

Surveys on Patient Safety CultureTM (SOPS[®]) MEDICAL OFFICE SURVEY: 2020 USER DATABASE REPORT





PATIENT SAFETY



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Surveys on Patient Safety Culture[™] (SOPS[®]) Medical Office Survey: 2020 User Database Report Part I

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Overview







Overall Ratings on Quality

Respondents were asked to rate their medical office on five areas of healthcare quality (patient centered, effective, timely, efficient, and equitable).





Purpose and Use of This Report

In response to requests from medical offices interested in comparing results with those of other medical offices on the Surveys on Patient Safety CultureTM (SOPSTM) Medical Office Survey, the Agency for Healthcare Research and Quality (AHRQ) established the SOPS Medical Office Survey Database.

This report presents statistics (averages, standard deviations, minimum and maximum scores, and percentiles) on the patient safety culture composite measures and items from the survey. It also includes two appendixes:

- Appendix A presents results by medical office characteristics (number of providers, single specialty vs. multispecialty, specialty, primary care specialty, ownership, and region).
- Appendix B presents results by respondent characteristics (staff position and tenure in medical office).



1 Introduction

Organizational culture refers to the beliefs, values, and norms shared by staff throughout the organization that influence their actions and behaviors. Patient safety culture is the extent to which these beliefs, values, and norms support and promote patient safety. Patient safety culture can be measured by determining what is rewarded, supported, expected, and accepted in an organization as it relates to patient safety (see Figure 1).

Figure 1. Definition of Patient Safety Culture





Survey Content

AHRQ funded the development of the SOPS Medical Office Survey. The survey includes 38 items that make up 10 composite measures of patient safety culture. Table 1-1 defines each of the 10 SOPS Medical Office Survey composite measures.

SOPS Medical Office Survey Composite Measures	Definition: The extent to which
Communication About Error	Staff are willing to report mistakes they observe and do not feel like their mistakes are held against them, and providers and staff talk openly about office problems and how to prevent errors from happening.
Communication Openness	Providers in the office are open to staff ideas about how to improve office processes, and staff are encouraged to express alternative viewpoints and do not find it difficult to voice disagreement.
Office Processes and Standardization	The office is organized, has an effective workflow, has standardized processes for completing tasks, and has good procedures for checking the accuracy of work performed.
Organizational Learning	The office has a learning culture that facilitates making changes in office processes to improve the quality of patient care and evaluates changes for effectiveness.
Overall Perceptions of Patient Safety and Quality	The quality of patient care is more important than getting more work done, office processes are good at preventing mistakes, and mistakes do not happen more than they should.
Owner/Managing Partner/Leadership Support for Patient Safety	Office leadership actively supports quality and patient safety, places a high priority on improving patient care processes, does not overlook mistakes, and makes decisions based on what is best for patients.
Patient Care Tracking/Followup	The office reminds patients about appointments, documents how well patients follow treatment plans, follows up with patients who need monitoring, and follows up when reports from an outside provider are not received.
Staff Training	The office provides staff with effective on-the-job training, trains staff on new processes, and does not assign staff tasks they have not been trained to perform.
Teamwork	The office has a culture of teamwork, mutual respect, and close working relationships among staff and providers.
Work Pressure and Pace	There are enough staff and providers to handle the patient load, and the office work pace is not hectic.

In addition to these composite measure items, the survey includes single-item measures about how often medical offices have problems exchanging information with other settings and how often they have other patient safety and quality issues. The survey also includes items that ask respondents to rate their medical office in five areas of healthcare quality (patient centered, effective, timely, efficient, and equitable) and to provide an overall patient safety rating. In addition, respondents are asked to provide limited background information.



2 Survey Administration Statistics

This chapter presents descriptive information on the number of medical offices and survey respondents included in the 2020 SOPS Medical Office Database, as well as information about response rates (Table 2-1) and how medical offices administered the survey (Table 2-2).

Highlights



Table 2-1. Overall Response Statistics - 2020 SOPS Medical Office Database

Overall Response Information	Statistic
Number of respondents	18,396
Number of surveys administered	30,308
Overall response rate	61%
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Average Response Information	Statistic
Average Response Information Average number of respondents per medical office (range: 3 to 142)	12

Table 2-2. Survey Administration Mode Statistics - 2020 SOPS Medical Office Database

	Medical Offices		Respondents		Average Response Rate
Survey Administration Mode	Number	Percent	Number	Percent	Percent
Paper only	37	3%	531	3%	73%
Web only / Both paper and web	1,438	97%	17,865	97%	66%
Total	1,475	100%	18,396	100%	



3 Medical Office Characteristics

This chapter presents information about the characteristics of medical offices included in the 2020 SOPS Medical Office Database, including number of providers, ownership, number of specialties (single vs. multispecialty), and regions (Table 3-1). This chapter also includes the distribution of single-specialty medical offices by specialty (Table 3-2).

Highlights





Table 3-1. Distribution of 2020 SOPS Medical Office Database by Medical Office Characteristics

Medical Office Characteristics	Medical Offices (n=1,475)			ndents 3,396)
Number of Providers	Number	Percent	Number	Percent
1	98	7%	739	4%
2	193	13%	1,434	8%
3	224	15%	1,841	10%
4-9	689	47%	8,575	47%
10-13	128	9%	2,756	15%
14-19	75	5%	1,388	8%
20 or more	68	5%	1,663	9%
Ownership	Number	Percent	Number	Percent
Hospital or health system	1,171	79%	14,481	79%
University or academic medical center	120	8%	1,622	9%
Providers and/or physicians	169	11%	2,123	12%
Community health center or Federal, State, or local government	15	1%	170	1%
Single Specialty vs. Multispecialty	Number	Percent	Number	Percent
Single specialty	1,264	86%	15,780	86%
Multispecialty	211	14%	2,616	14%
Region	Number	Percent	Number	Percent
New England	79	5%	1,028	6%
Mid-Atlantic	18	1%	165	1%
South Atlantic	449	30%	5,684	31%
East North Central	285	19%	3,483	19%
East South Central	126	9%	1,464	8%
West North Central	14	1%	145	1%
West South Central	287	19%	3,048	17%
Mountain	173	12%	2,693	15%
Pacific	44	3%	686	4%

Note: Percentages might not add to 100 percent due to rounding. States are categorized into regions as follows:

