician assistants | 23. "Group visits" are when multiple patients with common conditions meet together with a trained clinician to obtain routine medical care and to address educational and psychosocial concerns. Does your practice use group visits? |
| 19. Think about when a patient is discharged from a hospital. Does your practice have a program that coordinates with the patient's primary care physician or specialist after hospital discharge? ☐ Yes | ☐ Yes ☐ No 24. The next series of questions asks about information or support you get from your medical group, practice, or an IPA, PHO, or |
| □ No | health plan that you are affiliated with. |
| 20. "Primary care teams" are groups of physicians and other staff who meet with each other regularly to discuss the care of a defined group of patients. Does your practice use primary care teams? Yes | Does your practice currently receive information that stratifies patients by level of health risk to enable you or your team to coordinate their care? Yes No |
| \square No \rightarrow If No, go to #22 | |
| 21. In your practice, who comprises the primary care team? <i>Please check all that apply</i>.☐ Nurse Care manager | 25. Does your practice currently receive information that enables you or your team to address gaps in care?☐ Yes☐ No |
| □ Care Coordinator □ Pharmacists □ Behavioral health specialist □ Community health worker □ Health coach □ Patient navigator □ Dietician/Nutritionist □ Health educator □ Other → Please specify: | 26. Guideline-based reminders include popups within an electronic medical record or a reminder attached to the front of the chart. Do you get guideline-based reminders when you are seeing the patient that prompt you about services the patient should receive? ☐ Yes |
| | \square \mathbb{N}_{2} |

| 27. Do you get feedback on the quality of care | 33. What is the name of your EHR system? |
|--|---|
| you provide to patients? | ☐ Allscripts |
| ☐ Yes | ☐ Athena |
| \square No \rightarrow If No, go to #30 | ☐ eClinicalWorks |
| | ☐ Epic |
| 28. For what percent of your patients do you | ☐ Logician |
| get this kind of feedback? | ☐ NextGen |
| □ None | \Box Other \rightarrow Please specify: |
| □ 1-25% | |
| □ 26-50% | |
| □ 51-75% | 34. In what year did your main practice site first |
| □ 76-99% | begin using an EHR system? |
| □ 100% | XX : : |
| | Write in year |
| 29. Who provides this feedback? <i>Please check</i> | |
| all that apply. | 35. In the last 12 months, did you receive a list |
| | of patients by diagnosis generated by your |
| ☐ Practice group | EHR? |
| ☐ Health plans | |
| ☐ ACOs you are affiliated with | □ Yes |
| ☐ Other → Please specify: | □ No |
| 30. In the last 12 months, have you received the results from patient experience surveys ? | 36. In the last 12 months, did you receive a list |
| □ Yes | of patients by laboratory results (e.g., |
| \square No \rightarrow If No, go to #32 | patients with abnormal hematocrit levels) |
| 110 7 H 110, go to #52 | generated by your EHR? |
| 31. Who provides the results of the surveys? | □ Yes |
| Please check all that apply. | □ No |
| ••• | |
| ☐ Practice group | |
| ☐ Health plans | 37. Does your EHR provide patients access to |
| ☐ ACOs you are affiliated with | their own health records, for example, |
| ☐ Other → Please specify: | through a patient portal? |
| | \square Yes \rightarrow If Yes, go to #39 |
| | \square No \rightarrow If No, go to #39 |
| | , 0 |
| Health Information Technology | |
| | 38. When do you plan to implement an EHR |
| 32. Does your main practice site have an | system? |
| electronic health record (EHR) system, that | ☐ Within the next 12 months |
| is, an integrated clinical information system | ☐ In 1 to 2 years |
| that tracks patient health data? | \square In 3 to 5 years |
| ☐ Yes | ☐ More than 5 years from now |
| \square No \rightarrow If No. go to #38 | □ No plans to implement an EHR system |

| 39. | What kind of effect of | lo you think an | EHR system ha | as on each of the | following outcomes? |
|------------|------------------------|-----------------|---------------|-------------------|---------------------|
| | | | | | |

| | Very Positive Effect | Somewhat Positive Effect | No Effect | Somewhat Negative Effect | Very Negative Effect |
|---|----------------------------|--------------------------------|--------------|--------------------------------|----------------------------|
| a. Reducing health care costs | | | | | |
| b. Quality of health care | | | | | |
| c. Quality of patient-physician communication | | | | | |
| d. Patient privacy | | | | | |
| e. Efficiency of providing care | | | | | |
| f. Medication errors | | | | | |

Patient-Centered Medical Home

| 40. | How familiar are you with the concept of a patient-centered medical home (PCMH)? |
|------------|--|
| | ☐ Very familiar |
| | ☐ Somewhat familiar |
| | ☐ Not very familiar |
| | ☐ Not at all familiar |
| | |

41. For the questions below, please think about how providing care in a PCMH setting compares to providing care using traditional approaches.

| | A lot better | A little better | About the same | A little worse | A lot worse | Don't Know |
|---|-----------------|--------------------|----------------|-------------------|----------------|---------------|
| a. How does the quality of care for patients in a PCMH compare to traditional approaches? | | | | | | |
| b. How does the quality of patient care experiences compare to traditional approaches? | | | | | | |
| c. How does the ease of providing clinical care in a PCMH compare to traditional approaches? | | | | | | |
| d. How does the financial situation in a PCMH compare to traditional settings? | | | | | | |

| 42. Is your practice a designated PCMH? |
|---|
| $\square \text{ Yes} \rightarrow \text{If No, go to #46}$ |
| □ No |
| 43. How challenging do you think it would be to establish a PCMH? |
| □ Very challenging |
| ☐ Somewhat challenging☐ Not very challenging |
| ☐ Not challenging at all |
| □ Don't Know |
| 44. Is your practice in the process of obtaining PCMH designation? |
| □ Yes |
| \square No |
| 45. How likely would your practice be to use state funded support programs if they were available to help develop a PCMH? |
| ☐ Very likely |
| ☐ Somewhat likely |
| □ Not very likely□ Not at all likely |
| — Not at all likely |
| |
| |
| |
| Cultural Competency |
| |
| 46. On average, how much formal training (including CME courses) have the physicians in your |
| practice had in learning how to better communicate with patients from diverse ethnic or cultural backgrounds? |
| ☐ Very little formal training |
| ☐ Some formal training |
| ☐ A lot of formal training |
| |
| 47. In the last 12 months, about what percent of your patients have you have difficulty communicating with due to language barriers? |
| Write in percent |
| |

48. In the last 12 months, when providing care for patients who you have difficulty communicating with due to language barriers, how often did you do the following?

| | Always | Usually | Sometimes | Rarely | Never |
|--|--------|---------|-----------|--------|-------|
| a. Use a member of your clinical or office staff as an interpreter | | | | | |
| b. Use a paid interpreter or interpreting service or phone line | | | | | |
| c. Ask the patient's family member or friend to interpret | | | | | |
| d. Try to work through the encounter despite the language barrier | | | | | |

Challenges

49. How challenging do you find each of the following?

| | Very Challenging | Somewhat Challenging | Not very Challenging | Not at all Challenging |
|--|---------------------|-------------------------|-------------------------|---------------------------|
| a. Lack of uniformity of forms and procedures across insurance plans | | | | |
| b. Varying policies across insurance plans for prior authorizations | | | | |
| c. Staying current in my area of practice | | | | |
| d. Recognizing behavioral health problems in your patients | | | | |
| e. Referring patients for behavioral health treatment | | | | |
| f. Providing appropriate treatment for behavioral health problems in your patients | | | | |
| g. Referring patients to other specialists | | | | |
| h. Incorporating pay-for-performance programs into your practice | | | | |
| i. Using computers, EHR systems, and other information technology that are part of your practice | | | | |

About You

| 50. | Are you male or female? |
|------------|--|
| | ☐ Male ☐ Female |
| 51. | In what year did you graduate from medical school? |
| | Write in year |
| 52. | Are you of Hispanic or Latino origin or descent? |
| | ☐ Yes, Hispanic or Latino |
| | ☐ No, not Hispanic or Latino |
| 53. | What is your race? <i>Please mark one or more.</i> |
| | ☐ White |
| | ☐ Black or African-American ☐ Asian |
| | ☐ Native Hawaiian or other Pacific Islander |
| | ☐ American Indian or Alaska Native |
| 54. | In the last 12 months, how often have you considered leaving clinical practice? |
| | □ Never □ Once a month or less □ A few times a month □ Once a week □ A few times a week □ Every day |

| 55. | In the last 12 months, how often have you considered reducing your panel size? |
|-----|--|
| | □ Never □ Once a month or less □ A few times a month □ Once a week □ A few times a week □ Every day |
| 56. | In the last 12 months, how often have you felt burned out from your work? |
| | □ Never □ Once a month or less □ A few times a month □ Once a week □ A few times a week □ Every day |
| 57. | How often do you feel that you are more callous toward people now than you were before you became a doctor? |
| | □ Never□ Rarely□ Sometimes□ Often |

Thank you!

Please return the survey in the postage-paid envelope to:

Center for Survey Research University of Massachusetts Boston 100 Morrissey Boulevard Boston, MA 02125 Total

Practice Size 1 - 5

6 - 19

under 10

10 - 19

20 - 29

owner

not owner

30+

Owner

Years Since Graduation

20+

Table Q1: "What is your primary area of practice?"

Sample

Count

1038

529

313

158

67

229

311

408

555

442

Weighted

Count

1038

535

304

159

66

225

311

415

556

439

Family

Medicine

6.3

7.2

5.0

6.7

9.1

7.4

5.5

5.8

5.4

7.5

Weighted Percentage Estimates

General

Pediatrics

13.4

14.2

15.8

6.0

14.4

14.3

14.8

11.6

16.1

9.9

Specialist

44.6

38.6

56.3

40.3

49.4

49.3

40.3

45.5

45.4

43.1

General

Internal

Medicine

35.7

40.0

22.9

47.1

27.1

29.0

39.3

37.2

33.1

39.5

| 34.2 - 43.0 | |
|-------------|--|
| 50.4 - 62.2 | |
| 32.4 - 48.2 | |
| | |
| | |
| 36.2 - 62.6 | |
| 42.3 - 56.3 | |
| 34.5 - 46.1 | |
| 40.3 - 50.6 | |
| | |
| | |
| 41.0 - 49.9 | |
| 38.2 - 48.0 | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Appendix B. Survey results

Specialist

41.4 - 47.8

95% Confidence Interval

General

Pediatrics

11.7 - 15.2

11.7 - 16.7

12.3 - 19.3

2.9 - 9.0

7.0 - 21.8

10.4 - 18.2

11.5 - 18.2

9.0 - 14.2

13.5 - 18.8

7.6 - 12.2

General

Internal

Medicine

32.4 - 39

35.3 - 44.7

17.4 - 28.5

38.6 - 55.6

14.3 - 39.9

22.1 - 35.9

33.2 - 45.4

31.9 - 42.5

28.6 - 37.6

34.3 - 44.6

Family

Medicine

5 - 7.5

5.4 - 9.0

3.0 - 7.1

3.4 - 9.9

3.1 - 15.1

4.5 - 10.2

3.4 - 7.7

3.9 - 7.6

3.8 - 6.9

5.5 - 9.6

| | Sample | Weighted | W | eighted Percei | ntage Estimat | es | | 95% Confid | lence Interval | |
|--------------------------|--------|----------|------|----------------|---------------|---------|-------------|-------------|----------------|-----------|
| | Count | Count | <20 | 21-40 | >40 | Missing | <20 | 21-40 | >40 | Missing |
| Total | 1038 | 1038 | 13.6 | 52.2 | 32.8 | 1.4 | 11.4 - 15.8 | 49.0 - 55.5 | 29.7 - 35.9 | 0.6 - 2.1 |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 98 | 65 | 14.3 | 65.3 | 19.4 | 1.0 | 7.2 - 21.3 | 55.7 - 74.9 | 11.4 - 27.4 | 0.0 - 3 |
| Internal Medicine | 256 | 370 | 15.0 | 53.6 | 30.6 | 0.8 | 10.6 - 19.5 | 47.4 - 59.8 | 24.9 - 36.3 | 0.0 - 1.9 |
| General Pediatrics | 221 | 140 | 12.2 | 67.9 | 18.6 | 1.4 | 7.9 - 16.6 | 61.7 - 74.1 | 13.4 - 23.7 | 0.0 - 2.9 |
| Specialist | 463 | 463 | 12.8 | 44.6 | 40.8 | 1.9 | 9.6 - 15.9 | 39.8 - 49.4 | 36.1 - 45.5 | 0.6 - 3.1 |
| Practice Size | | | | | | | | | | |
| 1-5 | 529 | 535 | 11.6 | 56.1 | 31.0 | 1.4 | 8.6 - 14.6 | 51.5 - 60.6 | 26.7 - 35.2 | 0.4 - 2.5 |
| 6 - 19 | 313 | 304 | 13.2 | 48.8 | 36.3 | 1.7 | 9.3 - 17.1 | 42.9 - 54.8 | 30.5 - 42.1 | 0.3 - 3.1 |
| 20+ | 158 | 159 | 17.8 | 47.9 | 34.3 | _ | 11.4 - 24.2 | 39.5 - 56.3 | 26.4 - 42.2 | _ |
| Years Since Graduation | | | | | | | | | | |
| under 10 | 67 | 66 | 15.4 | 63.9 | 20.6 | | 5.8 - 25.1 | 51.1 - 76.8 | 9.6 - 31.7 | _ |
| 10 - 19 | 229 | 225 | 14.4 | 55.1 | 30.0 | 0.6 | 9.5 - 19.2 | 48.1 - 62.0 | 23.6 - 36.4 | 0.0 - 1.3 |
| 20 - 29 | 311 | 311 | 12.7 | 50.5 | 35.8 | 0.9 | 8.7 - 16.8 | 44.5 - 56.5 | 30.0 - 41.6 | 0.0 - 2.1 |
| 30+ | 408 | 415 | 13.6 | 50.0 | 34.5 | 2.0 | 10.0 - 17.1 | 44.7 - 55.2 | 29.5 - 39.4 | 0.6 - 3.5 |
| Owner | | | | | | | | | | |
| owner | 555 | 556 | 6.2 | 48.9 | 43.5 | 1.5 | 3.9 - 8.4 | 44.4 - 53.4 | 39.0 - 47.9 | 0.5 - 2.5 |
| not owner | 442 | 439 | 23.0 | 56.4 | 19.6 | 1.0 | 18.8 - 27.2 | 51.4 - 61.3 | 15.6 - 23.6 | 0.1 - 1.9 |

| 1 |) |
|---|-----|
| | . 1 |

| | Sample Count | Weighted | | Weighted Percentage Estimates | | | 95% Confidence Interval | | | | | |
|--------------------------|-----------------|----------|------|-------------------------------|--------|------|-------------------------|-------------|-------------|-------------|-------------|-----------|
| | | Count | 0% | 1-49% | 50-99% | 100% | Missing | 0% | 1-49% | 50-99% | 100% | Missing |
| Total | 1038 | 1038 | 16.4 | 18.3 | 24.5 | 36.2 | 4.6 | 14.1 - 18.7 | 15.8 - 20.9 | 21.6 - 27.4 | 33.1 - 39.4 | 3.2 - 6.0 |
| Primary Area of Practice | | | | | | | | | | | | |
| Family Medicine | 98 | 65 | _ | 4.1 | 22.4 | 70.4 | 3.1 | _ | 0.1 - 8.1 | 14.0 - 30.9 | 61.2 - 79.6 | 0.0 - 6.5 |
| Internal Medicine | 256 | 370 | 5.6 | 7.6 | 27.0 | 56.2 | 3.6 | 2.7 - 8.5 | 4.3 - 10.9 | 21.5 - 32.5 | 50 - 62.4 | 1.3 - 5.9 |
| General Pediatrics | 221 | 140 | 0.5 | 3.2 | 23.5 | 68.8 | 4.1 | 0.0-1.3 | 0.8 - 5.5 | 17.9 - 29.2 | 62.6 - 74.9 | 1.4 - 6.7 |
| Specialist | 463 | 463 | 32.1 | 33.5 | 23.0 | 5.6 | 5.7 | 27.8 - 36.4 | 29.0 - 38.0 | 18.7 - 27.4 | 3.3 - 8.0 | 3.3 - 8.1 |
| Practice Size | | | | | | | | | | | | |
| 1-5 | 529 | 535 | 13.8 | 17.3 | 27.9 | 39.5 | 1.5 | 10.8 - 16.8 | 13.8 - 20.8 | 23.7 - 32.1 | 35.0 - 43.9 | 0.3 - 2.7 |
| 6 - 19 | 313 | 304 | 17.1 | 23.2 | 26.8 | 31.8 | 1.0 | 13.0 - 21.3 | 18.1 - 28.3 | 21.3 - 32.4 | 26.4 - 37.3 | 0.0 - 2.2 |
| 20+ | 158 | 159 | 24.8 | 17.1 | 14.2 | 42.0 | 1.9 | 18.1 - 31.6 | 11.1 - 23.1 | 8.1 - 20.3 | 33.6 - 50.4 | 0.0 - 4.5 |
| Years Since Graduation | | | | | | | | | | | | |
| under 10 | 67 | 66 | 11.9 | 27.4 | 19.6 | 36.1 | 4.8 | 4.6 - 19.3 | 15.5 - 39.4 | 8.8 - 30.5 | 23.5 - 48.8 | 0.0-10.6 |
| 10 - 19 | 229 | 225 | 17.1 | 22.5 | 26.1 | 31.1 | 3.3 | 12.1 - 22.0 | 16.5 - 28.4 | 19.7 - 32.5 | 24.8 - 37.3 | 0.6 - 6.0 |
| 20 - 29 | 311 | 311 | 15.5 | 20.6 | 23.4 | 37.0 | 3.5 | 11.4 - 19.7 | 15.9 - 25.3 | 18.1 - 28.6 | 31.2 - 42.7 | 1.2 - 5.8 |
| 30+ | 408 | 415 | 17.5 | 13.6 | 25.7 | 37.7 | 5.6 | 13.8 - 21.2 | 10.0 - 17.1 | 21.0 - 30.3 | 32.6 - 42.7 | 3.1 - 8.0 |
| Owner | | | | | | | | | | | | |
| owner | 555 | 556 | 13.8 | 17.2 | 28.7 | 38.8 | 1.5 | 11 - 16.7 | 13.8 - 20.6 | 24.5 - 32.8 | 34.5 - 43.2 | 0.4 - 2.5 |
| not owner | 442 | 439 | 21.1 | 20.7 | 21.3 | 36.0 | 1.0 | 17.2 - 25.0 | 16.7 - 24.7 | 17.1 - 25.5 | 31.1 - 40.8 | 0.0 - 2.2 |

| | Sample Count | | Weighted Percentage Estimates | | | | 95% Confidence Interval | | | | |
|--------------------------|-----------------|----------|-------------------------------|----------|----------|---------|-------------------------|-------------|-------------|-----------|--|
| | | Weighted | | | Stay the | | | | Stay the | | |
| | | Count | Increase | Decrease | Same | Missing | Increase | Decrease | Same | Missing | |
| Total | 1038 | 1038 | 20.9 | 20.9 | 54.4 | 3.8 | 18.2 - 23.6 | 18.3 - 23.5 | 51.2 - 57.7 | 2.5 - 5.0 | |
| Primary Area of Practice | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 14.3 | 27.6 | 57.1 | 1.0 | 7.2 - 21.3 | 18.5 - 36.6 | 47.2 - 67.1 | 0.0 - 3.0 | |
| Internal Medicine | 256 | 370 | 24.0 | 24.0 | 49.2 | 2.8 | 18.7 - 29.3 | 18.7 - 29.3 | 43.0 - 55.4 | 0.7 - 4.9 | |
| General Pediatrics | 221 | 140 | 12.2 | 20.8 | 62.9 | 4.1 | 7.9 - 16.6 | 15.4 - 26.2 | 56.5 - 69.3 | 1.4 - 6.7 | |
| Specialist | 463 | 463 | 22.0 | 17.5 | 55.7 | 4.8 | 18.1 - 25.9 | 13.9 - 21.1 | 50.9 - 60.4 | 2.7 - 7.0 | |
| Practice Size | | | | | | | | | | | |
| 1-5 | 529 | 535 | 21.7 | 24.2 | 53.7 | 0.4 | 17.8 - 25.5 | 20.2 - 28.1 | 49.2 - 58.3 | 0.0 - 1.0 | |
| 6 - 19 | 313 | 304 | 23.5 | 17.8 | 58.1 | 0.6 | 18.4 - 28.6 | 13.3 - 22.3 | 52.2 - 64.0 | 0.0 - 1.4 | |
| 20+ | 158 | 159 | 18.8 | 20.7 | 59.6 | 0.9 | 12.1 - 25.4 | 14.0 - 27.3 | 51.4 - 67.9 | 0.0 - 2.8 | |
| Years Since Graduation | | | | | | | | | | | |
| under 10 | 67 | 66 | 25.6 | 10.4 | 61.5 | 2.6 | 13.5 - 37.6 | 2.7 - 18.1 | 48.5 - 74.4 | 0.0 - 6.3 | |
| 10 - 19 | 229 | 225 | 25.9 | 8.5 | 64.3 | 1.3 | 19.8 - 32.0 | 4.5 - 12.6 | 57.6 - 71.0 | 0.0 - 2.8 | |
| 20 - 29 | 311 | 311 | 27.6 | 13.8 | 55.3 | 3.3 | 22.2 - 33.0 | 9.6 - 17.9 | 49.4 - 61.3 | 1.0 - 5.5 | |
| 30+ | 408 | 415 | 12.0 | 34.7 | 47.7 | 5.5 | 8.6 - 15.4 | 29.8 - 39.7 | 42.5 - 52.9 | 3.1 - 7.9 | |
| Owner | | | | | | | | | | | |
| owner | 555 | 556 | 21.9 | 24.0 | 53.8 | 0.4 | 18.1 - 25.7 | 20.1 - 27.8 | 49.3 - 58.2 | 0.0 - 1.0 | |
| not owner | 442 | 439 | 21.1 | 19.1 | 59.6 | 0.2 | 17.1 - 25.1 | 15.2 - 22.9 | 54.7 - 64.5 | 0.0 - 0.7 | |

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| | Sample | Weighted | Weighted Percentage Estimates | | | | | 95% Confidence Interval | | | | |
|--------------------------|--------|----------|-------------------------------|-------|-------|------|---------|-------------------------|-------------|-------------|-------------|------------|
| | Count | Count | 0-50 | 51-79 | 80-99 | >99 | Missing | 0-50 | 51-79 | 80-99 | >99 | Missing |
| Total | 1038 | 1038 | 24.4 | 24.4 | 19.8 | 26.9 | 4.6 | 21.6 - 27.1 | 21.6 - 27.2 | 17.2 - 22.4 | 24.0 - 29.8 | 3.2 - 5.9 |
| Primary Area of Practice | | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 22.4 | 23.5 | 26.5 | 25.5 | 2 | 14.0 - 30.9 | 14.9 - 32.0 | 17.6 - 35.4 | 16.7 - 34.3 | 0.0 - 4.9 |
| Internal Medicine | 256 | 370 | 22 | 27.4 | 18 | 28.7 | 3.8 | 16.9 - 27.2 | 21.9 - 33.0 | 13.2 - 22.8 | 23.1 - 34.4 | 1.4 - 6.1 |
| General Pediatrics | 221 | 140 | 15.4 | 17.6 | 25.8 | 33.9 | 7.2 | 10.6 - 20.2 | 12.6 - 22.7 | 20.0 - 31.6 | 27.6 - 40.2 | 3.8 - 10.7 |
| Specialist | 463 | 463 | 29.2 | 24.2 | 18.5 | 23.4 | 4.7 | 24.9 - 33.5 | 20.2 - 28.1 | 14.6 - 22.3 | 19.2 - 27.6 | 2.6 - 6.9 |
| Practice Size | | | | | | | | | | | | |
| 1-5 | 529 | 535 | 23.1 | 27.3 | 19 | 29.4 | 1.2 | 19.2 - 26.9 | 23.2 - 31.4 | 15.5 - 22.5 | 25.2 - 33.6 | 0.4 - 2.1 |
| 6 - 19 | 313 | 304 | 24.9 | 20.4 | 23.7 | 29.3 | 1.7 | 19.8 - 30.0 | 15.7 - 25.1 | 18.6 - 28.8 | 23.8 - 34.8 | 0.0 - 3.4 |
| 20+ | 158 | 159 | 31.5 | 26.8 | 20.1 | 20.2 | 1.3 | 23.8 - 39.3 | 19.4 - 34.2 | 13.1 - 27.1 | 13.6 - 26.8 | 0.0 - 3.4 |
| Years Since Graduation | | | | | | | | | | | | |
| under 10 | 67 | 66 | 29.9 | 31.8 | 21.3 | 14.5 | 2.6 | 17.8 - 41.9 | 19.3 - 44.2 | 11.2 - 31.4 | 4.6 - 24.4 | 0.0 - 6.3 |
| 10 - 19 | 229 | 225 | 24.6 | 27.6 | 20.1 | 24.6 | 3.2 | 18.7 - 30.5 | 21.2 - 33.9 | 14.4 - 25.7 | 18.6 - 30.5 | 0.7 - 5.7 |
| 20 - 29 | 311 | 311 | 19.9 | 23.9 | 21.1 | 30.5 | 4.7 | 15.1 - 24.6 | 18.8 - 29.0 | 16.3 - 25.9 | 24.9 - 36.0 | 2.0 - 7.3 |
| 30+ | 408 | 415 | 26.3 | 22.6 | 18.6 | 27.4 | 5.1 | 21.7 - 30.8 | 18.3 - 26.8 | 14.5 - 22.7 | 22.8 - 32.1 | 2.9 - 7.4 |
| Owner | | | | | | | | | | | | |
| owner | 555 | 556 | 12.3 | 24.8 | 24.7 | 36.6 | 1.6 | 9.4 - 15.3 | 20.9 - 28.6 | 20.8 - 28.6 | 32.3 - 40.9 | 0.5 - 2.7 |
| not owner | 442 | 439 | 41.4 | 25.5 | 15.4 | 16.9 | 0.8 | 36.5 - 46.3 | 21.1 - 29.9 | 11.8 - 19.0 | 13.1 - 20.7 | 0.0 - 1.6 |

Table Q6: "Are you currently accepting new patients?"

Total

Primary Area of Practice
Family Medicine

Internal Medicine

General Pediatrics

Years Since Graduation

Specialist

Practice Size 1 - 5

6 - 19

under 10

10 - 19

20 - 29

owner

not owner

30+

Owner

20+

Sample

Count

1038

98

256

221

463

529

313

158

67

229

311

408

555

442

Weighted

Count

1038

65

370

140

463

535

304

159

66

225

311

415

556

439

Yes

85.6

73.5

77.2

88.2

93.4

88.1

90.1

87.2

90.9

92.5

84.4

82.2

89.3

88.1

Weighted Percentage Estimates

No

11.0

25.5

20.0

7.7

2.7

11.9

9.9

11.9

6.5

6.3

12.3

13.3

10.7

11.9

Missing

3.4

1.0

2.8

4.1

3.9

_

_

0.9

2.6

1.3

3.3

4.5

Yes

83.3 - 88.0

64.6 - 82.4

72.0 - 82.4

84.0 - 92.5

90.9 - 95.8

85.2 - 91.1

86.2 - 93.9

81.2 - 93.2

83.4 - 98.5

88.7 - 96.2

79.8 - 88.9

78.1 - 86.2

86.4 - 92.2

84.8 - 91.4

95% Confidence Interval

No

8.9 - 13.1

16.7 - 34.3

15.0 - 25.0

4.2 - 11.2

1.2 - 4.2

8.9 - 14.8

6.1 - 13.8

6.1 - 17.6

0.0 - 13.2

2.8 - 9.7

8.2 - 16.4

9.7 - 16.9

7.8 - 13.6

8.6 - 15.2

Missing

2.2 - 4.6

0.0 - 3.0

0.7 - 4.9

1.4 - 6.7

2.0 - 5.9

_

0.0 - 2.8

0.0 - 6.3

0.0 - 2.8

1.0 - 5.5

2.3 - 6.7

| Appendix B. |
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| Appendix B. Survey results |

Table Q7: "Are you currently accepting new patients who are insured through Medicare (include both FFS and Medicare Advantage)?"

Yes

77.2

82.2

86.4

21.1

86.7

79.9

76.8

87.4

79.7

80.3

74.2

77.7

74.7

87.2

Sample

Count

932

73

205

204

450

466

287

142

63

215

277

356

501

392

Total

Primary Area of Practice
Family Medicine

Internal Medicine

General Pediatrics

Years Since Graduation

Specialist

Practice Size

6 - 19

under 10

10 - 19

20 - 29

not owner

30+

Owner owner

20+

Weighted

Count

924

48

296

129

450

471

274

140

61

211

273

359

496

387

Weighted Percentage Estimates

No

17.7

16.4

9.9

65.7

9.3

18.6

21.8

10.6

16.5

17.2

20.9

15.7

24.1

11.2

Missing

5.1

1.4

3.7

13.2

4.1

1.5

1.4

2.0

3.8

2.6

4.9

6.6

1.1

1.6

Yes

74.5 - 79.9

73.2 - 91.2

81.7 - 91.1

15.4 - 26.7

83.1 - 90.3

76.4 - 83.5

71.7 - 81.9

81.8 - 93.0

69.3 - 90.1

74.9 - 85.6

68.9 - 79.5

73.3 - 82.2

70.9 - 78.6

84.0 - 90.4

95% Confidence Interval

No

15.3 - 20.2

7.7 - 25.1

5.8 - 13.9

59.1 - 72.3

6.2 - 12.4

15.1 - 22.0

16.8 - 26.8

5.5 - 15.7

6.8 - 26.3

12.1 - 22.2

16.1 - 25.7

11.8 - 19.5

20.3 - 28.0

8.1 - 14.3

Missing

3.6 - 6.6

0.0 - 4.1

1.1 - 6.3

8.5 - 17.9

2.0 - 6.1

0.6 - 2.4

0.3 - 2.5

0.0 - 4.4

0.0 - 8.2

0.5 - 4.6

2.2 - 7.7

3.9 - 9.3

0.4 - 1.9

0.6 - 2.7

| | , | Appendix B. |
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| | | Appendix B. Survey results |

| Appendix B. Survey res | | |
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| 3. Survey | Appendix | |
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| | Survey result | |

| | Sample | Weighted | Weighted | Percentage Es | stimates | 95% Confidence Interval | | | |
|--------------------------|--------|----------|----------|---------------|----------|-------------------------|-------------|-----------|--|
| | Count | Count | Yes | No | Missing | Yes | No | Missing | |
| Total | 932 | 924 | 73.1 | 23.0 | 3.9 | 69.9 - 76.2 | 20.0 - 26.0 | 2.5 - 5.2 | |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 73 | 48 | 71.2 | 27.4 | 1.4 | 60.6 - 81.9 | 16.9 - 37.9 | 0.0 - 4.1 | |
| Internal Medicine | 205 | 296 | 59.0 | 37.5 | 3.5 | 52.2 - 65.8 | 30.8 - 44.2 | 0.9 - 6.1 | |
| General Pediatrics | 204 | 129 | 86.3 | 9.3 | 4.4 | 81.5 - 91.0 | 5.3 - 13.3 | 1.6 - 7.3 | |
| Specialist | 450 | 450 | 78.8 | 17.0 | 4.2 | 74.7 - 82.9 | 13.2 - 20.7 | 2.2 - 6.3 | |
| Practice Size | | | | | | | | | |
| 1-5 | 466 | 471 | 74.0 | 25.9 | 0.2 | 69.5 - 78.4 | 21.4 - 30.3 | 0.0 - 0.5 | |
| 6 - 19 | 287 | 274 | 77.8 | 22.2 | | 72.4 - 83.1 | 16.9 - 27.6 | _ | |
| 20+ | 142 | 140 | 78.6 | 20.3 | 1.1 | 70.9 - 86.3 | 12.8 - 27.8 | 0.0 - 3.1 | |
| Years Since Graduation | | | | | | | | | |
| under 10 | 63 | 61 | 73.2 | 24.0 | 2.8 | 60.6 - 85.9 | 11.6 - 36.4 | 0.0 - 6.7 | |
| 10 - 19 | 215 | 211 | 80.3 | 18.4 | 1.4 | 74.4 - 86.1 | 12.7 - 24.1 | 0.0 - 3 | |
| 20 - 29 | 277 | 273 | 70.4 | 25.6 | 4.0 | 64.4 - 76.4 | 19.8 - 31.3 | 1.4 - 6.7 | |
| 30+ | 356 | 359 | 71.2 | 23.5 | 5.2 | 66.1 - 76.4 | 18.6 - 28.4 | 2.7 - 7.7 | |
| Owner | | | | | | | | | |
| owner | 501 | 496 | 67.5 | 32.3 | 0.2 | 63.0 - 72.1 | 27.8 - 36.8 | 0.0 - 0.5 | |
| not owner | 392 | 387 | 86.4 | 13.6 | _ | 82.6 - 90.3 | 9.7 - 17.4 | _ | |

Table Q9: "In the last 12 months have you been denied participation with or dropped by a payer as an in-plan provider?"

Yes

8.2

12.2

8.0

0.5

10.2

9.4

4.7

12.5

5.6

8.1

8.5

8.3

7.7

9.8

Weighted Percentage Estimates

No

87.8

85.7

88.0

95.5

85.7

89.9

94.8

86.1

89.5

90.6

88.3

86.1

92.1

89.2

Missing

3.9

2.0

4.0

4.1

4.1

0.7

0.5

1.4

4.8

1.3

3.3

5.6

0.3

1.0

Sample

Count

1038

98

256

221

463

529

313

158

67

229

311

408

555

442

Total

Primary Area of Practice
Family Medicine

Internal Medicine

General Pediatrics

Years Since Graduation

Specialist

Practice Size 1 - 5

6 - 19

under 10

10 - 19

20 - 29

owner

not owner

30+

Owner

20+

Weighted

Count

1038

65

370

140

463

535

304

159

66

225

311

415

556

439

| Appendix B. Survey results |
|----------------------------|

95% Confidence Interval

No

85.7 - 90.0

78.7 - 92.8

83.9 - 9.2

92.7 - 98.2

82.4 - 89.0

87.1 - 92.7

92.4 - 97.3

80.4 - 91.8

81.6 - 97.5

86.6 - 94.6

84.4 - 92.1

82.5 - 89.7

89.6 - 94.5

86.2 - 92.2

Missing

2.6 - 5.2

0.0 - 4.9

1.6 - 6.5

1.4 - 6.7

2.1 - 6.1

0.0 - 1.5

0.0 - 1.4 0.0 - 3.5

0.0 - 10.6

0.0 - 2.8

1.0 - 5.5

3.1 - 8.0

0.0 - 0.8

0.0 - 2.0

Yes

6.5 - 10.0

5.6 - 18.9

4.6 - 11.4

0.0 - 1.3

7.5 - 13.0

6.7 - 12.2

2.4 - 7.0

7.1 - 17.9

0.0 - 11.5

4.4 - 11.8

5.2 - 11.7 5.5 - 11.2

5.3 - 10.1

6.9 - 12.6

Total

Primary Area of Practice

Family Medicine

Internal Medicine

General Pediatrics

Years Since Graduation

Specialist

Practice Size 1 - 5

6 - 19

under 10

10 - 19

20 - 29

owner not owner

30+

Owner

20+

Table Q10: "In a typical week in how many different outpatient offices do you see patients?"