- New England: CT, MA, ME, NH, RI, VT
- Mid-Atlantic: NJ, NY, PA
- South Atlantic: DC, DE, FL, GA, MD, NC, SC, VA, WV
- East North Central: IL, IN, MI, OH, WI
- East South Central: AL, KY, MS, TN
- West North Central: IA, KS, MN, MO, ND, NE, SD
- West South Central: AR, LA, OK, TX
- Mountain: AZ, CO, ID, MT, NM, NV, UT, WY
- Pacific: AK, CA, HI, OR, WA

Table 3-2. Distribution of 2020 SOPS Medical Office Database by Specific Specialties of Single-Specialty Medical Offices

Specialty	Number of Medical Offices	Percent
Allergy/Immunology	2	<1%
Anesthesiology	1	<1%
Cardiology	74	6%
Child and Adolescent Psychiatry	3	<1%
Dermatology	8	1%
Diagnostic Radiology	4	<1%
Emergency Medicine	11	1%
Endocrinology/Metabolism	21	2%
Family Practice/Family Medicine	291	23%
Gastroenterology	23	2%
General Practice	52	4%
General Preventive Medicine	1	<1%
General Surgery	13	1%
Geriatrics	3	<1%
Hematology/Oncology	54	4%
Internal Medicine	148	12%
Medical Genetics	2	<1%
Nephrology	8	1%
Neurology	31	2%
OB/GYN or GYN	92	7%
Ophthalmology	14	1%
Orthopedics	45	4%
Other specialty	80	6%
Otolaryngology	13	1%
Pediatrics	99	8%
Physical Medicine and Rehabilitation	28	2%
Psychiatry	15	1%
Pulmonary Medicine	22	2%
Radiology	4	<1%
Rheumatology	10	1%
Surgery (All)	68	5%
Urology	20	2%
Vascular Medicine	4	<1%
Total	1,264	100%

Note: Specific specialty is presented only for single-specialty medical offices. Percentages might not add to 100 percent due to rounding.



4 Respondent Characteristics

This chapter describes the characteristics of the 18,396 respondents in the 2020 SOPS Medical Office Database (Table 4-1).

Highlights





Respondent Characteristics	Respondents		
Staff Position	Number	Percent	
Other clinical staff or clinical support staff	5,699	32%	
Administrative or clerical staff	4,273	24%	
Registered nurse (RN), licensed vocational nurse (LVN), licensed practical nurse (LPN)	2,645	15%	
Physician (M.D. or D.O.)	1,965	11%	
Management	1,362	8%	
Physician assistant, nurse practitioner, clinical nurse specialist, nurse midwife, advanced practice nurse, etc.	1,184	7%	
Other position	585	3%	
Total	17,713	100%	
Missing	683		
Overall total	18,396		
Tenure in Medical Office	Number	Percent	
Less than 2 months	450	3%	
2 months to less than 1 year	2,653	17%	
1 year to less than 3 years	4,290	27%	
3 years to less than 6 years	3,568	22%	
6 years to less than 11 years	2,359	15%	
11 years or more	2,632	16%	
Total	15,952	100%	
Missing	2,444		
Overall	18,396		
Hours Worked per Week in Medical Office	Number	Percent	
1 to 4 hours	104	1%	
5 to 16 hours	420	3%	
17 to 24 hours	650	4%	
25 to 32 hours	993	6%	
33 to 40 hours	10,223	64%	
41 hours or more	3,561	22%	
Total	15,951	100%	
Missing	2,445		
Overall	18,396		

Table 4-1. Distribution of 2020 SOPS Medical Office Database by Respondent Characteristics

Note: Percentages might not add to 100 percent due to rounding.



5 Overall Results

This chapter presents overall findings from the 2019 data submission cycle for the 2020 SOPS Medical Office Database. We present the average percentage of positive responses for each of the survey's composite measures and items, summarized for all medical offices.

Reporting the average for all medical offices ensures that each medical office's scores receive equal weight, regardless of the office's size. An alternative method would be to report the percentage of positive responses summarized for all respondents, but this method would give greater weight to larger medical offices. Reporting the data at the medical office, rather than the respondent level, is important because culture is considered to be a group characteristic, not an individual characteristic.

Highlights





Composite Measure and Item Charts

This section provides the overall item and composite measure results. The methods for calculating the percent positive scores at the composite measure and item levels are described in the Notes section of this report.

Composite Measure Results

Chart 5-1 shows the average percent positive response for each of the 10 SOPS composite measures, summarized for all medical offices in the database. The SOPS composite measures are shown in order from the highest average percent positive response to the lowest.

Item Results

Chart 5-2 shows the average percent positive response for each of the 38 survey items. Items are listed in their respective composite measure, in the order in which they appear in the survey.

Chart 5-3 shows the item average ratings on patient safety and quality issues, and;

Chart 5-4 shows the item average ratings on information exchange with other settings.

Overall Ratings on Quality

Chart 5-5 shows the results for overall ratings on quality.

Overall Rating on Patient Safety

Chart 5-6 shows results from the item that asks respondents to give their medical office an overall rating on patient safety.



Chart 5-1. Composite Measure Results Average Percent Positive Response – 2020 SOPS Medical Office Database

Patient Safety Culture Composite Measures	Average % Positive Response
Patient Care Tracking/Followup	88
Teamwork	86
Organizational Learning	81
Overall Perceptions of Patient Safety and Quality	80
Staff Training	75
Communication About Error	74
Communication Openness	72
Office Processes and Standardization	70
Owner/Managing Partner/ Leadership Support for Patient Safety	69
Work Pressure and Pace	49
Composite Measure Average	74



Average Percent Positive Response – 2020 SOPS Medical Office Database (Page 1 of 4)

1. Patient Care Tracking/Followup

This office reminds patients when they need to schedule an appointment for preventive or routine care. (D3)

This office documents how well our chronic-care patients follow their treatment plans. (D5)

Our office follows up when we do not receive a report we are expecting from an outside provider. (D6)

This office follows up with patients who need monitoring. (D9)

2. Teamwork

When someone in this office gets really busy, others help out. (C1)

In this office, there is a good working relationship between staff and providers. (C2)

In this office, we treat each other with respect. (C5)

This office emphasizes teamwork in taking care of patients. (C13)

3. Organizational Learning

When there is a problem in our office, we see if we need to change the way we do things. (F1)

This office is good at changing office processes to make sure the same problems don't happen again. (F5)

After this office makes changes to improve the patient care process, we check to see if the changes worked. (F7)



Note: The item's survey location is shown in parentheses. An "R" indicates a negatively worded item, where the percent positive response is based on "Strongly disagree" or "Disagree," or "Never" or "Rarely" responses, as appropriate.

Average % Positive Response





85

Average Percent Positive Response – 2020 SOPS Medical Office Database (Page 2 of 4)



Note: The item's survey location is shown in parentheses. An "R" indicates a negatively worded item, where the percent positive response is based on "Strongly disagree" or "Disagree," or "Never" or "Rarely" responses, as appropriate.



Average Percent Positive Response – 2020 SOPS Medical Office Database (Page 3 of 4)



Note: The item's survey location is shown in parentheses. An "R" indicates a negatively worded item, where the percent positive response is based on "Strongly disagree" or "Disagree," or "Never" or "Rarely" responses, as appropriate.



Average Percent Positive Response – 2020 SOPS Medical Office Database (Page 4 of 4)



Note: The item's survey location is shown in parentheses. An "R" indicates a negatively worded item, where the percent positive response is based on "Strongly disagree" or "Disagree," or "Never" or "Rarely" responses, as appropriate.



Average Percentage Response on Patient Safety and Quality Issues – 2020 SOPS Medical Office Database (Page 1 of 5)

In your best estimate, how often did the following things happen in your medical office <u>OVER THE PAST</u> <u>12 MONTHS?</u>

A1. A patient was unable to get an appointment within 48 hours for an acute/serious problem.



A2. The wrong chart/medical record was used for a patient.





Average Percentage Response on Patient Safety and Quality Issues – 2020 SOPS Medical Office Database (Page 2 of 5)

In your best estimate, how often did the following things happen in your medical office <u>OVER THE PAST</u> <u>12 MONTHS?</u>

A3. A patient's chart/medical record 100% 93% Positive was not available when needed. 80% 70% 60% 40% 20% 16% 7% 3% 3% 1% 0% Not in the Once or Several Monthly Weekly Daily past 12 twice times months in the in the past 12 past 12 months months A4. Medical information was 100% filed, scanned, or entered into 80% the wrong patient's chart/ 97% Positive medical record. 60% 48% 39% 40% 20% 10% 2% 1% 0% 0% Not in the Once or Several Monthly Weekly Daily times past 12 twice in the months in the past 12 past 12 months months



Average Percentage Response on Patient Safety and Quality Issues – 2020 SOPS Medical Office Database (Page 3 of 5)

In your best estimate, how often did the following things happen in your medical office <u>OVER THE PAST</u> <u>12 MONTHS?</u>

A5. Medical equipment was not working properly or was in need of repair or replacement.



A6. A pharmacy contacted our office to clarify or correct a prescription.





Average Percentage Response on Patient Safety and Quality Issues – 2020 SOPS Medical Office Database (Page 4 of 5)

In your best estimate, how often did the following things happen in your medical office <u>OVER THE PAST</u> <u>12 MONTHS?</u>

A7. A patient's medication list was not updated during his or her visit.



A8. The results from a lab or imaging test were not available when needed.





Average Percentage Response on Patient Safety and Quality Issues – 2020 SOPS Medical Office Database (Page 5 of 5)

In your best estimate, how often did the following things happen in your medical office <u>OVER THE PAST</u> <u>12 MONTHS?</u>

A9. A critical abnormal result from a lab or imaging test was not followed up within 1 business day.





Average Percentage Response on Information Exchange With Other Settings – 2020 SOPS Medical Office Database (Page 1 of 2)

Over the past 12 months, how often has your medical office had <u>problems exchanging accurate</u>, <u>complete</u>, and timely information with:



B2. Other medical offices/ outside physicians?



Note: Percentages indicate the database average percent response for each item response category. The percent positive displayed might not equal the sum of the response option percentages due to rounding. All six percentages might not add to 100 percent due to rounding.

100%

80%



Average Percentage Response on Information Exchange With Other Settings – 2020 SOPS Medical Office Database (Page 2 of 2)

Over the past 12 months, how often has your medical office had <u>problems exchanging accurate</u>, <u>complete</u>, and timely information with:







B4. Hospitals?



Average Overall Ratings on Quality – 2020 SOPS Medical Office Database (Page 1 of 2)

G1a. Patient-centered

Is responsive to individual patient preferences, needs, and values.



G1b. <u>Effective</u>	

Is based on scientific knowledge.



G1c. <u>Timely</u> 1 Minimizes waits and potentially harmful delays.





Average Overall Ratings on Quality – 2020 SOPS Medical Office Database (Page 2 of 2)

G1d. Efficient

Ensures cost-effective care (avoids waste, overuse, and misuse of services).



G1e. Equitable

Provides the same quality of care to all individuals regardless of gender, race, ethnicity, socioeconomic status, language, etc.





Average Overall Rating on Patient Safety — 2020 SOPS Medical Office Database




6 Comparing Medical Office Results

The data in this report should be used to supplement your medical office's efforts to identify areas of strength and areas on which to focus efforts to improve patient safety culture.

To compare a medical office's survey results with the aggregated findings from the database, first calculate the medical office's percent positive response on the survey's 10 composite measures and other survey items. These include items about patient safety and quality issues, information exchange with other settings, and ratings on quality and patient safety.

The Notes section at the end of this report describes how to calculate percent positive scores. Individual medical office results can then be compared with the database averages and the percentile scores for all medical offices in the database.

When comparing your medical office's results with results from the database, note that the database only provides *relative* comparisons. Although your medical office's survey results might have higher percent positive results than the database statistics, there might still be room for improvement in a particular area within your medical office in an *absolute* sense.

Composite Measure and Item Tables

Table 6-1 presents statistics (average percent positive, standard deviation [s.d.], minimum and maximum scores, and percentiles) for each of the 10 SOPS composite measures.

Table 6-2 presents statistics for each of the 38 survey items. Items are listed in their respective composite measure, in the order in which they appear in the survey.

Table 6-3 presents statistics for items on patient safety and quality issues.

Table 6-4 presents statistics for items on information exchange with other settings.

Table 6-5 presents statistics for overall ratings on quality and patient safety.