Weighted

Count

1038

65

370

140

463

535

304

159

66

225

311

415

556

439

One

67.7

87.8

84.8

75.1

49.1

81.7

49.8

68.8

63.5

62.0

68.0

71.0

69.3

71.0

Sample

Count

1038

98

256

221

463

529

313

158

67

229

311

408

555

442

Weighted Percentage Estimates

Two

19.0

9.2

9.2

19.5

28.1

13.3

28.7

23.6

24.8

26.4

17.7

15.8

19.0

20.9

Three or

More

9.4

2.0

2.0

0.9

18.9

4.9

20.5

5.8

9.2

9.7

9.9

8.7

11.7

7.1

Missing

3.9

1.0

4.0

4.5

3.9

0.1

1.0

1.9

2.6

1.9

4.5

4.5

1.0

One

64.7 - 70.8

81.1 - 94.4

80.3 - 89.2

69.4 - 80.9

44.3 - 53.9

78.2 - 85.3

43.8 - 55.8

61.3 - 76.4

50.7 - 76.3

55.2 - 68.8

62.4 - 73.6

66.3 - 75.7

65.2 - 73.5

66.5 - 75.5

| 0.0 - 3 | ļ |
|-----------|----------------------------|
| 1.6 - 6.5 | |
| 1.8 - 7.3 | |
| 2.0 - 5.9 | |
| | |
| | |
| 0 - 0.4 | |
| 0 - 2.3 | |
| 0 - 4.5 | |
| | |
| | |
| 0 - 6.3 | |
| 0 - 3.9 | |
| 1.8 - 7.1 | |
| 2.3 - 6.7 | |
| | |
| | |
| _ | |
| 0 - 2.2 | |
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| | Appendix B. Survey results |
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95% Confidence Interval

Two

16.5 - 21.5

3.4 - 15.0

5.6 - 12.8

14.2 - 24.7

23.8 - 32.4

10.2 - 16.4

23.3 - 34.0

16.7 - 30.5

13.3 - 36.2

20.3 - 32.5

13.2 - 22.2

12.1 - 19.5

15.5 - 22.4

16.9 - 25.0

Three or

More

7.5 - 11.3

0.0 - 4.9

0.3 - 3.8

0.0 - 2.2

15 - 22.8

2.9 - 6.8

15.5 - 25.6

2.5 - 9

1 - 17.3

5.4 - 13.9

6.2 - 13.5

5.8 - 11.7

8.8 - 14.6

4.5 - 9.6

Missing

2.6 - 5.2

0.0 - 3

| | Sample | Weighted | | | | Weighte | d Percentage I | stimates | | | |
|--------------------------|--------|----------|-----------|----------|------------|-----------|----------------|------------|---------|---------|---------|
| | Count | Count | Fairfield | Hartford | Litchfield | Middlesex | New Haven | New London | Tolland | Windham | Missing |
| Total | 1038 | 1038 | 22.7 | 26.0 | 4.1 | 2.8 | 26.5 | 7.1 | 2.0 | 2.6 | 6.1 |
| Primary Area of Practice | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 20.4 | 25.5 | 4.1 | 13.3 | 9.2 | 11.2 | 6.1 | 9.2 | 1.0 |
| Internal Medicine 256 | | 370 | 20.8 | 23.6 | 5.6 | 1.6 | 27.0 | 8.9 | 2.4 | 4.0 | 6.0 |
| General Pediatrics | 221 | 140 | 29.0 | 23.5 | 5.0 | 4.5 | 24.0 | 5.4 | 1.8 | 0.9 | 5.9 |
| Specialist | 463 | 463 | 22.7 | 28.7 | 2.7 | 1.8 | 29.4 | 5.7 | 1.2 | 1.0 | 7.0 |
| Practice Size | | | | | | | | | | | |
| 1-5 | 529 | 535 | 22.4 | 22.9 | 5.0 | 3.3 | 27.3 | 9.9 | 3.5 | 3.6 | 2.2 |
| 6 - 19 | 313 | 304 | 26.3 | 27.9 | 3.0 | 2.7 | 28.0 | 6.4 | 0.2 | 1.6 | 3.9 |
| 20+ | 158 | 159 | 21.5 | 37.6 | 4.4 | 2.3 | 26.4 | 0.9 | 0.9 | 1.8 | 4.2 |
| Years Since Graduation | | | | | | | | | | | |
| under 10 | 67 | 66 | 10.3 | 38.3 | 1.0 | 5.2 | 33.9 | 4.6 | _ | 2.0 | 4.8 |
| 10 - 19 | 229 | 225 | 22.6 | 30.5 | 4.1 | 3.4 | 26.3 | 6.4 | 1.0 | 1.9 | 3.7 |
| 20 - 29 | 311 | 311 | 22.3 | 24.0 | 4.7 | 2.9 | 26.5 | 7.5 | 2.8 | 1.6 | 7.8 |
| 30+ | 408 | 415 | 25.2 | 23.8 | 4.3 | 2.2 | 25.3 | 7.2 | 2.2 | 3.8 | 6.0 |
| Owner | | | | | | | | | | | |
| owner | 555 | 556 | 23.3 | 26.9 | 5.3 | 2.9 | 26.2 | 7.9 | 2.0 | 2.8 | 2.8 |
| not owner | 442 | 439 | 23.8 | 26.5 | 2.9 | 3.0 | 29.2 | 6.9 | 2.2 | 2.6 | 2.8 |

| | | | | 95% | Confidence In | terval | | | |
|--------------------------|-------------|-------------|------------|------------|---------------|------------|------------|-----------|------------|
| | Fairfield | Hartford | Litchfield | Middlesex | New Haven | New London | Tolland | Windham | Missing |
| Total | 20.0 - 25.4 | 23.1 - 28.8 | 2.8 - 5.4 | 1.8 - 3.8 | 23.6 - 29.4 | 5.5 - 8.8 | 1.1 - 2.9 | 1.5 - 3.6 | 4.5 - 7.7 |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 12.3 - 28.5 | 16.7 - 34.3 | 0.1 - 8.1 | 6.4 - 20.1 | 3.4 - 15.0 | 4.9 - 17.6 | 1.3 - 11.0 | 3.4 - 15 | 0.0 - 3.0 |
| Internal Medicine | 15.7 - 25.8 | 18.3 - 28.9 | 2.7 - 8.5 | 0.0 - 3.2 | 21.5 - 32.6 | 5.4 - 12.4 | 0.5 - 4.3 | 1.6 - 6.5 | 3.0 - 9.0 |
| General Pediatrics | 22.9 - 35.0 | 17.9 - 29.2 | 2.1 - 7.9 | 1.8 - 7.3 | 18.3 - 29.7 | 2.4 - 8.4 | 0.0 - 3.6 | 0.0 - 2.2 | 2.8 - 9.0 |
| Specialist | 18.7 - 26.7 | 24.3 - 33.0 | 1.2 - 4.2 | 0.5 - 3.1 | 25.0 - 33.7 | 3.5 - 7.9 | 0.2 - 2.2 | 0.2 - 1.8 | 4.4 - 9.6 |
| Practice Size | | | | | | | | | |
| 1-5 | 18.6 - 26.2 | 19.1 - 26.7 | 3.0 - 7.1 | 1.7 - 4.8 | 23.2 - 31.4 | 7.2 - 12.7 | 1.9 - 5.2 | 1.8 - 5.3 | 0.8 - 3.5 |
| 6 - 19 | 21.0 - 31.6 | 22.5 - 33.3 | 1.0 - 4.9 | 1.2 - 4.2 | 22.7 - 33.4 | 3.6 - 9.2 | 0.0 - 0.6 | 0.2 - 2.9 | 1.4 - 6.3 |
| 20+ | 14.9 - 28.2 | 29.4 - 45.8 | 1.0 - 7.8 | 0.0 - 4.6 | 19.0 - 33.8 | 0.0 - 2.1 | 0.0 - 2.8 | 0.0 - 3.9 | 0.7 - 7.8 |
| Years Since Graduation | | | | | | | | | |
| under 10 | 2.9 - 17.6 | 25.3 - 51.2 | 0.0 - 2.9 | 0.0 - 10.7 | 21.3 - 46.5 | 0.0 - 10.1 | _ | 0.0 - 4.8 | 0.0 - 10.6 |
| 10 - 19 | 16.8 - 28.4 | 24.0 - 37.0 | 1.3 - 7.0 | 1.2 - 5.7 | 20.1 - 32.5 | 3.0 - 9.8 | 0.0 - 2.2 | 0.1 - 3.7 | 1.0 - 6.3 |
| 20 - 29 | 17.4 - 27.2 | 18.8 - 29.1 | 2.3 - 7.1 | 1 - 4.7 | 21.1 - 31.8 | 4.5 - 10.5 | 0.7 - 4.8 | 0.3 - 3.0 | 4.4 - 11.3 |
| 30+ | 20.7 - 29.7 | 19.4 - 28.1 | 2.0 - 6.5 | 0.7 - 3.7 | 20.7 - 29.8 | 4.4 - 10.0 | 0.7 - 3.7 | 1.7 - 5.9 | 3.5 - 8.5 |
| Owner | | | | | | | | | |
| owner | 19.6 - 27.0 | 22.9 - 30.9 | 3.3 - 7.4 | 1.5 - 4.2 | 22.3 - 30.2 | 5.4 - 10.4 | 0.8 - 3.2 | 1.3 - 4.2 | 1.2 - 4.4 |
| not owner | 19.6 - 28.1 | 22.1 - 30.9 | 1.2 - 4.5 | 1.5 - 4.6 | 24.6 - 33.8 | 4.5 - 9.3 | 0.7 - 3.8 | 1.0 - 4.1 | 1.1 - 4.6 |

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| | | | | | Weighted | d Percentage Est | timates | | | | | 95% | Confidence Inte | erval | | |
|--------------------------|-----------------|-------------------|---------------------------------------|----------|-------------------------------|---|-------------|-------|---------|---------------------------------------|-------------|-------------------------------|-----------------|-------------|-----------|-----------|
| | Sample Count | Weighted Count | Freestanding Physician's Office | Hospital | Community Health Center | Walk-in Clinic/Urgent Care Center/Retail Clinic | Combination | Other | Missing | Freestanding Physician's Office | Hospital | Community Health Center | Center/Retail | Combination | Other | Missing |
| Total | 1038 | 1038 | 70.3 | 13.8 | 4.6 | 1.8 | 2.0 | 3.7 | 3.9 | 67.3 - 73.3 | 11.6 - 16.1 | 3.2 - 6.0 | 0.8 - 2.7 | 1.1 - 2.9 | 2.4 - 4.9 | 2.6 - 5.1 |
| Primary Area of Practice | | | | | | | | | | | | | | | | - |
| Family Medicine | 98 | 65 | 69.4 | 1.0 | 13.3 | 3.1 | 2.0 | 9.2 | 2.0 | 60.1 - 78.7 | 0.0 - 3 | 6.4 - 20.1 | 0.0 - 6.5 | 0.0 - 4.9 | 3.4 - 15 | 0.0 - 4.9 |
| Internal Medicine | 256 | 370 | 66.0 | 13.2 | 5.0 | 4.2 | 2.6 | 5.4 | 3.6 | 60.1 - 71.9 | 9.0 - 17.5 | 2.3 - 7.7 | 1.7 - 6.7 | 0.6 - 4.5 | 2.6 - 8.2 | 1.3 - 5.9 |
| General Pediatrics | 221 | 140 | 82.8 | 4.5 | 5.4 | _ | 1.4 | 1.4 | 4.5 | 77.8 - 87.8 | 1.8 - 7.3 | 2.4 - 8.4 | _ | 0.0 - 2.9 | 0.0 - 2.9 | 1.8 - 7.3 |
| Specialist | 463 | 463 | 70.1 | 18.9 | 2.8 | 0.2 | 1.6 | 2.2 | 4.1 | 65.8 - 74.4 | 15.4 - 22.5 | 1.0 - 4.6 | 0.0 - 0.5 | 0.5 - 2.7 | 0.9 - 3.6 | 2.1 - 6.1 |
| Practice Size | | | | | | | | | | | | | | | | |
| 1-5 | 529 | 535 | 77.2 | 11.2 | 3.0 | 3.0 | 2.2 | 3.1 | 0.4 | 73.3 - 81.0 | 8.3 - 14.2 | 1.5 - 4.4 | 1.3 - 4.7 | 0.9 - 3.5 | 1.4 - 4.7 | 0.0 - 1 |
| 6 - 19 | 313 | 304 | 72.3 | 14.7 | 5.9 | 0.5 | 1.2 | 5.2 | 0.2 | 6.70 - 77.6 | 10.6 - 18.8 | 3.0 - 8.8 | 0.0 - 1.4 | 0.0 - 2.4 | 2.6 - 7.9 | 0.0 - 0.6 |
| 20+ | 158 | 159 | 60.8 | 23.2 | 7.2 | 0.4 | 3.2 | 2.8 | 2.3 | 52.7 - 69.0 | 16.1 - 30.2 | 2.8 - 11.7 | 0.0 - 1.2 | 0.2 - 6.2 | 0.2 - 5.4 | 0.0 - 5.1 |
| Years Since Graduation | | | | | | | | | | | | | | | | |
| under 10 | 67 | 66 | 63.0 | 22.8 | 7.2 | _ | 2.3 | 2.2 | 2.6 | 50.4 - 75.6 | 11.7 - 33.8 | 1.0 - 13.4 | _ | 0.0 - 6.7 | 0.0 - 5.3 | 0.0 - 6.3 |
| 10 - 19 | 229 | 225 | 67.1 | 19.6 | 4.4 | 1.3 | 1.5 | 4.7 | 1.6 | 60.5 - 73.6 | 14.0 - 25.1 | 1.5 - 7.3 | 0.0 - 2.8 | 0.2 - 2.8 | 1.5 - 7.8 | 0.0 - 3.2 |
| 20 - 29 | 311 | 311 | 69.4 | 14.4 | 3.2 | 2.3 | 1.7 | 4.2 | 4.7 | 63.8 - 75.0 | 10.2 - 18.7 | 1.1 - 5.3 | 0.4 - 4.3 | 0.0 - 3.4 | 1.7 - 6.8 | 2.0 - 7.4 |
| 30+ | 408 | 415 | 74.2 | 9.3 | 5.2 | 1.4 | 2.3 | 3.0 | 4.5 | 69.7 - 78.7 | 6.4 - 12.2 | 2.9 - 7.6 | 0.0 - 2.8 | 0.8 - 3.9 | 1.3 - 4.7 | 2.3 - 6.7 |
| Owner | | | | | | | | | | | | | | | | |
| owner | 555 | 556 | 92.5 | 4.1 | 0.7 | - | 1.3 | 1.2 | 0.3 | 90.1 - 94.9 | 2.3 - 5.8 | 0.0 - 1.5 | _ | 0.3 - 2.3 | 0.1 - 2.3 | 0.0 - 0.8 |
| not owner | 442 | 439 | 48.6 | 26.7 | 10.9 | 3.3 | 3.0 | 6.8 | 0.7 | 43.7 - 53.6 | 22.3 - 31.1 | 7.7 - 14 | 1.4 - 5.2 | 1.3 - 4.7 | 4.3 - 9.3 | 0.0 - 1.5 |

| | Sample | Weighted | | | | Weighte | d Percentage I | Estimates | | | |
|--------------------------|--------|----------|-----------|----------|------------|-----------|----------------|------------|---------|---------|---------|
| | Count | Count | Fairfield | Hartford | Litchfield | Middlesex | New Haven | New London | Tolland | Windham | Missing |
| Total | 1038 | 1038 | 22.7 | 26.0 | 4.1 | 2.8 | 26.5 | 7.1 | 2.0 | 2.6 | 6.1 |
| Primary Area of Practice | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 20.4 | 25.5 | 4.1 | 13.3 | 9.2 | 11.2 | 6.1 | 9.2 | 1.0 |
| Internal Medicine 256 | | 370 | 20.8 | 23.6 | 5.6 | 1.6 | 27.0 | 8.9 | 2.4 | 4.0 | 6.0 |
| General Pediatrics | 221 | 140 | 29.0 | 23.5 | 5.0 | 4.5 | 24.0 | 5.4 | 1.8 | 0.9 | 5.9 |
| Specialist | 463 | 463 | 22.7 | 28.7 | 2.7 | 1.8 | 29.4 | 5.7 | 1.2 | 1.0 | 7.0 |
| Practice Size | | | | | | | | | | | |
| 1 - 5 | 529 | 535 | 22.4 | 22.9 | 5.0 | 3.3 | 27.3 | 9.9 | 3.5 | 3.6 | 2.2 |
| 6 - 19 | 313 | 304 | 26.3 | 27.9 | 3.0 | 2.7 | 28.0 | 6.4 | 0.2 | 1.6 | 3.9 |
| 20+ | 158 | 159 | 21.5 | 37.6 | 4.4 | 2.3 | 26.4 | 0.9 | 0.9 | 1.8 | 4.2 |
| Years Since Graduation | | | | | | | | | | | |
| under 10 | 67 | 66 | 10.3 | 38.3 | 1.0 | 5.2 | 33.9 | 4.6 | _ | 2.0 | 4.8 |
| 10 - 19 | 229 | 225 | 22.6 | 30.5 | 4.1 | 3.4 | 26.3 | 6.4 | 1.0 | 1.9 | 3.7 |
| 20 - 29 | 311 | 311 | 22.3 | 24.0 | 4.7 | 2.9 | 26.5 | 7.5 | 2.8 | 1.6 | 7.8 |
| 30+ | 408 | 415 | 25.2 | 23.8 | 4.3 | 2.2 | 25.3 | 7.2 | 2.2 | 3.8 | 6.0 |
| Owner | | | | | | | | | | | |
| owner | 555 | 556 | 23.3 | 26.9 | 5.3 | 2.9 | 26.2 | 7.9 | 2.0 | 2.8 | 2.8 |
| not owner | 442 | 439 | 23.8 | 26.5 | 2.9 | 3.0 | 29.2 | 6.9 | 2.2 | 2.6 | 2.8 |

| | | | | 95% | Confidence In | terval | | | |
|--------------------------|-------------|-------------|------------|------------|---------------|------------|------------|-----------|------------|
| | Fairfield | Hartford | Litchfield | Middlesex | New Haven | New London | Tolland | Windham | Missing |
| Total | 20.0 - 25.4 | 23.1 - 28.8 | 2.8 - 5.4 | 1.8 - 3.8 | 23.6 - 29.4 | 5.5 - 8.8 | 1.1 - 2.9 | 1.5 - 3.6 | 4.5 - 7.7 |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 12.3 - 28.5 | 16.7 - 34.3 | 0.1 - 8.1 | 6.4 - 20.1 | 3.4 - 15.0 | 4.9 - 17.6 | 1.3 - 11.0 | 3.4 - 15 | 0.0 - 3.0 |
| Internal Medicine | 15.7 - 25.8 | 18.3 - 28.9 | 2.7 - 8.5 | 0.0 - 3.2 | 21.5 - 32.6 | 5.4 - 12.4 | 0.5 - 4.3 | 1.6 - 6.5 | 3.0 - 9.0 |
| General Pediatrics | 22.9 - 35.0 | 17.9 - 29.2 | 2.1 - 7.9 | 1.8 - 7.3 | 18.3 - 29.7 | 2.4 - 8.4 | 0.0 - 3.6 | 0.0 - 2.2 | 2.8 - 9.0 |
| Specialist | 18.7 - 26.7 | 24.3 - 33.0 | 1.2 - 4.2 | 0.5 - 3.1 | 25.0 - 33.7 | 3.5 - 7.9 | 0.2 - 2.2 | 0.2 - 1.8 | 4.4 - 9.6 |
| Practice Size | | | | | | | | | |
| 1-5 | 18.6 - 26.2 | 19.1 - 26.7 | 3.0 - 7.1 | 1.7 - 4.8 | 23.2 - 31.4 | 7.2 - 12.7 | 1.9 - 5.2 | 1.8 - 5.3 | 0.8 - 3.5 |
| 6 - 19 | 21.0 - 31.6 | 22.5 - 33.3 | 1.0 - 4.9 | 1.2 - 4.2 | 22.7 - 33.4 | 3.6 - 9.2 | 0.0 - 0.6 | 0.2 - 2.9 | 1.4 - 6.3 |
| 20+ | 14.9 - 28.2 | 29.4 - 45.8 | 1.0 - 7.8 | 0.0 - 4.6 | 19.0 - 33.8 | 0.0 - 2.1 | 0.0 - 2.8 | 0.0 - 3.9 | 0.7 - 7.8 |
| Years Since Graduation | | | | | | | | | |
| under 10 | 2.9 - 17.6 | 25.3 - 51.2 | 0.0 - 2.9 | 0.0 - 10.7 | 21.3 - 46.5 | 0.0 - 10.1 | _ | 0.0 - 4.8 | 0.0 - 10.6 |
| 10 - 19 | 16.8 - 28.4 | 24.0 - 37.0 | 1.3 - 7.0 | 1.2 - 5.7 | 20.1 - 32.5 | 3.0 - 9.8 | 0.0 - 2.2 | 0.1 - 3.7 | 1.0 - 6.3 |
| 20 - 29 | 17.4 - 27.2 | 18.8 - 29.1 | 2.3 - 7.1 | 1 - 4.7 | 21.1 - 31.8 | 4.5 - 10.5 | 0.7 - 4.8 | 0.3 - 3.0 | 4.4 - 11.3 |
| 30+ | 20.7 - 29.7 | 19.4 - 28.1 | 2.0 - 6.5 | 0.7 - 3.7 | 20.7 - 29.8 | 4.4 - 10.0 | 0.7 - 3.7 | 1.7 - 5.9 | 3.5 - 8.5 |
| Owner | | | | | | | | | |
| owner | 19.6 - 27.0 | 22.9 - 30.9 | 3.3 - 7.4 | 1.5 - 4.2 | 22.3 - 30.2 | 5.4 - 10.4 | 0.8 - 3.2 | 1.3 - 4.2 | 1.2 - 4.4 |
| not owner | 19.6 - 28.1 | 22.1 - 30.9 | 1.2 - 4.5 | 1.5 - 4.6 | 24.6 - 33.8 | 4.5 - 9.3 | 0.7 - 3.8 | 1.0 - 4.1 | 1.1 - 4.6 |

| C | |
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| | | | | | Weighted | d Percentage Est | timates | | | | | 95% (| 95% Confidence Interval | | | | | |
|--------------------------|-----------------|-------------------|---------------------------------------|----------|-------------------------------|---|-------------|-------|---------|---------------------------------|-------------|-------------------------------|-------------------------|-------------|-----------|-----------|--|--|
| | Sample Count | Weighted Count | Freestanding Physician's Office | Hospital | Community Health Center | Walk-in Clinic/Urgent Care Center/Retail Clinic | Combination | Other | Missing | Freestanding Physician's Office | Hospital | Community Health Center | Center/Retail | Combination | Other | Missing | | |
| Total | 1038 | 1038 | 70.3 | 13.8 | 4.6 | 1.8 | 2.0 | 3.7 | 3.9 | 67.3 - 73.3 | 11.6 - 16.1 | 3.2 - 6.0 | 0.8 - 2.7 | 1.1 - 2.9 | 2.4 - 4.9 | 2.6 - 5.1 | | |
| Primary Area of Practice | | | | | | | | | | | | | | | | - | | |
| Family Medicine | 98 | 65 | 69.4 | 1.0 | 13.3 | 3.1 | 2.0 | 9.2 | 2.0 | 60.1 - 78.7 | 0.0 - 3 | 6.4 - 20.1 | 0.0 - 6.5 | 0.0 - 4.9 | 3.4 - 15 | 0.0 - 4.9 | | |
| Internal Medicine | 256 | 370 | 66.0 | 13.2 | 5.0 | 4.2 | 2.6 | 5.4 | 3.6 | 60.1 - 71.9 | 9.0 - 17.5 | 2.3 - 7.7 | 1.7 - 6.7 | 0.6 - 4.5 | 2.6 - 8.2 | 1.3 - 5.9 | | |
| General Pediatrics | 221 | 140 | 82.8 | 4.5 | 5.4 | _ | 1.4 | 1.4 | 4.5 | 77.8 - 87.8 | 1.8 - 7.3 | 2.4 - 8.4 | _ | 0.0 - 2.9 | 0.0 - 2.9 | 1.8 - 7.3 | | |
| Specialist | 463 | 463 | 70.1 | 18.9 | 2.8 | 0.2 | 1.6 | 2.2 | 4.1 | 65.8 - 74.4 | 15.4 - 22.5 | 1.0 - 4.6 | 0.0 - 0.5 | 0.5 - 2.7 | 0.9 - 3.6 | 2.1 - 6.1 | | |
| Practice Size | | | | | | | | | | | | | | | | | | |
| 1-5 | 529 | 535 | 77.2 | 11.2 | 3.0 | 3.0 | 2.2 | 3.1 | 0.4 | 73.3 - 81.0 | 8.3 - 14.2 | 1.5 - 4.4 | 1.3 - 4.7 | 0.9 - 3.5 | 1.4 - 4.7 | 0.0 - 1 | | |
| 6 - 19 | 313 | 304 | 72.3 | 14.7 | 5.9 | 0.5 | 1.2 | 5.2 | 0.2 | 6.70 - 77.6 | 10.6 - 18.8 | 3.0 - 8.8 | 0.0 - 1.4 | 0.0 - 2.4 | 2.6 - 7.9 | 0.0 - 0.6 | | |
| 20+ | 158 | 159 | 60.8 | 23.2 | 7.2 | 0.4 | 3.2 | 2.8 | 2.3 | 52.7 - 69.0 | 16.1 - 30.2 | 2.8 - 11.7 | 0.0 - 1.2 | 0.2 - 6.2 | 0.2 - 5.4 | 0.0 - 5.1 | | |
| Years Since Graduation | | | | | | | | | | | | | | | | | | |
| under 10 | 67 | 66 | 63.0 | 22.8 | 7.2 | _ | 2.3 | 2.2 | 2.6 | 50.4 - 75.6 | 11.7 - 33.8 | 1.0 - 13.4 | _ | 0.0 - 6.7 | 0.0 - 5.3 | 0.0 - 6.3 | | |
| 10 - 19 | 229 | 225 | 67.1 | 19.6 | 4.4 | 1.3 | 1.5 | 4.7 | 1.6 | 60.5 - 73.6 | 14.0 - 25.1 | 1.5 - 7.3 | 0.0 - 2.8 | 0.2 - 2.8 | 1.5 - 7.8 | 0.0 - 3.2 | | |
| 20 - 29 | 311 | 311 | 69.4 | 14.4 | 3.2 | 2.3 | 1.7 | 4.2 | 4.7 | 63.8 - 75.0 | 10.2 - 18.7 | 1.1 - 5.3 | 0.4 - 4.3 | 0.0 - 3.4 | 1.7 - 6.8 | 2.0 - 7.4 | | |
| 30+ | 408 | 415 | 74.2 | 9.3 | 5.2 | 1.4 | 2.3 | 3.0 | 4.5 | 69.7 - 78.7 | 6.4 - 12.2 | 2.9 - 7.6 | 0.0 - 2.8 | 0.8 - 3.9 | 1.3 - 4.7 | 2.3 - 6.7 | | |
| Owner | | | | | | | | | | | | | | | | | | |
| owner | 555 | 556 | 92.5 | 4.1 | 0.7 | _ | 1.3 | 1.2 | 0.3 | 90.1 - 94.9 | 2.3 - 5.8 | 0.0 - 1.5 | _ | 0.3 - 2.3 | 0.1 - 2.3 | 0.0 - 0.8 | | |
| not owner | 442 | 439 | 48.6 | 26.7 | 10.9 | 3.3 | 3.0 | 6.8 | 0.7 | 43.7 - 53.6 | 22.3 - 31.1 | 7.7 - 14 | 1.4 - 5.2 | 1.3 - 4.7 | 4.3 - 9.3 | 0.0 - 1.5 | | |

Table Q13: "Are you a partner, Owner, or shareholder in your practice?" Sample Weighte

d Count

1038

65

370

140

463

535

304

159

66

225

311

415

Count

1038

98

256

221

463

529

313

158

67

229

311

408

Total

Primary Area of Practice Family Medicine

Internal Medicine

General Pediatrics

Years Since Graduation

Specialist

Practice Size 1-5

6 - 19

under 10

10 - 19

20 - 29

30+

20+

Weighted Percentage Estimates

Missing

4.1

3.1

3.6

4.5

4.6

1.1

0.5

1.4

2.6

2.6

3.5

5.6

No

42.3

51.0

46.8

31.2

40.9

36.0

48.0

59.5

71.8

47.5

40.7

36.0

Yes

53.5

45.9

49.6

64.3

54.5

62.9

51.5

39.1

25.7

49.9

55.8

58.4

95% Confidence Interval

Missing 2.8 - 5.5

0 - 6.5

1.3 - 5.9

1.8 - 7.3

2.5 - 6.7

0.1 - 2

0 - 1.5

0 - 3.5

0 - 6.3

0.2 - 5

1.2 - 5.8

3.2 - 8

No

39.1 - 45.5

40.9 - 61.1

40.6 - 53

25.1 - 37.4

36.2 - 45.5

31.6 - 40.4

42.1 - 54

51.3 - 67.7

59.8 - 83.8

40.5 - 54.5

34.8 - 46.6

31.1 - 41

Yes

50.3 - 56.8

35.9 - 56

43.4 - 55.8

57.9 - 70.6

49.8 - 59.3

58.5 - 67.3

45.5 - 57.4

30.9 - 47.2

13.9 - 37.4

42.9 - 56.9

49.8 - 61.7

53.3 - 63.5

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| Appendix B. |
| В. |
| Survey |
| result |

Table Q14: "Does your practice participate in a Shared Savings Program or Accountable Care Organization?"

Yes

36.0

58.2

39.2

31.7

31.5

37.3

33.4

45.3

41.3

39.0

35.5

35.2

39.6

34.2

Weighted Percentage Estimates

Missing

10.2

3.1

8.4

12.7

11.8

5.0

10.0

6.2

16.9

9.5

9.1

9.5

3.3

11.2

Yes

32.8 - 39.1

48.2 - 68.1

33.1 - 45.3

25.5 - 37.9

27.1 - 35.9

32.9 - 41.7

27.9 - 38.9

37 - 53.7

28.2 - 54.4

32.2 - 45.7

29.8 - 41.2

30.3 - 40.2

35.2 - 44

29.5 - 39

No

53.9

38.8

52.4

55.7

56.7

57.7

56.5

48.5

41.7

51.5

55.3

55.3

57.1

54.6

Sample

Count

1038

98

256

221

463

529

313

158

67

229

311

408

555

442

Total

Primary Area of Practice

Family Medicine

Internal Medicine

General Pediatrics

Years Since Graduation

Specialist

Practice Size 1 - 5

6 - 19

under 10

10 - 19

20 - 29

owner

not owner

30+

Owner

20+

Weighted

Count

1038

65

370

140

463

535

304

159

66

225

311

415

556

439

95% Confidence Interval

Missing

8.2 - 12.1

0 - 6.5

5 - 11.9

8.2 - 17.1

8.6 - 15

3 - 7

6.4 - 13.6

2.2 - 10.2

7.3 - 26.6

5.2 - 13.9

5.7 - 12.6

6.5 - 12.6

1.7 - 4.9

8 - 14.3

No

50.6 - 57.1

29 - 48.6

46.2 - 58.6

49.1 - 62.3

51.9 - 61.4

53.2 - 62.2

50.7 - 62.4

40.1 - 56.9

28.8 - 54.7

44.5 - 58.5

49.4 - 61.3

50.1 - 60.4

52.7 - 61.5

49.6 - 59.6

| | | | | Weigh | ted Percentage E | stimates | | | 95% | % Confidence Inte | rval | |
|--------------------------|-----------------|-------------------|------------------|---|--------------------------------------|----------|---------|---------------|---|--------------------------------------|------------|-----------|
| | Sample Count | Weighted Count | Solo Practice | Single Specialty Partnership /Practice | Multispecialty partnership/ Practice | Other | Missing | Solo Practice | Single Specialty Partnership /Practice | Multispecialty partnership/ Practice | Other | Missing |
| Total | 1038 | 1038 | 14.6 | 46.3 | 30.5 | 4.7 | 3.9 | 12.2 - 16.9 | 43.1 - 49.6 | 27.5 - 33.5 | 3.3 - 6 | 2.6 - 5.2 |
| Primary Area of Practice | | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 20.4 | 41.8 | 33.7 | 3.1 | 1.0 | 12.3 - 28.5 | 31.9 - 51.8 | 24.1 - 43.2 | 0 - 6.5 | 0-3 |
| Internal Medicine | 256 | 370 | 21.8 | 32.9 | 38.1 | 4.4 | 2.8 | 16.7 - 26.9 | 27.1 - 38.8 | 32 - 44.1 | 1.8 - 7 | 0.7 - 4.9 |
| General Pediatrics | 221 | 140 | 11.3 | 62.4 | 18.6 | 2.3 | 5.4 | 7.1 - 15.5 | 56 - 68.9 | 13.4 - 23.7 | 0.3 - 4.2 | 2.4 - 8.4 |
| Specialist | 463 | 463 | 9.0 | 52.9 | 27.6 | 5.8 | 4.7 | 6.3 - 11.7 | 48.1 - 57.6 | 23.4 - 31.8 | 3.6 - 8 | 2.6 - 6.9 |
| Practice Size | | | | | | | | | | | | |
| 1-5 | 529 | 535 | 27.5 | 49.2 | 17.8 | 5.0 | 0.5 | 23.4 - 31.7 | 44.6 - 53.7 | 14.3 - 21.3 | 2.8 - 7.1 | 0 - 1.2 |
| 6 - 19 | 313 | 304 | 0.7 | 62.4 | 31.9 | 4.0 | 0.9 | 0 - 1.7 | 56.6 - 68.2 | 26.3 - 37.6 | 1.9 - 6.2 | 0 - 2.1 |
| 20+ | 158 | 159 | 1.3 | 17.6 | 75.4 | 4.7 | 0.9 | 0 - 3.4 | 11.5 - 23.6 | 68.5 - 82.4 | 1.3 - 8.2 | 0 - 2.8 |
| Years Since Graduation | | | | | | | | | | | | |
| under 10 | 67 | 66 | 4.5 | 52.3 | 36.0 | 4.6 | 2.6 | 0 - 9.9 | 39.2 - 65.5 | 23.3 - 48.7 | 0 - 10.2 | 0 - 6.3 |
| 10 - 19 | 229 | 225 | 4.1 | 49.8 | 38.2 | 6.3 | 1.5 | 1.3 - 7 | 42.8 - 56.8 | 31.4 - 45.1 | 2.6 - 9.9 | 0 - 3.2 |
| 20 - 29 | 311 | 311 | 12.3 | 52.0 | 28.6 | 3.6 | 3.5 | 8.5 - 16.1 | 46 - 58 | 23.1 - 34.1 | 1.5 - 5.6 | 1.2 - 5.8 |
| 30+ | 408 | 415 | 21.9 | 40.9 | 26.9 | 4.9 | 5.4 | 17.5 - 26.4 | 35.8 - 46 | 22.3 - 31.5 | 2.6 - 7.1 | 3 - 7.8 |
| Owner | | | | | | | | | | | | |
| owner | 555 | 556 | 23.0 | 59.4 | 16.9 | 0.4 | 0.2 | 19.2 - 26.9 | 55 - 63.8 | 13.5 - 20.3 | 0 - 1 | 0 - 0.5 |
| not owner | 442 | 439 | 5.3 | 33.5 | 50.5 | 10.2 | 0.5 | 3 - 7.7 | 28.9 - 38.1 | 45.5 - 55.5 | 7.1 - 13.2 | 0 - 1.3 |

| | Sample | Weighted | \ | Neighted Pe i | rcentage Estima | ates | | 95% Confide | ence Interval | |
|--------------------------|--------|----------|------|----------------------|-----------------|---------|-------------|-------------|---------------|-----------|
| | Count | Count | 1-5 | 6-19 | 20+ | Missing | 1-5 | 6-19 | 20+ | Missing |
| Total | 1038 | 1038 | 51.5 | 29.3 | 15.3 | 3.9 | 48.2 - 54.8 | 26.3 - 32.2 | 13 - 17.7 | 2.6 - 5.2 |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 98 | 65 | 59.2 | 23.5 | 16.3 | 1.0 | 49.3 - 69.1 | 14.9 - 32 | 8.9 - 23.8 | 0 - 3 |
| Internal Medicine | 256 | 370 | 57.8 | 18.8 | 20.2 | 3.2 | 51.6 - 63.9 | 13.9 - 23.7 | 15.2 - 25.2 | 1 - 5.4 |
| General Pediatrics | 221 | 140 | 54.3 | 34.4 | 6.8 | 4.5 | 47.7 - 60.9 | 28.1 - 40.7 | 3.4 - 10.1 | 1.8 - 7.3 |
| Specialist | 463 | 463 | 44.6 | 37.0 | 13.8 | 4.6 | 39.8 - 49.4 | 32.3 - 41.6 | 10.8 - 16.9 | 2.5 - 6.7 |
| Years Since Graduation | | | | | | | | | | |
| under 10 | 67 | 66 | 47.1 | 36.0 | 14.3 | 2.6 | 34 - 60.3 | 23.3 - 48.7 | 5.6 - 22.9 | 0 - 6.3 |
| 10 - 19 | 229 | 225 | 43.4 | 37.0 | 18.3 | 1.3 | 36.5 - 50.3 | 30.3 - 43.8 | 12.8 - 23.8 | 0 - 2.8 |
| 20 - 29 | 311 | 311 | 53.1 | 30.1 | 12.7 | 4.1 | 47.1 - 59.1 | 24.6 - 35.6 | 8.7 - 16.7 | 1.6 - 6.6 |
| 30+ | 408 | 415 | 54.7 | 23.7 | 16.0 | 5.5 | 49.6 - 59.9 | 19.4 - 28.1 | 12.2 - 19.7 | 3.1 - 7.9 |
| Owner | | | | | | | | | | |
| owner | 555 | 556 | 60.5 | 28.2 | 11.2 | 0.1 | 56.2 - 64.9 | 24.1 - 32.2 | 8.4 - 14 | 0 - 0.3 |
| not owner | 442 | 439 | 43.8 | 33.2 | 21.6 | 1.4 | 38.9 - 48.8 | 28.6 - 37.9 | 17.4 - 25.7 | 0.2 - 2.6 |