Table 6-1. Composite Measure Results – 2020 SOPS Medical Office Database

				Com	posite Me	asure % Posit	ive Respo	onse	
SOPS Composite Measures	Average % Positive	s.d.	Min	10th %ile	25th %ile	Median/ 50th %ile	75th %ile	90th %ile	Max
1. Patient Care Tracking/Followup	88%	11.26%	36%	71%	81%	89%	96%	100%	100%
2. Teamwork	86%	13.07%	17%	68%	80%	89%	96%	100%	100%
3. Organizational Learning	81%	15.77%	17%	58%	71%	84%	93%	100%	100%
4. Overall Perceptions of Patient Safety and Quality	80%	14.96%	8%	60%	72%	83%	92%	96%	100%
5. Staff Training	75%	17.97%	0%	50%	65%	78%	89%	96%	100%
6. Communication About Error	74%	15.51%	25%	53%	63%	75%	86%	93%	100%
7. Communication Openness	72%	16.85%	17%	49%	61%	73%	84%	94%	100%
8. Office Processes and Standardization	70%	18.69%	11%	44%	57%	71%	85%	93%	100%
9. Owner/Managing Partner/Leadership Support for Safety	69%	16.81%	6%	45%	58%	71%	81%	88%	100%
10. Work Pressure and Pace	49%	21.91%	0%	20%	33%	49%	65%	79%	100%



						Survey It	em % Posi	tive Respoi	nse	
							Median/			
Su	rvey Items by SOPS Composite Measure	Average % Positive	s.d.	Min	10th %ile	25th %ile	50th %ile	75th %ile	90th %ile	Max
1.	Patient Care Tracking/Followup									
1.	This office reminds patients when they need to schedule an appointment for preventive or routine care. (D3)	90%	13.22%	25%	72%	83%	93%	100%	100%	100%
2.	This office documents how well our chronic-care patients follow their treatment plans. (D5)	82%	19.35%	0%	56%	70%	86%	100%	100%	100%
3.	Our office follows up when we do not receive a report we are expecting from an outside provider. (D6)	87%	15.08%	22%	67%	78%	90%	100%	100%	100%
4.	This office follows up with patients who need monitoring. (D9)	91%	12.45%	20%	75%	84%	100%	100%	100%	100%
2.	Teamwork	'								
1.	When someone in this office gets really busy, others help out. (C1)	85%	16.32%	9%	61%	77%	88%	100%	100%	100%
2.	In this office, there is a good working relationship between staff and providers. (C2)	89%	14.21%	0%	70%	83%	94%	100%	100%	100%
3.	In this office, we treat each other with respect. (C5)	85%	16.49%	11%	61%	75%	89%	100%	100%	100%
4.	This office emphasizes teamwork in taking care of patients. (C13)	85%	15.73%	0%	64%	78%	89%	100%	100%	100%

Table 6-2. Item Results – 2020 SOPS Medical Office Database (Page 1 of 4)



		-				Survey It	em % Positiv	ve Respon	ise	
Sui	vey Items by SOPS Composite Measure	Average % Positive	s.d.	Min	10th %ile	25th %ile	Median/ 50th %ile	75th %ile	90th %ile	Max
3.	Organizational Learning									
1.	When there is a problem in our office, we see if we need to change the way we do things. (F1)	84%	16.13%	0%	63%	75%	86%	100%	100%	100%
2.	This office is good at changing office processes to make sure the same problems don't happen again. (F5)	82%	17.91%	0%	56%	71%	86%	100%	100%	100%
3.	After this office makes changes to improve the patient care process, we check to see if the changes worked. (F7)	76%	19.63%	0%	50%	67%	80%	92%	100%	100%
4.	Overall Perceptions of Patient Safety and Quality									
1.	Our office processes are good at preventing mistakes that could affect patients. (F2)	87%	15.63%	14%	67%	78%	90%	100%	100%	100%
2.	Mistakes happen more than they should in this office. (F3R)	81%	18.83%	0%	56%	69%	83%	100%	100%	100%
3.	It is just by chance that we don't make more mistakes that affect our patients. (F4R)	79%	18.37%	0%	56%	69%	82%	94%	100%	100%
4.	In this office, getting more work done is more important than quality of care. (F6R)	74%	20.16%	0%	45%	62%	75%	89%	100%	100%
5.	Staff Training	'								
1.	This office trains staff when new processes are put into place. (C4)	77%	19.93%	0%	50%	67%	80%	93%	100%	100%
2.	This office makes sure staff get the on-the-job training they need. (C7)	77%	20.04%	0%	50%	65%	80%	92%	100%	100%
3.	Staff in this office are asked to do tasks they haven't been trained to do. (C10R)	72%	21.02%	0%	43%	60%	75%	88%	100%	100%

Table 6-2. Item Results – 2020 SOPS Medical Office Database (Page 2 of 4)



					S	urvey Ite	em % Positiv	ve Respon	se	
Sui	rvey Items By SOPS Composite Measure	Average % Positive	s.d.	Min	10th %ile	25th %ile	Median/ 50th %ile	75th %ile	90th %ile	Max
6.	Communication About Error									
1.	Staff feel like their mistakes are held against them. (D7R)	66%	23.01%	0%	33%	50%	67%	83%	100%	100%
2.	Providers and staff talk openly about office problems. (D8)	65%	21.76%	0%	37%	50%	67%	80%	100%	100%
3.	In this office, we discuss ways to prevent errors from happening again. (D11)	84%	16.42%	0%	63%	75%	86%	100%	100%	100%
4.	Staff are willing to report mistakes they observe in this office. (D12)	80%	16.94%	0%	57%	70%	82%	100%	100%	100%
7.	Communication Openness									
5.	Providers in this office are open to staff ideas about how to improve office processes. (D1)	75%	20.84%	0%	45%	63%	78%	91%	100%	100%
6.	Staff are encouraged to express alternative viewpoints in this office. (D2)	74%	19.75%	0%	50%	61%	75%	89%	100%	100%
7.	Staff are afraid to ask questions when something does not seem right. (D4R)	76%	18.68%	0%	50%	67%	78%	90%	100%	100%
8.	It is difficult to voice disagreement in this office. (D10R)	61%	22.93%	0%	31%	45%	62%	78%	95%	100%
8.	Office Processes and Standardization	'								
1.	This office is more disorganized than it should be. (C8R)	68%	23.57%	0%	35%	50%	69%	86%	100%	100%
2.	We have good procedures for checking that work in this office was done correctly. (C9)	73%	20.80%	0%	43%	60%	75%	89%	100%	100%
3.	We have problems with workflow in this office. (C12R)	55%	25.81%	0%	20%	36%	56%	75%	90%	100%
4.	Staff in this office follow standardized processes to get tasks done. (C15)	82%	17.26%	0%	60%	74%	86%	100%	100%	100%

Table 6-2. Item Results – 2020 SOPS Medical Office Database (Page 3 of 4)