| | Count | Count | V | Veighted Pe | rcentage Estimat | es | | 95% Confide | ence Interval | |
|--------------------------|-------|-------|------|-------------|------------------|---------|-------------|-------------|---------------|------------|
| | | | 0 | 1-3 | 4 or more | Missing | 0 | 1-3 | 4 or more | Missing |
| Гotal | 1038 | 1038 | 42.3 | 36.4 | 16.2 | 5.1 | 39.1 - 45.5 | 33.3 - 39.6 | 13.8 - 18.6 | 3.6 - 6.5 |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 98 | 65 | 39.8 | 40.8 | 18.4 | 1.0 | 29.9 - 49.7 | 30.9 - 50.7 | 10.6 - 26.2 | 0 - 3 |
| Internal Medicine | 256 | 370 | 47.1 | 31.5 | 17.4 | 4.0 | 40.9 - 53.3 | 25.7 - 37.2 | 12.7 - 22.1 | 1.6 - 6.5 |
| General Pediatrics | 221 | 140 | 48.9 | 35.3 | 9.5 | 6.3 | 42.2 - 55.5 | 28.9 - 41.6 | 5.6 - 13.4 | 3.1 - 9.6 |
| Specialist | 463 | 463 | 36.8 | 40.2 | 17.0 | 6.1 | 32.1 - 41.4 | 35.5 - 44.9 | 13.4 - 20.6 | 3.8 - 8.4 |
| Practice Size | | | | | | | | | | |
| 1-5 | 529 | 535 | 59.6 | 37.7 | 2.3 | 0.3 | 55.1 - 64.1 | 33.3 - 42.2 | 1 - 3.7 | 0 - 0.8 |
| 6 - 19 | 313 | 304 | 35.9 | 46.3 | 17.8 | | 30.1 - 41.7 | 40.3 - 52.2 | 13.1 - 22.6 | _ |
| 20+ | 158 | 159 | 6.9 | 21.2 | 62.8 | 9.1 | 2.6 - 11.1 | 14.3 - 28.2 | 54.8 - 70.8 | 4.8 - 13.4 |
| Years Since Graduation | | | | | | | | | | |
| under 10 | 67 | 66 | 32.6 | 49.7 | 12.9 | 4.9 | 20.2 - 44.9 | 36.5 - 62.9 | 4.6 - 21.2 | 0 - 10.6 |
| 10 - 19 | 229 | 225 | 38.2 | 40.5 | 19.7 | 1.6 | 31.5 - 45 | 33.6 - 47.3 | 14 - 25.4 | 0 - 3.3 |
| 20 - 29 | 311 | 311 | 45.2 | 38.1 | 10.8 | 5.8 | 39.2 - 51.2 | 32.3 - 43.9 | 7 - 14.6 | 3.1 - 8.6 |
| 30+ | 408 | 415 | 43.7 | 30.6 | 19.1 | 6.6 | 38.5 - 48.8 | 25.9 - 35.4 | 15 - 23.1 | 4 - 9.2 |
| Owner | | | | | | | | | | |
| owner | 555 | 556 | 52.2 | 33.5 | 13.7 | 0.6 | 47.7 - 56.7 | 29.3 - 37.7 | 10.5 - 16.8 | 0.1 - 1.2 |
| not owner | 442 | 439 | 33.5 | 42.8 | 20.2 | 3.5 | 28.8 - 38.3 | 37.8 - 47.7 | 16.2 - 24.2 | 1.7 - 5.4 |

| 11 | Appendix B. |
|----|----------------|
| • | Survey results |

| | Sample | Weighted | V | Veighted Per | rcentage Estimat | tes | | 95% Confide | ence Interval | |
|--------------------------|--------|----------|------|--------------|------------------|---------|-------------|-------------|---------------|------------|
| | Count | Count | 0 | 1-3 | 4 or more | Missing | 0 | 1-3 | 4 or more | Missing |
| Total | 1038 | 1038 | 65.6 | 19.9 | 8.6 | 5.9 | 62.5 - 68.7 | 17.3 - 22.5 | 6.7 - 10.4 | 4.4 - 7.5 |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 98 | 65 | 57.1 | 28.6 | 13.3 | 1.0 | 47.2 - 67.1 | 19.5 - 37.7 | 6.4 - 20.1 | 0 - 3 |
| Internal Medicine | 256 | 370 | 62.7 | 22.4 | 10.0 | 4.8 | 56.7 - 68.8 | 17.2 - 27.6 | 6.3 - 13.8 | 2.1 - 7.5 |
| General Pediatrics | 221 | 140 | 75.1 | 14.5 | 2.7 | 7.7 | 69.4 - 80.9 | 9.8 - 19.2 | 0.6 - 4.9 | 4.2 - 11.2 |
| Specialist | 463 | 463 | 66.2 | 18.3 | 8.5 | 7.0 | 61.8 - 70.6 | 14.8 - 21.8 | 6 - 11 | 4.5 - 9.5 |
| Practice Size | | | | | | | | | | |
| 1-5 | 529 | 535 | 79.1 | 17.6 | 2.1 | 1.1 | 75.3 - 82.9 | 14.1 - 21.2 | 0.7 - 3.5 | 0.2 - 2.1 |
| 6 - 19 | 313 | 304 | 69.5 | 26.9 | 2.7 | 0.9 | 64.3 - 74.8 | 21.9 - 31.9 | 1.1 - 4.2 | 0 - 2 |
| 20+ | 158 | 159 | 27.9 | 18.8 | 43.8 | 9.6 | 20.3 - 35.5 | 12.1 - 25.4 | 35.5 - 52.1 | 5 - 14.1 |
| Years Since Graduation | | | | | | | | | | |
| under 10 | 67 | 66 | 59.7 | 23.9 | 10.0 | 6.4 | 46.8 - 72.6 | 12.7 - 35.2 | 2.3 - 17.7 | 0 - 12.9 |
| 10 - 19 | 229 | 225 | 69.5 | 19.7 | 9.1 | 1.6 | 63.1 - 75.9 | 14.2 - 25.2 | 5.1 - 13.1 | 0 - 3.3 |
| 20 - 29 | 311 | 311 | 66.3 | 21.6 | 5.8 | 6.3 | 60.7 - 71.9 | 16.7 - 26.5 | 3 - 8.6 | 3.4 - 9.2 |
| 30+ | 408 | 415 | 63.8 | 17.9 | 10.2 | 8.1 | 58.8 - 68.8 | 14 - 21.8 | 7.1 - 13.3 | 5.2 - 10.9 |
| Owner | | | | | | | | | | |
| owner | 555 | 556 | 74.8 | 17.0 | 6.7 | 1.5 | 70.9 - 78.6 | 13.7 - 20.3 | 4.5 - 8.9 | 0.5 - 2.6 |
| not owner | 442 | 439 | 59.1 | 24.9 | 11.6 | 4.5 | 54.2 - 64 | 20.6 - 29.1 | 8.4 - 14.8 | 2.4 - 6.5 |

| | Sample | Weighted | Weighte | ed Percentag | e Estimates | 95% | % Confidence Inter | val |
|--------------------------|--------|----------|---------|--------------|-------------|-------------|--------------------|------------|
| | Count | Count | Yes | No | Missing | Yes | No | Missing |
| Total | 1038 | 1038 | 53.1 | 40.4 | 6.6 | 49.8 - 56.3 | 37.2 - 43.6 | 4.9 - 8.2 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 98 | 65 | 70.4 | 25.5 | 4.1 | 61.2 - 79.6 | 16.7 - 34.3 | 0.1 - 8.1 |
| Internal Medicine | 256 | 370 | 63.4 | 29.8 | 6.8 | 57.4 - 69.4 | 24.1 - 35.5 | 3.7 - 10 |
| General Pediatrics | 221 | 140 | 52.9 | 37.1 | 10.0 | 46.3 - 59.6 | 30.7 - 43.5 | 6 - 13.9 |
| Specialist | 463 | 463 | 42.4 | 51.9 | 5.7 | 37.7 - 47.1 | 47.1 - 56.7 | 3.4 - 8.1 |
| Practice Size | | | | | | | | |
| 1-5 | 529 | 535 | 53.4 | 42.1 | 4.5 | 48.8 - 58 | 37.5 - 46.6 | 2.6 - 6.5 |
| 6 - 19 | 313 | 304 | 50.4 | 47.3 | 2.3 | 44.5 - 56.4 | 41.3 - 53.3 | 0.6 - 4 |
| 20+ | 158 | 159 | 67.7 | 31.0 | 1.3 | 60.1 - 75.3 | 23.4 - 38.5 | 0 - 2.8 |
| Years Since Graduation | | | | | | | | |
| under 10 | 67 | 66 | 47.6 | 47.9 | 4.5 | 34.4 - 60.7 | 34.7 - 61.1 | 0 - 9.2 |
| 10 - 19 | 229 | 225 | 50.2 | 46.3 | 3.5 | 43.2 - 57.2 | 39.3 - 53.3 | 0.9 - 6.1 |
| 20 - 29 | 311 | 311 | 54.9 | 37.8 | 7.3 | 48.9 - 60.9 | 32 - 43.6 | 4.1 - 10.5 |
| 30+ | 408 | 415 | 53.3 | 38.3 | 8.4 | 48.1 - 58.5 | 33.2 - 43.4 | 5.4 - 11.3 |
| Owner | | | | | | | | |
| owner | 555 | 556 | 52.8 | 43.3 | 3.8 | 48.3 - 57.3 | 38.9 - 47.8 | 2.1 - 5.6 |
| not owner | 442 | 439 | 56.6 | 40.4 | 3.1 | 51.6 - 61.5 | 35.5 - 45.3 | 1.3 - 4.8 |

Table Q20: "Does your practice use primary care teams?" Sample

Total

Primary Area of Practice Family Medicine

Internal Medicine

General Pediatrics

Years Since Graduation

Specialist

Practice Size 1 - 5

6 - 19

under 10

10 - 19

20 - 29

owner

not owner

30+

Owner

20+

Count

1038

98

256

221

463

529

313

158

67

229

311

408

555

442

Weighted

Count

1038

65

370

140

463

535

304

159

66

225

311

415

556

439

Yes

13.3

24.5

16.8

14.5

8.5

12.4

12.2

21.0

18.4

12.5

13.5

11.6

11.9

15.4

Weighted Percentage Estimates

Missing

4.6

1.0

3.4

5.4

5.8

1.2

1.4

2.0

4.9

2.1

4.7

6.0

1.3

1.6

Yes

11.1 - 15.5

15.8 - 33.2

12.2 - 21.4

9.8 - 19.2

5.8 - 11.2

9.3 - 15.5

8.5 - 16

14 - 27.9

8.4 - 28.5

7.7 - 17.2

9.4 - 17.5

8.3 - 14.9

9 - 14.9 11.8 - 19

No

82.1

74.5

79.8

80.1

85.7

86.4

86.4

77.0

76.7

85.5

81.9

82.5

86.8

83.0

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Appendix B. Survey results

95% Confidence Interval

No

79.6 - 84.6

65.7 - 83.3

74.8 - 84.8

74.8 - 85.4

82.2 - 89.1

83.1 - 89.6

82.4 - 90.3

69.9 - 84.1

65.7 - 87.8

80.5 - 90.5

77.2 - 86.5

78.5 - 86.4

83.7 - 89.8

79.2 - 86.7

Missing

3.2 - 6

0 - 3

1.2 - 5.6

2.4 - 8.4

3.4 - 8.2

0.2 - 2.3

0 - 2.9

0 - 4

0 - 10.6

0.2 - 4

2 - 7.3

3.5 - 8.4

0.3 - 2.2

0.3 - 2.9

Total

Primary Area of Practice
Family Medicine

Internal Medicine

General Pediatrics

Years Since Graduation

Specialist

Practice Size 1 - 5

6 - 19

under 10

10 - 19

20 - 29

not owner

30+

Owner owner

20+

Table Q21: "In your practice who comprises the primary care team? Check all that apply."

Weighted

Count

185

17

75

28

66

73

41

37

15

33

56

73

73

75

Sample

Count

184

25

52

44

63

68

47

36

16

32

56

72

73

76

Nurse Care

Manager

30.8

36.0

35.5

25.0

26.5

27.3

44.6

51.2

23.0

40.0

29.9

28.7

24.4

52.3

Care

Coordinator

30.1

40.0

33.8

29.5

23.6

29.6

38.8

49.6

9.1

37.0

28.3

33.3

38.4

33.9

Pharmacists

8.5

12.0

9.9

72.7

9.6

2.5

12.0

24.6

79.1

11.3

10.9

4.0

4.4

14.7

| | | | | | 95% Confider | nce Interval | | | | |
|--------------------------|-------------|-------------|--------------|-------------|--------------|--------------|-------------|--------------|------------|-------------|
| | | | | Behavioral | Community | | | | | |
| | Nurse Care | Care | | Health | Health | Health | Patient | Dietician/ | Health | |
| | Manager | Coordinator | Pharmacists | Specialist | Worker | Coach | Navigator | Nutritionist | Educator | Other |
| Total | 23.6 - 38.0 | 23.0 - 37.1 | 4.2 - 12.8 | 8.9 - 19.7 | 2.9 - 11.2 | 1.2 - 7.5 | 1.8 - 9.3 | 10.2 - 21.8 | 4.1 - 13.4 | 18.5 - 31.9 |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 15.8 - 56.2 | 19.4 - 60.6 | 0.0- 25.7 | 9.1 - 46.9 | 87.7 - 100.0 | 0.0 - 12.3 | 0.0 - 19.4 | 0.0 - 12.3 | 87.7 - 100 | 15.8 - 56.2 |
| Internal Medicine | 22.0 - 49.1 | 20.3 - 47.2 | 1.4 - 18.5 | 4.0 - 23.8 | 2.1 - 19.5 | 0.0 - 9.6 | 0.2 - 15.7 | 6.9 - 28.8 | 1.4 - 18.5 | 12.5 - 36.9 |
| General Pediatrics | 11.7 - 38.3 | 15.5 - 43.6 | 59.0 - 86.4 | 4.7 - 27.2 | 0.0 - 11 | 0.0 - 6.9 | 59.0 - 86.4 | 0.2 - 17.9 | 0.0 - 6.9 | 23.7 - 53.6 |
| Specialist | 15.2 - 37.9 | 13.1 - 34.1 | 2.9 - 16.2 | 2.6 - 18.7 | 0.0- 11.5 | 0.0 - 11.5 | 0.0 - 10.0 | 9.5 - 29.8 | 3.6 - 21.1 | 6.9 - 27.8 |
| Practice Size | | | | | | | | | | |
| 1-5 | 15.8 - 38.8 | 17.7 - 41.4 | 0.0 - 6.0 | 5.1 - 23.0 | 1.8 - 18.0 | 0.0 - 10.9 | 1.1 - 17.0 | 7.1 - 27.8 | 2.5 - 20.1 | 20.8 - 45.3 |
| 6 - 19 | 28.6 - 60.6 | 23.7 - 53.8 | 2.0 - 22.0 | 7.3 - 28.3 | 0.0 - 11.1 | 0.0 - 8.0 | 0.0 - 17.9 | 4.6 - 26.4 | 1.2 - 23.4 | 21.4 - 52.0 |
| 20+ | 32.9 - 69.5 | 31.2 - 67.9 | 8.4 - 40.7 | 7.6 - 40.9 | 0.0 - 21.9 | 0.0 - 18.0 | 79.3 - 98.9 | 12.0 - 45.2 | 0.0 - 17.9 | 4.0 - 30.8 |
| Years Since Graduation | | | | | | | | | | |
| under 10 | 0.0 - 47.3 | 0.0 - 23.1 | 54.6 - 100.0 | 0.0 - 35.6 | 54.6 - 100.0 | 54.6 - 100.0 | 0.0 - 13.8 | 0.0 - 15.3 | 0.0 - 15.3 | 8.7 - 65.8 |
| 10 - 19 | 20.8 - 59.2 | 18.3 - 55.7 | 1.1 - 21.6 | 1.2 - 29.5 | 0.0 - 20.2 | 0.0 - 6.9 | 0.0 - 20.2 | 1.6 - 30.4 | 2.4 - 34.1 | 20.0 - 58.2 |
| 20 - 29 | 16.7 - 43.1 | 15.5 - 41.1 | 1.9 - 19.9 | 3.2 - 23.2 | 2.0 - 21.1 | 0.0 - 14.4 | 0.0 - 16.7 | 9.0 - 33.9 | 0.0 - 14.4 | 5.8 - 24.9 |
| 30+ | 17.3 - 40.2 | 21.3 - 45.2 | 0.0 - 8.9 | 3.7 - 17.3 | 0.0 - 7.3 | 0.0 - 10 | 0.0 - 6.1 | 3.5 - 18.3 | 0.0 - 12.2 | 13.9 - 35.9 |
| Owner | | | | | | | | | | |
| owner | 13.8 - 35.1 | 26.2 - 50.6 | 0.0 - 9.6 | 4.7 - 21.2 | 0.0 - 12.1 | 0.8 - 15.1 | 1.9 - 18.1 | 5.9 - 24.7 | 4.0 - 22.0 | 14.7 - 36.4 |
| not owner | 40.0 - 64.6 | 22.4 - 45.5 | 6.3 - 23.1 | 11.0 - 30.5 | 3.4 - 19.9 | 0.0 - 4.8 | 0.0- 8.6 | 12.3 - 32.8 | 1.6 - 16.3 | 25.4 - 49.2 |

Weighted Percentage Estimates

Patient

5.5

8.0

7.9

72.7

4.5

9.1

8.8

89.1

4.3

9.1

7.9

2.1

10.0

3.9

Health Coach Navigator

4.3

4.0

4.0

2.3

5.6

5.0

3.3

8.1

79.1

2.3

6.6

4.8

7.9

2.0

Dietician/

Nutritionist

16.0

4.0

17.9

9.1

19.6

17.5

15.5

28.6

4.8

16.0

21.4

10.9

15.3

22.5

Health

Educator

8.8

96.0

9.9

2.3

12.4

11.3

12.3

8.1

4.8

18.3

6.6

6.0

13.0

9.0

Other

25.2

36.0

24.7

38.6

17.4

33.1

36.7

17.4

37.2

39.1

15.4

24.9

25.6

37.3

Community

Health

Worker

7.1

96.0

10.8

4.5

5.6

9.9

5.1

10.1

79.1

9.1

11.5

2.9

5.9

11.7

Behavioral

Health

Specialist

14.3

28.0

13.9

15.9

10.6

14.1

17.8

24.3

14.0

15.3

13.2

10.5

12.9

20.7

| | Sample | Weighted | Weighte | ed Percentage | Estimates | 95% (| Confidence Inte | rval |
|--------------------------|--------|----------|---------|---------------|-----------|-------------|-----------------|------------|
| | Count | Count | Yes | No | Missing | Yes | No | Missing |
| Total | 1038 | 1038 | 48.5 | 44.6 | 6.9 | 45.2 - 51.7 | 41.4 - 47.8 | 5.3 - 8.6 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 98 | 65 | 62.2 | 33.7 | 4.1 | 52.5 - 72.0 | 24.1 - 43.2 | 0.1 - 8.1 |
| Internal Medicine | 256 | 370 | 56.6 | 37.8 | 5.6 | 50.4 - 62.7 | 31.8 - 43.9 | 2.7 - 8.5 |
| General Pediatrics | 221 | 140 | 75.1 | 18.6 | 6.3 | 69.4 - 80.9 | 13.4 - 23.7 | 3.1 - 9.6 |
| Specialist | 463 | 463 | 32.0 | 59.4 | 8.6 | 27.5 - 36.6 | 54.6 - 64.2 | 5.8 - 11.3 |
| Practice Size | | | | | | | | |
| 1-5 | 529 | 535 | 52.8 | 42.0 | 5.2 | 48.2 - 57.4 | 37.5 - 46.6 | 3.1 - 7.2 |
| 6 - 19 | 313 | 304 | 47.9 | 49.5 | 2.6 | 41.9 - 53.9 | 43.6 - 55.5 | 0.7 - 4.5 |
| 20+ | 158 | 159 | 44.8 | 53.3 | 1.9 | 36.4 - 53.2 | 44.9 - 61.7 | 0.0 - 3.7 |
| Years Since Graduation | | | | | | | | |
| under 10 | 67 | 66 | 60.5 | 35.3 | 4.1 | 47.5 - 73.5 | 22.5 - 48.2 | 0.0 - 9.0 |
| 10 - 19 | 229 | 225 | 46.9 | 47.3 | 5.9 | 39.9 - 53.8 | 40.3 - 54.3 | 2.6 - 9.1 |
| 20 - 29 | 311 | 311 | 47.7 | 46.6 | 5.6 | 41.8 - 53.7 | 40.6 - 52.6 | 2.8 - 8.5 |
| 30+ | 408 | 415 | 47.5 | 43.3 | 9.1 | 42.3 - 52.7 | 38.2 - 48.5 | 6.1 - 12.2 |
| Owner | | | | | | | | |
| owner | 555 | 556 | 51.8 | 44.0 | 4.2 | 47.3 - 56.3 | 39.5 - 48.4 | 2.4 - 6.1 |
| not owner | 442 | 439 | 48.9 | 48.4 | 2.7 | 43.9 - 53.9 | 43.4 - 53.4 | 1.1 - 4.3 |

| | Sample | Weighted | Weighte | ed Percentage | Estimates | 95% (| Confidence Inte | rval |
|--------------------------|--------|----------|---------|---------------|-----------|-------------|-----------------|-----------|
| | Count | Count | Yes | No | Missing | Yes | No | Missing |
| Total | 1038 | 1038 | 7.7 | 88.5 | 3.8 | 5.9 - 9.4 | 86.4 - 90.7 | 2.5 - 5.1 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 98 | 65 | 11.2 | 87.8 | 1.0 | 4.9 - 17.6 | 81.1 - 94.4 | 0.0 - 3.0 |
| Internal Medicine | 256 | 370 | 10.0 | 86.4 | 3.6 | 6.3 - 13.8 | 82.1 - 90.6 | 1.3 - 5.9 |
| General Pediatrics | 221 | 140 | 2.7 | 92.8 | 4.5 | 0.6 - 4.9 | 89.3 - 96.2 | 1.8 - 7.3 |
| Specialist | 463 | 463 | 6.7 | 89.1 | 4.2 | 4.3 - 9.2 | 86.0 - 92.2 | 2.1 - 6.2 |
| Practice Size | | | | | | | | |
| 1 - 5 | 529 | 535 | 5.8 | 93.7 | 0.6 | 3.6 - 8.0 | 91.3 - 96 | 0.0 - 1.3 |
| 6 - 19 | 313 | 304 | 8.4 | 91.1 | 0.5 | 5.0 - 11.8 | 87.6 - 94.6 | 0.0 - 1.4 |
| 20+ | 158 | 159 | 12.6 | 87.0 | 0.4 | 7.0 - 18.3 | 81.3 - 92.7 | 0.0 - 1.2 |
| Years Since Graduation | | | | | | | | |
| under 10 | 67 | 66 | 9.6 | 87.8 | 2.6 | 2.1 - 17.2 | 79.5 - 96.1 | 0.0 - 6.3 |
| 10 - 19 | 229 | 225 | 7.1 | 91.0 | 1.9 | 3.3 - 10.9 | 86.8 - 95.2 | 0.0 - 3.9 |
| 20 - 29 | 311 | 311 | 8.7 | 87.3 | 4.0 | 5.3 - 12.1 | 83.3 - 91.4 | 1.5 - 6.4 |
| 30+ | 408 | 415 | 6.4 | 88.5 | 5.1 | 3.7 - 9.1 | 85.1 - 91.9 | 2.8 - 7.5 |
| Owner | | | | | | | | |
| owner | 555 | 556 | 3.1 | 96.8 | 0.1 | 1.5 - 4.7 | 95.1 - 98.4 | 0.0 - 0.3 |
| not owner | 442 | 439 | 13.8 | 85.3 | 0.9 | 10.2 - 17.3 | 81.6 - 89.0 | 0.0 - 2 |

Appendix B. Survey results

| Table Q24: "Does your practice currently receive information that stratifies patients by level of health risk to enable you or your team | ı |
|--|---|
| to coordinate their care?" | ı |

| | Sample | Weighted | Weight | ed Percentage | Estimates | 95% (| Confidence Inte | erval |
|--------------------------|--------|----------|--------|---------------|-----------|-------------|-----------------|------------|
| | Count | Count | Yes | No | Missing | Yes | No | Missing |
| Total | 1038 | 1038 | 20.6 | 73.2 | 6.2 | 18.0 - 23.3 | 70.3 - 76.1 | 4.6 - 7.8 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 98 | 65 | 40.8 | 56.1 | 3.1 | 30.9 - 50.7 | 46.1 - 66.1 | 0.0 - 6.5 |
| Internal Medicine | 256 | 370 | 28.7 | 65.2 | 6.0 | 23.1 - 34.4 | 59.3 - 71.1 | 3.0 - 9.0 |
| General Pediatrics | 221 | 140 | 17.2 | 75.6 | 7.2 | 12.2 - 22.2 | 69.9 - 81.3 | 3.8 - 10.7 |
| Specialist | 463 | 463 | 12.3 | 81.2 | 6.5 | 9.1 - 15.5 | 77.4 - 85.0 | 4.0 - 8.9 |
| Practice Size | | | | | | | | |
| 1 - 5 | 529 | 535 | 22.5 | 74.6 | 2.9 | 18.7 - 26.4 | 70.5 - 78.6 | 1.3 - 4.4 |
| 6 - 19 | 313 | 304 | 14.1 | 83.5 | 2.4 | 10.0 - 18.2 | 79.2 - 87.9 | 0.6 - 4.1 |
| 20+ | 158 | 159 | 31.5 | 65.2 | 3.3 | 23.6 - 39.3 | 57.2 - 73.3 | 0.2 - 6.4 |
| Years Since Graduation | | | | | | | | |
| under 10 | 67 | 66 | 20.7 | 74.5 | 4.9 | 10.0 - 31.3 | 63.0 - 86.0 | 0.0 - 10.6 |
| 10 - 19 | 229 | 225 | 19.2 | 76.8 | 4.0 | 13.7 - 24.7 | 70.9 - 82.7 | 1.2 - 6.7 |
| 20 - 29 | 311 | 311 | 19.0 | 75.1 | 5.9 | 14.2 - 23.8 | 69.8 - 80.4 | 3.0 - 8.8 |
| 30+ | 408 | 415 | 21.1 | 71.2 | 7.7 | 16.8 - 25.3 | 66.5 - 76.0 | 4.9 - 10.5 |
| Owner | | | | | | | | |
| owner | 555 | 556 | 23.4 | 74.9 | 1.7 | 19.6 - 27.2 | 71.0 - 78.8 | 0.6 - 2.8 |
| not owner | 442 | 439 | 19.1 | 76.3 | 4.6 | 15.1 - 23.1 | 72.0 - 80.6 | 2.5 - 6.8 |

Table Q25: "Does your practice currently receive information that enbales you or your team to address gaps in care?"

| | Sample | Weighted | Weighte | ed Percentage | Estimates | 95% (| Confidence Inte | rval |
|--------------------------|--------|----------|---------|---------------|-----------|-------------|-----------------|------------|
| | Count | Count | Yes | No | Missing | Yes | No | Missing |
| Total | 1038 | 1038 | 43.5 | 51.2 | 5.3 | 40.2 - 46.7 | 47.9 - 54.5 | 3.8 - 6.8 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 98 | 65 | 62.2 | 35.7 | 2.0 | 52.5 - 72.0 | 26.1 - 45.4 | 0.0 - 4.9 |
| Internal Medicine | 256 | 370 | 57.0 | 38.9 | 4.0 | 50.9 - 63.2 | 32.9 - 45.0 | 1.6 - 6.5 |
| General Pediatrics | 221 | 140 | 45.7 | 47.1 | 7.2 | 39.1 - 52.3 | 40.4 - 53.7 | 3.8 - 10.7 |
| Specialist | 463 | 463 | 29.3 | 64.4 | 6.2 | 25.0 - 33.7 | 59.8 - 69.0 | 3.8 - 8.6 |
| Practice Size | | | | | | | | |
| 1-5 | 529 | 535 | 47.6 | 50.2 | 2.2 | 43.1 - 52.2 | 45.6 - 54.7 | 0.9 - 3.5 |
| 6 - 19 | 313 | 304 | 35.1 | 62.8 | 2.1 | 29.5 - 40.7 | 57.1 - 68.5 | 0.4 - 3.8 |
| 20+ | 158 | 159 | 54.3 | 44.2 | 1.4 | 46.0 - 62.6 | 36.0 - 52.5 | 0.0 - 3.1 |
| Years Since Graduation | | | | | | | | |
| under 10 | 67 | 66 | 42.9 | 52.3 | 4.9 | 29.8 - 55.9 | 39.1 - 65.4 | 0.0 - 10.6 |
| 10 - 19 | 229 | 225 | 40.8 | 55.2 | 4.0 | 33.9 - 47.7 | 48.3 - 62.2 | 1.1 - 6.9 |
| 20 - 29 | 311 | 311 | 41.5 | 53.3 | 5.2 | 35.5 - 47.4 | 47.4 - 59.3 | 2.5 - 7.9 |
| 30+ | 408 | 415 | 45.7 | 48.1 | 6.1 | 40.5 - 50.9 | 42.9 - 53.3 | 3.7 - 8.6 |
| Owner | | | | | | | | |
| owner | 555 | 556 | 48.4 | 50.3 | 1.2 | 44 - 52.9 | 45.9 - 54.8 | 0.3 - 2.2 |
| not owner | 442 | 439 | 40.4 | 56.6 | 3.0 | 35.4 - 45.3 | 51.7 - 61.6 | 1.4 - 4.7 |

| | Sample | Weighted | Weighte | ed Percentage | Estimates | 95% Confidence Interval | | | |
|--------------------------|--------|----------|---------|---------------|-----------|-------------------------|-------------|------------|--|
| | Count | Count | Yes | No | Missing | Yes | No | Missing | |
| Total | 1038 | 1038 | 50.2 | 45.1 | 4.7 | 46.9 - 53.5 | 41.8 - 48.3 | 3.3 - 6.2 | |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 98 | 65 | 62.2 | 35.7 | 2.0 | 52.5 - 72.0 | 26.1 - 45.4 | 0.0 - 4.9 | |
| Internal Medicine | 256 | 370 | 58.5 | 37.5 | 4.0 | 52.4 - 64.6 | 31.5 - 43.5 | 1.6 - 6.5 | |
| General Pediatrics | 221 | 140 | 46.6 | 47.1 | 6.3 | 40.0 - 53.2 | 40.4 - 53.7 | 3.1 - 9.6 | |
| Specialist | 463 | 463 | 43.0 | 51.8 | 5.2 | 38.2 - 47.7 | 47.0 - 56.6 | 3.0 - 7.5 | |
| Practice Size | | | | | | | | | |
| 1-5 | 529 | 535 | 46.7 | 51.6 | 1.7 | 42.1 - 51.2 | 47.0 - 56.2 | 0.6 - 2.9 | |
| 6 - 19 | 313 | 304 | 55.2 | 43.4 | 1.4 | 49.2 - 61.1 | 37.5 - 49.3 | 0.0 - 2.9 | |
| 20+ | 158 | 159 | 63.7 | 35.9 | 0.4 | 55.6 - 71.8 | 27.8 - 44.0 | 0.0- 1.2 | |
| Years Since Graduation | | | | | | | | | |
| under 10 | 67 | 66 | 53.2 | 42.0 | 4.9 | 40.0 - 66.3 | 28.9 - 55 | 0.0 - 10.6 | |
| 10 - 19 | 229 | 225 | 46.6 | 51.2 | 2.2 | 39.6 - 53.6 | 44.2 - 58.2 | 0.1 - 4.3 | |
| 20 - 29 | 311 | 311 | 54.1 | 40.8 | 5.1 | 48.1 - 60.0 | 35.0 - 46.6 | 2.3 - 7.9 | |
| 30+ | 408 | 415 | 48.5 | 45.8 | 5.7 | 43.3 - 53.7 | 40.6 - 51.0 | 3.3 - 8.1 | |
| Owner | | | | | | | | | |
| owner | 555 | 556 | 52.8 | 45.9 | 1.2 | 48.3 - 57.3 | 41.5 - 50.4 | 0.3 - 2.2 | |
| not owner | 442 | 439 | 50.0 | 48.0 | 2.0 | 45.0 - 55.0 | 43.0 - 53.0 | 0.5 - 3.5 | |

| | Sample | Weighted | Weighte | ed Percentage | Estimates | 95% Confidence Interval | | | |
|--------------------------|--------|----------|---------|---------------|-----------|-------------------------|-------------|-----------|--|
| | Count | Count | Yes | No | Missing | Yes | No | Missing | |
| Total | 1038 | 1038 | 56.2 | 42.6 | 1.2 | 53.0 - 59.4 | 39.4 - 45.8 | 0.5 - 1.9 | |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 98 | 65 | 67.3 | 32.7 | | 57.9 - 76.8 | 23.2 - 42.1 | - | |
| Internal Medicine | 256 | 370 | 63.1 | 35.3 | 1.6 | 57.1 - 69 | 29.4 - 41.3 | 0 - 3.2 | |
| General Pediatrics | 221 | 140 | 53.8 | 44.8 | 1.4 | 47.2 - 60.5 | 38.2 - 51.4 | 0 - 2.9 | |
| Specialist | 463 | 463 | 49.8 | 49.1 | 1.0 | 45.0 - 54.6 | 44.3 - 54.0 | 0.1 - 2.0 | |
| Practice Size | | | | | | | | | |
| 1 - 5 | 529 | 535 | 52.7 | 46.4 | 1.0 | 48.1 - 57.3 | 41.8 - 50.9 | 0.1 - 1.9 | |
| 6 - 19 | 313 | 304 | 53.2 | 45.8 | 0.9 | 47.3 - 59.2 | 39.9 - 51.8 | 0.0 - 2.1 | |
| 20+ | 158 | 159 | 73.9 | 24.8 | 1.3 | 66.7 - 81.1 | 17.7 - 31.8 | 0.0 - 3.3 | |
| Years Since Graduation | | | | | | | | | |
| under 10 | 67 | 66 | 49.9 | 47.9 | 2.3 | 36.7 - 63.0 | 34.7 - 61.1 | 0.0 - 6.7 | |
| 10 - 19 | 229 | 225 | 56.3 | 42.8 | 0.9 | 49.3 - 63.2 | 35.9 - 49.7 | 0.0 - 2.4 | |
| 20 - 29 | 311 | 311 | 55.7 | 43.6 | 0.7 | 49.7 - 61.6 | 37.7 - 49.6 | 0.0 - 1.7 | |
| 30+ | 408 | 415 | 57.1 | 41.8 | 1.1 | 52.0 - 62.2 | 36.6 - 46.9 | 0.1 - 2.2 | |
| Owner | | | | | | | | | |
| owner | 555 | 556 | 54.9 | 44.1 | 1.0 | 50.4 - 59.3 | 39.7 - 48.5 | 0.1 - 1.9 | |
| not owner | 442 | 439 | 57.2 | 41.6 | 1.3 | 52.3 - 62.1 | 36.6 - 46.5 | 0.1 - 2.4 | |

| | Sample | Weighted | | | Weighte | d Percentage I | stimates | | |
|--------------------------|--------|----------|------|-------|---------|----------------|----------|------|---------|
| | Count | Count | None | 1-25% | 26-50% | 51-75% | 76-99% | 100% | Missing |
| Total | 594 | 596 | 0.9 | 48.5 | 19.2 | 14.8 | 3.6 | 8.2 | 4.9 |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 66 | 44 | 45.5 | 21.2 | 10.6 | 3.0 | 15.2 | 4.5 | |
| Internal Medicine | 164 | 240 | 1.2 | 44.0 | 19.2 | 18.9 | 4.3 | 7.7 | 4.6 |
| General Pediatrics | 122 | 77 | 0.8 | 63.1 | 11.5 | 5.7 | 3.3 | 9.8 | 5.7 |
| Specialist | 242 | 235 | 0.6 | 48.8 | 21.3 | 14.3 | 3.0 | 6.9 | 5.0 |
| Practice Size | | | | | | | | | |
| 1-5 | 283 | 287 | 1.0 | 46.3 | 23.0 | 14.5 | 1.8 | 8.4 | 4.9 |
| 6 - 19 | 171 | 165 | 0.9 | 54.4 | 14.9 | 14.1 | 4.9 | 6.9 | 4.0 |
| 20+ | 116 | 120 | 0.6 | 46.6 | 16.6 | 14.8 | 5.0 | 11.2 | 5.2 |
| Years Since Graduation | | | | | | | | | |
| under 10 | 36 | 34 | 36.7 | 23.6 | 22.7 | 10.8 | 6.3 | | |
| 10 - 19 | 130 | 129 | 55.1 | 19.1 | 14.4 | 1.0 | 4.4 | 5.9 | |
| 20 - 29 | 175 | 175 | 0.4 | 49.7 | 20.5 | 11.3 | 6.4 | 7.3 | 4.4 |
| 30+ | 236 | 241 | 1.5 | 46.6 | 17.8 | 15.8 | 3.4 | 11.1 | 3.7 |
| Owner | | | | | | | | | |
| owner | 307 | 311 | 0.9 | 45.4 | 23.3 | 17.9 | 2.9 | 6.2 | 3.3 |
| not owner | 260 | 257 | 0.9 | 52.3 | 15.4 | 9.9 | 4.0 | 11.0 | 6.5 |