						Survey It	em % Posit	ive Respor	nse	
Sui	vey Items By SOPS Composite Measure	Average % Positive	s.d.	Min	10th %ile	25th %ile	Median/ 50th %ile	75th %ile	90th %ile	Max
9.	Owner/Managing Partner/Leadership Support for Patient Safety									
1.	They aren't investing enough resources to improve the quality of care in this office. (E1R)	49%	24.31%	0%	18%	33%	50%	67%	80%	100%
2.	They overlook patient care mistakes that happen over and over. (E2R)	82%	18.62%	0%	57%	71%	86%	100%	100%	100%
3.	They place a high priority on improving patient care processes. (E3)	81%	19.28%	0%	56%	70%	83%	100%	100%	100%
4.	They make decisions too often based on what is best for the office rather than what is best for patients. (E4R)	62%	22.66%	0%	33%	47%	64%	79%	90%	100%
10.	Work Pressure and Pace									
1.	In this office, we often feel rushed when taking care of patients. (C3R)	40%	23.79%	0%	11%	23%	38%	56%	75%	100%
2.	We have too many patients for the number of providers in this office. (C6R)	48%	27.67%	0%	12%	25%	50%	67%	86%	100%
3.	We have enough staff to handle our patient load. (C11)	47%	27.88%	0%	11%	25%	47%	69%	86%	100%
4.	This office has too many patients to be able to handle everything effectively. (C14R)	60%	25.71%	0%	25%	41%	62%	80%	100%	100%

Table 6-2. Item Results – 2020 SOPS Medical Office Database (Page 4 of 4)



						Survey It	em % Positiv	ve Respon	se	
А.	Patient Safety and Quality Issues	Average % Positive	s.d.	Min	10th %ile	25th %ile	Median/ 50th %ile	75th %ile	90th %ile	Max
Acc	cess to Care									
1.	A patient was unable to get an appointment within 48 hours for an acute/serious problem. (A1)	74%	23.53%	0%	40%	60%	80%	100%	100%	100%
Pat	ient Identification									
2.	The wrong chart/medical record was used for a patient. (A2)	98%	6.00%	33%	91%	100%	100%	100%	100%	100%
Cha	arts/Medical Records									
3.	A patient's chart/medical record was not available when needed. (A3)	93%	12.08%	22%	78%	90%	100%	100%	100%	100%
4.	Medical information was filed, scanned, or entered into the wrong patient's chart/medical record. (A4)	97%	7.64%	33%	86%	100%	100%	100%	100%	100%
Me	dical Equipment									
5.	Medical equipment was not working properly or was in need of repair or replacement. (A5)	90%	13.74%	0%	70%	83%	100%	100%	100%	100%
Me	dication									
6.	A pharmacy contacted our office to clarify or correct a prescription. (A6)	60%	24.53%	0%	29%	42%	60%	79%	100%	100%
7.	A patient's medication list was not updated during his or her visit. (A7)	79%	20.24%	0%	50%	67%	80%	100%	100%	100%
Dia	gnostics and Tests									
8.	The results from a lab or imaging test were not available when needed. (A8)	81%	19.53%	0%	53%	70%	83%	100%	100%	100%
9.	A critical <u>abnormal</u> result from a lab or imaging test was not followed up within 1 business day. (A9)	94%	11.44%	20%	80%	90%	100%	100%	100%	100%

Table 6-3. Item Results on Patient Safety and Quality Issues – 2020 SOPS Medical Office Database

Note: The item's survey location is shown after the item text. For items A1-A9, the percent positive response is based on those who responded "Not in the past 12 months," "Once or twice in the past 12 months," and "Several times in the past 12 months."



					Survey Item % Positive Response							
Info	rmation Exchange With Other Settings	Average % Positive	s.d.	Min	10th %ile	25th %ile	Median/ 50th %ile	75th %ile	90th %ile	Max		
В.	Over the past 12 months, how often has your medical office had problems exchanging accurate, complete, and timely information with:											
1.	Outside labs/imaging centers? (B1)	78%	20.78%	0%	50%	67%	80%	100%	100%	100%		
2.	Other medical offices/Outside physicians? (B2)	77%	20.90%	0%	50%	67%	80%	100%	100%	100%		
3.	Pharmacies? (B3)	77%	20.80%	0%	50%	65%	80%	100%	100%	100%		
4.	Hospitals? (B4)	84%	18.41%	0%	60%	75%	87%	100%	100%	100%		

Table 6-4. Item Results on Information Exchange With Other Settings – 2020 SOPS Medical Office Database

Note: The item's survey location is shown after the item text. For items B1-B4, the percent positive response is based on those who responded "No problems in the past 12 months," "One or two problems in the past 12 months," and "Several problems in the past 12 months."



					:	Survey Ite	em % Positiv	ve Respor	ise	
Ave	erage Overall Ratings on Quality and Patient Safety	Average % Positive	s.d.	Min	10th %ile	25th %ile	Median/ 50th %ile	75th %ile	90th %ile	Max
1.	Patient-Centered – Is responsive to individual patient preferences, needs, and values. (G1a)									
	Excellent/Very good	71%	20.55%	0%	44%	58%	73%	86%	100%	100%
2.	Effective – Is based on scientific knowledge. (G1b)									
	Excellent/Very good	71%	19.63%	0%	46%	60%	73%	86%	100%	100%
3.	Timely – Minimizes waits and potentially harmful delays. (G1c)									
	Excellent/Very good	56%	24.52%	0%	25%	40%	56%	75%	88%	100%
4.	Efficient – Ensures cost-effective care (avoids waste, overuse, and misuse of services). (G1d)									
	Excellent/Very good	62%	21.73%	0%	33%	50%	63%	78%	92%	100%
5.	Equitable – Provides the same quality of care to all individuals regardless of gender, race, ethnicity, socioeconomic status, language, etc. (G1e)									
	Excellent/Very good	84%	15.02%	0%	63%	75%	86%	100%	100%	100%
6.	Overall Rating on Patient Safety – Overall rating of the systems and clinical processes in place to prevent, catch, and correct problems that have the potential to affect patients (G2)									
	Excellent/Very good	68%	22.28%	0%	38%	54%	70%	86%	100%	100%

Table 6-5. Results on Average Overall Ratings on Quality and Patient Safety – 2020 SOPS Medical Office Database

Note: The item's survey location is shown after the item text.



What's Next? Action Planning for Improvement

The AHRQ Surveys on Patient Safety Culture are important sources of information for healthcare organizations striving to improve patient safety and can be used as an effective starting point for action planning to make culture changes. Organizations may find it useful to brainstorm the potential barriers that make it difficult to implement initiatives and strategies to overcome them.