| 200 | 237 | 0.9 | 32.3 | 13.4 | 9.9 | 4.0 | 11.0 | 0.5 |
|---------------|-------------|-------------|-------------|-------------|---------------|------------|------------|-----------|
| | | | | 95% | Confidence In | iterval | | |
| | | None | 1-25% | 26-50% | 51-75% | 76-99% | 100% | Missing |
| Total | | 0.1 - 1.6 | 44.2 - 52.8 | 15.8 - 22.6 | 11.6 - 17.9 | 2.0 - 5.2 | 5.9 - 10.5 | 3.1 - 6.7 |
| Primary Area | of Practice | | | | | | | |
| Family Me | edicine | 33.1 - 57.8 | 11.1 - 31.3 | 3.0 - 18.2 | 0.0 - 7.3 | 6.3 - 24.0 | 0.0 - 9.7 | _ |
| Internal M | 1edicine | 0.0 - 3.0 | 36.3 - 51.7 | 13.1 - 25.4 | 12.8 - 25.0 | 1.2 - 7.5 | 3.6 - 11.8 | 1.4 - 7.8 |
| General P | ediatrics | 0.0 - 2.4 | 54.4 - 71.8 | 5.7 - 17.2 | 1.6 - 9.9 | 0.1 - 6.5 | 4.5 - 15.2 | 1.6 - 9.9 |
| Specialist | | 0.0 - 1.5 | 42.2 - 55.5 | 15.9 - 26.7 | 9.5 - 19.1 | 0.9 - 5.2 | 3.6 - 10.1 | 2.2 - 7.9 |
| Practice Size | | | | | | | | |
| 1-5 | | 0.0 - 2.2 | 40.1 - 52.6 | 17.7 - 28.4 | 9.9 - 19.1 | 0.1 - 3.5 | 4.9 - 11.9 | 2.3 - 7.5 |
| 6 - 19 | | 0.0 - 2.7 | 46.3 - 62.5 | 9.1 - 20.6 | 8.0 - 20.1 | 1.3 - 8.4 | 3.4 - 10.4 | 0.6 - 7.3 |
| 20+ | | 0.0 - 1.8 | 36.8 - 56.4 | 9.4 - 23.8 | 7.8 - 21.8 | 0.8 - 9.1 | 5.0 - 17.4 | 1.4 - 9.1 |
| Years Since G | raduation | | | | | | | |
| under 10 | | 19.1 - 54.3 | 8.4 - 38.9 | 6.7 - 38.6 | 0.0 - 21.9 | 0.0 - 15.7 | _ | _ |
| 10 - 19 | | 45.8 - 64.4 | 11.6 - 26.6 | 7.8 - 21.0 | 0.0 - 2.4 | 0.7 - 8.2 | 1.3 - 10.4 | _ |
| 20 - 29 | | 0.0 - 1.2 | 41.7 - 57.7 | 13.9 - 27.0 | 5.9 - 16.6 | 2.3 - 10.5 | 3.3 - 11.3 | 1.4 - 7.5 |
| 30+ | | 0.0 - 3.3 | 39.8 - 53.5 | 12.6 - 23.1 | 10.6 - 21 | 0.9 - 5.8 | 7.0 - 15.2 | 1.3 - 6.1 |
| Owner | | | | | | | | |
| owner | | 0.0 - 2.0 | 39.4 - 51.4 | 18.2 - 28.5 | 13.1 - 22.7 | 0.8 - 5.0 | 3.4 - 9.0 | 1.4 - 5.3 |
| not owne | r . | 0.0 - 2.1 | 45.8 - 58.9 | 10.7 - 20.1 | 5.8 - 13.9 | 1.5 - 6.4 | 7.0 - 15 | 3.2 - 9.8 |

| | | | | Weighted Perce | ntage Estimat | es | | 95% Confid | ence Interval | |
|--------------------------|--------|----------|----------|---------------------|---------------|-------|-------------|---------------------|---------------|--------------|
| | Sample | Weighted | Practice | | | | Practice | | | |
| | Count | Count | Group | Health Plans | ACOs | Other | Group | Health Plans | ACOs | Other |
| Total | 594 | 596 | 46.9 | 47.7 | 14.7 | 6.8 | 42.6 - 51.2 | 43.4 - 52.1 | 11.6 - 17.8 | 4.6 - 8.9 |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 66 | 44 | 60.6 | 47.0 | 28.8 | 4.5 | 48.5 - 72.7 | 34.6 - 59.3 | 17.6 - 40.0 | 0.0 - 9.7 |
| Internal Medicine | 164 | 240 | 48.0 | 50.4 | 16.7 | 4.9 | 40.2 - 55.7 | 42.7 - 58.2 | 10.9 - 22.6 | 1.6 - 8.2 |
| General Pediatrics | 122 | 77 | 37.7 | 54.1 | 13.1 | 8.2 | 29.0 - 46.4 | 45.1 - 63.1 | 7.0 - 19.2 | 3.3 - 13.1 |
| Specialist | 242 | 235 | 46.4 | 43.0 | 10.5 | 8.6 | 39.7 - 53.0 | 36.4 - 49.7 | 6.5 - 14.6 | 4.7 - 12.6 |
| Practice Size | | | | | | | | | | |
| 1-5 | 283 | 287 | 34.8 | 52.5 | 14.4 | 9.0 | 28.8 - 40.7 | 46.3 - 58.8 | 9.9 - 18.9 | 5.4 - 12.5 |
| 6 - 19 | 171 | 165 | 54.4 | 46.7 | 14.5 | 1.8 | 46.2 - 62.5 | 38.6 - 54.8 | 9.1 - 19.9 | 0.0 - 3.7 |
| 20+ | 116 | 120 | 66.8 | 40.8 | 15.2 | 6.8 | 57.6 - 76.1 | 31.2 - 50.5 | 8.2 - 22.2 | 1.6 - 12.0 |
| Years Since Graduation | | | | | | | | | | |
| under 10 | 36 | 34 | 62.0 | 16.7 | 10.9 | 93.8 | 44.0 - 80.0 | 3.9 - 29.4 | 0.0 - 23.5 | 84.5 - 100.0 |
| 10 - 19 | 130 | 129 | 52.4 | 46.6 | 16.3 | 10.8 | 43.1 - 61.7 | 37.3 - 55.9 | 9.5 - 23.1 | 4.8 - 16.7 |
| 20 - 29 | 175 | 175 | 45.2 | 47.6 | 15.2 | 6.8 | 37.2 - 53.1 | 39.6 - 55.6 | 9.4 - 21 | 2.8 - 10.7 |
| 30+ | 236 | 241 | 43.7 | 53.5 | 14.8 | 6.1 | 36.9 - 50.5 | 46.7 - 60.3 | 10.0- 19.6 | 3.0- 9.2 |
| Owner | | | | | | | | | | |
| owner | 307 | 311 | 38.8 | 64.2 | 17.4 | 4.0 | 32.9 - 44.6 | 58.5 - 70.0 | 12.9 - 21.9 | 1.6 - 6.3 |
| not owner | 260 | 257 | 56.5 | 29.7 | 11.4 | 8.7 | 50.1 - 63.0 | 23.7 - 35.6 | 7.2 - 15.6 | 5.1 - 12.4 |

Table Q30: "In the last 12 months have you received the results from patient experience surveys?"

Yes

46.1

61.2

49.6

38.5

43.5

36.4

48.7

71.7

39.9

46.4

48.0

45.2

38.1

55.5

Weighted Percentage Estimates

Missing

2.0

1.0

1.4

1.8

2.6

1.4

2.9

2.7

4.5

2.2

1.6

1.2

1.9

1.8

No

52.0

37.8

49.0

59.7

53.9

62.3

48.4

25.6

55.6

51.4

50.4

53.5

60.0

42.7

95% Confidence Interval

No

48.7 - 55.2

28.0 - 47.5

42.8 - 55.2

53.2 - 66.2

49.2 - 58.7

57.8 - 66.7

42.4 - 54.4

18.4 - 32.8

42.5 - 68.7

44.4 - 58.4

44.4 - 56.4

48.4 - 58.7

55.6 - 64.4

37.8 - 47.6

Missing

1.0 - 2.9

0.0 - 3

0.0 - 2.8

0.0 - 3.6

1.0 - 4.2

0.4 - 2.4

0.8 - 5

0.0 - 5.5

0.0 - 10.8

0.1 - 4.4

0.1 - 3.1

0.2 - 2.2

0.7 - 3.2

0.5 - 3.2

Yes

42.8 - 49.3

51.4 - 71.0

43.4 - 55.8

3.2.0 - 44.9

38.7 - 48.2

32.0 - 40.8

42.7 - 54.7

64.2 - 79.1

27.1 - 52.7

39.4 - 53.4

42.0 - 53.9

40.1 - 50.4

33.7 - 42.4

50.5 - 60.4

Sample Weighted

Count

1038

65

370

140

463

535

304

159

66

225

311

415

556

439

Count

1038

98

256

221

463

529

313

158

67

229

311

408

555

442

Total

Primary Area of Practice
Family Medicine

Internal Medicine

General Pediatrics

Years Since Graduation

Specialist

Practice Size 1 - 5

6 - 19

under 10

10 - 19

20 - 29

owner

not owner

30+

Owner

20+

Appendix B. Survey results

| Appendix B. | |
|-------------|--|
| Survey resu | |

| | | | | Weighte | d Percentage | Estimates | | | 95% C | onfidence Inte | rval | |
|--------------------------|--------|----------|----------|--------------|--------------|-----------|-------|-------------|-------------|----------------|------------|------------|
| | Sample | Weighted | Practice | Hardah Diana | 100- | Man dan | 0.1. | Practice | Health | 400- | Vandan | Outro |
| T-1-1 | Count | Count | Group | Health Plans | ACOs | Vendor | Other | Group | Plans | ACOs | Vendor | Other |
| Total | 502 | 499 | 69.2 | 13.3 | 7.6 | 4.9 | 7.3 | 64.9 - 73.5 | 10.0 - 16.6 | 5.1 - 10.1 | 2.9 - 7.0 | 4.9 - 9.7 |
| Primary Area of Practice | | | | | | | | | | | | |
| Family Medicine | 61 | 40 | 72.1 | 13.1 | 11.5 | 6.6 | 4.9 | 60.6 - 83.7 | 4.4 - 21.8 | 3.2 - 19.7 | 0.2 - 12.9 | 0.0 - 10.5 |
| Internal Medicine | 131 | 189 | 69.8 | 17.7 | 7.9 | 5.9 | 4.7 | 61.8 - 77.9 | 11.0 - 24.3 | 3.1 - 12.6 | 1.8 - 9.9 | 1.0 - 8.5 |
| General Pediatrics | 89 | 56 | 66.3 | 11.2 | 9.0 | 3.4 | 7.9 | 56.3 - 76.3 | 4.5 - 17.9 | 2.9 - 15.0 | 0.0 - 7.2 | 2.2 - 13.6 |
| Specialist | 221 | 213 | 68.9 | 10.0 | 6.3 | 4.2 | 9.9 | 62.5 - 75.3 | 5.7 - 14.3 | 2.9 - 9.6 | 1.4 - 7.1 | 5.8 - 14.0 |
| Practice Size | | | | | | | | | | | | |
| 1 - 5 | 205 | 202 | 61.4 | 18.0 | 10.4 | 4.6 | 10.4 | 54.3 - 68.6 | 12.1 - 23.8 | 5.8 - 14.9 | 1.5 - 7.6 | 6.0 - 14.9 |
| 6 - 19 | 161 | 157 | 69.8 | 10.2 | 6.7 | 4.2 | 7.6 | 62.0 - 77.5 | 5.1 - 15.3 | 2.6 - 10.9 | 0.7 - 7.7 | 3.2 - 12.0 |
| 20+ | 115 | 118 | 81.3 | 11.3 | 4.9 | 7.5 | 1.8 | 73.7 - 89.0 | 4.7 - 17.9 | 0.7 - 9 | 2.2 - 12.9 | 0.0 - 3.9 |
| Years Since Graduation | | | | | | | | | | | | |
| under 10 | 29 | 29 | 69.6 | 89.8 | 7.7 | 7.8 | 4.7 | 50.2 - 89.0 | 75.7 - 100 | 0.0 - 19.2 | 0 - 19.2 | 0.0 - 11.5 |
| 10 - 19 | 108 | 109 | 76.8 | 7.2 | 3.2 | 3.9 | 8.8 | 68.3 - 85.4 | 1.7 - 12.8 | 0.0 - 6.5 | 0 - 8.1 | 3.2 - 14.5 |
| 20 - 29 | 155 | 154 | 65.5 | 15.5 | 9.0 | 5.7 | 7.6 | 57.4 - 73.7 | 9.2 - 21.8 | 4.1 - 13.9 | 1.6 - 9.7 | 2.9 - 12.2 |
| 30+ | 196 | 193 | 68.3 | 17.2 | 8.8 | 4.5 | 6.8 | 61.4 - 75.2 | 11.2 - 23.1 | 4.6 - 12.9 | 1.4 - 7.6 | 3.2 - 10.3 |
| Owner | | | | | | | | | | | | |
| owner | 223 | 222 | 68.9 | 23.4 | 8.1 | 3.4 | 7.3 | 62.3 - 75.6 | 17.2 - 29.6 | 4.3 - 11.9 | 0.5 - 6.2 | 3.6 - 11.0 |
| not owner | 255 | 252 | 70.0 | 5.4 | 7.4 | 6.8 | 7.5 | 64.0 - 76.0 | 2.5 - 8.3 | 3.9 - 10.9 | 3.6 - 10.0 | 4.2 - 10.9 |

Table Q32: "Does your main practice site have an EHR system?"

Total

Primary Area of Practice
Family Medicine

Internal Medicine

General Pediatrics

Years Since Graduation

Specialist

Practice Size

6 - 19

Under 10

Not Owner

10 - 19

20 - 29

30+

Owner Owner

20+

Sample

Count

1038

98

256

221

463

529

313

158

67

229

311

408

555

442

Weighted

Count

1038

65

370

140

463

535

304

159

66

225

311

415

556

439

Yes

81.9

88.8

76.4

80.1

85.8

70.6

92.8

95.9

92.2

88.7

82.4

76.5

77.0

87.2

Weighted Percentage Estimates

No

17.5

11.2

22.8

19.0

13.8

28.9

6.5

2.7

5.5

10.4

17.4

23.3

22.4

12.4

95% Confidence Interval

No

15 - 20

4.9 - 17.6

17.6 - 28

13.8 - 24.2

10.4 - 17.1

24.7 - 33.1

3.6 - 9.5

0 - 5.6

0 - 12

6.2 - 14.6

12.9 - 21.9

18.8 - 27.8

18.5 - 26.2

9.2 - 15.7

Missing

0.1 - 1.2

0 - 1.9

0 - 2.2

0 - 1.2

0 - 1

0 - 1.7

0 - 3.3

0 - 6.7

0 - 2.4

0 - 0.6

0 - 0.5

0 - 1.3

0 - 1

Yes

79.3 - 84.4

82.4 - 95.1

71.2 - 81.7

74.8 - 85.4

82.4 - 89.2

66.4 - 74.9

89.7 - 95.9

92.5 - 99.4

84.5 - 100

84.3 - 93.1

77.8 - 86.9

72 - 81

73.2 - 80.9

83.9 - 90.5

Missing

0.6

0.8

0.9

0.5

0.4

0.7

1.3

2.3

0.9

0.2

0.2

0.6

0.3

| Appendix |
|----------|
| В. |
| Survey |
| results |

| | | | | | Weighted P | ercentage | Estimates | | |
|--------------------------|--------|----------|------------|--------|----------------|-----------|------------------|-------|---------|
| | Sample | Weighted | | | | | | | |
| | Count | Count | Allscripts | Athena | eClinicalWorks | Epic | NextGen | Other | Missing |
| Total | 864 | 856 | 21.1 | 3.7 | 7.9 | 17.6 | 13.3 | 34.1 | 2.2 |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 87 | 58 | 40.2 | 2.3 | 14.9 | 4.6 | | 35.6 | 2.3 |
| Internal Medicine | 197 | 286 | 23.8 | 2.6 | 12.2 | 12.7 | 11.9 | 33.6 | 3.1 |
| General Pediatrics | 179 | 113 | 29.6 | 5.0 | 6.7 | 10.1 | 4.5 | 41.9 | 2.2 |
| Specialist | 401 | 399 | 14.0 | 4.3 | 4.2 | 25.1 | 18.7 | 32.1 | 1.6 |
| Practice Size | | | | | | | | | |
| 1-5 | 381 | 380 | 23.2 | 4.3 | 8.4 | 13.6 | 7.4 | 40.6 | 2.5 |
| 6 - 19 | 293 | 284 | 12.3 | 4.7 | 9.3 | 21.4 | 22.5 | 28.6 | 1.2 |
| 20+ | 154 | 155 | 33.3 | 0.4 | 5.1 | 20.4 | 7.7 | 29.8 | 3.2 |
| Years Since Graduation | | | | | | | | | |
| Under 10 | 64 | 62 | 13.4 | 9.1 | 15.8 | 17.9 | 18.1 | 22.3 | 3.5 |
| 10 - 19 | 204 | 201 | 22.1 | 1.4 | 7.7 | 20.1 | 11.0 | 35.7 | 2.1 |
| 20 - 29 | 257 | 257 | 22.8 | 3.6 | 8.3 | 14.9 | 12.7 | 36.0 | 1.7 |
| 30+ | 320 | 318 | 21.0 | 4.1 | 6.0 | 18.8 | 14.4 | 33.5 | 2.2 |
| Owner | | | | | | | | | |
| Owner | 441 | 432 | 23.5 | 5.0 | 5.3 | 9.0 | 14.6 | 40.8 | 1.8 |
| Not Owner | 384 | 385 | 19.2 | 2.2 | 11.3 | 27.1 | 10.9 | 26.7 | 2.6 |

| | | | 95% Cd | nfidence Inte | erval | | |
|--------------------------|-------------|-----------|----------------|---------------|-------------|-------------|-----------|
| | Allscripts | Athena | eClinicalWorks | Epic | NextGen | Other | Missing |
| Total | 18.3 - 24 | 2.5 - 5 | 6 - 9.9 | 14.9 - 20.3 | 10.7 - 15.9 | 30.8 - 37.5 | 1.2 - 3.3 |
| Primary Area of Practice | | | | | | | |
| Family Medicine | 29.7 - 50.7 | 0 - 5.5 | 7.3 - 22.6 | 0.1 - 9.1 | | 25.4 - 45.9 | 0 - 5.5 |
| Internal Medicine | 17.8 - 29.9 | 0.3 - 4.9 | 7.5 - 16.8 | 8 - 17.4 | 7.3 - 16.6 | 27 - 40.3 | 0.6 - 5.6 |
| General Pediatrics | 22.9 - 36.4 | 1.8 - 8.3 | 3 - 10.4 | 5.6 - 14.5 | 1.4 - 7.5 | 34.6 - 49.2 | 0 - 4.4 |
| Specialist | 10.6 - 17.5 | 2.4 - 6.2 | 2.2 - 6.2 | 20.7 - 29.5 | 14.3 - 23.1 | 27.3 - 36.9 | 0.4 - 2.8 |
| Practice Size | | | | | | | |
| 1-5 | 18.8 - 27.6 | 2 - 6.5 | 5.3 - 11.5 | 9.9 - 17.3 | 4.3 - 10.6 | 35.3 - 45.8 | 0.7 - 4.3 |
| 6 - 19 | 8.5 - 16 | 2.6 - 6.8 | 5.7 - 12.9 | 16.4 - 26.4 | 16.9 - 28 | 23 - 34.2 | 0 - 2.6 |
| 20+ | 25.2 - 41.4 | 0 - 1.3 | 1.4 - 8.9 | 13.7 - 27.2 | 2.9 - 12.6 | 22.2 - 37.5 | 0.5 - 5.9 |
| Years Since Graduation | | | | | | | |
| Under 10 | 4.8 - 22.1 | 2 - 16.1 | 6.4 - 25.2 | 7.1 - 28.7 | 6.9 - 29.3 | 11.2 - 33.3 | 0 - 8.6 |
| 10 - 19 | 16.1 - 28.1 | 0 - 2.8 | 3.6 - 11.8 | 14.2 - 26 | 6 - 15.9 | 28.6 - 42.7 | 0.1 - 4.1 |
| 20 - 29 | 17.3 - 28.2 | 1.4 - 5.9 | 4.5 - 12.1 | 10.2 - 19.6 | 8 - 17.4 | 29.7 - 42.2 | 0 - 3.5 |
| 30+ | 16.3 - 25.6 | 1.9 - 6.4 | 3.3 - 8.8 | 14.3 - 23.4 | 9.9 - 18.9 | 28 - 39 | 0.5 - 3.9 |
| Owner | | | | | | | |
| Owner | 19.3 - 27.6 | 3 - 7 | 3 - 7.5 | 6 - 12 | 10.7 - 18.5 | 35.9 - 45.7 | 0.5 - 3.1 |
| Not Owner | 15.1 - 23.4 | 0.7 - 3.8 | 7.9 - 14.7 | 22.4 - 31.8 | 7.4 - 14.5 | 21.9 - 31.4 | 0.8 - 4.3 |

| (| |
|---|---|
| (| - |

| | Sample | Weighted | | Weighte | ed Percentage | Estimates | | | 95% | Confidence | Interval | |
|--------------------------|--------|----------|-------------|-----------|---------------|-----------|---------|-------------|-------------|-------------|-------------|------------|
| | Count | Count | Before 2005 | 2005-2010 | 2011-2012 | 2013-2014 | Missing | Before 2005 | 2005-2010 | 2011-2012 | 2013-2014 | Missing |
| Total | 864 | 856 | 7.4 | 35.9 | 32.6 | 17.9 | 6.2 | 5.5 - 9.3 | 32.5 - 39.4 | 29.2 - 35.9 | 15.2 - 20.6 | 4.5 - 8 |
| Primary Area of Practice | | | | | | | | | | | | |
| Family Medicine | 87 | 58 | 10.3 | 52.9 | 21.8 | 8.0 | 6.9 | 3.8 - 16.9 | 42.2 - 63.6 | 13 - 30.7 | 2.2 - 13.9 | 1.5 - 12.3 |
| Internal Medicine | 197 | 286 | 8.5 | 37.0 | 30.8 | 15.8 | 7.8 | 4.6 - 12.5 | 30.2 - 43.9 | 24.3 - 37.4 | 10.6 - 21 | 4 - 11.6 |
| General Pediatrics | 179 | 113 | 5.0 | 42.5 | 30.7 | 17.9 | 3.9 | 1.8 - 8.3 | 35.1 - 49.8 | 23.9 - 37.6 | 12.2 - 23.5 | 1 - 6.8 |
| Specialist | 401 | 399 | 6.8 | 30.9 | 35.9 | 20.7 | 5.7 | 4.2 - 9.4 | 26 - 35.7 | 30.9 - 40.8 | 16.7 - 24.8 | 3.4 - 8.1 |
| Practice Size | | | | | | | | | | | | |
| 1-5 | 381 | 380 | 4.5 | 33.2 | 36.2 | 19.9 | 6.2 | 2.3 - 6.6 | 28.1 - 38.3 | 31 - 41.4 | 15.6 - 24.2 | 3.6 - 8.8 |
| 6 - 19 | 293 | 284 | 11.5 | 34.3 | 32.1 | 17.1 | 5.1 | 7.5 - 15.4 | 28.4 - 40.1 | 26.2 - 37.9 | 12.6 - 21.6 | 2.3 - 7.9 |
| 20+ | 154 | 155 | 8.9 | 44.5 | 23.8 | 15.2 | 7.6 | 3.9 - 13.9 | 36 - 52.9 | 16.6 - 30.9 | 9.2 - 21.2 | 3.2 - 12.1 |
| Years Since Graduation | | | | | | | | | | | | |
| under 10 | 64 | 62 | 1.1 | 34.9 | 33.3 | 11.7 | 19.1 | 0 - 3.2 | 21.9 - 47.8 | 20.5 - 46 | 3.3 - 20.1 | 8.4 - 29.7 |
| 10 - 19 | 204 | 201 | 7.5 | 33.7 | 35.9 | 17.8 | 5.0 | 3.7 - 11.4 | 26.8 - 40.7 | 28.7 - 43.1 | 12.3 - 23.4 | 2 - 8 |
| 20 - 29 | 257 | 257 | 7.3 | 40.3 | 29.9 | 17.7 | 4.8 | 3.8 - 10.8 | 33.8 - 46.7 | 23.8 - 35.9 | 12.8 - 22.6 | 1.9 - 7.8 |
| 30+ | 320 | 318 | 9.0 | 33.7 | 33.0 | 19.3 | 5.1 | 5.6 - 12.4 | 28.1 - 39.3 | 27.5 - 38.4 | 14.7 - 23.9 | 2.4 - 7.8 |
| Owner | | | | | | | | | | | | |
| owner | 441 | 432 | 9.0 | 42.4 | 30.4 | 16.9 | 1.3 | 6.1 - 11.8 | 37.5 - 47.4 | 25.7 - 35 | 13.2 - 20.7 | 0.3 - 2.4 |
| not owner | 384 | 385 | 6.4 | 28.5 | 34.7 | 19.3 | 11.1 | 3.7 - 9.1 | 23.6 - 33.4 | 29.7 - 39.8 | 15.1 - 23.4 | 7.7 - 14.5 |

| * | Appendix B. |
|---|----------------|
| • | Survey results |

| | Sample | Weighted | Weight | ed Percentage | Estimates | 95% (| Confidence Int | erval |
|--------------------------|--------|----------|--------|---------------|-----------|-------------|----------------|-----------|
| | Count | Count | Yes | No | Missing | Yes | No | Missing |
| Total | 864 | 856 | 23.2 | 75.2 | 1.6 | 20.2 - 26.2 | 72.1 - 78.2 | 0.7 - 2.5 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 87 | 58 | 23.0 | 75.9 | 1.1 | 14 - 32 | 66.7 - 85 | 0 - 3.4 |
| Internal Medicine | 197 | 286 | 28.2 | 70.2 | 1.6 | 21.8 - 34.6 | 63.7 - 76.7 | 0 - 3.3 |
| General Pediatrics | 179 | 113 | 34.6 | 63.7 | 1.7 | 27.6 - 41.7 | 56.6 - 70.8 | 0 - 3.6 |
| Specialist | 401 | 399 | 16.5 | 81.9 | 1.7 | 12.7 - 20.2 | 77.9 - 85.8 | 0.3 - 3.1 |
| Practice Size | | | | | | | | |
| 1-5 | 381 | 380 | 27.9 | 69.6 | 2.5 | 23.1 - 32.7 | 64.7 - 74.6 | 0.8 - 4.2 |
| 6 - 19 | 293 | 284 | 18.0 | 81.2 | 0.7 | 13.5 - 22.5 | 76.6 - 85.8 | 0 - 1.9 |
| 20+ | 154 | 155 | 23.6 | 75.0 | 1.4 | 16.1 - 31.2 | 67.3 - 82.7 | 0 - 3.4 |
| Years Since Graduation | | | | | | | | |
| Under 10 | 64 | 62 | 19.0 | 77.5 | 3.5 | 8.8 - 29.3 | 66.4 - 88.6 | 0 - 8.6 |
| 10 - 19 | 204 | 201 | 21.3 | 77.7 | 1.1 | 15.3 - 27.2 | 71.6 - 83.7 | 0 - 2.6 |
| 20 - 29 | 257 | 257 | 27.8 | 71.4 | 0.8 | 22 - 33.7 | 65.5 - 77.3 | 0 - 2.1 |
| 30+ | 320 | 318 | 21.1 | 77.3 | 1.6 | 16.3 - 25.9 | 72.3 - 82.2 | 0.1 - 3.1 |
| Owner | | | | | | | | |
| Owner | 441 | 432 | 28.1 | 70.3 | 1.7 | 23.6 - 32.5 | 65.7 - 74.8 | 0.4 - 3 |
| Not Owner | 384 | 385 | 17.9 | 80.8 | 1.3 | 13.8 - 22 | 76.5 - 85 | 0.1 - 2.5 |

| | Sample | Weighted | Weight | ed Percentage | e Estimates | 95% | Confidence Int | erval |
|--------------------------|--------|----------|--------|---------------|-------------|-------------|----------------|-----------|
| | Count | Count | Yes | No | Missing | Yes | No | Missing |
| Total | 864 | 856 | 13.3 | 84.8 | 1.9 | 10.9 - 15.8 | 82.2 - 87.4 | 0.9 - 2.8 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 87 | 58 | 14.9 | 80.5 | 4.6 | 7.3 - 22.6 | 72 - 89 | 0.1 - 9.1 |
| Internal Medicine | 197 | 286 | 17.9 | 80.6 | 1.6 | 12.4 - 23.3 | 74.9 - 86.2 | 0 - 3.3 |
| General Pediatrics | 179 | 113 | 13.4 | 85.5 | 1.1 | 8.4 - 18.4 | 80.3 - 90.7 | 0 - 2.7 |
| Specialist | 401 | 399 | 9.8 | 88.4 | 1.9 | 6.7 - 12.8 | 85 - 91.7 | 0.4 - 3.3 |
| Practice Size | | | | | | | | |
| 1 - 5 | 381 | 380 | 16.9 | 80.2 | 2.9 | 12.8 - 21 | 75.9 - 84.6 | 1.1 - 4.7 |
| 6 - 19 | 293 | 284 | 9.6 | 89.6 | 0.7 | 6.1 - 13.1 | 86 - 93.3 | 0 - 1.9 |
| 20+ | 154 | 155 | 12.0 | 86.2 | 1.8 | 6.2 - 17.8 | 80.1 - 92.3 | 0 - 4 |
| Years Since Graduation | | | | | | | | |
| Under 10 | 64 | 62 | 13.8 | 82.7 | 3.5 | 5 - 22.6 | 72.9 - 92.6 | 0 - 8.6 |
| 10 - 19 | 204 | 201 | 9.4 | 88.2 | 2.5 | 5.1 - 13.6 | 83.4 - 92.9 | 0.1 - 4.8 |
| 20 - 29 | 257 | 257 | 13.5 | 85.6 | 0.8 | 9 - 18 | 81 - 90.3 | 0 - 2.1 |
| 30+ | 320 | 318 | 15.0 | 83.9 | 1.1 | 10.6 - 19.3 | 79.4 - 88.4 | 0 - 2.3 |
| Owner | | | | | | | | |
| Owner | 441 | 432 | 15.1 | 82.9 | 2.0 | 11.5 - 18.8 | 79 - 86.7 | 0.6 - 3.4 |
| Not Owner | 384 | 385 | 11.3 | 87.6 | 1.1 | 7.9 - 14.7 | 84.1 - 91.1 | 0.1 - 2.1 |

| | Sample | Weighted | Weight | ed Percentage | Estimates | 95% | Confidence Int | erval |
|--------------------------|--------|----------|--------|---------------|------------------|-------------|----------------|-----------|
| | Count | Count | Yes | No | Missing | Yes | No | Missing |
| Total | 864 | 856 | 69.5 | 28.8 | 1.7 | 66.2 - 72.8 | 25.5 - 32 | 0.8 - 2.6 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 87 | 58 | 72.4 | 26.4 | 1.1 | 62.8 - 82 | 17 - 35.9 | 0 - 3.4 |
| Internal Medicine | 197 | 286 | 74.1 | 23.8 | 2.1 | 68 - 80.3 | 17.8 - 29.8 | 0 - 4.1 |
| General Pediatrics | 179 | 113 | 62.0 | 36.9 | 1.1 | 54.8 - 69.2 | 29.7 - 44 | 0 - 2.7 |
| Specialist | 401 | 399 | 67.9 | 30.4 | 1.7 | 62.9 - 72.9 | 25.4 - 35.3 | 0.5 - 2.9 |
| Practice Size | | | | | | | | |
| 1-5 | 381 | 380 | 67.6 | 30.7 | 1.7 | 62.5 - 72.7 | 25.6 - 35.7 | 0.4 - 3.1 |
| 6 - 19 | 293 | 284 | 68.6 | 29.3 | 2.1 | 62.9 - 74.4 | 23.6 - 35 | 0.3 - 3.8 |
| 20+ | 154 | 155 | 78.8 | 19.8 | 1.4 | 71.8 - 85.9 | 12.9 - 26.7 | 0 - 3.4 |
| Years Since Graduation | | | | | | | | |
| Under 10 | 64 | 62 | 81.0 | 15.6 | 3.5 | 70 - 91.9 | 5.4 - 25.7 | 0 - 8.6 |
| 10 - 19 | 204 | 201 | 72.9 | 26.1 | 1.1 | 66.3 - 79.5 | 19.6 - 32.6 | 0 - 2.6 |
| 20 - 29 | 257 | 257 | 69.7 | 29.8 | 0.5 | 63.6 - 75.8 | 23.7 - 35.9 | 0 - 1.3 |
| 30+ | 320 | 318 | 65.6 | 32.3 | 2.1 | 60 - 71.3 | 26.7 - 37.8 | 0.5 - 3.7 |
| Owner | | | | | | | | |
| Owner | 441 | 432 | 67.9 | 30.6 | 1.5 | 63.2 - 72.6 | 26 - 35.3 | 0.3 - 2.7 |
| Not Owner | 384 | 385 | 72.5 | 25.8 | 1.7 | 67.7 - 77.4 | 21 - 30.5 | 0.4 - 3.1 |

| | | | | \ | Veighted Perce | ntage Estimate | es . | |
|--------------------------|--------|-------------------|------------------|-------------------|-----------------------|----------------------|------------------|---------|
| | Sample | Weighted Count | Very Positive | Somewhat Positive | | Somewhat Negative | Very Negative | Missing |
| | Count | | Effect | Effect | No Effect | Effect | Effect | |
| Total | 1038 | 1038 | 3.3 | 21.4 | 40.4 | 21.0 | 10.8 | 3.2 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 98 | 65 | 2.0 | 23.5 | 34.7 | 25.5 | 12.2 | 2.0 |
| Internal Medicine | 256 | 370 | 4.0 | 21.7 | 41.2 | 18.2 | 10.2 | 4.6 |
| General Pediatrics | 221 | 140 | 2.3 | 17.2 | 49.3 | 17.2 | 11.8 | 2.3 |
| Specialist | 463 | 463 | 3.3 | 22.0 | 37.8 | 23.8 | 10.7 | 2.4 |
| Practice Size | | | | | | | | |
| 1-5 | 529 | 535 | 3.7 | 17.3 | 41.2 | 21.2 | 13.6 | 3.2 |
| 6 - 19 | 313 | 304 | 3.1 | 24.6 | 36.9 | 24.1 | 7.9 | 3.5 |
| 20+ | 158 | 159 | 3.0 | 32.2 | 43.7 | 12.9 | 5.9 | 2.3 |
| Years Since Graduation | | | | | | | | |
| Under 10 | 67 | 66 | 9.5 | 24.8 | 46.3 | 9.5 | 3.2 | 6.8 |
| 10 - 19 | 229 | 225 | 4.7 | 26.9 | 37.2 | 21.8 | 7.4 | 2.0 |
| 20 - 29 | 311 | 311 | 3.6 | 18.0 | 43.4 | 22.3 | 10.1 | 2.6 |
| 30+ | 408 | 415 | 1.3 | 20.1 | 38.3 | 22.6 | 14.4 | 3.4 |
| Owner | | | | | | | | |
| Owner | 555 | 556 | 2.9 | 20.3 | 39.9 | 22.6 | 12.6 | 1.7 |
| Not Owner | 442 | 439 | 4.0 | 23.3 | 41.3 | 18.5 | 7.8 | 5.0 |

| - | | | | =0.0 | 1210 | 20.0 | 7.0 | 5.0 |
|------------|--------------|------|------------|-------------|-------------|-----------------|-------------|-----------|
| | | | | | 95% Confi | dence Interval | | |
| | | | Very | Somewhat | | | Very | |
| | | | Positive | Positive | | Somewhat | Negative | |
| | | | Effect | Effect | No Effect | Negative Effect | Effect | Missing |
| Total | | | 2.1 - 4.5 | 18.7 - 24 | 37.2 - 43.6 | 18.4 - 23.7 | 8.7 - 12.8 | 2 - 4.3 |
| Primary A | Area of Prac | tice | | | | | | |
| Family | / Medicine | | 0 - 4.9 | 14.9 - 32 | 25.1 - 44.3 | 16.7 - 34.3 | 5.6 - 18.9 | 0 - 4.9 |
| Intern | al Medicine | | 1.6 - 6.5 | 16.6 - 26.9 | 35.1 - 47.3 | 13.4 - 23 | 6.4 - 14 | 2 - 7.2 |
| Gener | al Pediatric | S | 0.3 - 4.2 | 12.2 - 22.2 | 42.7 - 56 | 12.2 - 22.2 | 7.5 - 16 | 0.3 - 4.2 |
| Specia | list | | 1.6 - 5 | 18.1 - 25.9 | 33.1 - 42.4 | 19.7 - 28 | 7.7 - 13.7 | 0.9 - 3.9 |
| Practice S | Size | | | | | | | |
| 1-5 | | | 1.9 - 5.5 | 13.8 - 20.7 | 36.7 - 45.7 | 17.4 - 24.9 | 10.4 - 16.7 | 1.5 - 4.8 |
| 6 - 19 | | | 1 - 5.1 | 19.5 - 29.7 | 31.1 - 42.6 | 18.9 - 29.2 | 4.7 - 11 | 1.3 - 5.8 |
| 20+ | | | 0-6 | 24.3 - 40 | 35.4 - 52.1 | 7.4 - 18.5 | 2.3 - 9.6 | 0 - 5 |
| Years Sin | ce Graduati | on | | | | | | |
| Under | 10 | | 1.7 - 17.3 | 13.6 - 35.9 | 33.1 - 59.4 | 2.3 - 16.7 | 0 - 6.8 | 0 - 14.3 |
| 10 - 19 |) | | 1.5 - 7.8 | 20.8 - 33 | 30.4 - 43.9 | 16 - 27.7 | 3.7 - 11.2 | 0 - 4 |
| 20 - 29 |) | | 1.3 - 5.9 | 13.5 - 22.6 | 37.5 - 49.3 | 17.2 - 27.4 | 6.6 - 13.6 | 0.6 - 4.6 |
| 30+ | | | 0.1 - 2.4 | 15.8 - 24.3 | 33.2 - 43.3 | 18.3 - 26.9 | 10.7 - 18 | 1.5 - 5.4 |
| Owner | | | | | | | | |
| Owne | r | | 1.4 - 4.4 | 16.7 - 23.9 | 35.5 - 44.2 | 18.8 - 26.4 | 9.6 - 15.6 | 0.6 - 2.8 |
| Not O | wner | | 1.9 - 6.1 | 19.1 - 27.5 | 36.4 - 46.2 | 14.8 - 22.3 | 5.1 - 10.5 | 2.7 - 7.3 |