AHRQ Action Planning Tool

The <u>Action Planning Tool for the AHRQ Surveys on Patient Safety Culture</u> is intended for use after your organization administers the survey and analyzes the results. The first step toward improving the patient safety culture in your facility is to develop an action plan using the Action Plan Template. You can complete the form by answering 10 key questions to help you record your goals, initiatives, resources needed, process and outcome measures, and timelines.

Define your goals and select your initiatives:

- 1. What areas do you want to focus on for improvement?
- 2. What are your goals?
- 3. What initiatives will you implement?

Plan your initiatives:

- 4. Who will be affected, and how?
- 5. Who can lead the initiative?
- 6. What resources will be needed?
- 7. What are possible barriers, and how can they be overcome?
- 8. How will you measure progress and success?
- 9. What is the timeline?

Communicate your action plan:

10. How will you share your action plan and with whom?

Your action plan should be flexible. The questions do not need to be answered in order. Keep in mind that as you begin to implement your plan, it may change.



Resource List for Users of the AHRQ Medical Office Survey

The AHRQ *Improving Patient Safety in Medical Offices: A Resource List for Users of the AHRQ Medical Office Survey on Patient Safety Culture* contains references to websites that provide practical resources medical offices can use to implement changes to improve patient safety culture and patient safety. These resources are not a complete list but are provided to give initial guidance to medical offices looking for information about patient safety initiatives.



Notes: Description of Data Cleaning, Calculations, and Data Limitations

This section provides additional detail regarding how various statistics presented in this report were calculated, as well as data limitations.

Data Cleaning

Each participating medical office submitted individual-level survey data. Once the data were submitted, we tabulated response frequencies for each medical office to find out-of-range values, missing values, or other data anomalies. When we found data outliers or other inconsistencies, we contacted the medical office and asked them to correct and resubmit their data. In addition, each participating medical office received a copy of its data frequencies upon uploading their survey data, to verify that the dataset received by the online submission system was correct.

The data were also reviewed for response biases (e.g., responding with the same answer for all positively worded items in the same section of the survey). An example of a positively worded item is D2. *Staff are encouraged to express alternative viewpoints in this office* and an example of a negatively worded item is D4R. *Staff are afraid to ask questions when something does not seem right*.

Both positively and negatively worded items are in sections C, D, E, and F. When respondents supplied the same answer for every item in section C, D, E, or F, the items in those sections were considered "missing" because the sections have negatively worded items. After this initial review, respondents with missing answers for all sections C, D, E, and F were deleted before analysis.

In addition, if respondents marked the same answer for any section C, D, E, or F, those items were set to missing. Respondents who supplied either "Does not apply or Don't know" answers or had missing answers to all items across sections A, B, C, D, E, and F were also deleted before analysis. Medical offices were included in the database only if they had at least 3 respondents after all data cleaning steps.

Response Rates

As part of the data submission process, we asked medical offices to provide the number of completed, returned surveys and the total number of surveys administered. Incomplete surveys are those surveys with missing answers or "Does not apply or Don't know" answers for all



questions in sections A, B, C, D, E, F, and G. We then calculated response rates using the formula below:

Response Rate = $\frac{\text{Number of complete, returned surveys} - \text{Incompletes}}{\text{Number of eligible providers and staff who received a survey}}$

Calculation of Percent Positive Scores

Most of the survey items ask respondents to answer using 5-point response categories in terms of agreement (Strongly agree, Agree, Neither Agree nor Disagree, Disagree, Strongly disagree) or frequency (Always, Most of the time, Sometimes, Rarely, Never). Three of the 10 SOPS composite measures consisting of 12 items use the frequency response option (Communication About Error, Communication Openness, and Patient Care Tracking/Followup) while the other 7 composite measures consisting of 26 items use the agreement response option.

The 9 Patient Safety and Quality Issues items use a frequency scale ranging from "Not in the past 12 months" to "Daily":

- Not in the past 12 months,
- Once or twice in the past 12 months,
- Several times in the past 12 months,
- Monthly,
- Weekly, and
- Daily.

The four Information Exchange With Other Settings items use similar response options ranging from "No problems in the past 12 months" to "Problems daily":

- No problems in the past 12 months,
- Problems once or twice in the past 12 months,
- Problems several times in the past 12 months,
- Problems monthly,
- Problems weekly, and
- Problems daily.

The Overall Ratings on Quality and Patient Safety uses a 5-point scale ranging from "Poor" to "Excellent" (Poor, Fair, Good, Very good, Excellent).



Item Percent Positive Response

The survey includes both positively worded items (e.g., "Staff support one another in this medical office") and negatively worded items (e.g., "Staff use shortcuts to get their work done faster"). Calculating the percent positive response from positively worded items is different from calculating the percent positive response from negatively worded items:

For positively worded items, percent positive response is the combined percentage of respondents within a medical office who answered "Strongly agree" or "Agree," or "Always" or "Most of the time," depending on the response categories used for the item.

For example, for the item "We have enough staff to handle our patient load," if 50 percent of respondents within a medical office responded *Strongly agree* and 25 percent responded *Agree*, the item percent positive response for that medical office would be 50% + 25% = 75% positive.

• For negatively worded items, percent positive response is the combined percentage of respondents within a medical office who answered "Strongly disagree" or "Disagree," or "Never" or "Rarely," because a *negative* answer on a negatively worded item indicates a *positive* response.

For example, for the item "Mistakes happen more than they should in this office," if 60 percent of respondents within a medical office responded Strongly disagree and 20 percent responded Disagree, the item percent positive response would be 80 percent (i.e., 80 percent of respondents do not believe mistakes happen more than they should in this office).

Percent positive scores for the Patient Safety and Quality Issues items and the Information Exchange With Other Settings items, were calculated differently. The percent positive score for these 13 items is the sum of the three response options that represent the smallest frequency of occurrence.

For Patient Safety and Quality Issues items, the three responses are: "Not in the past 12 months," "Once or twice in the past 12 months," and "Several times in the past 12 months." For Information Exchange With Other Settings items, the three responses are: "No problems in the past 12 months," "Problems once or twice in the past 12 months," and "Problems several times in the past 12 months."

Composite Measure Percent Positive Response

The 10 SOPS composite measures are each composed of three or four survey items. We calculate composite measure scores for each medical office by averaging the percent positive responses on all the items in a composite measure. For example, for a three-item composite measure, if the item percent positive responses were 50 percent, 55 percent, and 60 percent, the medical office's



composite measure percent positive response would be the average of these three percentages, or 55 percent positive.