| | | | | | Weighted Perc | entage Estimates | | |
|--------------------------|-----------------|-------------------|-------------------------|-----------------------------|---------------|--------------------------|-------------------------|---------|
| | Sample Count | Weighted Count | Very Positive Effect | Somewhat Positive Effect | No Effect | Somewhat Negative Effect | Very Negative Effect | Missing |
| Total | 1038 | 1038 | 8.9 | 42.4 | 21.7 | 18.5 | 6.3 | 2.1 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 98 | 65 | 9.2 | 49.0 | 23.5 | 8.2 | 7.1 | 3.1 |
| Internal Medicine | 256 | 370 | 11.0 | 41.2 | 18.8 | 20.6 | 6.4 | 2.0 |
| General Pediatrics | 221 | 140 | 9.0 | 46.6 | 18.6 | 17.6 | 5.0 | 3.2 |
| Specialist | 463 | 463 | 7.2 | 41.3 | 24.7 | 18.5 | 6.5 | 1.8 |
| Practice Size | | | | | | | | |
| 1-5 | 529 | 535 | 8.8 | 37.4 | 24.2 | 20.8 | 6.9 | 2.0 |
| 6 - 19 | 313 | 304 | 8.4 | 47.3 | 18.8 | 16.1 | 6.4 | 3.0 |
| 20+ | 158 | 159 | 11.4 | 49.8 | 19.6 | 16.3 | 2.5 | 0.4 |
| Years Since Graduation | | | | | | | | |
| Under 10 | 67 | 66 | 19.8 | 43.5 | 16.6 | 15.5 | | 4.5 |
| 10 - 19 | 229 | 225 | 9.1 | 45.0 | 21.0 | 19.7 | 3.9 | 1.2 |
| 20 - 29 | 311 | 311 | 7.7 | 42.8 | 21.2 | 20.5 | 6.3 | 1.4 |
| 30+ | 408 | 415 | 7.1 | 41.4 | 22.8 | 17.7 | 8.4 | 2.5 |
| Owner | | | | | | | | |
| Owner | 555 | 556 | 9.0 | 39.2 | 24.4 | 19.2 | 6.4 | 1.7 |
| Not Owner | 442 | 439 | 9.2 | 45.4 | 19.4 | 18.0 | 5.4 | 2.5 |

| | | | 95% Confid | dence Interval | | |
|--------------------------|------------|-------------|-------------|-----------------|------------|-----------|
| | Very | Somewhat | | | Very | |
| | Positive | Positive | | Somewhat | Negative | |
| | Effect | Effect | No Effect | Negative Effect | Effect | Missing |
| Total | 7.1 - 10.8 | 39.2 - 45.7 | 19 - 24.3 | 15.9 - 21.1 | 4.7 - 7.9 | 1.2 - 3 |
| Primary Area of Practice | | | | | | |
| Family Medicine | 3.4 - 15 | 38.9 - 59.1 | 14.9 - 32 | 2.6 - 13.7 | 2 - 12.3 | 0 - 6.5 |
| Internal Medicine | 7.1 - 14.9 | 35.1 - 47.3 | 13.9 - 23.7 | 15.6 - 25.6 | 3.4 - 9.5 | 0.3 - 3.8 |
| General Pediatrics | 5.2 - 12.9 | 40 - 53.2 | 13.4 - 23.7 | 12.6 - 22.7 | 2.1 - 7.9 | 0.8 - 5.5 |
| Specialist | 4.7 - 9.7 | 36.5 - 46 | 20.6 - 28.8 | 14.8 - 22.3 | 4.1 - 8.9 | 0.6 - 3 |
| Practice Size | | | | | | |
| 1-5 | 6.1 - 11.4 | 33 - 41.8 | 20.3 - 28 | 17 - 24.5 | 4.5 - 9.3 | 0.8 - 3.2 |
| 6 - 19 | 5.2 - 11.7 | 41.3 - 53.2 | 14.1 - 23.4 | 11.7 - 20.5 | 3.5 - 9.3 | 1-5 |
| 20+ | 5.7 - 17.1 | 41.4 - 58.2 | 12.9 - 26.3 | 10 - 22.5 | 0.3 - 4.8 | 0 - 1.2 |
| Years Since Graduation | | | | | | |
| Under 10 | 9.8 - 29.9 | 30.5 - 56.5 | 6.4 - 26.8 | 5.8 - 25.1 | | 0 - 10.8 |
| 10 - 19 | 5.1 - 13.2 | 38.1 - 52 | 15.3 - 26.6 | 14.1 - 25.3 | 1.1 - 6.8 | 0 - 2.7 |
| 20 - 29 | 4.5 - 10.9 | 36.9 - 48.8 | 16.4 - 26 | 15.7 - 25.3 | 3.4 - 9.3 | 0.1 - 2.7 |
| 30+ | 4.3 - 10 | 36.3 - 46.6 | 18.6 - 27.1 | 13.6 - 21.7 | 5.5 - 11.3 | 1 - 4.1 |
| Owner | | | | | | |
| Owner | 6.3 - 11.6 | 34.9 - 43.6 | 20.6 - 28.2 | 15.6 - 22.9 | 4.2 - 8.6 | 0.7 - 2.8 |
| Not Owner | 6.3 - 12.1 | 40.5 - 50.4 | 15.5 - 23.3 | 14.2 - 21.9 | 3.2 - 7.7 | 0.9 - 4.1 |

| | | | | | Weighted Perc | centage Estimates | | |
|---------------------------|-----------------|-------------------|-------------------------|--------------------------|---------------|--------------------------|-------------------------|---------|
| | Sample Count | Weighted Count | Very Positive Effect | Somewhat Positive Effect | No Effect | Somewhat Negative Effect | Very Negative Effect | Missing |
| Total | 1038 | 1038 | 7.4 | 25.7 | 17.6 | 30.5 | 17.0 | 1.7 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 98 | 65 | 5.1 | 22.4 | 15.3 | 40.8 | 15.3 | 1.0 |
| Internal Medicine | 256 | 370 | 8.0 | 26.1 | 18.0 | 29.1 | 16.8 | 2.0 |
| General Pediatrics | 221 | 140 | 6.3 | 22.6 | 19.0 | 34.4 | 16.3 | 1.4 |
| Specialist | 463 | 463 | 7.6 | 26.8 | 17.3 | 29.0 | 17.7 | 1.6 |
| Practice Size | | | | | | | | |
| 1-5 | 529 | 535 | 6.2 | 21.3 | 20.5 | 32.3 | 17.7 | 1.9 |
| 6 - 19 | 313 | 304 | 9.3 | 28.8 | 14.6 | 27.6 | 17.5 | 2.2 |
| 20+ | 158 | 159 | 6.9 | 35.1 | 15.2 | 29.3 | 13.0 | 0.5 |
| ears Since Graduation | | | | | | | | |
| Under 10 | 67 | 66 | 12.5 | 29.2 | 21.3 | 30.2 | 2.1 | 4.5 |
| 10 - 19 | 229 | 225 | 9.1 | 27.0 | 17.7 | 30.8 | 14.4 | 0.9 |
| 20 - 29 | 311 | 311 | 8.5 | 23.7 | 16.1 | 31.0 | 20.0 | 0.7 |
| 30+ | 408 | 415 | 3.9 | 26.1 | 17.6 | 31.3 | 19.0 | 2.1 |
| Owner | | | | | | | | |
| Owner | 555 | 556 | 7.0 | 27.0 | 17.3 | 29.6 | 17.9 | 1.3 |
| Not Owner | 442 | 439 | 7.6 | 24.2 | 18.8 | 31.4 | 15.7 | 2.4 |

| 42 | 459 | 7.0 | 24.2 | 10.0 | 51.4 | | 5.7 |
|---------|--------------------|------------|-------------|-------------|-----------------|-------------|-----------|
| | | | | 95% Confid | dence Interval | | |
| | | Very | Somewhat | | | Very | |
| | | Positive | Positive | | Somewhat | Negative | |
| | | Effect | Effect | No Effect | Negative Effect | Effect | Missing |
| Total | | 5.7 - 9.2 | 22.8 - 28.6 | 15.2 - 20.1 | 27.5 - 33.5 | 14.6 - 19.5 | 0.8 - 2.5 |
| Primar | y Area of Practice | | | | | | |
| Fam | nily Medicine | 0.7 - 9.5 | 14 - 30.9 | 8.1 - 22.6 | 30.9 - 50.7 | 8.1 - 22.6 | 0 - 3 |
| Inte | rnal Medicine | 4.6 - 11.4 | 20.7 - 31.5 | 13.2 - 22.8 | 23.4 - 34.7 | 12.2 - 21.4 | 0.3 - 3.8 |
| Gen | neral Pediatrics | 3.1 - 9.6 | 17.1 - 28.2 | 13.8 - 24.2 | 28.1 - 40.7 | 11.4 - 21.2 | 0 - 2.9 |
| Spe | cialist | 5 - 10.2 | 22.5 - 31.1 | 13.7 - 20.9 | 24.6 - 33.4 | 14 - 21.3 | 0.4 - 2.8 |
| Practic | e Size | | | | | | |
| 1 - 5 | 5 | 4 - 8.5 | 17.5 - 25.1 | 16.8 - 24.1 | 28.1 - 36.6 | 14.2 - 21.2 | 0.6 - 3.1 |
| 6 - 1 | 19 | 5.8 - 12.8 | 23.4 - 34.1 | 10.3 - 18.9 | 22.3 - 33 | 13 - 22.1 | 0.3 - 4 |
| 20+ | | 2.6 - 11.3 | 27 - 43.3 | 9.2 - 21.3 | 21.8 - 36.7 | 7.4 - 18.5 | 0 - 1.4 |
| Years S | Since Graduation | | | | | | |
| Und | ler 10 | 4.6 - 20.5 | 17.2 - 41.3 | 10.9 - 31.7 | 17.8 - 42.7 | 0 - 5.2 | 0 - 10.8 |
| 10 - | 19 | 5 - 13.3 | 20.9 - 33.2 | 12.4 - 23 | 24.3 - 37.2 | 9.4 - 19.4 | 0 - 2.4 |
| 20 - | 29 | 5 - 11.9 | 18.6 - 28.7 | 11.7 - 20.5 | 25.6 - 36.5 | 15.2 - 24.9 | 0 - 1.8 |
| 30+ | | 1.8 - 6 | 21.5 - 30.7 | 13.6 - 21.6 | 26.5 - 36.1 | 15 - 23 | 0.6 - 3.5 |
| Owner | • | | | | | | |
| Owi | ner | 4.6 - 9.3 | 23 - 31 | 14 - 20.7 | 25.5 - 33.6 | 14.4 - 21.3 | 0.3 - 2.2 |
| Not | Owner | 4.9 - 10.3 | 20 - 28.5 | 14.8 - 22.7 | 26.8 - 36 | 12.1 - 19.3 | 0.8 - 4 |

| | | Weighted Count | | Weighted Percentage Estimates | | | | | | | | |
|--------------------------|-----------------|-------------------|-------------------------|-------------------------------|-----------|-----------------------------|-------------------------|---------|--|--|--|--|
| | Sample Count | | Very Positive Effect | Somewhat Positive Effect | No Effect | Somewhat Negative Effect | Very Negative Effect | Missing | | | | |
| Total | 1038 | 1038 | 5.9 | 16.6 | 44.8 | 22.2 | 8.2 | 2.2 | | | | |
| Primary Area of Practice | | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 3.1 | 16.3 | 41.8 | 24.5 | 12.2 | 2.0 | | | | |
| Internal Medicine | 256 | 370 | 7.0 | 13.9 | 43.4 | 24.8 | 8.4 | 2.4 | | | | |
| General Pediatrics | 221 | 140 | 5.0 | 25.3 | 43.9 | 17.2 | 6.3 | 2.3 | | | | |
| Specialist | 463 | 463 | 5.7 | 16.2 | 46.5 | 21.4 | 8.1 | 2.1 | | | | |
| Practice Size | | | | | | | | | | | | |
| 1-5 | 529 | 535 | 6.2 | 15.5 | 43.4 | 23.0 | 9.5 | 2.3 | | | | |
| 6 - 19 | 313 | 304 | 5.5 | 15.1 | 44.8 | 21.6 | 9.4 | 3.6 | | | | |
| 20+ | 158 | 159 | 5.7 | 21.0 | 49.8 | 20.6 | 2.8 | _ | | | | |
| Years Since Graduation | | | | | | | | | | | | |
| Under 10 | 67 | 66 | 8.3 | 20.0 | 50.0 | 14.8 | 2.3 | 4.5 | | | | |
| 10 - 19 | 229 | 225 | 5.6 | 20.5 | 43.0 | 22.6 | 6.4 | 1.9 | | | | |
| 20 - 29 | 311 | 311 | 6.6 | 15.4 | 45.8 | 20.1 | 10.7 | 1.4 | | | | |
| 30+ | 408 | 415 | 4.3 | 14.6 | 44.8 | 25.6 | 8.3 | 2.4 | | | | |
| Owner | | | | | | | | | | | | |
| Owner | 555 | 556 | 6.1 | 14.5 | 44.8 | 22.4 | 10.5 | 1.7 | | | | |
| Not Owner | 442 | 439 | 5.6 | 17.5 | 46.1 | 21.8 | 5.8 | 3.2 | | | | |

| | | | 95% Confi | dence Interval | | |
|--------------------------|------------|-------------|-------------|-----------------|------------|-----------|
| | Very | Somewhat | | | Very | |
| | Positive | Positive | | Somewhat | Negative | |
| | Effect | Effect | No Effect | Negative Effect | Effect | Missing |
| Total | 4.3 - 7.5 | 14.3 - 19 | 41.5 - 48 | 19.5 - 25 | 6.4 - 10.1 | 1.3 - 3.2 |
| Primary Area of Practice | | | | | | |
| Family Medicine | 0 - 6.5 | 8.9 - 23.8 | 31.9 - 51.8 | 15.8 - 33.2 | 5.6 - 18.9 | 0 - 4.9 |
| Internal Medicine | 3.8 - 10.2 | 9.7 - 18.1 | 37.3 - 49.6 | 19.4 - 30.2 | 5 - 11.9 | 0.5 - 4.3 |
| General Pediatrics | 2.1 - 7.9 | 19.6 - 31.1 | 37.3 - 50.5 | 12.2 - 22.2 | 3.1 - 9.6 | 0.3 - 4.2 |
| Specialist | 3.4 - 8 | 12.7 - 19.8 | 41.7 - 51.3 | 17.5 - 25.3 | 5.3 - 10.8 | 0.7 - 3.5 |
| Practice Size | | | | | | |
| 1-5 | 3.9 - 8.5 | 12.3 - 18.8 | 38.9 - 47.9 | 19.2 - 26.9 | 6.8 - 12.2 | 0.9 - 3.7 |
| 6 - 19 | 2.8 - 8.1 | 11.1 - 19.1 | 38.9 - 50.8 | 16.6 - 26.7 | 5.8 - 13 | 1.3 - 5.8 |
| 20+ | 1.5 - 10 | 14.2 - 27.7 | 41.5 - 58.2 | 13.9 - 27.3 | 0 - 5.7 | _ |
| Years Since Graduation | | | | | | |
| Under 10 | 2.1 - 14.6 | 10 - 30.1 | 36.9 - 63.2 | 5.8 - 23.8 | 0 - 6.8 | 0 - 10.8 |
| 10 - 19 | 2.2 - 9.1 | 15.1 - 25.9 | 36.1 - 49.9 | 16.6 - 28.6 | 2.8 - 10 | 0 - 3.9 |
| 20 - 29 | 3.5 - 9.6 | 11.2 - 19.6 | 39.8 - 51.7 | 15.4 - 24.9 | 6.8 - 14.6 | 0 - 2.9 |
| 30+ | 2 - 6.5 | 11 - 18.3 | 39.6 - 50 | 21 - 30.2 | 5.4 - 11.1 | 0.9 - 3.9 |
| Owner | | | | | | |
| Owner | 3.9 - 8.3 | 11.5 - 17.6 | 40.4 - 49.2 | 18.6 - 26.2 | 7.7 - 13.3 | 0.6 - 2.8 |
| Not Owner | 3.2 - 8 | 13.9 - 21.2 | 41.1 - 51.1 | 17.7 - 25.9 | 3.4 - 8.2 | 1.3 - 5 |

| | | | | | Weighted Perc | entage Estimates | | |
|--------------------------|-----------------|-------------------|-------------------------|--------------------------|---------------|--------------------------|-------------------------|---------|
| | Sample Count | Weighted Count | Very Positive Effect | Somewhat Positive Effect | No Effect | Somewhat Negative Effect | Very Negative Effect | Missing |
| Total | 1038 | 1038 | 9.4 | 29.1 | 12.2 | 26.9 | 20.5 | 1.9 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 98 | 65 | 9.2 | 24.5 | 11.2 | 26.5 | 27.6 | 1.0 |
| Internal Medicine | 256 | 370 | 12.8 | 28.6 | 12.6 | 26.8 | 17.2 | 2.0 |
| General Pediatrics | 221 | 140 | 8.1 | 31.2 | 11.8 | 25.3 | 20.8 | 2.7 |
| Specialist | 463 | 463 | 7.0 | 29.6 | 12.2 | 27.4 | 22.0 | 1.8 |
| Practice Size | | | | | | | | |
| 1-5 | 529 | 535 | 8.8 | 27.0 | 15.1 | 27.7 | 19.4 | 1.9 |
| 6 - 19 | 313 | 304 | 9.9 | 32.4 | 8.0 | 22.7 | 24.1 | 2.8 |
| 20+ | 158 | 159 | 8.3 | 31.8 | 11.7 | 30.3 | 17.0 | 0.9 |
| Years Since Graduation | | | | | | | | |
| Under 10 | 67 | 66 | 19.1 | 30.4 | 9.7 | 26.5 | 9.7 | 4.5 |
| 10 - 19 | 229 | 225 | 8.3 | 32.8 | 11.2 | 26.4 | 20.0 | 1.2 |
| 20 - 29 | 311 | 311 | 9.4 | 30.7 | 11.4 | 27.6 | 20.1 | 0.9 |
| 30+ | 408 | 415 | 7.3 | 26.5 | 13.0 | 27.6 | 23.3 | 2.2 |
| Owner | | | | | | | | |
| Owner | 555 | 556 | 9.0 | 29.4 | 12.3 | 27.1 | 20.8 | 1.5 |
| Not Owner | 442 | 439 | 9.3 | 29.0 | 12.6 | 26.5 | 19.9 | 2.7 |

| | | | 95% Confid | dence Interval | | |
|--------------------------|------------|-------------|-------------|-----------------|-------------|-----------|
| | Very | Somewhat | | | Very | |
| | Positive | Positive | | Somewhat | Negative | |
| | Effect | Effect | No Effect | Negative Effect | Effect | Missing |
| Total | 7.4 - 11.3 | 26.2 - 32.1 | 10.1 - 14.3 | 24 - 29.8 | 17.9 - 23.1 | 1.1 - 2.8 |
| Primary Area of Practice | | | | | | |
| Family Medicine | 3.4 - 15 | 15.8 - 33.2 | 4.9 - 17.6 | 17.6 - 35.4 | 18.5 - 36.6 | 0 - 3 |
| Internal Medicine | 8.7 - 17 | 23 - 34.2 | 8.5 - 16.7 | 21.3 - 32.3 | 12.5 - 21.9 | 0.3 - 3.8 |
| General Pediatrics | 4.5 - 11.8 | 25.1 - 37.4 | 7.5 - 16 | 19.6 - 31.1 | 15.4 - 26.2 | 0.6 - 4.9 |
| Specialist | 4.5 - 9.5 | 25.2 - 34 | 9.2 - 15.2 | 23.1 - 31.7 | 18 - 26 | 0.6 - 3 |
| Practice Size | | | | | | |
| 1-5 | 6.2 - 11.5 | 22.9 - 31.1 | 11.9 - 18.4 | 23.6 - 31.9 | 15.9 - 23 | 0.7 - 3.1 |
| 6 - 19 | 6.3 - 13.6 | 26.8 - 38 | 4.9 - 11 | 17.7 - 27.7 | 19 - 29.3 | 0.9 - 4.8 |
| 20+ | 3.5 - 13.1 | 24 - 39.7 | 6.4 - 17 | 22.6 - 38 | 10.8 - 23.1 | 0 - 2.8 |
| Years Since Graduation | | | | | | |
| Under 10 | 8.9 - 29.4 | 18.6 - 42.2 | 2.1 - 17.3 | 14.3 - 38.7 | 2.7 - 16.7 | 0 - 10.8 |
| 10 - 19 | 4.5 - 12.2 | 26.3 - 39.3 | 6.8 - 15.6 | 20.2 - 32.6 | 14.4 - 25.7 | 0 - 2.7 |
| 20 - 29 | 5.8 - 13 | 25.2 - 36.2 | 7.6 - 15.1 | 22.2 - 32.9 | 15.3 - 24.8 | 0 - 2.1 |
| 30+ | 4.4 - 10.2 | 21.8 - 31.1 | 9.7 - 16.4 | 22.9 - 32.3 | 19 - 27.7 | 0.8 - 3.7 |
| Owner | | | | | | |
| Owner | 6.3 - 11.6 | 25.3 - 33.5 | 9.5 - 15.2 | 23.1 - 31.1 | 17.2 - 24.4 | 0.5 - 2.5 |
| Not Owner | 6.4 - 12.3 | 24.5 - 33.5 | 9.2 - 15.9 | 22 - 30.9 | 16 - 23.9 | 1 - 4.3 |

| | | | | Weighted Percentage Estimates | | | | | | | | |
|--------------------------|-----------------|-------------------|-------------------------|-------------------------------|-----------|--------------------------|-------------------------|---------|--|--|--|--|
| | Sample Count | Weighted Count | Very Positive Effect | Somewhat Positive Effect | No Effect | Somewhat Negative Effect | Very Negative Effect | Missing | | | | |
| Total | 1038 | 1038 | 19.6 | 51.8 | 18.5 | 5.9 | 2.3 | 2.0 | | | | |
| Primary Area of Practice | | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 25.5 | 48.0 | 14.3 | 10.2 | 1.0 | 1.0 | | | | |
| Internal Medicine | 256 | 370 | 19.2 | 51.3 | 19.4 | 5.2 | 2.8 | 2.0 | | | | |
| General Pediatrics | 221 | 140 | 24.0 | 56.6 | 12.7 | 4.1 | 1.4 | 1.4 | | | | |
| Specialist | 463 | 463 | 17.7 | 51.2 | 20.0 | 6.4 | 2.3 | 2.3 | | | | |
| Practice Size | | | | | | | | | | | | |
| 1-5 | 529 | 535 | 20.1 | 50.0 | 19.0 | 6.5 | 2.3 | 2.1 | | | | |
| 6 - 19 | 313 | 304 | 18.6 | 54.4 | 16.2 | 5.0 | 3.0 | 2.9 | | | | |
| 20+ | 158 | 159 | 18.4 | 55.9 | 20.0 | 5.1 | | 0.5 | | | | |
| ears Since Graduation | | | | | | | | | | | | |
| Under 10 | 67 | 66 | 20.3 | 59.8 | 12.1 | 3.2 | 4.5 | _ | | | | |
| 10 - 19 | 229 | 225 | 18.9 | 58.1 | 13.5 | 5.8 | 2.3 | 1.4 | | | | |
| 20 - 29 | 311 | 311 | 22.3 | 49.4 | 18.8 | 5.9 | 2.5 | 1.2 | | | | |
| 30+ | 408 | 415 | 17.5 | 49.8 | 21.8 | 6.3 | 2.3 | 2.3 | | | | |
| Owner | | | | | | | | | | | | |
| Owner | 555 | 556 | 19.7 | 53.3 | 17.9 | 5.6 | 2.1 | 1.3 | | | | |
| Not Owner | 442 | 439 | 18.5 | 51.3 | 18.7 | 6.1 | 2.4 | 2.9 | | | | |

| | | | 95% Confi | dence Interval | | |
|--------------------------|-------------|-------------|-------------|-----------------|-----------|-----------|
| | Very | Somewhat | | _ | Very | |
| | Positive | Positive | _ | Somewhat | Negative | |
| | Effect | Effect | No Effect | Negative Effect | Effect | Missing |
| Total | 17 - 22.2 | 48.5 - 55 | 15.9 - 21 | 4.4 - 7.4 | 1.3 - 3.3 | 1.1 - 2.9 |
| Primary Area of Practice | | | | | | |
| Family Medicine | 16.7 - 34.3 | 37.9 - 58 | 7.2 - 21.3 | 4.1 - 16.3 | 0 - 3 | 0-3 |
| Internal Medicine | 14.3 - 24.2 | 45.1 - 57.5 | 14.5 - 24.3 | 2.4 - 8 | 0.7 - 4.9 | 0.3 - 3.8 |
| General Pediatrics | 18.3 - 29.7 | 50 - 63.1 | 8.2 - 17.1 | 1.4 - 6.7 | 0 - 2.9 | 0 - 2.9 |
| Specialist | 13.9 - 21.4 | 46.4 - 56.1 | 16.2 - 23.8 | 4 - 8.7 | 1 - 3.7 | 0.9 - 3.8 |
| Practice Size | | | | | | |
| 1-5 | 16.5 - 23.8 | 45.4 - 54.6 | 15.4 - 22.6 | 4.3 - 8.7 | 0.9 - 3.7 | 0.8 - 3.4 |
| 6 - 19 | 13.9 - 23.2 | 48.5 - 60.4 | 11.7 - 20.6 | 2.4 - 7.7 | 0.9 - 5 | 0.8 - 5 |
| 20+ | 11.8 - 25 | 47.6 - 64.2 | 13.4 - 26.6 | 1.4 - 8.9 | _ | 0 - 1.4 |
| Years Since Graduation | | | | | | |
| Under 10 | 10.5 - 30.2 | 47 - 72.6 | 3.4 - 20.7 | 0 - 8.1 | 0 - 10.8 | _ |
| 10 - 19 | 13.5 - 24.3 | 51.2 - 65 | 8.7 - 18.3 | 2.5 - 9.1 | 0.2 - 4.4 | 0 - 3.1 |
| 20 - 29 | 17.2 - 27.3 | 43.4 - 55.4 | 14.1 - 23.5 | 3.2 - 8.6 | 0.7 - 4.3 | 0 - 2.6 |
| 30+ | 13.5 - 21.5 | 44.6 - 55 | 17.6 - 26.1 | 3.8 - 8.8 | 0.7 - 3.9 | 0.8 - 3.8 |
| Owner | | | | | | |
| Owner | 16.2 - 23.3 | 48.8 - 57.7 | 14.5 - 21.4 | 3.6 - 7.7 | 0.8 - 3.5 | 0.3 - 2.2 |
| Not Owner | 14.6 - 22.5 | 46.3 - 56.3 | 14.8 - 22.6 | 3.7 - 8.5 | 0.9 - 3.8 | 1.2 - 4.7 |

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| | | | Weighted Percentage Estimates | | | | | 95% Confidence Interval | | | | |
|--------------------------|--------|----------|-------------------------------|----------|----------|------------|---------|-------------------------|-------------|-------------|-------------|-----------|
| | Sample | Weighted | Very | Somewhat | Not Very | Not At All | | Very | Somewhat | Not Very | Not At All | |
| | Count | Count | Familiar | Familiar | Familiar | Familiar | Missing | Familiar | Familiar | Familiar | Familiar | Missing |
| Total | 1038 | 1038 | 23.4 | 39.0 | 21.1 | 15.5 | 1.0 | 20.7 - 26.1 | 35.8 - 42.2 | 18.4 - 23.8 | 13.1 - 17.9 | 0.3 - 1.7 |
| Primary Area of Practice | | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 52.0 | 35.7 | 8.2 | 4.1 | | 42 - 62.1 | 26.1 - 45.4 | 2.6 - 13.7 | 0.1 - 8.1 | _ |
| Internal Medicine | 256 | 370 | 28.2 | 45.5 | 18.2 | 7.2 | 0.8 | 22.6 - 33.8 | 39.4 - 51.7 | 13.4 - 23 | 4 - 10.5 | 0 - 1.9 |
| General Pediatrics | 221 | 140 | 43.9 | 40.7 | 11.8 | 3.2 | 0.5 | 37.3 - 50.5 | 34.2 - 47.3 | 7.5 - 16 | 0.8 - 5.5 | 0 - 1.3 |
| Specialist | 463 | 463 | 9.3 | 33.7 | 28.1 | 27.4 | 1.5 | 6.7 - 12 | 29.2 - 38.2 | 23.8 - 32.4 | 23 - 31.8 | 0.2 - 2.7 |
| Practice Size | | | | | | | | | | | | |
| 1-5 | 529 | 535 | 21.6 | 38.6 | 23.7 | 15.3 | 0.8 | 18 - 25.2 | 34.2 - 43.1 | 19.7 - 27.6 | 11.9 - 18.7 | 0 - 1.7 |
| 6 - 19 | 313 | 304 | 21.8 | 37.4 | 19.7 | 19.2 | 1.9 | 17.1 - 26.5 | 31.6 - 43.2 | 14.9 - 24.4 | 14.3 - 24.1 | 0.2 - 3.7 |
| 20+ | 158 | 159 | 31.0 | 44.0 | 16.4 | 8.6 | | 23.2 - 38.8 | 35.7 - 52.4 | 10.4 - 22.4 | 4.3 - 12.8 | _ |
| Years Since Graduation | | | | | | | | | | | | |
| Under 10 | 67 | 66 | 22.8 | 44.9 | 11.8 | 18.3 | 2.3 | 12.3 - 33.3 | 31.8 - 58 | 2.6 - 21 | 7.8 - 28.8 | 0 - 6.7 |
| 10 - 19 | 229 | 225 | 22.6 | 39.3 | 23.6 | 13.6 | 0.9 | 16.8 - 28.4 | 32.5 - 46 | 17.5 - 29.7 | 8.7 - 18.4 | 0 - 2.4 |
| 20 - 29 | 311 | 311 | 26.1 | 40.3 | 20.1 | 13.0 | 0.5 | 20.9 - 31.3 | 34.4 - 46.2 | 15.3 - 24.8 | 8.9 - 17.2 | 0 - 1.4 |
| 30+ | 408 | 415 | 21.3 | 37.8 | 21.8 | 18.4 | 0.7 | 17.2 - 25.3 | 32.7 - 42.9 | 17.5 - 26.2 | 14.3 - 22.5 | 0 - 1.6 |
| Owner | | | | | | | | | | | | |
| Owner | 555 | 556 | 22.9 | 38.1 | 22.8 | 14.9 | 1.3 | 19.3 - 26.5 | 33.8 - 42.5 | 19 - 26.6 | 11.6 - 18.1 | 0.2 - 2.4 |
| Not Owner | 442 | 439 | 22.8 | 40.9 | 19.4 | 16.2 | 0.7 | 18.6 - 26.9 | 36 - 45.8 | 15.5 - 23.4 | 12.5 - 20 | 0 - 1.5 |

| Appendix B. | |
|----------------|--|
| Survey results | |

| | | | | Weighted Percentage Estimates | | | | | | | | |
|--------------------------|--------|----------|--------------|-------------------------------|-----------|----------|-------------|------------|---------|--|--|--|
| | Sample | Weighted | | A Little | About the | A Little | | | | | | |
| | Count | Count | A Lot Better | Better | Same | Worse | A Lot Worse | Don't Know | Missing | | | |
| Total | 1038 | 1038 | 7.9 | 26.6 | 21.2 | 1.5 | 1.3 | 33.5 | 8.0 | | | |
| Primary Area of Practice | | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 9.2 | 45.9 | 25.5 | 2.0 | 2.0 | 12.2 | 3.1 | | | |
| Internal Medicine | 256 | 370 | 9.6 | 28.2 | 27.6 | 1.2 | 1.6 | 23.2 | 8.6 | | | |
| General Pediatrics | 221 | 140 | 13.1 | 33.0 | 29.4 | 2.3 | 0.9 | 18.1 | 3.2 | | | |
| Specialist | 463 | 463 | 4.8 | 20.7 | 13.0 | 1.4 | 1.0 | 49.3 | 9.8 | | | |
| Practice Size | | | | | | | | | | | | |
| 1 - 5 | 529 | 535 | 8.4 | 23.0 | 22.3 | 2.1 | 1.7 | 34.1 | 8.4 | | | |
| 6 - 19 | 313 | 304 | 6.9 | 29.7 | 17.7 | 1.2 | 1.0 | 34.0 | 9.6 | | | |
| 20+ | 158 | 159 | 9.4 | 36.3 | 21.4 | 0.5 | 0.4 | 28.3 | 3.7 | | | |
| Years Since Graduation | | | | | | | | | | | | |
| Under 10 | 67 | 66 | 14.1 | 28.0 | 19.2 | 1.0 | | 33.2 | 4.5 | | | |
| 10 - 19 | 229 | 225 | 7.0 | 30.1 | 13.7 | 0.6 | 1.2 | 40.9 | 6.4 | | | |
| 20 - 29 | 311 | 311 | 9.7 | 30.3 | 20.3 | 2.8 | 0.7 | 29.1 | 7.1 | | | |
| 30+ | 408 | 415 | 6.3 | 22.0 | 25.8 | 1.2 | 2.0 | 33.4 | 9.4 | | | |
| Owner | | | | | | | | | | | | |
| Owner | 555 | 556 | 5.8 | 25.1 | 23.8 | 2.4 | 1.6 | 34.3 | 7.0 | | | |
| Not Owner | 442 | 439 | 10.8 | 29.3 | 17.3 | 0.5 | 0.8 | 31.7 | 9.6 | | | |

| | | | 95% (| Confidence In | terval | | |
|--------------------------|--------------|-------------|-------------|---------------|-------------|-------------|------------|
| | | A Little | About the | A Little | | | |
| | A Lot Better | Better | Same | Worse | A Lot Worse | Don't Know | Missing |
| Total | 6.2 - 9.6 | 23.8 - 29.4 | 18.6 - 23.9 | 0.8 - 2.2 | 0.5 - 2 | 30.4 - 36.6 | 6.2 - 9.9 |
| Primary Area of Practice | | | | | | | |
| Family Medicine | 3.4 - 15 | 35.9 - 56 | 16.7 - 34.3 | 0 - 4.9 | 0 - 4.9 | 5.6 - 18.9 | 0 - 6.5 |
| Internal Medicine | 5.9 - 13.2 | 22.6 - 33.8 | 22 - 33.1 | 0 - 2.6 | 0 - 3.2 | 18 - 28.5 | 5.1 - 12.1 |
| General Pediatrics | 8.6 - 17.6 | 26.8 - 39.3 | 23.4 - 35.5 | 0.3 - 4.2 | 0 - 2.2 | 13 - 23.2 | 0.8 - 5.5 |
| Specialist | 2.8 - 6.8 | 16.9 - 24.5 | 9.9 - 16.2 | 0.4 - 2.4 | 0 - 2 | 44.5 - 54.1 | 6.8 - 12.7 |
| Practice Size | | | | | | | |
| 1-5 | 6 - 10.9 | 19.2 - 26.7 | 18.5 - 26.1 | 0.8 - 3.4 | 0.4 - 2.9 | 29.7 - 38.5 | 5.8 - 11.1 |
| 6 - 19 | 4 - 9.9 | 24.3 - 35.1 | 13.2 - 22.1 | 0.1 - 2.2 | 0 - 2.1 | 28.2 - 39.8 | 6 - 13.3 |
| 20+ | 4.5 - 14.2 | 28.2 - 44.5 | 14.4 - 28.3 | 0 - 1.5 | 0 - 1.2 | 20.8 - 35.8 | 0.6 - 6.8 |
| Years Since Graduation | | | | | | | |
| Under 10 | 4.7 - 23.5 | 16.6 - 39.5 | 9.4 - 29 | 0 - 2.9 | _ | 20.3 - 46.1 | 0 - 9.9 |
| 10 - 19 | 3.5 - 10.5 | 23.8 - 36.4 | 9 - 18.5 | 0 - 1.5 | 0 - 2.4 | 34 - 47.8 | 2.7 - 10.1 |
| 20 - 29 | 6.2 - 13.3 | 24.8 - 35.7 | 15.6 - 25.1 | 0.9 - 4.7 | 0 - 1.7 | 23.6 - 34.5 | 3.8 - 10.5 |
| 30+ | 3.9 - 8.7 | 17.7 - 26.2 | 21.3 - 30.4 | 0.2 - 2.2 | 0.4 - 3.6 | 28.4 - 38.3 | 6.3 - 12.4 |
| Owner | | | | | | | |
| Owner | 3.8 - 7.8 | 21.3 - 28.9 | 20.1 - 27.6 | 1.1 - 3.7 | 0.4 - 2.8 | 30 - 38.6 | 4.6 - 9.4 |
| Not Owner | 7.7 - 13.9 | 24.8 - 33.8 | 13.6 - 21.1 | 0 - 1 | 0 - 1.7 | 27 - 36.3 | 6.6 - 12.7 |