Item and Composite Measure Percent Positive Scores Example

We calculated the average percent positive scores for each of the 10 SOPS composite measures and for the 38 survey items by averaging the medical office-level percent positive scores across all medical offices in the database. Since percent positive is calculated as an overall average, scores from each medical office are weighted equally in their contribution to this average score.

Table N1 shows an example of computing a composite measure score for Staff Training in a single medical office. This composite measure has three items. Two are positively worded (items C4 and C7) and one is negatively worded (item C10R). Keep in mind that DISAGREEING with a negatively worded item indicates a POSITIVE response.

Three Items Measuring "Staff Training"	For Positively Worded Items, Number of "Strongly Agree" or "Agree" Responses	For Negatively Worded Items, Number of "Strongly Disagree" or "Disagree" Responses	Total Number of Responses to the Item (Excluding Does Not Apply/Don't Know and Missing Responses)	Percent Positive Response on Item
Item C4 - positively worded				
"This office trains staff when new processes are put into place."	110	NA*	240	110/240= 46%
Item C7 - positively worded				
"This office makes sure staff get the on-the-job training they need."	140	NA*	250	140/250= 56%
Item C10R - negatively worded				
"Staff in this office are asked to do tasks they haven't been trained to do."	NA*	125	260	125/260= 48%
	Composit	e Measures % Positive	Score = (46% + 56%	+ 48%) / 3 = 50%

Table N1. Example of Computing Item and Composite Measures Percent Positive Scores

*NA = Not applicable

This example includes three items, with percent positive response scores of 46 percent, 56 percent, and 48 percent. The average of these item percent positive scores in the Staff Training composite measure is 50 percent. In this example, an average of 50 percent of the respondents responded positively to the survey items in the Staff Training composite measure.

Statistically "Significant" Differences Between Scores

You might be interested in determining the statistical significance of differences between your scores and the database scores, or between database scores in various categories (e.g., numbers of providers and staff, staff position). Statistical significance is greatly influenced by sample size; as the number of observations in comparison groups increases, small differences in scores become statistically significant. While a 1 percentage point difference between percent positive scores might be "statistically" significant (that is, not due to chance), the difference is not likely to be meaningful or "practically" significant.

Keep in mind that statistically significant differences are not always important, and nonsignificant differences are not always trivial. We provide the average, standard deviation, range, and percentile information so that you can compare your data with the database in different ways.

Standard Deviation

The standard deviation (s.d.) is a measure of the spread or variability of medical office scores around the average. The standard deviations presented in Chapter 6 tell you the extent to which medical office's scores differ from the average:

- If scores from all medical offices were exactly the same, then the average would represent all their scores perfectly and the standard deviation would be zero.
- If scores from all medical offices were very close to the average, then the standard deviation would be small and close to zero.
- If scores from many medical offices were very different from the average, then the standard deviation would be a large number.

When the distribution of medical office scores follows a normal bell-shaped curve (where most of the scores fall in the middle of the distribution, with fewer scores at the lower and higher ends of the distribution), the average, plus or minus the standard deviation, will include about 68 percent of all medical office scores. For example, if an average percent positive score across the database medical office was 70 percent with a standard deviation of 10 percent (and scores were normally distributed), then about 68 percent of all the database medical offices would have scores between 60 percent and 80 percent positive.



Minimum and Maximum Scores

The minimum (lowest) and maximum (highest) percent positive scores are presented for each composite measure and item. These scores provide information about the range of percent positive scores obtained by database medical offices and are actual scores from the lowest and highest scoring medical offices.

When comparing your data with the minimum and maximum scores, keep in mind that these scores may represent medical offices that are extreme outliers (indicated by large differences between the minimum score and the 10th percentile score, or between the 90th percentile score and the maximum score).

Percentiles

Percentiles provide information about the distribution of medical office scores. A specific percentile score shows the percentage of medical offices that scored at or below a particular score.

Percentiles were computed using the SAS[®] software default method. The first step in this procedure is to rank the percent positive scores from all the participating medical offices, from lowest to highest. The next step is to multiply the number of medical offices (n) by the percentile of interest (p), which in our case would be the 10th, 25th, 50th, 75th, or 90th percentile.

For example, to calculate the 10th percentile, one would multiply 1,475 (the total number of medical offices) by .10 (10th percentile). The product of n x p is equal to "j+g" where "j" is the integer and "g" is the number after the decimal. In this case, j = 147 and g = .5, since 1,475 x .10 = 147.5.

If "g" equals 0, the percentile score is equal to the percent positive value of the medical office in the jth position plus the percent positive value of the medical office in the jth +1 position, divided by 2 $[(X_{(j)} + X_{(j+1)})/2]$. If "g" is *not* equal to 0, the percentile score is equal to the percent positive value of the medical office in the jth +1 position.

The following examples show how the 10th and 50th percentiles would be computed using a sample of percent positive scores from 12 medical offices (using fake data shown in Table N2). First, the percent positive scores are sorted from low to high on Composite Measure "A."



Medical Office	Composite Measure "A" % Positive Score	
1	33%	
2	48%	\leftarrow 10 th percentile score = 48%
3	52%	_
4	60%	
5	63%	
6	64%	← 50 th percentile score = 65%
7	66%	
8	70%	_
9	72%	_
10	75%	
11	75%	
12	78%	

Table N2. Data Table for Example of How To Compute Percentiles

10th percentile

- 1. For the 10th percentile, we would first multiply the number of medical offices by .10: $(n \ge 12 \ge .10 = 1.2)$.
- 2. The product of n x p = 1.2, where "j" = 1 and "g" = 2. Since "g" is *not* equal to 0, the 10th percentile score is equal to the percent positive value of the medical office in the jth +1 position:
 - 1. "j" equals 1.
 - 2. The 10^{th} percentile equals the value for the medical office in the 2^{nd} position = 48%.

50th percentile

- 1. For the 50th percentile, we would first multiply the number of medical offices by .50: $(n \ge 12 \ge .50 = 6.0)$.
- 2. The product of n x p = 6.0, where "j" = 6 and "g" = 0. Since "g" = 0, the 50th percentile score is equal to the percent positive value of the medical office in the jth position plus the percent positive value of the medical office in the jth +1 position, divided by 2:
 - 1. "j" equals 6.
 - 2. The 50th percentile equals the average of the medical offices in the 6th and 7th positions (64%+66%)/2 = 65%.