| | | Weighted | Weighted Percentage Estimates | | | | | | | | |
|--------------------------|--------|----------|-------------------------------|----------|-----------|----------|-------------|------------|---------|--|--|
| | Sample | | | A Little | About the | A Little | | | | | |
| | Count | Count | A Lot Better | Better | Same | Worse | A Lot Worse | Don't Know | Missing | | |
| Total | 1038 | 1038 | 8.1 | 24.2 | 21.3 | 2.3 | 1.5 | 34.3 | 8.3 | | |
| Primary Area of Practice | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 8.2 | 32.7 | 33.7 | 5.1 | 4.1 | 13.3 | 3.1 | | |
| Internal Medicine | 256 | 370 | 11.2 | 24.6 | 27.4 | 2.8 | 2.0 | 23.0 | 9.0 | | |
| General Pediatrics | 221 | 140 | 10.9 | 31.2 | 30.8 | 2.3 | 1.4 | 20.4 | 3.2 | | |
| Specialist | 463 | 463 | 4.8 | 20.5 | 11.8 | 1.6 | 0.7 | 50.5 | 10.1 | | |
| Practice Size | | | | | | | | | | | |
| 1 - 5 | 529 | 535 | 9.4 | 20.5 | 21.7 | 2.9 | 1.9 | 34.6 | 9.0 | | |
| 6 - 19 | 313 | 304 | 5.4 | 27.7 | 20.0 | 0.9 | 0.7 | 35.7 | 9.6 | | |
| 20+ | 158 | 159 | 10.3 | 32.2 | 21.0 | 3.7 | 0.4 | 28.8 | 3.7 | | |
| Years Since Graduation | | | | | | | | | | | |
| Under 10 | 67 | 66 | 14.2 | 25.9 | 16.9 | 3.0 | | 35.5 | 4.5 | | |
| 10 - 19 | 229 | 225 | 8.5 | 26.0 | 15.9 | 0.6 | 1.2 | 41.5 | 6.4 | | |
| 20 - 29 | 311 | 311 | 9.7 | 26.2 | 21.1 | 2.7 | 1.7 | 30.4 | 8.1 | | |
| 30+ | 408 | 415 | 6.0 | 21.1 | 24.9 | 3.1 | 1.8 | 33.8 | 9.4 | | |
| Owner | | | | | | | | | | | |
| Owner | 555 | 556 | 5.6 | 22.5 | 24.2 | 3.5 | 1.6 | 35.1 | 7.6 | | |
| Not Owner | 442 | 439 | 11.4 | 26.7 | 17.9 | 1.1 | 1.0 | 32.3 | 9.6 | | |

| | | 95% Confidence Interval | | | | | | | | | |
|--------------------------|--------------|-------------------------|-------------|-----------|-------------|-------------|------------|--|--|--|--|
| | | A Little | About the | A Little | | | | | | | |
| | A Lot Better | Better | Same | Worse | A Lot Worse | Don't Know | Missing | | | | |
| Total | 6.3 - 9.8 | 21.4 - 26.9 | 18.6 - 23.9 | 1.4 - 3.3 | 0.7 - 2.3 | 31.2 - 37.5 | 6.5 - 10.2 | | | | |
| Primary Area of Practice | | | | | | | | | | | |
| Family Medicine | 2.6 - 13.7 | 23.2 - 42.1 | 24.1 - 43.2 | 0.7 - 9.5 | 0.1 - 8.1 | 6.4 - 20.1 | 0 - 6.5 | | | | |
| Internal Medicine | 7.3 - 15.1 | 19.2 - 29.9 | 21.8 - 32.9 | 0.7 - 4.9 | 0.3 - 3.8 | 17.8 - 28.3 | 5.4 - 12.6 | | | | |
| General Pediatrics | 6.7 - 15 | 25.1 - 37.4 | 24.6 - 36.9 | 0.3 - 4.2 | 0 - 2.9 | 15 - 25.7 | 0.8 - 5.5 | | | | |
| Specialist | 3 - 6.6 | 16.7 - 24.3 | 8.7 - 14.8 | 0.6 - 2.7 | 0 - 1.5 | 45.7 - 55.3 | 7.1 - 13.1 | | | | |
| Practice Size | | | | | | | | | | | |
| 1 - 5 | 6.7 - 12 | 16.9 - 24.1 | 17.9 - 25.4 | 1.4 - 4.4 | 0.7 - 3.2 | 30.2 - 39 | 6.2 - 11.7 | | | | |
| 6 - 19 | 2.7 - 8 | 22.5 - 33 | 15.3 - 24.7 | 0 - 1.9 | 0 - 1.8 | 29.9 - 41.5 | 6 - 13.3 | | | | |
| 20+ | 5.2 - 15.4 | 24.3 - 40.1 | 14.1 - 27.8 | 0.6 - 6.8 | 0 - 1.2 | 21.3 - 36.3 | 0.6 - 6.8 | | | | |
| Years Since Graduation | | | | | | | | | | | |
| Under 10 | 4.4 - 24 | 14.9 - 36.9 | 7.5 - 26.3 | 0 - 6.4 | _ | 22.6 - 48.5 | 0 - 9.9 | | | | |
| 10 - 19 | 4.6 - 12.4 | 19.9 - 32 | 10.9 - 20.9 | 0 - 1.5 | 0 - 2.3 | 34.6 - 48.4 | 2.7 - 10.1 | | | | |
| 20 - 29 | 6.2 - 13.3 | 21 - 31.5 | 16.3 - 25.9 | 0.8 - 4.5 | 0.1 - 3.3 | 24.9 - 36 | 4.6 - 11.6 | | | | |
| 30+ | 3.7 - 8.3 | 16.9 - 25.4 | 20.4 - 29.4 | 1.2 - 4.9 | 0.3 - 3.2 | 28.8 - 38.7 | 6.3 - 12.4 | | | | |
| Owner | | | | | | | | | | | |
| Owner | 3.7 - 7.5 | 18.8 - 26.2 | 20.4 - 28 | 1.9 - 5.1 | 0.4 - 2.8 | 30.8 - 39.4 | 5.1 - 10 | | | | |
| Not Owner | 8.1 - 14.6 | 22.3 - 31.1 | 14.1 - 21.7 | 0.2 - 2.1 | 0.1 - 1.9 | 27.6 - 37 | 6.6 - 12.7 | | | | |

| | | Weighted | Weighted Percentage Estimates | | | | | | | | |
|--------------------------|--------|----------|-------------------------------|----------|-----------|----------|-------------|------------|---------|--|--|
| | Sample | | | A Little | About the | A Little | | | | | |
| | Count | Count | A Lot Better | Better | Same | Worse | A Lot Worse | Don't Know | Missing | | |
| Total | 1038 | 1038 | 5.1 | 15.9 | 19.2 | 12.7 | 4.7 | 34.2 | 8.2 | | |
| Primary Area of Practice | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 5.1 | 20.4 | 19.4 | 23.5 | 15.3 | 13.3 | 3.1 | | |
| Internal Medicine | 256 | 370 | 6.8 | 17.8 | 20.8 | 18.6 | 4.8 | 22.6 | 8.6 | | |
| General Pediatrics | 221 | 140 | 6.8 | 21.3 | 28.5 | 13.1 | 8.1 | 19.0 | 3.2 | | |
| Specialist | 463 | 463 | 3.3 | 12.1 | 15.0 | 6.3 | 2.1 | 51.0 | 10.1 | | |
| Practice Size | | | | | | | | | | | |
| 1 - 5 | 529 | 535 | 5.8 | 14.8 | 17.9 | 13.5 | 5.5 | 33.7 | 8.7 | | |
| 6 - 19 | 313 | 304 | 4.4 | 17.3 | 19.4 | 10.0 | 3.1 | 36.2 | 9.6 | | |
| 20+ | 158 | 159 | 5.1 | 16.9 | 22.1 | 16.4 | 5.8 | 30.1 | 3.7 | | |
| Years Since Graduation | | | | | | | | | | | |
| Under 10 | 67 | 66 | 11.0 | 15.9 | 11.8 | 12.8 | 5.2 | 38.8 | 4.5 | | |
| 10 - 19 | 229 | 225 | 4.8 | 17.4 | 15.2 | 12.6 | 4.3 | 39.3 | 6.4 | | |
| 20 - 29 | 311 | 311 | 7.7 | 15.2 | 19.2 | 14.7 | 5.4 | 30.2 | 7.6 | | |
| 30+ | 408 | 415 | 2.7 | 15.5 | 21.8 | 11.8 | 4.6 | 34.3 | 9.4 | | |
| Owner | | | | | | | | | | | |
| Owner | 555 | 556 | 3.5 | 14.8 | 19.6 | 14.1 | 6.2 | 34.6 | 7.3 | | |
| Not Owner | 442 | 439 | 7.6 | 17.4 | 18.6 | 11.3 | 2.7 | 32.8 | 9.6 | | |

| | | 95% Confidence Interval | | | | | | | | | |
|--------------------------|--------------|-------------------------|-------------|-------------|-------------|-------------|------------|--|--|--|--|
| | | A Little | About the | A Little | | | | | | | |
| | A Lot Better | Better | Same | Worse | A Lot Worse | Don't Know | Missing | | | | |
| Total | 3.7 - 6.6 | 13.5 - 18.3 | 16.6 - 21.7 | 10.5 - 14.9 | 3.4 - 6 | 31.1 - 37.3 | 6.3 - 10 | | | | |
| Primary Area of Practice | | | | | | | | | | | |
| Family Medicine | 0.7 - 9.5 | 12.3 - 28.5 | 11.4 - 27.4 | 14.9 - 32 | 8.1 - 22.6 | 6.4 - 20.1 | 0 - 6.5 | | | | |
| Internal Medicine | 3.7 - 9.9 | 13 - 22.5 | 15.7 - 25.8 | 13.8 - 23.5 | 2.1 - 7.5 | 17.4 - 27.8 | 5.1 - 12.1 | | | | |
| General Pediatrics | 3.4 - 10.1 | 15.8 - 26.7 | 22.5 - 34.5 | 8.6 - 17.6 | 4.5 - 11.8 | 13.8 - 24.2 | 0.8 - 5.5 | | | | |
| Specialist | 1.6 - 5 | 9.1 - 15.2 | 11.7 - 18.4 | 4 - 8.6 | 0.9 - 3.3 | 46.2 - 55.8 | 7.1 - 13.1 | | | | |
| Practice Size | | | | | | | | | | | |
| 1-5 | 3.7 - 7.9 | 11.6 - 18.1 | 14.6 - 21.3 | 10.3 - 16.7 | 3.5 - 7.5 | 29.4 - 38.1 | 6 - 11.4 | | | | |
| 6 - 19 | 1.9 - 7 | 12.9 - 21.6 | 14.7 - 24.1 | 6.5 - 13.4 | 1.4 - 4.9 | 30.4 - 42 | 6 - 13.3 | | | | |
| 20+ | 1.6 - 8.6 | 10.5 - 23.2 | 15 - 29.2 | 10 - 22.8 | 2.2 - 9.4 | 22.5 - 37.7 | 0.6 - 6.8 | | | | |
| Years Since Graduation | | | | | | | | | | | |
| Under 10 | 2.1 - 19.9 | 7 - 24.7 | 4.2 - 19.3 | 4.1 - 21.6 | 0 - 10.7 | 25.7 - 51.9 | 0 - 9.9 | | | | |
| 10 - 19 | 1.9 - 7.7 | 12 - 22.8 | 10.4 - 20.1 | 8 - 17.2 | 1.7 - 6.8 | 32.5 - 46.2 | 2.7 - 10.1 | | | | |
| 20 - 29 | 4.5 - 10.9 | 11 - 19.4 | 14.6 - 23.8 | 10.3 - 19.1 | 2.9 - 7.9 | 24.7 - 35.7 | 4.2 - 11.1 | | | | |
| 30+ | 1.1 - 4.4 | 11.8 - 19.2 | 17.5 - 26 | 8.4 - 15.1 | 2.5 - 6.6 | 29.3 - 39.3 | 6.3 - 12.4 | | | | |
| Owner | | | | | | | | | | | |
| Owner | 1.9 - 5 | 11.7 - 17.9 | 16.1 - 23.1 | 11 - 17.3 | 4.1 - 8.2 | 30.3 - 38.9 | 4.8 - 9.7 | | | | |
| Not Owner | 4.9 - 10.3 | 13.6 - 21.2 | 14.7 - 22.4 | 8.2 - 14.5 | 1.3 - 4.1 | 28.1 - 37.5 | 6.6 - 12.7 | | | | |

| | | Weighted Count | Weighted Percentage Estimates | | | | | | | | |
|--------------------------|--------|-------------------|-------------------------------|----------|-----------|----------|-------------|------------|---------|--|--|
| | Sample | | | A Little | About the | A Little | | | | | |
| | Count | | A Lot Better | Better | Same | Worse | A Lot Worse | Don't Know | Missing | | |
| Total | 1038 | 1038 | 2.3 | 10.4 | 19.9 | 9.7 | 4.6 | 44.7 | 8.3 | | |
| Primary Area of Practice | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 3.1 | 16.3 | 21.4 | 16.3 | 8.2 | 30.6 | 4.1 | | |
| Internal Medicine | 256 | 370 | 2.4 | 10.8 | 23.8 | 13.8 | 5.6 | 35.0 | 8.6 | | |
| General Pediatrics | 221 | 140 | 3.6 | 12.7 | 31.2 | 10.4 | 6.3 | 32.6 | 3.2 | | |
| Specialist | 463 | 463 | 1.7 | 8.7 | 13.2 | 5.2 | 2.8 | 58.2 | 10.2 | | |
| Practice Size | | | | | | | | | | | |
| 1 - 5 | 529 | 535 | 2.9 | 11.3 | 17.9 | 9.8 | 4.5 | 45.0 | 8.7 | | |
| 6 - 19 | 313 | 304 | 2.1 | 7.9 | 22.3 | 6.0 | 5.5 | 46.3 | 9.8 | | |
| 20+ | 158 | 159 | 1.3 | 13.8 | 22.5 | 16.6 | 3.3 | 38.4 | 4.1 | | |
| Years Since Graduation | | | | | | | | | | | |
| Under 10 | 67 | 66 | 3.2 | 8.1 | 16.9 | 4.2 | 1.0 | 62.1 | 4.5 | | |
| 10 - 19 | 229 | 225 | 2.6 | 12.5 | 15.3 | 9.4 | 4.8 | 48.9 | 6.4 | | |
| 20 - 29 | 311 | 311 | 3.8 | 10.9 | 22.6 | 8.8 | 5.1 | 40.9 | 7.9 | | |
| 30+ | 408 | 415 | 0.8 | 9.1 | 20.9 | 11.1 | 5.0 | 43.5 | 9.5 | | |
| Owner | | | | | | | | | | | |
| Owner | 555 | 556 | 1.4 | 10.8 | 21.5 | 10.0 | 5.8 | 43.1 | 7.4 | | |
| Not Owner | 442 | 439 | 3.5 | 10.2 | 18.0 | 9.6 | 3.2 | 45.7 | 9.8 | | |

| | | 95% Confidence Interval | | | | | | | | | |
|--------------------------|--------------|-------------------------|-------------|------------|-------------|-------------|------------|--|--|--|--|
| | | A Little | About the | A Little | | | | | | | |
| | A Lot Better | Better | Same | Worse | A Lot Worse | Don't Know | Missing | | | | |
| Total | 1.3 - 3.3 | 8.5 - 12.4 | 17.3 - 22.5 | 7.7 - 11.6 | 3.3 - 6 | 41.5 - 48 | 6.5 - 10.2 | | | | |
| Primary Area of Practice | | | | | | | | | | | |
| Family Medicine | 0 - 6.5 | 8.9 - 23.8 | 13.2 - 29.7 | 8.9 - 23.8 | 2.6 - 13.7 | 21.3 - 39.9 | 0.1 - 8.1 | | | | |
| Internal Medicine | 0.5 - 4.3 | 6.9 - 14.6 | 18.5 - 29.1 | 9.5 - 18 | 2.7 - 8.5 | 29.1 - 41 | 5.1 - 12.1 | | | | |
| General Pediatrics | 1.1 - 6.1 | 8.2 - 17.1 | 25.1 - 37.4 | 6.3 - 14.5 | 3.1 - 9.6 | 26.4 - 38.8 | 0.8 - 5.5 | | | | |
| Specialist | 0.4 - 3 | 6 - 11.4 | 10 - 16.3 | 3.2 - 7.3 | 1.4 - 4.3 | 53.4 - 62.9 | 7.3 - 13.2 | | | | |
| Practice Size | | | | | | | | | | | |
| 1 - 5 | 1.4 - 4.3 | 8.4 - 14.1 | 14.4 - 21.3 | 7.1 - 12.5 | 2.6 - 6.3 | 40.4 - 49.6 | 6 - 11.4 | | | | |
| 6 - 19 | 0.3 - 3.9 | 4.8 - 11 | 17.4 - 27.2 | 3.4 - 8.5 | 2.9 - 8.2 | 40.3 - 52.3 | 6.2 - 13.5 | | | | |
| 20+ | 0 - 3.3 | 8 - 19.7 | 15.3 - 29.6 | 10 - 23.2 | 0.2 - 6.3 | 30.4 - 46.4 | 0.9 - 7.4 | | | | |
| Years Since Graduation | | | | | | | | | | | |
| Under 10 | 0 - 8.1 | 2.4 - 13.7 | 7.9 - 26 | 0 - 9.4 | 0 - 3 | 49.8 - 74.4 | 0 - 9.9 | | | | |
| 10 - 19 | 0.2 - 5 | 8 - 17.1 | 10.4 - 20.2 | 5.3 - 13.5 | 1.8 - 7.7 | 42 - 55.9 | 2.7 - 10.1 | | | | |
| 20 - 29 | 1.4 - 6.2 | 7.2 - 14.5 | 17.7 - 27.6 | 5.4 - 12.3 | 2.5 - 7.6 | 35.1 - 46.8 | 4.4 - 11.3 | | | | |
| 30+ | 0.1 - 1.5 | 6.1 - 12.1 | 16.6 - 25.1 | 7.9 - 14.4 | 2.8 - 7.3 | 38.4 - 48.7 | 6.5 - 12.6 | | | | |
| Owner | | | | | | | | | | | |
| Owner | 0.5 - 2.3 | 8.1 - 13.5 | 17.9 - 25.2 | 7.3 - 12.7 | 3.8 - 7.8 | 38.7 - 47.6 | 5 - 9.9 | | | | |
| Not Owner | 1.5 - 5.5 | 7.2 - 13.2 | 14.2 - 21.8 | 6.7 - 12.5 | 1.4 - 4.9 | 40.8 - 50.7 | 6.7 - 12.8 | | | | |

| Appendix B. Survey |
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| Survey |
| result |

| | Sample | Weighted | Weighte | d Percentage | Estimates | 95% Confidence Interval | | | |
|--------------------------|--------|----------|---------|--------------|-----------|-------------------------|-------------|------------|--|
| | Count | Count | Yes | No | Missing | Yes | No | Missing | |
| Total | 1038 | 1038 | 21.7 | 71.3 | 7.0 | 19.1 - 24.3 | 68.4 - 74.2 | 5.3 - 8.7 | |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 98 | 65 | 60.2 | 37.8 | 2.0 | 50.3 - 70.1 | 28 - 47.5 | 0 - 4.9 | |
| Internal Medicine | 256 | 370 | 28.6 | 64.2 | 7.2 | 23 - 34.2 | 58.3 - 70.2 | 4 - 10.5 | |
| General Pediatrics | 221 | 140 | 39.4 | 56.6 | 4.1 | 32.9 - 45.9 | 50 - 63.1 | 1.4 - 6.7 | |
| Specialist | 463 | 463 | 5.5 | 86.1 | 8.3 | 3.4 - 7.7 | 82.8 - 89.5 | 5.6 - 11 | |
| Practice Size | | | | | | | | | |
| 1-5 | 529 | 535 | 17.6 | 76.3 | 6.1 | 14.2 - 21.1 | 72.4 - 80.1 | 3.8 - 8.4 | |
| 6 - 19 | 313 | 304 | 20.6 | 72.5 | 6.8 | 16.1 - 25.2 | 67.3 - 77.7 | 3.7 - 10 | |
| 20+ | 158 | 159 | 36.5 | 57.4 | 6.1 | 28.3 - 44.6 | 49.1 - 65.7 | 2.2 - 10.1 | |
| Years Since Graduation | | | | | | | | | |
| Under 10 | 67 | 66 | 27.7 | 64.0 | 8.3 | 16.6 - 38.8 | 51.7 - 76.3 | 0.8 - 15.8 | |
| 10 - 19 | 229 | 225 | 23.6 | 72.3 | 4.1 | 17.7 - 29.5 | 66.1 - 78.6 | 1.2 - 7 | |
| 20 - 29 | 311 | 311 | 22.9 | 71.8 | 5.4 | 17.9 - 27.8 | 66.4 - 77.1 | 2.6 - 8.1 | |
| 30+ | 408 | 415 | 19.2 | 72.6 | 8.1 | 15.2 - 23.2 | 68 - 77.2 | 5.2 - 11.1 | |
| Owner | | | | | | | | | |
| Owner | 555 | 556 | 19.3 | 76.9 | 3.9 | 15.8 - 22.7 | 73.2 - 80.6 | 2.2 - 5.6 | |
| Not Owner | 442 | 439 | 24.4 | 66.3 | 9.2 | 20.2 - 28.7 | 61.6 - 71 | 6.2 - 12.3 | |

| | | | Weighted Percentage Estimates | | | | | | | | |
|--------------------------|-----------------|-------------------|-------------------------------|-------------------------|-------------------------|------------------------------|------------|---------|--|--|--|
| | Sample Count | Weighted Count | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Don't Know | Missing | | | |
| Total | 726 | 740 | 23.3 | 26.4 | 2.9 | 35.8 | 11.6 | _ | | | |
| Primary Area of Practice | | | | | | | | | | | |
| Family Medicine | 37 | 25 | 37.8 | 27.0 | 5.4 | 13.5 | 16.2 | _ | | | |
| Internal Medicine | 164 | 238 | 29.6 | 31.1 | 4.0 | 22.8 | 12.5 | _ | | | |
| General Pediatrics | 125 | 79 | 27.2 | 32.0 | 3.2 | 24.8 | 12.8 | _ | | | |
| Specialist | 400 | 399 | 17.8 | 22.5 | 2.0 | 47.1 | 10.5 | _ | | | |
| Practice Size | | | | | | | | | | | |
| 1-5 | 399 | 408 | 22.7 | 23.7 | 3.9 | 36.4 | 13.3 | _ | | | |
| 6 - 19 | 216 | 220 | 24.4 | 29.2 | 1.0 | 36.5 | 8.9 | _ | | | |
| 20+ | 92 | 91 | 25.0 | 34.4 | 4.1 | 30.7 | 5.8 | _ | | | |
| Years Since Graduation | | | | | | | | | | | |
| under 10 | 39 | 42 | 15.5 | 32.4 | 39.9 | 12.1 | _ | _ | | | |
| 10 - 19 | 165 | 163 | 24.5 | 25.7 | 1.3 | 40.6 | 7.9 | - | | | |
| 20 - 29 | 219 | 223 | 22.3 | 29.1 | 3.2 | 31.0 | 14.4 | _ | | | |
| 30+ | 291 | 301 | 24.8 | 24.1 | 3.9 | 35.4 | 11.8 | _ | | | |
| Owner | | | | | | | | | | | |
| owner | 415 | 427 | 22.9 | 26.9 | 3.3 | 35.5 | 11.5 | _ | | | |
| not owner | 291 | 291 | 24.6 | 25.9 | 2.5 | 36.5 | 10.5 | _ | | | |

| | -51 | 2-7.0 | 25.5 | 2.5 | 30.3 | 10.5 | |
|-------------|-----------------|-------------|-------------|-------------|--------------|------------|---------|
| | • | | | 95% Confide | nce Interval | , | |
| | | | | | Not | | |
| | | Very | Somewhat | Not Very | Challenging | | |
| | | Challenging | Challenging | Challenging | At All | Don't Know | Missing |
| Total | | 20 - 26.5 | 23 - 29.9 | 1.7 - 4.2 | 32.1 - 39.5 | 9.1 - 14.1 | _ |
| Primary Ar | rea of Practice | | | | | | |
| Family I | Medicine | 21.4 - 54.2 | 12 - 42 | 0 - 13 | 2 - 25.1 | 3.8 - 28.7 | _ |
| Internal | l Medicine | 22.5 - 36.8 | 23.9 - 38.3 | 1 - 7 | 16.2 - 29.3 | 7.3 - 17.7 | _ |
| General | l Pediatrics | 19.3 - 35.1 | 23.7 - 40.3 | 0.1 - 6.3 | 17.1 - 32.5 | 6.9 - 18.7 | _ |
| Speciali | ist | 13.9 - 21.7 | 18.2 - 26.8 | 0.8 - 3.3 | 41.9 - 52.3 | 7.4 - 13.7 | _ |
| Practice Si | ze | | | | | | |
| 1-5 | | 18.3 - 27.1 | 19.3 - 28.2 | 1.9 - 5.8 | 31.3 - 41.5 | 9.7 - 16.9 | _ |
| 6 - 19 | | 18.3 - 30.5 | 22.7 - 35.8 | 0 - 2 | 29.6 - 43.5 | 5.1 - 12.7 | _ |
| 20+ | | 15.4 - 34.6 | 23.7 - 45.1 | 0 - 8.8 | 21 - 40.5 | 0.5 - 11.1 | _ |
| Years Since | e Graduation | | | | | | |
| under 1 | .0 | 2.8 - 28.2 | 16.6 - 48.2 | 22.9 - 57 | 0.1 - 24.2 | _ | _ |
| 10 - 19 | | 17.4 - 31.6 | 18.6 - 32.8 | 0 - 3.3 | 32.4 - 48.7 | 3.7 - 12 | _ |
| 20 - 29 | | 16.3 - 28.2 | 22.7 - 35.6 | 0.9 - 5.5 | 24.4 - 37.6 | 9.4 - 19.4 | _ |
| 30+ | | 19.5 - 30.1 | 18.8 - 29.4 | 1.6 - 6.2 | 29.5 - 41.2 | 7.9 - 15.8 | _ |
| Owner | | | | | | | |
| owner | | 18.5 - 27.2 | 22.3 - 31.4 | 1.6 - 5.1 | 30.5 - 40.4 | 8.2 - 14.8 | _ |
| not owr | ner | 19.3 - 29.8 | 20.5 - 31.4 | 0.5 - 4.4 | 30.5 - 42.4 | 6.8 - 14.3 | _ |

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| | Sample | Weighted | Weighte | d Percentage | Estimates | 95% Confidence Interval | | | |
|--------------------------|--------|----------|---------|--------------|-----------|-------------------------|-------------|-------------|--|
| | Count | Count | Yes | No | Missing | Yes | No | Missing | |
| Total | 726 | 740 | 9.9 | 75.1 | 15.1 | 7.6 - 12.1 | 71.7 - 78.4 | 12.3 - 17.9 | |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 37 | 25 | 18.9 | 64.9 | 16.2 | 5.7 - 32.2 | 48.7 - 81 | 3.8 - 28.7 | |
| Internal Medicine | 164 | 238 | 13.0 | 69.5 | 17.5 | 7.8 - 18.3 | 62.3 - 76.6 | 11.5 - 23.4 | |
| General Pediatrics | 125 | 79 | 20.0 | 64.8 | 15.2 | 12.9 - 27.1 | 56.3 - 73.3 | 8.8 - 21.6 | |
| Specialist | 400 | 399 | 5.4 | 81.1 | 13.5 | 3.1 - 7.6 | 77.1 - 85.1 | 10 - 17 | |
| Practice Size | | | | | | | | | |
| 1-5 | 399 | 408 | 7.2 | 77.8 | 15.0 | 4.6 - 9.8 | 73.4 - 82.2 | 11.2 - 18.8 | |
| 6 - 19 | 216 | 220 | 7.8 | 79.6 | 12.6 | 4.4 - 11.3 | 74.1 - 85.1 | 7.9 - 17.3 | |
| 20+ | 92 | 91 | 27.5 | 56.0 | 16.5 | 17.2 - 37.8 | 44.9 - 67.1 | 8.1 - 25 | |
| Years Since Graduation | | | | | | | | | |
| under 10 | 39 | 42 | 14.3 | 70.0 | 15.7 | 2.5 - 26.2 | 53.8 - 86.2 | 2.2 - 29.1 | |
| 10 - 19 | 165 | 163 | 11.0 | 77.5 | 11.6 | 5.9 - 16.1 | 70.7 - 84.3 | 6.4 - 16.7 | |
| 20 - 29 | 219 | 223 | 11.3 | 70.7 | 18.0 | 6.8 - 15.9 | 64.2 - 77.2 | 12.4 - 23.5 | |
| 30+ | 291 | 301 | 7.0 | 77.8 | 15.3 | 4.1 - 9.9 | 72.7 - 82.8 | 10.9 - 19.7 | |
| Owner | | | | | | | | | |
| owner | 415 | 427 | 7.6 | 78.6 | 13.8 | 5 - 10.2 | 74.4 - 82.8 | 10.2 - 17.3 | |
| not owner | 291 | 291 | 13.5 | 70.5 | 16.0 | 9.3 - 17.7 | 64.8 - 76.1 | 11.4 - 20.6 | |

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| | | | Weighted Percentage Estimates | | | | | 95% Confidence Interval | | | | | |
|--------------------------|--------|----------|-------------------------------|----------|----------|------------|---------|-------------------------|-------------|-------------|-------------|-------------|--|
| | Sample | Weighted | | Somewhat | Not Very | Not At All | | | Somewhat | Not Very | Not At All | | |
| | Count | Count | Very likely | likely | likely | likely | Missing | Very likely | likely | likely | likely | Missing | |
| Total | 726 | 740 | 14.4 | 28.4 | 24.9 | 14.7 | 17.5 | 11.8 - 17.1 | 25 - 31.9 | 21.5 - 28.2 | 11.9 - 17.5 | 14.6 - 20.5 | |
| Primary Area of Practice | | | | | | | | | | | | | |
| Family Medicine | 37 | 25 | 18.9 | 35.1 | 18.9 | 10.8 | 16.2 | 5.7 - 32.2 | 19 - 51.3 | 5.7 - 32.2 | 0.3 - 21.3 | 3.8 - 28.7 | |
| Internal Medicine | 164 | 238 | 16.5 | 29.5 | 24.6 | 13.1 | 16.2 | 10.7 - 22.3 | 22.4 - 36.6 | 17.9 - 31.4 | 7.8 - 18.4 | 10.5 - 22 | |
| General Pediatrics | 125 | 79 | 29.6 | 32.8 | 18.4 | 4.8 | 14.4 | 21.5 - 37.7 | 24.5 - 41.1 | 11.5 - 25.3 | 1 - 8.6 | 8.2 - 20.6 | |
| Specialist | 400 | 399 | 9.9 | 26.5 | 26.6 | 17.9 | 19.0 | 6.9 - 12.9 | 22 - 31 | 22 - 31.2 | 13.9 - 21.9 | 14.9 - 23.2 | |
| Practice Size | | | | | | | | | | | | | |
| 1-5 | 399 | 408 | 14.0 | 27.6 | 23.1 | 17.3 | 17.9 | 10.4 - 17.6 | 23 - 32.2 | 18.7 - 27.6 | 13.2 - 21.4 | 13.8 - 22.1 | |
| 6 - 19 | 216 | 220 | 12.4 | 27.4 | 29.6 | 14.2 | 16.3 | 8 - 16.9 | 21.1 - 33.8 | 22.9 - 36.2 | 9.1 - 19.3 | 11.1 - 21.6 | |
| 20+ | 92 | 91 | 22.0 | 34.7 | 21.2 | 6.6 | 15.6 | 12.7 - 31.3 | 24.2 - 45.3 | 12.4 - 29.9 | 1.5 - 11.6 | 7.5 - 23.6 | |
| Years Since Graduation | | | | | | | | | | | | | |
| under 10 | 39 | 42 | 13.9 | 28.8 | 29.3 | 10.5 | 17.6 | 1.5 - 26.4 | 13.7 - 43.8 | 13.4 - 45.2 | 0 - 21.2 | 3.8 - 31.3 | |
| 10 - 19 | 165 | 163 | 12.2 | 34.0 | 24.8 | 14.6 | 14.3 | 7 - 17.3 | 26.3 - 41.7 | 17.6 - 32.1 | 8.6 - 20.6 | 8.6 - 20.1 | |
| 20 - 29 | 219 | 223 | 17.6 | 30.4 | 22.0 | 11.5 | 18.6 | 12.1 - 23 | 23.9 - 36.9 | 16.1 - 27.8 | 6.9 - 16.1 | 13 - 24.2 | |
| 30+ | 291 | 301 | 12.6 | 24.1 | 26.3 | 18.4 | 18.7 | 8.7 - 16.4 | 18.8 - 29.3 | 20.9 - 31.8 | 13.5 - 23.2 | 13.8 - 23.5 | |
| Owner | | | | | | | | | | | | | |
| owner | 415 | 427 | 10.4 | 27.4 | 28.5 | 16.9 | 16.8 | 7.4 - 13.4 | 22.9 - 32 | 23.8 - 33.2 | 13 - 20.8 | 12.9 - 20.8 | |
| not owner | 291 | 291 | 20.7 | 30.1 | 18.9 | 12.4 | 17.8 | 15.7 - 25.7 | 24.6 - 35.7 | 14.1 - 23.7 | 8.1 - 16.7 | 13.1 - 22.5 | |

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Table Q46: "On average how much formal training (including CME courses) have physicians in your practice had in learning how to better communicate with patients from diverse ethnic or cultural backgrounds?"

| | Sample | Weighted | We | eighted Perce | ntage Estima | tes | | 95% Confide | ence Interval | |
|--------------------------|--------|----------|-------------|---------------|--------------|---------|-------------|-------------|---------------|-----------|
| | Count | Count | Very Little | Some | A Lot | Missing | Very Little | Some | A Lot | Missing |
| Total | 1038 | 1038 | 42.3 | 47.5 | 8.4 | 1.9 | 39.1 - 45.5 | 44.2 - 50.7 | 6.6 - 10.2 | 1 - 2.8 |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 98 | 65 | 46.9 | 43.9 | 9.2 | | 36.9 - 57 | 33.9 - 53.9 | 3.4 - 15 | _ |
| Internal Medicine | 256 | 370 | 43.0 | 46.3 | 8.2 | 2.4 | 36.9 - 49.2 | 40.2 - 52.5 | 4.8 - 11.6 | 0.5 - 4.3 |
| General Pediatrics | 221 | 140 | 42.5 | 48.4 | 7.2 | 1.8 | 36 - 49.1 | 41.8 - 55.1 | 3.8 - 10.7 | 0 - 3.6 |
| Specialist | 463 | 463 | 41.0 | 48.5 | 8.7 | 1.7 | 36.2 - 45.7 | 43.7 - 53.4 | 6 - 11.5 | 0.6 - 2.9 |
| Practice Size | | | | | | | | | | |
| 1 - 5 | 529 | 535 | 45.4 | 44.3 | 8.6 | 1.8 | 40.8 - 49.9 | 39.7 - 48.8 | 6 - 11.2 | 0.6 - 3 |
| 6 - 19 | 313 | 304 | 38.6 | 53.3 | 7.7 | 0.4 | 32.8 - 44.4 | 47.3 - 59.2 | 4.5 - 10.9 | 0 - 1.1 |
| 20+ | 158 | 159 | 40.2 | 47.8 | 9.7 | 2.3 | 32 - 48.5 | 39.4 - 56.2 | 4.7 - 14.7 | 0 - 5 |
| Years Since Graduation | | | | | | | | | | |
| Under 10 | 67 | 66 | 27.0 | 60.5 | 10.9 | 1.6 | 15.2 - 38.8 | 47.8 - 73.3 | 3.5 - 18.2 | 0 - 4.7 |
| 10 - 19 | 229 | 225 | 39.6 | 52.4 | 8.0 | | 32.7 - 46.4 | 45.4 - 59.4 | 4 - 12 | _ |
| 20 - 29 | 311 | 311 | 46.0 | 46.4 | 6.2 | 1.4 | 40.1 - 52 | 40.4 - 52.4 | 3.3 - 9.1 | 0.1 - 2.7 |
| 30+ | 408 | 415 | 44.8 | 43.8 | 9.4 | 2.0 | 39.7 - 50 | 38.6 - 48.9 | 6.4 - 12.5 | 0.5 - 3.4 |
| Owner | | | | | | | | | | |
| Owner | 555 | 556 | 47.4 | 44.9 | 6.9 | 0.9 | 42.9 - 51.8 | 40.4 - 49.3 | 4.6 - 9.2 | 0.1 - 1.6 |
| Not Owner | 442 | 439 | 36.7 | 51.2 | 10.3 | 1.8 | 31.9 - 41.6 | 46.2 - 56.2 | 7.2 - 13.3 | 0.4 - 3.2 |

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| | | | | Weighte | d Percentage | Estimates | | 95% Confidence Interval | | | | | |
|--------------------------|--------|----------|------|---------|--------------|-----------|---------|-------------------------|-------------|-------------|-------------|-----------|--|
| | Sample | Weighted | | | | 10% or | | | | | 10% or | | |
| | Count | Count | 0% | 1-4% | 5-9% | greater | Missing | 0% | 1-4% | 5-9% | greater | Missing | |
| Total | 1038 | 1038 | 14.8 | 36.7 | 21.4 | 25.0 | 2.1 | 12.5 - 17.2 | 33.5 - 39.8 | 18.7 - 24 | 22.2 - 27.8 | 1.2 - 3.1 | |
| Primary Area of Practice | | | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 17.3 | 43.9 | 12.2 | 24.5 | 2.0 | 9.7 - 25 | 33.9 - 53.9 | 5.6 - 18.9 | 15.8 - 33.2 | 0 - 4.9 | |
| Internal Medicine | 256 | 370 | 19.4 | 37.6 | 16.8 | 23.8 | 2.4 | 14.5 - 24.3 | 31.6 - 43.6 | 12.2 - 21.4 | 18.5 - 29.1 | 0.5 - 4.3 | |
| General Pediatrics | 221 | 140 | 13.6 | 48.9 | 17.2 | 18.1 | 2.3 | 9 - 18.1 | 42.2 - 55.5 | 12.2 - 22.2 | 13 - 23.2 | 0.3 - 4.2 | |
| Specialist | 463 | 463 | 11.2 | 31.3 | 27.5 | 28.1 | 1.9 | 8.1 - 14.3 | 26.7 - 35.8 | 23.2 - 31.8 | 23.9 - 32.4 | 0.6 - 3.2 | |
| Practice Size | | | | | | | | | | | | | |
| 1-5 | 529 | 535 | 19.6 | 37.8 | 18.2 | 22.3 | 2.1 | 15.9 - 23.2 | 33.3 - 42.2 | 14.7 - 21.7 | 18.6 - 26.1 | 0.8 - 3.5 | |
| 6 - 19 | 313 | 304 | 8.8 | 36.5 | 26.2 | 27.5 | 0.9 | 5.4 - 12.3 | 30.8 - 42.3 | 21 - 31.5 | 22.2 - 32.9 | 0 - 1.7 | |
| 20+ | 158 | 159 | 9.8 | 33.9 | 24.4 | 30.1 | 1.9 | 4.6 - 15 | 25.9 - 41.8 | 17.3 - 31.5 | 22.4 - 37.7 | 0 - 4.5 | |
| Years Since Graduation | | | | | | | | | | | | | |
| Under 10 | 67 | 66 | 7.8 | 39.5 | 17.5 | 33.6 | 1.6 | 0 - 15.6 | 26.6 - 52.5 | 7.2 - 27.8 | 21.5 - 45.7 | 0 - 4.7 | |
| 10 - 19 | 229 | 225 | 8.9 | 37.2 | 25.6 | 28.4 | | 5 - 12.7 | 30.4 - 43.9 | 19.4 - 31.7 | 22.1 - 34.6 | _ | |
| 20 - 29 | 311 | 311 | 16.9 | 36.8 | 18.0 | 27.1 | 1.2 | 12.2 - 21.5 | 31.1 - 42.5 | 13.5 - 22.6 | 21.7 - 32.5 | 0 - 2.4 | |
| 30+ | 408 | 415 | 17.5 | 37.1 | 22.9 | 19.6 | 2.8 | 13.5 - 21.5 | 32 - 42.2 | 18.6 - 27.3 | 15.5 - 23.7 | 1.1 - 4.5 | |
| Owner | | | | | | | | | | | | | |
| Owner | 555 | 556 | 18.3 | 43.7 | 20.5 | 16.4 | 1.1 | 14.7 - 21.8 | 39.3 - 48.1 | 16.9 - 24 | 13.1 - 19.8 | 0.2 - 2 | |
| Not Owner | 442 | 439 | 9.8 | 28.1 | 23.2 | 36.7 | 2.1 | 6.9 - 12.8 | 23.6 - 32.7 | 19 - 27.5 | 31.9 - 41.5 | 0.7 - 3.6 | |

Table Q48a: "In the last 12 months, when providing care for patients who you have difficulty communicating with due to language barriers, how often did you do the following?: Use a member of your clinical or office staff as an interpreter."

| | Sample | Weighted | | V | Weighted Percer | tage Estimat | tes | |
|--------------------------|--------|----------|--------|---------|-----------------|--------------|-------|---------|
| | Count | Count | Always | Usually | Sometimes | Rarely | Never | Missing |
| Total | 1038 | 1038 | 10.5 | 20.1 | 21.4 | 14.8 | 26.4 | 6.7 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 98 | 65 | 5.1 | 16.3 | 19.4 | 18.4 | 35.7 | 5.1 |
| Internal Medicine | 256 | 370 | 6.4 | 14.2 | 17.6 | 16.8 | 34.6 | 10.4 |
| General Pediatrics | 221 | 140 | 11.3 | 17.6 | 18.1 | 10.4 | 36.7 | 5.9 |
| Specialist | 463 | 463 | 14.4 | 26.2 | 25.8 | 13.9 | 15.5 | 4.2 |
| Practice Size | | | | | | | | |
| 1-5 | 529 | 535 | 8.8 | 16.7 | 19.4 | 13.2 | 34.4 | 7.4 |
| 6 - 19 | 313 | 304 | 13.5 | 25.1 | 27.5 | 14.8 | 14.3 | 4.9 |
| 20+ | 158 | 159 | 10.5 | 24.2 | 18.4 | 19.6 | 21.3 | 6.1 |
| Years Since Graduation | | | | | | | | |
| Under 10 | 67 | 66 | 5.7 | 22.1 | 20.9 | 18.2 | 28.3 | 4.8 |
| 10 - 19 | 229 | 225 | 8.8 | 23.8 | 22.7 | 19.5 | 22.5 | 2.8 |
| 20 - 29 | 311 | 311 | 8.3 | 21.1 | 21.8 | 12.9 | 29.1 | 6.8 |
| 30+ | 408 | 415 | 13.2 | 17.3 | 21.1 | 13.8 | 27.1 | 7.4 |
| Owner | | | | | | | | |
| Owner | 555 | 556 | 10.5 | 22.4 | 20.2 | 12.3 | 28.6 | 6.1 |
| Not Owner | 442 | 439 | 10.8 | 17.8 | 23.6 | 18.3 | 22.9 | 6.6 |

| | | | 95% Confide | nce Interval | | |
|--------------------------|------------|-------------|-------------|--------------|-------------|------------|
| | Always | Usually | Sometimes | Rarely | Never | Missing |
| Total | 8.6 - 12.5 | 17.5 - 22.7 | 18.8 - 24.1 | 12.4 - 17.1 | 23.5 - 29.3 | 5 - 8.4 |
| Primary Area of Practice | | | | | | |
| Family Medicine | 0.7 - 9.5 | 8.9 - 23.8 | 11.4 - 27.4 | 10.6 - 26.2 | 26.1 - 45.4 | 0.7 - 9.5 |
| Internal Medicine | 3.4 - 9.4 | 9.9 - 18.6 | 12.9 - 22.3 | 12.2 - 21.5 | 28.7 - 40.5 | 6.6 - 14.2 |
| General Pediatrics | 7.1 - 15.5 | 12.6 - 22.7 | 13 - 23.2 | 6.3 - 14.5 | 30.2 - 43.1 | 2.8 - 9 |
| Specialist | 11 - 17.9 | 21.9 - 30.4 | 21.6 - 30 | 10.6 - 17.2 | 12 - 19 | 2.4 - 6.1 |
| Practice Size | | | | | | |
| 1-5 | 6.3 - 11.4 | 13.3 - 20.1 | 15.8 - 23 | 10 - 16.3 | 30.1 - 38.8 | 4.9 - 9.9 |
| 6 - 19 | 9.4 - 17.6 | 19.9 - 30.3 | 22.1 - 32.8 | 10.6 - 18.9 | 10.1 - 18.4 | 2.5 - 7.4 |
| 20+ | 5.3 - 15.7 | 17.1 - 31.2 | 12.1 - 24.6 | 12.8 - 26.4 | 14.3 - 28.2 | 2 - 10.3 |
| Years Since Graduation | | | | | | |
| Under 10 | 0 - 12.3 | 11.2 - 33 | 10.4 - 31.3 | 8 - 28.4 | 16.4 - 40.3 | 0 - 10.5 |
| 10 - 19 | 4.8 - 12.7 | 17.8 - 29.8 | 16.9 - 28.5 | 13.9 - 25 | 16.6 - 28.3 | 0.6 - 5 |
| 20 - 29 | 5.2 - 11.5 | 16.1 - 26 | 16.9 - 26.8 | 8.9 - 16.9 | 23.6 - 34.5 | 3.8 - 9.9 |
| 30+ | 9.6 - 16.7 | 13.6 - 21.1 | 16.9 - 25.3 | 10.2 - 17.5 | 22.5 - 31.8 | 4.6 - 10.2 |
| Owner | | | | | | |
| Owner | 7.8 - 13.1 | 18.6 - 26.1 | 16.6 - 23.8 | 9.3 - 15.3 | 24.5 - 32.6 | 3.9 - 8.3 |
| Not Owner | 7.6 - 14.1 | 14.1 - 21.6 | 19.4 - 27.7 | 14.4 - 22.1 | 18.6 - 27.1 | 4.2 - 9.1 |

| Table Q48b: "In the last 12 mo | onths, when pro | viding care for | patients wh | o you have di | fficulty commun | icating with | due to langua | ge barriers, | | |
|--------------------------------|-----------------|-----------------|-------------------------------|---------------|-----------------|--------------|---------------|--------------|--|--|
| how often did you do the follo | owing?: Use a p | aid interprete | r or interpret | ing service o | phone line." | | | | | |
| • | Sample | Weighted | Weighted Percentage Estimates | | | | | | | |
| | Count | Count | Always | Usually | Sometimes | Rarely | Never | Missing | | |
| Total | 1038 | 1038 | 6.0 | 12.5 | 15.8 | 14.2 | 44.4 | 7.0 | | |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 98 | 65 | 4.1 | 10.2 | 12.2 | 13.3 | 56.1 | 4.1 | | |
| Internal Medicine | 256 | 370 | 4.2 | 8.4 | 10.0 | 8.4 | 59.0 | 10.0 | | |
| General Pediatrics | 221 | 140 | 6.3 | 7.2 | 11.3 | 10.4 | 58.4 | 6.3 | | |
| Specialist | 463 | 463 | 7.6 | 17.7 | 22.3 | 20.2 | 26.9 | 5.2 | | |
| Practice Size | | | | | | | | | | |
| 1-5 | 529 | 535 | 4.4 | 8.8 | 11.6 | 10.3 | 56.5 | 8.5 | | |
| 6 - 19 | 313 | 304 | 6.5 | 17.6 | 24.1 | 17.5 | 29.9 | 4.4 | | |
| 20+ | 158 | 159 | 8.8 | 14.0 | 16.6 | 21.5 | 33.4 | 5.6 | | |
| Years Since Graduation | | | | | | | | | | |
| Under 10 | 67 | 66 | 10.9 | 24.4 | 15.9 | 10.7 | 34.2 | 3.8 | | |
| 10 - 19 | 229 | 225 | 9.2 | 18.1 | 18.7 | 17.7 | 34.9 | 1.5 | | |
| 20 - 29 | 311 | 311 | 5.6 | 12.6 | 17.5 | 14.4 | 43.8 | 6.0 | | |
| 30+ | 408 | 415 | 3.9 | 8.1 | 12.8 | 12.4 | 53.2 | 9.7 | | |
| Owner | | | | | | | | | | |
| Owner | 555 | 556 | 1.8 | 5.9 | 13.9 | 15.4 | 55.9 | 7.1 | | |
| Not Owner | 442 | 439 | 10.7 | 21.0 | 18.5 | 12.4 | 31.0 | 6.4 | | |

| | | | 95% Confide | nce Interval | | |
|--------------------------|------------|-------------|-------------|--------------|-------------|------------|
| | Always | Usually | Sometimes | Rarely | Never | Missing |
| Total | 4.5 - 7.5 | 10.4 - 14.6 | 13.5 - 18.2 | 12 - 16.5 | 41.2 - 47.7 | 5.3 - 8.7 |
| Primary Area of Practice | | | | | | |
| Family Medicine | 0.1 - 8.1 | 4.1 - 16.3 | 5.6 - 18.9 | 6.4 - 20.1 | 46.1 - 66.1 | 0.1 - 8.1 |
| Internal Medicine | 1.7 - 6.7 | 5 - 11.9 | 6.3 - 13.8 | 5 - 11.8 | 52.9 - 65.1 | 6.3 - 13.7 |
| General Pediatrics | 3.1 - 9.6 | 3.8 - 10.7 | 7.1 - 15.5 | 6.3 - 14.5 | 51.8 - 64.9 | 3.1 - 9.6 |
| Specialist | 5 - 10.1 | 14.1 - 21.3 | 18.3 - 26.3 | 16.3 - 24.1 | 22.6 - 31.2 | 3.1 - 7.4 |
| Practice Size | | | | | | |
| 1-5 | 2.5 - 6.2 | 6.3 - 11.4 | 8.6 - 14.5 | 7.6 - 12.9 | 52 - 61 | 5.8 - 11.1 |
| 6 - 19 | 3.6 - 9.5 | 13.1 - 22.1 | 18.9 - 29.2 | 12.9 - 22.2 | 24.5 - 35.3 | 2 - 6.8 |
| 20+ | 4.2 - 13.4 | 8.3 - 19.7 | 10.5 - 22.6 | 14.6 - 28.5 | 25.4 - 41.4 | 1.6 - 9.7 |
| Years Since Graduation | | | | | | |
| Under 10 | 3 - 18.8 | 12.8 - 36 | 6.1 - 25.8 | 3.1 - 18.3 | 21.8 - 46.7 | 0 - 9.2 |
| 10 - 19 | 4.9 - 13.5 | 12.7 - 23.5 | 13.2 - 24.2 | 12.3 - 23 | 28.2 - 41.5 | 0.2 - 2.8 |
| 20 - 29 | 3 - 8.3 | 8.7 - 16.4 | 12.9 - 22.1 | 10.2 - 18.7 | 37.9 - 49.8 | 3.1 - 8.9 |
| 30+ | 2 - 5.8 | 5.3 - 10.8 | 9.4 - 16.2 | 9 - 15.7 | 48 - 58.4 | 6.5 - 12.8 |
| Owner | | | | | | |
| Owner | 0.6 - 3 | 3.8 - 8 | 10.8 - 17 | 12.2 - 18.6 | 51.4 - 60.3 | 4.8 - 9.5 |
| Not Owner | 7.7 - 13.7 | 17 - 25 | 14.6 - 22.3 | 9.2 - 15.7 | 26.3 - 35.7 | 3.8 - 8.9 |

Table Q48c: "In the last 12 months, when providing care for patients who you have difficulty communicating with due to language barriers, how often did you do the following?: Ask the patient's family member or friend to interpret."

| | Sample | Weighted | | V | Veighted Percer | ntage Estimat | es | |
|--------------------------|--------|----------|--------|---------|-----------------|---------------|-------|---------|
| | Count | Count | Always | Usually | Sometimes | Rarely | Never | Missing |
| Total | 1038 | 1038 | 11.2 | 30.8 | 31.9 | 14.1 | 6.5 | 5.6 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 98 | 65 | 12.2 | 26.5 | 35.7 | 14.3 | 9.2 | 2.0 |
| Internal Medicine | 256 | 370 | 15.4 | 34.8 | 21.2 | 12.4 | 7.6 | 8.6 |
| General Pediatrics | 221 | 140 | 10.0 | 23.1 | 32.6 | 19.9 | 7.7 | 6.8 |
| Specialist | 463 | 463 | 8.0 | 30.5 | 39.8 | 13.6 | 4.8 | 3.3 |
| Practice Size | | | | | | | | |
| 1 - 5 | 529 | 535 | 13.8 | 30.4 | 28.3 | 13.9 | 7.1 | 6.4 |
| 6 - 19 | 313 | 304 | 8.1 | 32.1 | 36.5 | 15.0 | 5.0 | 3.4 |
| 20+ | 158 | 159 | 8.2 | 28.9 | 35.8 | 13.5 | 8.3 | 5.2 |
| Years Since Graduation | | | | | | | | |
| Under 10 | 67 | 66 | 3.7 | 28.7 | 32.0 | 26.6 | 4.2 | 4.8 |
| 10 - 19 | 229 | 225 | 6.3 | 37.4 | 28.7 | 19.7 | 5.4 | 2.5 |
| 20 - 29 | 311 | 311 | 7.1 | 30.7 | 34.6 | 15.0 | 8.0 | 4.7 |
| 30+ | 408 | 415 | 18.2 | 28.4 | 32.6 | 8.0 | 6.6 | 6.2 |
| Owner | | | | | | | | |
| Owner | 555 | 556 | 15.0 | 34.0 | 31.3 | 9.7 | 5.1 | 4.9 |
| Not Owner | 442 | 439 | 6.7 | 27.1 | 32.8 | 19.6 | 8.3 | 5.5 |

| | | | 95% Confide | nce Interval | | |
|--------------------------|-------------|-------------|-------------|--------------|------------|------------|
| | Always | Usually | Sometimes | Rarely | Never | Missing |
| Total | 9.1 - 13.3 | 27.8 - 33.8 | 28.9 - 35 | 11.8 - 16.3 | 4.8 - 8.1 | 4.1 - 7.1 |
| Primary Area of Practice | | | | | | |
| Family Medicine | 5.6 - 18.9 | 17.6 - 35.4 | 26.1 - 45.4 | 7.2 - 21.3 | 3.4 - 15 | 0 - 4.9 |
| Internal Medicine | 10.9 - 19.8 | 28.9 - 40.7 | 16.1 - 26.3 | 8.3 - 16.6 | 4.3 - 10.9 | 5.1 - 12 |
| General Pediatrics | 6 - 13.9 | 17.5 - 28.7 | 26.4 - 38.8 | 14.6 - 25.2 | 4.2 - 11.2 | 3.4 - 10.1 |
| Specialist | 5.4 - 10.6 | 26.1 - 34.9 | 35.1 - 44.5 | 10.3 - 16.9 | 2.6 - 6.9 | 1.6 - 5 |
| Practice Size | | | | | | |
| 1-5 | 10.6 - 17.1 | 26.2 - 34.7 | 24.2 - 32.4 | 10.8 - 17.1 | 4.7 - 9.4 | 4.1 - 8.7 |
| 6 - 19 | 4.7 - 11.4 | 26.5 - 37.7 | 30.7 - 42.2 | 10.9 - 19.1 | 2.3 - 7.6 | 1.4 - 5.4 |
| 20+ | 3.9 - 12.4 | 21.4 - 36.5 | 27.8 - 43.8 | 7.7 - 19.4 | 3.4 - 13.3 | 1.3 - 9.2 |
| Years Since Graduation | | | | | | |
| Under 10 | 0 - 8 | 16.4 - 41 | 19.8 - 44.2 | 15 - 38.2 | 0 - 8.4 | 0 - 10.5 |
| 10 - 19 | 2.8 - 9.8 | 30.5 - 44.2 | 22.6 - 34.8 | 14.2 - 25.2 | 2.2 - 8.7 | 0.3 - 4.6 |
| 20 - 29 | 4 - 10.1 | 25.2 - 36.3 | 28.9 - 40.2 | 10.7 - 19.3 | 4.6 - 11.3 | 2.2 - 7.2 |
| 30+ | 14.1 - 22.2 | 23.8 - 33.1 | 27.7 - 37.5 | 5.3 - 10.7 | 3.9 - 9.2 | 3.7 - 8.8 |
| Owner | | | | | | |
| Owner | 11.8 - 18.3 | 29.8 - 38.2 | 27.1 - 35.5 | 7.1 - 12.3 | 3.1 - 7.2 | 2.9 - 6.8 |
| Not Owner | 4.1 - 9.2 | 22.6 - 31.6 | 28.2 - 37.4 | 15.7 - 23.6 | 5.5 - 11.1 | 3.2 - 7.8 |

Table Q48d: "In the last 12 months, when providing care for patients who you have difficulty communicating with due to language barriers, how often did you do the following?: Try to work through the encounter despite the language barrier."

| | Sample | Weighted | | V | Veighted Percer | ntage Estimat | es | |
|--------------------------|--------|----------|--------|---------|------------------------|---------------|-------|---------|
| | Count | Count | Always | Usually | Sometimes | Rarely | Never | Missing |
| Total | 1038 | 1038 | 4.4 | 10.7 | 24.5 | 29.4 | 23.9 | 7.1 |
| Primary Area of Practice | | | | | | | | |
| Family Medicine | 98 | 65 | 6.1 | 14.3 | 27.6 | 21.4 | 26.5 | 4.1 |
| Internal Medicine | 256 | 370 | 5.3 | 11.0 | 20.8 | 29.5 | 22.1 | 11.4 |
| General Pediatrics | 221 | 140 | 7.2 | 14.0 | 31.2 | 19.0 | 20.8 | 7.7 |
| Specialist | 463 | 463 | 2.4 | 9.1 | 24.9 | 33.6 | 25.9 | 4.0 |
| Practice Size | | | | | | | | |
| 1-5 | 529 | 535 | 6.1 | 13.2 | 23.3 | 26.9 | 22.4 | 8.2 |
| 6 - 19 | 313 | 304 | 1.4 | 9.6 | 24.9 | 32.5 | 26.4 | 5.3 |
| 20+ | 158 | 159 | 2.7 | 5.4 | 26.3 | 33.5 | 26.4 | 5.6 |
| Years Since Graduation | | | | | | | | |
| Under 10 | 67 | 66 | 1.0 | 14.4 | 27.5 | 29.2 | 23.1 | 4.8 |
| 10 - 19 | 229 | 225 | 2.9 | 13.4 | 27.8 | 27.9 | 24.8 | 3.1 |
| 20 - 29 | 311 | 311 | 3.7 | 10.5 | 20.1 | 34.5 | 25.0 | 6.2 |
| 30+ | 408 | 415 | 6.4 | 9.3 | 25.8 | 27.4 | 22.4 | 8.7 |
| Owner | | | | | | | | |
| Owner | 555 | 556 | 5.3 | 12.4 | 28.0 | 25.6 | 21.7 | 7.0 |
| Not Owner | 442 | 439 | 3.0 | 8.6 | 20.3 | 34.9 | 26.7 | 6.5 |

| | | • | | | | |
|--------------------------|------------|------------|-------------|--------------|-------------|------------|
| | | | 95% Confide | nce Interval | | |
| | Always | Usually | Sometimes | Rarely | Never | Missing |
| Total | 3 - 5.7 | 8.7 - 12.8 | 21.7 - 27.2 | 26.4 - 32.4 | 21.1 - 26.7 | 5.4 - 8.9 |
| Primary Area of Practice | | | | | | |
| Family Medicine | 1.3 - 11 | 7.2 - 21.3 | 18.5 - 36.6 | 13.2 - 29.7 | 17.6 - 35.4 | 0.1 - 8.1 |
| Internal Medicine | 2.6 - 8.1 | 7.1 - 14.8 | 15.8 - 25.9 | 23.8 - 35.1 | 16.9 - 27.2 | 7.4 - 15.3 |
| General Pediatrics | 3.8 - 10.7 | 9.4 - 18.6 | 25.1 - 37.4 | 13.8 - 24.2 | 15.4 - 26.2 | 4.2 - 11.2 |
| Specialist | 0.9 - 4 | 6.1 - 12 | 20.8 - 29.1 | 29.1 - 38.1 | 21.8 - 30.1 | 2.2 - 5.8 |
| Practice Size | | | | | | |
| 1-5 | 3.9 - 8.2 | 10 - 16.3 | 19.5 - 27.1 | 22.8 - 31 | 18.6 - 26.2 | 5.7 - 10.8 |
| 6 - 19 | 0.1 - 2.7 | 5.9 - 13.2 | 19.7 - 30.1 | 26.9 - 38.1 | 21.1 - 31.6 | 2.7 - 7.9 |
| 20+ | 0.2 - 5.2 | 2.1 - 8.8 | 19 - 33.7 | 25.6 - 41.5 | 18.9 - 33.8 | 1.6 - 9.7 |
| Years Since Graduation | | | | | | |
| Under 10 | 0 - 2.9 | 5.3 - 23.5 | 15.5 - 39.6 | 17.5 - 40.9 | 11.9 - 34.4 | 0 - 10.5 |
| 10 - 19 | 0.9 - 5 | 8.5 - 18.3 | 21.5 - 34 | 21.7 - 34.2 | 18.8 - 30.8 | 0.6 - 5.6 |
| 20 - 29 | 1.4 - 6 | 6.8 - 14.3 | 15.4 - 24.7 | 28.8 - 40.3 | 19.9 - 30.1 | 3.3 - 9.1 |
| 30+ | 3.9 - 8.9 | 6.2 - 12.3 | 21.3 - 30.3 | 22.8 - 32.1 | 18.1 - 26.8 | 5.7 - 11.7 |
| Owner | | | | | | |
| Owner | 3.3 - 7.2 | 9.4 - 15.4 | 24 - 31.9 | 21.7 - 29.5 | 18 - 25.4 | 4.7 - 9.3 |
| Not Owner | 1.2 - 4.7 | 5.8 - 11.4 | 16.4 - 24.3 | 30.1 - 39.8 | 22.3 - 31 | 4 - 9 |

| | | | Weighted Percentage Estimates | | | | | | | |
|--------------------------|--------|----------------|-------------------------------|-------------|-------------|-----------------|---------|--|--|--|
| | Sample | ample Weighted | | Somewhat | Not Very | Not Challenging | | | | |
| | Count | Count | Very Challenging | Challenging | Challenging | At All | Missing | | | |
| Total | 1038 | 1038 | 54.7 | 33.8 | 5.3 | 2.0 | 4.2 | | | |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 98 | 65 | 61.2 | 28.6 | 6.1 | 3.1 | 1.0 | | | |
| Internal Medicine | 256 | 370 | 55.8 | 31.8 | 5.6 | 2.8 | 4.0 | | | |
| General Pediatrics | 221 | 140 | 50.2 | 36.2 | 5.9 | 3.6 | 4.1 | | | |
| Specialist | 463 | 463 | 54.3 | 35.3 | 4.7 | 0.8 | 4.8 | | | |
| Practice Size | | | | | | | | | | |
| 1-5 | 529 | 535 | 53.3 | 35.8 | 5.1 | 1.5 | 4.3 | | | |
| 6 - 19 | 313 | 304 | 57.7 | 30.9 | 4.8 | 3.1 | 3.5 | | | |
| 20+ | 158 | 159 | 55.4 | 33.5 | 7.4 | 1.3 | 2.4 | | | |
| Years Since Graduation | | | | | | | | | | |
| Under 10 | 67 | 66 | 47.8 | 43.0 | 4.4 | 1.0 | 3.8 | | | |
| 10 - 19 | 229 | 225 | 60.6 | 29.7 | 5.4 | 1.0 | 3.3 | | | |
| 20 - 29 | 311 | 311 | 54.4 | 36.7 | 3.5 | 3.2 | 2.3 | | | |
| 30+ | 408 | 415 | 53.8 | 32.8 | 6.9 | 2.0 | 4.6 | | | |
| Owner | | | | | | | | | | |
| Owner | 555 | 556 | 51.9 | 39.7 | 4.9 | 1.7 | 1.8 | | | |
| Not Owner | 442 | 439 | 58.2 | 27.2 | 5.8 | 2.6 | 6.1 | | | |

| | | 959 | % Confidence Inte | erval | |
|--------------------------|------------------|-------------|-------------------|-----------------|-----------|
| | | Somewhat | Not Very | Not Challenging | |
| | Very Challenging | Challenging | Challenging | At All | Missing |
| Total | 51.5 - 58 | 30.7 - 36.9 | 3.8 - 6.8 | 1.2 - 2.9 | 2.9 - 5.5 |
| Primary Area of Practice | | | | | |
| Family Medicine | 51.4 - 71 | 19.5 - 37.7 | 1.3 - 11 | 0 - 6.5 | 0 - 3 |
| Internal Medicine | 49.6 - 62 | 26 - 37.6 | 2.7 - 8.5 | 0.8 - 4.7 | 1.6 - 6.5 |
| General Pediatrics | 43.6 - 56.9 | 29.8 - 42.6 | 2.8 - 9 | 1.1 - 6.1 | 1.4 - 6.7 |
| Specialist | 49.5 - 59.1 | 30.7 - 39.9 | 2.7 - 6.8 | 0.1 - 1.5 | 2.8 - 6.9 |
| Practice Size | | | | | |
| 1-5 | 48.7 - 57.9 | 31.4 - 40.2 | 3.1 - 7 | 0.6 - 2.5 | 2.4 - 6.3 |
| 6 - 19 | 51.8 - 63.6 | 25.5 - 36.4 | 2.2 - 7.4 | 0.9 - 5.2 | 1.4 - 5.7 |
| 20+ | 47.1 - 63.8 | 25.6 - 41.5 | 2.9 - 11.9 | 0 - 2.8 | 0 - 4.8 |
| Years Since Graduation | | | | | |
| Under 10 | 34.6 - 60.9 | 30 - 56.1 | 0 - 9.8 | 0 - 2.9 | 0 - 9.3 |
| 10 - 19 | 53.8 - 67.3 | 23.5 - 36 | 2.3 - 8.5 | 0 - 2.4 | 0.7 - 5.9 |
| 20 - 29 | 48.4 - 60.4 | 30.9 - 42.4 | 1.4 - 5.5 | 1.2 - 5.1 | 0.5 - 4.2 |
| 30+ | 48.6 - 59 | 27.9 - 37.7 | 4.1 - 9.6 | 0.7 - 3.4 | 2.5 - 6.7 |
| Owner | | | | | |
| Owner | 47.5 - 56.4 | 35.2 - 44.1 | 3 - 6.8 | 0.7 - 2.7 | 0.6 - 3 |
| Not Owner | 53.3 - 63.1 | 22.9 - 31.6 | 3.4 - 8.2 | 1 - 4.3 | 3.7 - 8.6 |

| | | | Weighted Percentage Estimates | | | | | | | |
|--------------------------|-----------------|-------------------|-------------------------------|-------------------------|-------------------------|---------------------------|---------|--|--|--|
| | Sample Count | Weighted Count | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing | | | |
| Total | 1038 | 1038 | 64.1 | 28.3 | 3.1 | 1.2 | 3.3 | | | |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 98 | 65 | 66.3 | 28.6 | 2.0 | 2.0 | 1.0 | | | |
| Internal Medicine | 256 | 370 | 68.0 | 24.0 | 2.8 | 2.0 | 3.2 | | | |
| General Pediatrics | 221 | 140 | 57.0 | 34.8 | 2.7 | 1.8 | 3.6 | | | |
| Specialist | 463 | 463 | 62.8 | 29.8 | 3.6 | 0.2 | 3.7 | | | |
| Practice Size | | | | | | | | | | |
| 1-5 | 529 | 535 | 65.3 | 27.8 | 2.7 | 0.9 | 3.2 | | | |
| 6 - 19 | 313 | 304 | 63.3 | 30.2 | 2.1 | 1.4 | 2.8 | | | |
| 20+ | 158 | 159 | 63.6 | 27.6 | 6.0 | 0.9 | 1.8 | | | |
| Years Since Graduation | | | | | | | | | | |
| Under 10 | 67 | 66 | 53.3 | 39.6 | 3.2 | _ | 3.8 | | | |
| 10 - 19 | 229 | 225 | 68.4 | 26.1 | 3.9 | 0.7 | 1.0 | | | |
| 20 - 29 | 311 | 311 | 65.5 | 28.0 | 2.3 | 2.3 | 1.9 | | | |
| 30+ | 408 | 415 | 63.4 | 28.1 | 3.4 | 0.9 | 4.2 | | | |
| Owner | | | | | | | | | | |
| Owner | 555 | 556 | 64.7 | 31.8 | 1.7 | 0.7 | 1.1 | | | |
| Not Owner | 442 | 439 | 63.9 | 24.3 | 4.8 | 1.9 | 5.1 | | | |

| | | | 95% | % Confidence Inte | erval | |
|--------------|----------------|------------------|-------------------------|-------------------------|------------------------|-----------|
| | | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing |
| Total | | 61 - 67.2 | 25.4 - 31.2 | 1.9 - 4.3 | 0.5 - 1.9 | 2.2 - 4.5 |
| Primary Are | ea of Practice | | | | | |
| Family N | /ledicine | 56.8 - 75.9 | 19.5 - 37.7 | 0 - 4.9 | 0 - 4.9 | 0 - 3 |
| | Medicine | 62.2 - 73.8 | 18.7 - 29.3 | 0.7 - 4.9 | 0.3 - 3.8 | 1 - 5.4 |
| General | Pediatrics | 50.4 - 63.6 | 28.5 - 41.2 | 0.6 - 4.9 | 0 - 3.6 | 1.1 - 6.1 |
| Specialis | st | 58.1 - 67.5 | 25.3 - 34.2 | 1.6 - 5.5 | 0 - 0.5 | 2 - 5.4 |
| Practice Siz | е | | | | | |
| 1-5 | | 61 - 69.7 | 23.8 - 31.9 | 1.2 - 4.3 | 0.1 - 1.6 | 1.6 - 4.8 |
| 6 - 19 | | 57.6 - 69.1 | 24.8 - 35.7 | 0.3 - 4 | 0 - 2.9 | 1 - 4.7 |
| 20+ | | 55.6 - 71.7 | 20.2 - 35.1 | 1.9 - 10 | 0 - 2.8 | 0 - 4.1 |
| Years Since | Graduation | | | | | |
| Under 10 | 0 | 40.2 - 66.5 | 26.7 - 52.4 | 0 - 8.1 | _ | 0 - 9.3 |
| 10 - 19 | | 62 - 74.8 | 20 - 32.1 | 1.2 - 6.6 | 0 - 2 | 0 - 2.1 |
| 20 - 29 | | 59.9 - 71.2 | 22.7 - 33.3 | 0.5 - 4.1 | 0.5 - 4.1 | 0.3 - 3.5 |
| 30+ | | 58.4 - 68.5 | 23.4 - 32.8 | 1.4 - 5.4 | 0 - 1.8 | 2.2 - 6.2 |
| Owner | | | | | | |
| Owner | | 60.4 - 68.9 | 27.6 - 36 | 0.5 - 2.9 | 0.1 - 1.2 | 0.3 - 2 |
| Not Owr | ner | 59.1 - 68.7 | 20.1 - 28.5 | 2.6 - 7.1 | 0.4 - 3.4 | 2.9 - 7.3 |

| | | | Weighted Percentage Estimates | | | | | | | |
|--------------------------|-----------------|-------------------|-------------------------------|-------------------------|-------------------------|------------------------|---------|--|--|--|
| | Sample Count | Weighted Count | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing | | | |
| Total | 1038 | 1038 | 6.5 | 46.9 | 34.7 | 9.6 | 2.3 | | | |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 98 | 65 | 12.2 | 50.0 | 29.6 | 7.1 | 1.0 | | | |
| Internal Medicine | 256 | 370 | 9.6 | 51.6 | 27.0 | 9.0 | 2.8 | | | |
| General Pediatrics | 221 | 140 | 4.5 | 41.6 | 40.7 | 11.3 | 1.8 | | | |
| Specialist | 463 | 463 | 3.9 | 44.3 | 39.7 | 9.9 | 2.2 | | | |
| Practice Size | | | | | | | | | | |
| 1 - 5 | 529 | 535 | 5.9 | 46.5 | 36.3 | 8.8 | 2.6 | | | |
| 5 - 19 | 313 | 304 | 7.6 | 43.5 | 35.2 | 12.8 | 0.9 | | | |
| 20+ | 158 | 159 | 6.8 | 54.1 | 31.0 | 7.2 | 0.9 | | | |
| Years Since Graduation | | | | | | | | | | |
| Under 10 | 67 | 66 | 4.5 | 43.5 | 46.0 | 4.4 | 1.6 | | | |
| 10 - 19 | 229 | 225 | 5.1 | 46.6 | 39.9 | 8.5 | _ | | | |
| 20 - 29 | 311 | 311 | 8.9 | 47.2 | 30.1 | 12.7 | 1.1 | | | |
| 30+ | 408 | 415 | 5.7 | 48.8 | 34.1 | 8.4 | 3.1 | | | |
| Owner | | | | | | | | | | |
| Owner | 555 | 556 | 4.8 | 45.8 | 38.0 | 10.4 | 1.0 | | | |
| Not Owner | 442 | 439 | 8.6 | 48.7 | 30.9 | 8.9 | 2.8 | | | |