When the distribution of medical office scores follows a normal bell-shaped curve (where most of the scores fall in the middle of the distribution with fewer scores at the lower and higher ends of the distribution), the 50th percentile, or median, will be very similar to the average score. Interpret the percentile scores as shown in Table N3.

Percentile Score	Interpretation
10 th percentile	10% of medical offices scored the same or lower.
Represents the lowest scoring medical offices.	90% of medical offices scored higher.
25 th percentile	25% of medical offices scored the same or lower.
Represents lower scoring medical offices.	75% of medical offices scored higher.
50 th percentile (or median)	50% of medical offices scored the same or lower.
Represents the middle of the distribution of medical offices.	50% of medical offices scored higher.
75 th percentile	75% of medical offices scored the same or lower.
Represents higher scoring medical offices.	25% of medical offices scored higher.
90 th percentile	90% of medical offices scored the same or lower.
Represents the highest scoring medical offices.	10% of medical offices scored higher.

Table N3. Interpretation of Percentile Scores

To compare with the database percentiles, compare your medical office's percent positive scores with the percentile scores for each composite measure and item. See examples below in Table N4.

Table N4. Sample Percentile Statistics

					Survey Ite	em % Positiv	e Response	:				
						Median/						
Survey	Average			10th 25th 50th 75th 90th								
Item	% Positive	s.d	Min	%ile	%ile	%ile	%ile	%ile	Max			
ltem 1	36%	12.26	8%	10%	25%	35%	49%	62%	96%			

If your medical office's score is 55%, your score falls here:

If your medical office's score is 65%, your score falls here:



If your medical office's score is 55 percent positive, it falls above the 75th percentile (but below the 90th), meaning that your medical office scored higher than at least 75 percent of the medical offices in the database.

If your medical office's score is 65 percent positive, it falls above the 90th percentile, meaning your medical office scored higher than at least 90 percent of the medical offices in the database.

Data Limitations

The survey results presented in this report represent the largest known compilation of publicly available patient safety culture data for medical offices and therefore provide a useful reference. However, several limitations to these data should be kept in mind.

First, medical offices voluntarily submitted their data to the database; therefore, the database only includes those medical offices that have administered the survey and were willing to submit their data to the database. As such, only a small percentage of all medical offices in the United States (less than 1 percent) are presented (see Table N5). These voluntary submitters are not representative of all medical offices in the United States.

Estimates based on this self-selected group may produce biased estimates of the population and it is not possible to compute estimates of precision from such a self-selected group. However, the geographic distribution of the medical offices in the database is to some degree consistent with the distribution of medical offices based on the 2012 U.S. Economic Census, Office of Physicians estimates. We calculated the 2012 U.S. Economic Census, Office of Physicians by regions by looking up the number of medical offices represented in each State (see Table N5).ⁱ

ⁱ U.S. Census Bureau 2012. Economic census (2012 NAICS code 62111 "Offices of physicians"). <u>http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ECN_2012_US_62A1&prodType</u> <u>=table</u>. Accessed February 19, 2020.



Table N5. Distribution of AHRQ 2020 SOPS Medical Office Database Compared With U.S.Economic Census, Offices of Physicians (2012) Data by Region

Geographic Region	AHRQ SOPS Medical Office Survey Database Medical Offices (2020)		U.S. Economic Census, Offices of Physicians (2012)	
	Number	Percent	Number	Percent
New England	79	5%	9,119	4%
Mid-Atlantic	18	1%	34,702	16%
South Atlantic	449	30%	46,654	21%
East North Central	285	19%	27,823	13%
East South Central	126	9%	12,083	5%
West North Central	14	1%	9,232	4%
West South Central	287	19%	27,828	13%
Mountain	173	12%	15,412	7%
Pacific	44	3%	38,037	17%
Total	1,475	100%	220,890	100%

Note: Percentages might not add to 100 percent due to rounding. States are categorized into regions as follows:

- New England: CT, MA, ME, NH, RI, VT
- Mid-Atlantic: NJ, NY, PA
- South Atlantic: DC, DE, FL, GA, MD, NC, SC, VA, WV
- East North Central: IL, IN, MI, OH, WI
- East South Central: AL, KY, MS, TN
- West North Central: IA, KS, MN, MO, ND, NE, SD
- West South Central:, AR, LA, OK, TX
- Mountain: AZ, CO, ID, MT, NM, NV, UT, WY
- Pacific: AK, CA, HI, OR, WA

In addition, medical offices that administered the survey were not required to undergo any training and administered the survey in different ways. Some medical offices used a paper-only survey, others used web-only surveys, and only one medical office used a combination of these two methods. These different administration modes could have led to differences in survey responses; further research is needed to determine whether and how different administration modes affect results.



Finally, the data medical offices submitted have been cleaned for out-of-range values (e.g., invalid response values due to data entry errors), blank records (where responses to all survey items were missing or "Does not apply or Don't know" except for demographic items), and straight-lining (where responses to all survey items in a section were the same even though at least one item was negatively worded). Otherwise, data are presented as submitted. No additional attempts were made to verify or audit the accuracy of the data submitted.



Appendixes A and B: Overall Results by Medical Office Characteristics and Respondent Characteristics

In addition to the overall results on the database medical offices presented, Part II of the report presents data tables showing average percent positive scores on the survey composite measures and items across database medical offices, broken down by the following medical office and respondent characteristics:

Appendix A: Results by Medical Office Characteristics

- Number of Providers
- Single Specialty vs. Multispecialty
- Specific Specialties
- Primary Care Specialties
- Ownership
- Geographic Region

Appendix B: Results by Respondent Characteristics

- Staff Position
- Tenure in Medical Office

The breakout tables are included as appendixes due to the large number of them. The appendixes are available online at <u>http://www.ahrq.gov/professionals/quality-patient-safety/patientsafetyculture/medical-office/mo-reports.html</u>.

Highlights from Appendixes A and B: Overall Results by Medical Office and Respondent Characteristics

Number of Providers (Table A-1)

• Database medical offices with *1 provider* had the highest score on the Composite Measure Average (79 percent); database medical offices with *14 to 19 providers* had the lowest (68 percent).

Staff Position (Table B-1)

• *Management* had the highest Composite Measure Average (86 percent); *Administrative/Clerical Staff, Nurses (RN/LVN/LPN),* and *Other Clinical Staff or Clinical Support Staff* had the lowest (73 percent).