| | | 95% | 6 Confidence Inte | erval | |
|--------------------------|------------------|-------------------------|-------------------------|------------------------|-----------|
| | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing |
| Total | 4.9 - 8.1 | 43.6 - 50.1 | 31.6 - 37.8 | 7.7 - 11.6 | 1.3 - 3.3 |
| Primary Area of Practice | | | | | |
| Family Medicine | 5.6 - 18.9 | 39.9 - 60.1 | 20.4 - 38.8 | 2 - 12.3 | 0 - 3 |
| Internal Medicine | 5.9 - 13.2 | 45.4 - 57.8 | 21.5 - 32.5 | 5.4 - 12.6 | 0.7 - 4.9 |
| General Pediatrics | 1.8 - 7.3 | 35.1 - 48.2 | 34.2 - 47.3 | 7.1 - 15.5 | 0 - 3.6 |
| Specialist | 2.1 - 5.6 | 39.5 - 49 | 34.9 - 44.5 | 6.9 - 12.9 | 0.9 - 3.5 |
| Practice Size | | | | | |
| 1-5 | 3.7 - 8 | 41.9 - 51 | 31.9 - 40.7 | 6.2 - 11.5 | 1.1 - 4 |
| 6 - 19 | 4.3 - 10.8 | 37.6 - 49.4 | 29.4 - 40.9 | 8.7 - 16.9 | 0 - 1.9 |
| 20+ | 2.6 - 11 | 45.8 - 62.5 | 23.2 - 38.7 | 2.8 - 11.5 | 0 - 2.8 |
| Years Since Graduation | | | | | |
| Under 10 | 0 - 9.9 | 30.5 - 56.5 | 32.9 - 59.2 | 0 - 9.8 | 0 - 4.7 |
| 10 - 19 | 2.3 - 7.8 | 39.6 - 53.6 | 33 - 46.7 | 4.5 - 12.5 | _ |
| 20 - 29 | 5.3 - 12.4 | 41.2 - 53.2 | 24.7 - 35.6 | 8.6 - 16.8 | 0 - 2.4 |
| 30+ | 3.3 - 8.1 | 43.6 - 54 | 29.1 - 39 | 5.5 - 11.2 | 1.3 - 4.8 |
| Owner | | | | | |
| Owner | 3 - 6.7 | 41.3 - 50.3 | 33.7 - 42.3 | 7.6 - 13.1 | 0.2 - 1.8 |
| Not Owner | 5.8 - 11.5 | 43.7 - 53.7 | 26.3 - 35.5 | 6 - 11.8 | 1.1 - 4.5 |

| | | | Weighted Percentage Estimates | | | | | | |
|--------------------------|-----------------|------|-------------------------------|-------------------------|-------------------------|---------------------------|---------|--|--|
| | Sample Count | | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing | | |
| Total | 1038 | 1038 | 5.2 | 44.6 | 41.6 | 6.0 | 2.5 | | |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 98 | 65 | 7.1 | 32.7 | 48.0 | 11.2 | 1.0 | | |
| Internal Medicine | 256 | 370 | 6.0 | 41.6 | 42.0 | 7.2 | 3.2 | | |
| General Pediatrics | 221 | 140 | 5.4 | 38.5 | 43.0 | 11.3 | 1.8 | | |
| Specialist | 463 | 463 | 4.3 | 50.5 | 40.0 | 2.8 | 2.4 | | |
| Practice Size | | | | | | | | | |
| 1 - 5 | 529 | 535 | 4.5 | 39.6 | 46.7 | 6.4 | 2.8 | | |
| 6 - 1 9 | 313 | 304 | 6.6 | 50.2 | 35.3 | 6.7 | 1.2 | | |
| 20+ | 158 | 159 | 4.6 | 51.1 | 38.9 | 4.5 | 0.9 | | |
| Years Since Graduation | | | | | | | | | |
| Under 10 | 67 | 66 | 6.5 | 34.0 | 51.4 | 6.5 | 1.6 | | |
| 10 - 19 | 229 | 225 | 6.6 | 46.6 | 39.3 | 6.5 | 1.0 | | |
| 20 - 29 | 311 | 311 | 4.8 | 43.6 | 44.8 | 5.9 | 0.9 | | |
| 30+ | 408 | 415 | 4.8 | 47.6 | 38.9 | 5.5 | 3.2 | | |
| Owner | | | | | | | | | |
| Owner | 555 | 556 | 3.3 | 45.9 | 44.9 | 4.6 | 1.3 | | |
| Not Owner | 442 | 439 | 7.5 | 43.0 | 38.3 | 8.1 | 3.0 | | |

| | | 95% | % Confidence Inte | erval | |
|--------------------------|------------------|-------------------------|-------------------------|------------------------|-----------|
| | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing |
| Total | 3.8 - 6.7 | 41.3 - 47.8 | 38.4 - 44.8 | 4.5 - 7.5 | 1.5 - 3.5 |
| Primary Area of Practice | | | | | |
| Family Medicine | 2 - 12.3 | 23.2 - 42.1 | 37.9 - 58 | 4.9 - 17.6 | 0-3 |
| Internal Medicine | 3.1 - 8.9 | 35.5 - 47.7 | 35.9 - 48.1 | 4 - 10.5 | 1 - 5.4 |
| General Pediatrics | 2.4 - 8.4 | 32 - 44.9 | 36.4 - 49.6 | 7.1 - 15.5 | 0 - 3.6 |
| Specialist | 2.4 - 6.3 | 45.6 - 55.3 | 35.3 - 44.8 | 1.3 - 4.3 | 1.1 - 3.7 |
| Practice Size | | | | | |
| 1-5 | 2.7 - 6.3 | 35.1 - 44 | 42.1 - 51.2 | 4.3 - 8.6 | 1.3 - 4.4 |
| 6 - 19 | 3.6 - 9.7 | 44.2 - 56.1 | 29.6 - 41 | 3.8 - 9.7 | 0.1 - 2.3 |
| 20+ | 1 - 8.1 | 42.7 - 59.5 | 30.8 - 47.1 | 1 - 8.1 | 0 - 2.8 |
| Years Since Graduation | | | | | |
| Under 10 | 0 - 13.3 | 21.8 - 46.2 | 38.3 - 64.6 | 0 - 13.2 | 0 - 4.7 |
| 10 - 19 | 3.2 - 9.9 | 39.6 - 53.6 | 32.5 - 46.2 | 3.2 - 9.8 | 0 - 2.5 |
| 20 - 29 | 2.3 - 7.3 | 37.7 - 49.5 | 38.8 - 50.7 | 3.1 - 8.7 | 0 - 2.1 |
| 30+ | 2.5 - 7.1 | 42.4 - 52.8 | 33.9 - 44 | 3.2 - 7.7 | 1.4 - 5 |
| Owner | | | | | |
| Owner | 1.8 - 4.8 | 41.5 - 50.4 | 40.4 - 49.4 | 2.9 - 6.4 | 0.3 - 2.2 |
| Not Owner | 4.9 - 10.2 | 38.1 - 47.9 | 33.4 - 43.2 | 5.3 - 10.8 | 1.3 - 4.8 |

| | | | Weighted Percentage Estimates | | | | | | | |
|--------------------------|-----------------|------|-------------------------------|-------------------------|-------------------------|---------------------------|---------|--|--|--|
| | Sample Count | | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing | | | |
| Total | 1038 | 1038 | 47.2 | 32.7 | 13.6 | 3.3 | 3.1 | | | |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 98 | 65 | 57.1 | 23.5 | 14.3 | 4.1 | 1.0 | | | |
| Internal Medicine | 256 | 370 | 53.4 | 28.8 | 12.2 | 2.4 | 3.2 | | | |
| General Pediatrics | 221 | 140 | 54.8 | 31.2 | 10.0 | 2.3 | 1.8 | | | |
| Specialist | 463 | 463 | 38.6 | 37.6 | 15.8 | 4.2 | 3.8 | | | |
| Practice Size | | | | | | | | | | |
| 1 - 5 | 529 | 535 | 44.9 | 33.2 | 14.6 | 3.5 | 3.8 | | | |
| 6 - 19 | 313 | 304 | 49.2 | 34.7 | 11.8 | 3.1 | 1.2 | | | |
| 20+ | 158 | 159 | 52.0 | 26.6 | 16.0 | 3.7 | 1.8 | | | |
| Years Since Graduation | | | | | | | | | | |
| Under 10 | 67 | 66 | 37.1 | 40.2 | 21.1 | | 1.6 | | | |
| 10 - 19 | 229 | 225 | 56.5 | 30.5 | 8.8 | 2.4 | 1.8 | | | |
| 20 - 29 | 311 | 311 | 48.2 | 32.3 | 14.6 | 2.6 | 2.3 | | | |
| 30+ | 408 | 415 | 44.2 | 34.2 | 13.9 | 4.4 | 3.2 | | | |
| Owner | | | | | | | | | | |
| Owner | 555 | 556 | 47.4 | 36.2 | 12.0 | 2.9 | 1.6 | | | |
| Not Owner | 442 | 439 | 46.7 | 28.5 | 16.7 | 4.0 | 4.1 | | | |

| | | 95% | % Confidence Inte | erval | |
|--------------------------|------------------|-------------------------|-------------------------|------------------------|-----------|
| | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing |
| Total | 44 - 50.5 | 29.7 - 35.8 | 11.4 - 15.9 | 2.1 - 4.4 | 2 - 4.3 |
| Primary Area of Practice | | | | | |
| Family Medicine | 47.2 - 67.1 | 14.9 - 32 | 7.2 - 21.3 | 0.1 - 8.1 | 0 - 3 |
| Internal Medicine | 47.2 - 59.6 | 23.2 - 34.4 | 8.1 - 16.3 | 0.5 - 4.3 | 1 - 5.4 |
| General Pediatrics | 48.1 - 61.4 | 25.1 - 37.4 | 6 - 13.9 | 0.3 - 4.2 | 0 - 3.6 |
| Specialist | 33.9 - 43.4 | 33 - 42.2 | 12.4 - 19.3 | 2.3 - 6.1 | 2 - 5.5 |
| Practice Size | | | | | |
| 1 - 5 | 40.4 - 49.5 | 28.9 - 37.5 | 11.4 - 17.9 | 1.9 - 5.1 | 2 - 5.5 |
| 6 - 19 | 43.3 - 55.2 | 28.9 - 40.4 | 8.1 - 15.5 | 0.9 - 5.4 | 0.1 - 2.3 |
| 20+ | 43.6 - 60.3 | 19.4 - 33.7 | 9.8 - 22.1 | 0.6 - 6.8 | 0 - 4.1 |
| Years Since Graduation | | | | | |
| Under 10 | 24.3 - 49.9 | 27.3 - 53.1 | 10.6 - 31.6 | | 0 - 4.7 |
| 10 - 19 | 49.5 - 63.4 | 24 - 36.9 | 4.9 - 12.7 | 0.5 - 4.4 | 0 - 3.7 |
| 20 - 29 | 42.2 - 54.2 | 26.7 - 37.8 | 10.4 - 18.8 | 0.7 - 4.5 | 0.5 - 4.2 |
| 30+ | 39 - 49.4 | 29.3 - 39.1 | 10.4 - 17.5 | 2.3 - 6.5 | 1.5 - 5 |
| Owner | | | | | |
| Owner | 42.9 - 51.8 | 31.9 - 40.5 | 9.2 - 14.9 | 1.4 - 4.3 | 0.5 - 2.6 |
| Not Owner | 41.7 - 51.7 | 24 - 32.9 | 13 - 20.5 | 2 - 6 | 2.1 - 6.1 |

| | | | Weighted Percentage Estimates | | | | | | |
|--------------------------|-----------------|------|-------------------------------|-------------------------|-------------------------|------------------------|---------|--|--|
| | Sample Count | | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing | | |
| Total | 1038 | 1038 | 34.4 | 45.3 | 13.8 | 2.7 | 3.9 | | |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 98 | 65 | 30.6 | 52.0 | 15.3 | | 2.0 | | |
| Internal Medicine | 256 | 370 | 34.2 | 44.6 | 16.8 | 1.6 | 2.8 | | |
| General Pediatrics | 221 | 140 | 49.8 | 36.7 | 10.4 | 1.8 | 1.4 | | |
| Specialist | 463 | 463 | 30.4 | 47.5 | 12.2 | 3.9 | 6.0 | | |
| Practice Size | | | | | | | | | |
| 1-5 | 529 | 535 | 30.7 | 48.3 | 13.6 | 3.3 | 4.2 | | |
| 6 - 19 | 313 | 304 | 40.0 | 41.8 | 14.2 | 1.5 | 2.4 | | |
| 20+ | 158 | 159 | 38.0 | 40.2 | 16.7 | 3.7 | 1.4 | | |
| Years Since Graduation | | | | | | | | | |
| Under 10 | 67 | 66 | 33.4 | 55.8 | 8.3 | 1.0 | 1.6 | | |
| 10 - 19 | 229 | 225 | 40.4 | 43.7 | 10.4 | 1.9 | 3.5 | | |
| 20 - 29 | 311 | 311 | 34.8 | 44.7 | 16.1 | 2.6 | 1.7 | | |
| 30+ | 408 | 415 | 31.7 | 46.2 | 14.2 | 3.4 | 4.4 | | |
| Owner | | | | | | | | | |
| Owner | 555 | 556 | 31.9 | 49.6 | 14.5 | 2.2 | 1.8 | | |
| Not Owner | 442 | 439 | 38.3 | 38.9 | 14.1 | 3.3 | 5.4 | | |

| | | 95% | 6 Confidence Inte | erval | |
|--------------------------|------------------|-------------------------|-------------------------|------------------------|-----------|
| | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing |
| Total | 31.3 - 37.4 | 42.1 - 48.6 | 11.5 - 16.1 | 1.7 - 3.7 | 2.6 - 5.1 |
| Primary Area of Practice | | | | | |
| Family Medicine | 21.3 - 39.9 | 42 - 62.1 | 8.1 - 22.6 | | 0 - 4.9 |
| Internal Medicine | 28.3 - 40.1 | 38.4 - 50.8 | 12.2 - 21.4 | 0 - 3.2 | 0.7 - 4.9 |
| General Pediatrics | 43.1 - 56.4 | 30.2 - 43.1 | 6.3 - 14.5 | 0 - 3.6 | 0 - 2.9 |
| Specialist | 26 - 34.8 | 42.7 - 52.3 | 9 - 15.4 | 2.1 - 5.7 | 3.8 - 8.1 |
| Practice Size | | | | | |
| 1 - 5 | 26.5 - 34.8 | 43.7 - 52.9 | 10.4 - 16.7 | 1.7 - 4.9 | 2.4 - 6 |
| 6 - 19 | 34.2 - 45.8 | 35.9 - 47.8 | 10 - 18.5 | 0 - 3 | 0.8 - 4.1 |
| 20+ | 29.8 - 46.1 | 32 - 48.4 | 10.2 - 23.3 | 0.8 - 6.5 | 0 - 3.5 |
| Years Since Graduation | | | | | |
| Under 10 | 21 - 45.8 | 42.8 - 68.7 | 2.1 - 14.5 | 0 - 3 | 0 - 4.7 |
| 10 - 19 | 33.6 - 47.2 | 36.8 - 50.7 | 6 - 14.8 | 0 - 4 | 1-6 |
| 20 - 29 | 29.2 - 40.5 | 38.8 - 50.7 | 11.6 - 20.6 | 0.7 - 4.5 | 0.3 - 3.2 |
| 30+ | 26.9 - 36.5 | 41.1 - 51.4 | 10.5 - 18 | 1.6 - 5.2 | 2.4 - 6.5 |
| Owner | | | | | |
| Owner | 27.7 - 36 | 45.1 - 54.1 | 11.2 - 17.7 | 1 - 3.5 | 0.7 - 2.9 |
| Not Owner | 33.4 - 43.1 | 34 - 43.8 | 10.6 - 17.6 | 1.5 - 5.2 | 3.2 - 7.7 |

| | | _ | Weighted Percentage Estimates | | | | | | |
|--------------------------|-----------------|------|-------------------------------|-------------------------|-------------------------|---------------------------|---------|--|--|
| | Sample Count | | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing | | |
| Total | 1038 | 1038 | 3.8 | 33.9 | 44.7 | 14.9 | 2.8 | | |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 98 | 65 | 12.2 | 46.9 | 26.5 | 14.3 | | | |
| nternal Medicine | 256 | 370 | 3.6 | 40.2 | 43.4 | 9.6 | 3.2 | | |
| General Pediatrics | 221 | 140 | 5.0 | 40.7 | 41.2 | 11.3 | 1.8 | | |
| Specialist | 463 | 463 | 2.4 | 24.8 | 49.3 | 20.2 | 3.2 | | |
| Practice Size | | | | | | | | | |
| 1 - 5 | 529 | 535 | 2.7 | 36.8 | 42.2 | 15.1 | 3.1 | | |
| 5 - 19 | 313 | 304 | 5.0 | 30.1 | 47.9 | 15.4 | 1.7 | | |
| 20+ | 158 | 159 | 5.8 | 31.9 | 47.6 | 13.7 | 0.9 | | |
| Years Since Graduation | | | | | | | | | |
| Jnder 10 | 67 | 66 | 2.0 | 27.1 | 57.6 | 11.8 | 1.6 | | |
| 10 - 19 | 229 | 225 | 3.8 | 36.5 | 42.4 | 16.9 | 0.3 | | |
| 20 - 29 | 311 | 311 | 3.6 | 33.5 | 48.6 | 12.7 | 1.7 | | |
| 30+ | 408 | 415 | 4.3 | 34.5 | 41.8 | 15.6 | 3.8 | | |
| Owner | | | | | | | | | |
| Owner | 555 | 556 | 2.0 | 32.8 | 48.4 | 15.8 | 1.0 | | |
| Not Owner | 442 | 439 | 6.4 | 34.9 | 40.2 | 14.4 | 4.0 | | |

| | | 959 | % Confidence Inte | erval | |
|--------------------------|------------------|-------------------------|-------------------------|---------------------------|-----------|
| | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing |
| Total | 2.6 - 5 | 30.7 - 37 | 41.4 - 47.9 | 12.6 - 17.1 | 1.7 - 3.9 |
| Primary Area of Practice | | | | | |
| Family Medicine | 5.6 - 18.9 | 36.9 - 57 | 17.6 - 35.4 | 7.2 - 21.3 | _ |
| Internal Medicine | 1.3 - 5.8 | 34.1 - 46.3 | 37.2 - 49.5 | 5.9 - 13.3 | 1 - 5.4 |
| General Pediatrics | 2.1 - 7.9 | 34.2 - 47.3 | 34.6 - 47.7 | 7.1 - 15.5 | 0 - 3.6 |
| Specialist | 0.9 - 3.9 | 20.6 - 29.1 | 44.5 - 54.1 | 16.5 - 23.9 | 1.6 - 4.8 |
| Practice Size | | | | | |
| 1-5 | 1.4 - 4 | 32.4 - 41.3 | 37.7 - 46.8 | 11.9 - 18.3 | 1.5 - 4.8 |
| 6 - 19 | 2.2 - 7.7 | 24.6 - 35.6 | 41.9 - 53.9 | 11.2 - 19.6 | 0.3 - 3.1 |
| 20+ | 2 - 9.7 | 24.1 - 39.8 | 39.2 - 56 | 8.2 - 19.1 | 0 - 2.8 |
| Years Since Graduation | | | | | |
| Under 10 | 0 - 4.9 | 15.3 - 38.9 | 44.6 - 70.5 | 3.9 - 19.7 | 0 - 4.7 |
| 10 - 19 | 1.1 - 6.4 | 29.7 - 43.3 | 35.5 - 49.3 | 11.8 - 22.1 | 0 - 1 |
| 20 - 29 | 1.5 - 5.7 | 27.8 - 39.2 | 42.6 - 54.5 | 8.8 - 16.6 | 0.1 - 3.2 |
| 30+ | 2.3 - 6.4 | 29.5 - 39.5 | 36.7 - 47 | 12 - 19.2 | 1.8 - 5.8 |
| Owner | | | | | |
| Owner | 0.9 - 3.2 | 28.5 - 37 | 43.9 - 52.9 | 12.6 - 18.9 | 0.2 - 1.8 |
| Not Owner | 4 - 8.8 | 30.1 - 39.7 | 35.3 - 45.1 | 11 - 17.8 | 2 - 6.1 |

| | | Weighted Count | Weighted Percentage Estimates | | | | | | |
|--------------------------|-----------------|-------------------|-------------------------------|-------------------------|-------------------------|------------------------|---------|--|--|
| | Sample Count | | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing | | |
| Total | 1038 | 1038 | 17.8 | 43.8 | 20.7 | 5.3 | 12.5 | | |
| Primary Area of Practice | | | | | | | | | |
| Family Medicine | 98 | 65 | 20.4 | 44.9 | 14.3 | 7.1 | 13.3 | | |
| nternal Medicine | 256 | 370 | 19.1 | 44.4 | 18.0 | 6.8 | 11.6 | | |
| General Pediatrics | 221 | 140 | 19.5 | 43.9 | 20.4 | 5.0 | 11.3 | | |
| Specialist | 463 | 463 | 15.8 | 43.0 | 23.9 | 3.9 | 13.4 | | |
| Practice Size | | | | | | | | | |
| 1-5 | 529 | 535 | 19.1 | 42.4 | 19.9 | 5.5 | 13.2 | | |
| 6 - 1 9 | 313 | 304 | 16.8 | 45.4 | 20.3 | 5.0 | 12.4 | | |
| 20+ | 158 | 159 | 13.4 | 45.6 | 26.6 | 6.3 | 8.1 | | |
| Years Since Graduation | | | | | | | | | |
| Under 10 | 67 | 66 | 9.6 | 49.5 | 24.8 | 3.4 | 12.6 | | |
| 10 - 19 | 229 | 225 | 16.4 | 44.3 | 22.1 | 1.8 | 15.4 | | |
| 20 - 29 | 311 | 311 | 20.9 | 45.3 | 19.5 | 5.0 | 9.3 | | |
| 30+ | 408 | 415 | 17.9 | 42.3 | 20.7 | 7.3 | 11.8 | | |
| Owner | | | | | | | | | |
| Owner | 555 | 556 | 16.1 | 46.7 | 24.6 | 4.9 | 7.6 | | |
| Not Owner | 442 | 439 | 19.4 | 40.2 | 16.2 | 6.0 | 18.2 | | |

| | | 959 | % Confidence Inte | erval | |
|--------------------------|------------------|-------------------------|-------------------------|------------------------|-------------|
| | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing |
| Total | 15.3 - 20.2 | 40.5 - 47 | 18 - 23.4 | 3.8 - 6.8 | 10.3 - 14.6 |
| Primary Area of Practice | | | | | |
| Family Medicine | 12.3 - 28.5 | 34.9 - 54.9 | 7.2 - 21.3 | 2 - 12.3 | 6.4 - 20.1 |
| Internal Medicine | 14.3 - 24 | 38.3 - 50.6 | 13.2 - 22.8 | 3.7 - 10 | 7.6 - 15.6 |
| General Pediatrics | 14.2 - 24.7 | 37.3 - 50.5 | 15 - 25.7 | 2.1 - 7.9 | 7.1 - 15.5 |
| Specialist | 12.3 - 19.3 | 38.3 - 47.8 | 19.7 - 28.1 | 2 - 5.7 | 10.1 - 16.7 |
| Practice Size | | | | | |
| 1-5 | 15.5 - 22.7 | 37.9 - 46.9 | 16.2 - 23.5 | 3.4 - 7.7 | 10 - 16.3 |
| 6 - 19 | 12.4 - 21.3 | 39.5 - 51.4 | 15.3 - 25.4 | 2.4 - 7.5 | 8.6 - 16.3 |
| 20+ | 8 - 18.8 | 37.2 - 54 | 19.2 - 34 | 2.2 - 10.5 | 3.6 - 12.6 |
| Years Since Graduation | | | | | |
| Under 10 | 2.1 - 17.2 | 36.4 - 62.7 | 13.8 - 35.8 | 0 - 8.4 | 3.3 - 21.9 |
| 10 - 19 | 11.3 - 21.5 | 37.4 - 51.2 | 16.1 - 28 | 0.3 - 3.2 | 10.3 - 20.5 |
| 20 - 29 | 16.1 - 25.8 | 39.4 - 51.3 | 14.7 - 24.3 | 2.4 - 7.5 | 5.8 - 12.8 |
| 30+ | 13.9 - 21.9 | 37.2 - 47.4 | 16.4 - 25 | 4.5 - 10.1 | 8.6 - 15.1 |
| Owner | | | | | |
| Owner | 12.9 - 19.4 | 42.3 - 51.2 | 20.7 - 28.5 | 3 - 6.9 | 5.3 - 10 |
| Not Owner | 15.5 - 23.4 | 35.3 - 45.1 | 12.5 - 19.9 | 3.5 - 8.5 | 14.3 - 22 |

Table Q49i: "How challenging do you find each of the following?: Using computers, EHR systems, and other information technology that are part of your practice."

| | | | | Weigh | ted Percentage E | stimates | |
|--------------------------|-----------------|-------|------------------|-------------|------------------|-----------------|---------|
| | Sample Count | | Van Challanging | Somewhat | Not Very | Not Challenging | Missina |
| | | Count | Very Challenging | Challenging | Challenging | At All | Missing |
| Total | 1038 | 1038 | 21.7 | 41.4 | 23.9 | 8.6 | 4.4 |
| Primary Area of Practice | | | | | | | |
| Family Medicine | 98 | 65 | 26.5 | 41.8 | 22.4 | 7.1 | 2.0 |
| Internal Medicine | 256 | 370 | 24.2 | 40.4 | 21.8 | 8.4 | 5.2 |
| General Pediatrics | 221 | 140 | 19.0 | 44.8 | 23.1 | 9.0 | 4.1 |
| Specialist | 463 | 463 | 19.9 | 41.1 | 26.1 | 8.9 | 4.1 |
| Practice Size | | | | | | | |
| 1-5 | 529 | 535 | 21.9 | 40.6 | 22.5 | 9.0 | 6.0 |
| 6 - 19 | 313 | 304 | 23.5 | 42.1 | 23.6 | 9.0 | 1.9 |
| 20+ | 158 | 159 | 16.7 | 46.3 | 27.7 | 8.3 | 0.9 |
| Years Since Graduation | | | | | | | |
| Under 10 | 67 | 66 | 1.0 | 34.8 | 49.2 | 11.2 | 3.8 |
| 10 - 19 | 229 | 225 | 17.5 | 43.8 | 29.5 | 8.7 | 0.6 |
| 20 - 29 | 311 | 311 | 24.7 | 41.4 | 22.0 | 8.5 | 3.3 |
| 30+ | 408 | 415 | 26.1 | 42.1 | 18.4 | 7.5 | 5.9 |
| Owner | | | | | | | |
| Owner | 555 | 556 | 21.4 | 41.7 | 24.8 | 9.0 | 3.1 |
| Not Owner | 442 | 439 | 22.1 | 41.8 | 22.6 | 8.5 | 5.0 |

| | 95% Confidence Interval | | | | | | | | | |
|--------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------|--|--|--|--|--|
| | Very Challenging | Somewhat Challenging | Not Very Challenging | Not Challenging At All | Missing | | | | | |
| Total | 19 - 24.4 | 38.2 - 44.6 | 21.1 - 26.7 | 6.8 - 10.5 | 3 - 5.7 | | | | | |
| Primary Area of Practice | | | | | | | | | | |
| Family Medicine | 17.6 - 35.4 | 31.9 - 51.8 | 14 - 30.9 | 2 - 12.3 | 0 - 4.9 | | | | | |
| Internal Medicine | 18.9 - 29.5 | 34.3 - 46.5 | 16.7 - 27 | 5 - 11.9 | 2.4 - 8 | | | | | |
| General Pediatrics | 13.8 - 24.2 | 38.2 - 51.4 | 17.5 - 28.7 | 5.2 - 12.9 | 1.4 - 6.7 | | | | | |
| Specialist | 16.1 - 23.7 | 36.3 - 45.8 | 21.8 - 30.3 | 6.2 - 11.6 | 2.2 - 6 | | | | | |
| Practice Size | | | | | | | | | | |
| 1-5 | 18.1 - 25.7 | 36.1 - 45.1 | 18.7 - 26.3 | 6.4 - 11.6 | 3.8 - 8.2 | | | | | |
| 6 - 19 | 18.4 - 28.6 | 36.2 - 48 | 18.6 - 28.6 | 5.4 - 12.5 | 0.4 - 3.3 | | | | | |
| 20+ | 10.7 - 22.8 | 37.9 - 54.7 | 20.1 - 35.3 | 3.7 - 13 | 0 - 2.8 | | | | | |
| Years Since Graduation | | | | | | | | | | |
| Under 10 | 0 - 2.9 | 22.7 - 46.9 | 36 - 62.4 | 2.7 - 19.8 | 0 - 9.3 | | | | | |
| 10 - 19 | 12 - 22.9 | 36.9 - 50.8 | 23.1 - 35.8 | 4.8 - 12.5 | 0 - 1.3 | | | | | |
| 20 - 29 | 19.5 - 29.8 | 35.5 - 47.3 | 17.1 - 27 | 5.3 - 11.8 | 1.2 - 5.5 | | | | | |
| 30+ | 21.5 - 30.7 | 37 - 47.2 | 14.4 - 22.4 | 4.7 - 10.3 | 3.4 - 8.3 | | | | | |
| Owner | | | | | | | | | | |
| Owner | 17.8 - 25.1 | 37.3 - 46.1 | 20.9 - 28.7 | 6.4 - 11.6 | 1.6 - 4.6 | | | | | |
| Not Owner | 17.9 - 26.2 | 36.9 - 46.7 | 18.4 - 26.7 | 5.7 - 11.3 | 2.7 - 7.3 | | | | | |

Table Q50: "Are you male or female?"

Primary Area of Practice
Family Medicine

Years Since Graduation

Internal Medicine

General Pediatrics

Specialist

1-5

6 - 19

Under 10

10 - 19

20 - 29

Owner Owner

Not Owner

30+

20+

Practice Size

Total

Sample

Count

1038

98

256

221

463

529

313

158

67

229

311

408

555

442

Weighted

Count

1038

65

370

140

463

535

304

159

66

225

311

415

556

439

Male

62.4

62.2

71.3

40.3

62.1

63.3

56.9

72.1

21.2

45.5

58.9

80.6

68.4

55.4

Weighted Percentage Estimates

Female

37.4

37.8

28.3

59.7

37.9

36.7

43.1

27

78.8

54.5

41.1

19.4

31.6

44.6

Missing

0.1

0.4

_

_

_

0.9

_

_

_

_

Male

52.5 - 72.0

51.0 - 62.9

11 - 31.4

53 - 64.8

59.3 - 65.6 34.3 - 40.6

65.6 - 76.9 22.8 - 33.9

33.8 - 46.8 53.2 - 66.2

57.3 - 66.9 33.1 - 42.7

58.9 - 67.7 | 32.3 - 41.1

64.6 - 79.5 | 19.7 - 34.3

38.6 - 52.5 47.5 - 61.4

76.6 - 84.7 | 15.3 - 23.4

64.3 - 72.6 | 27.4 - 35.7

50.4 - 60.3 | 39.7 - 49.6

95% Confidence Interval

Female

28 - 47.5

37.1 - 49

68.6 - 89

35.2 - 47

Missing

0 - 0.4

0 - 1.2

_

0 - 2.8

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| | Appendix B. Survey results |
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|---|--------|--|
| | | |

Total

Primary Area of Practice

Family Medicine

Internal Medicine

General Pediatrics

Specialist

6 - 19

Owner

Owner

Not Owner

20+

Practice Size 1 - 5

Table Q51: "In what year did you graduate from medical school?"

Sample

Count

1038

98

256

221

463

529

313

158

555

442

Weighted

Count

1038

65

370

140

463

535

304

159

556

439

6.3

9.2

4.8

6.8

7

5.8

7.8

5.9

3

10.7

Weighted Percentage Estimates

29.9

26.5

33

33

27.1

30.9

30.8

24.8

31.2

28.8

39.9

36.7

41.6

34.4

40.7

42.4

32.4

41.6

43.6

34

Missing

2.1

2

3

2.7

1.3

2.6

1.7

1.9

2

2.2

2005-2014

4.8 - 7.9

3.4 - 15

2.1 - 7.5

3.4 - 10.1

4.5 - 9.5

3.6 - 8

4.6 - 11

2.2 - 9.6

1.5 - 4.6

7.7 - 13.8

1995-2004

19 - 24.3

16.7 - 34.3

12.9 - 22.3

17.5 - 28.7

19.8 - 28.1

14.8 - 21.7

22.1 - 32.7

18.4 - 33.3

16.6 - 23.7

20 - 28.6

2005-2014 1995-2004 1985-1994 Before 1985

21.7

25.5

17.6

23.1

23.9

18.2

27.4

25.8

20.2

24.3

| Appendix |
|----------|
| В. |
| Survey |
| results |

95% Confidence Interval

Before 1985

36.7 - 43.1

27 - 46.4

35.5 - 47.7

28.1 - 40.7

36 - 45.4

37.9 - 47

26.8 - 37.9

33.4 - 49.9

39.1 - 48

29.3 - 38.7

Missing

1.2 - 3.1

0 - 4.9

0.9 - 5.1

0.6 - 4.9

0.3 - 2.3

1.2 - 4.1

0.3 - 3.1

0 - 4.5

0.8 - 3.2

0.7 - 3.6

1985-1994

27 - 32.9

17.6 - 35.4

27.1 - 38.8

26.8 - 39.3

22.8 - 31.3

26.7 - 35.1

25.2 - 36.3

17.5 - 32

27.1 - 35.3

24.3 - 33.4

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|---|-----------|
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| | | | Weighted Percentage Estimates | | | | | 95% Confidence Interval | | | | | | |
|--------------------------|-----------------|-------------------|-------------------------------|---------------------------------|-------|--------------------|-------|-------------------------|--------------|---------------------------------|-------------|-------------|-----------|-----------|
| | Campula | NA/a:abaad | | Black or African American | Asian | Hispanic or Latino | Other | Missing | White | Black or African American | Asian | Hispanic or | Other | Missing |
| | Sample Count | Weighted Count | | | | | | | | | | | | |
| Total | 1038 | 1038 | 79.3 | 2.6 | 11.1 | 2.8 | 0.9 | 3.3 | 76.7 - 82 | 1.5 - 3.6 | 9.1 - 13.1 | 1.7 - 3.9 | 0.3 - 1.6 | 2.1 - 4.4 |
| Primary Area of Practice | | | | | | | | | | | | | | |
| Family Medicine | 98 | 65 | 84.7 | 2 | 6.1 | 1 | 3.1 | 3.1 | 77.4 - 91.9 | 0 - 4.9 | 1.3 - 11 | 0-3 | 0 - 6.5 | 0 - 6.5 |
| Internal Medicine | 256 | 370 | 77.9 | 2 | 12.1 | 3.2 | 1.2 | 3.6 | 72.8 - 83 .0 | 0.3 - 3.8 | 8.1 - 16.1 | 1 - 5.4 | 0 - 2.6 | 1.3 - 5.8 |
| General Pediatrics | 221 | 140 | 76.9 | 3.6 | 11.8 | 4.1 | 0.5 | 3.2 | 71.3 - 82.5 | 1.1 - 6.1 | 7.5 - 16 | 1.4 - 6.7 | 0 - 1.3 | 0.8 - 5.5 |
| Specialist | 463 | 463 | 80.5 | 2.8 | 10.7 | 2.4 | 0.5 | 3.1 | 76.7 - 84.3 | 1 - 4.5 | 7.9 - 13.6 | 0.9 - 3.9 | 0 - 1.3 | 1.4 - 4.7 |
| Practice Size | | | | | | | | | | | | | | |
| 1-5 | 529 | 535 | 76.9 | 2.9 | 13.4 | 2.8 | 0.9 | 3.1 | 73.1 - 80.8 | 1.4 - 4.5 | 10.3 - 16.5 | 1.3 - 4.3 | 0 - 1.8 | 1.5 - 4.7 |
| 6 - 19 | 313 | 304 | 82 | 2.4 | 8 | 2.9 | 0.9 | 3.8 | 77.4 - 86.6 | 0.4 - 4.4 | 5 - 11 | 0.7 - 5.1 | 0 - 2 | 1.5 - 6.1 |
| 20+ | 158 | 159 | 82.5 | 1.3 | 9.1 | 3.5 | 0.4 | 3.3 | 76.2 - 88.8 | 0 - 3.3 | 4.2 - 13.9 | 0.5 - 6.5 | 0 - 1.2 | 0.5 - 6 |
| Years Since Graduation | | | | | | | | | | | | | | |
| Under 10 | 67 | 66 | 76.1 | 4.5 | 16.3 | 2.1 | 1 | | 65.4 - 86.8 | 0 - 9.9 | 7.1 - 25.6 | 0 - 5 | 0 - 3 | _ |
| 10 - 19 | 229 | 225 | 73.1 | 4.5 | 13.5 | 4.2 | 1.7 | 2.9 | 66.8 - 79.4 | 1.3 - 7.7 | 8.9 - 18.1 | 1.2 - 7.2 | 0 - 3.5 | 0.3 - 5.6 |
| 20 - 29 | 311 | 311 | 80.3 | 2.9 | 11.4 | 3.5 | 0.7 | 1.2 | 75.6 - 85.1 | 0.9 - 5 | 7.6 - 15.2 | 1.4 - 5.6 | 0 - 1.7 | 0 - 2.4 |
| 30+ | 408 | 415 | 85.4 | 0.9 | 8.9 | 1.8 | 0.7 | 2.2 | 81.8 - 89.1 | 0 - 1.9 | 6 - 11.9 | 0.3 - 3.4 | 0 - 1.7 | 0.9 - 3.5 |
| Owner | | | | | | | | | | | | | | |
| Owner | 555 | 556 | 81.4 | 2.2 | 10.8 | 2.2 | 0.9 | 2.4 | 78.0 - 84.9 | 0.9 - 3.5 | 8 - 13.6 | 0.9 - 3.5 | 0 - 1.9 | 1.1 - 3.8 |
| Not Owner | 442 | 439 | 77.3 | 3 | 11.1 | 3.9 | 0.7 | 4.1 | 73.1 - 81.4 | 1.1 - 4.8 | 8.1 - 14.1 | 1.9 - 5.9 | 0 - 1.4 | 2.1 - 6.1 |