

**Scoring Algorithm for Provider Experience Survey used in
“Patient-Centered Medical Home Characteristics
and Staff Morale in Safety Net Clinics”**

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“Patient-Centered Medical Home Characteristics and Staff Morale in Safety Net Clinics.” Archives of Internal Medicine. 2012;172(1):23-31.

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Questions		Points per Response
Domain 1: Access and Communication with Patients		
	Q1.a. My patients see me rather than some other provider when they come in for a routine visit:	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	b. My patients see me rather than some other provider when they come in for an urgent care visit:	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	c. My patients can easily get a same-day appointment with me or some other provider in our clinic if they have an urgent problem:	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	d. It is often difficult to spend enough time with patients to meet their medical needs:	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	e. I have adequate access to interpreters:	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
Score	Mean of Q1a-e responses	____0-100

Domain 2: Communication with Other Providers		
	Q2: How often is it difficult for you to communicate about your patients with:	
	a. outside specialists	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	b. hospital-based providers	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	c. emergency departments	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
Score	Mean of Q2a-c responses	___ 0-100

Domain 3: Tracking Data		
	Q3.a. My practice can easily identify patients with a particular disease	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	b. Our clinic has good systems in place to track test results and follow-up with patients about the results	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
Score	Mean of Q3a-b responses	___ 0-100

Domain 4: Care Management		
	Q6.a. Our clinic has a good system for identifying patients at high-risk for poor outcomes	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	b. Our clinic intensifies services for patients at high-risk for poor outcomes	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	c. Our clinic individualizes services to different patients with different needs	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	d. Our clinic is effective in helping patients self-manage their chronic illness	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	e. Patient care is coordinated well among physicians, nurses, and clinic staff within our clinic	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	f. Our practice effectively utilizes community resources to help meet the health care needs of our patients	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	Q5b. Our EMR provides prompts at the time of the patient visit to remind me of key actions to take for the patient	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
Score	Mean of Q6a-f and Q5b responses	____0-100

Domain 5: Quality Improvement		
	Q7.a. The structure of our clinic promotes giving high quality of care to patients	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	b. We are actively doing things to improve patient safety	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	c. Our clinic studies patients' complaints to identify patterns and prevent the same problems from recurring	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	d. When we experience a problem in the practice we make a serious effort to figure out what's really going on	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	e. My clinic sends me reports on the quality of care I provide my patients	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	f. Most people in this practice are willing to change how they do things in response to feedback from others	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	g. Providers and staff in the clinic are provided with adequate release time from their regular job duties for quality improvement activities	
	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
	Q8a. I am rewarded for the work I do in quality improvement	

	Strongly Disagree	0
	Disagree	25
	Neither Agree nor Disagree	50
	Agree	75
	Strongly Agree	100
Score	Mean of Q7a-g and Q8a responses	____0-100

Total PCMH Score Average	Mean of Domains 1-5	____ 0-100

Questions in the subscale Communication with Other Providers are only relevant to Providers and not to Staff, so these questions are not included in the Staff survey. Therefore, the Staff scale does not have the Communication with Other Providers domain.

To analyze only Provider perceptions of PCMH characteristics, include all 5 domains to calculate the Total PCMH Score.

To analyze Provider and Staff perceptions of PCMH characteristics together, exclude the Communication with Other Providers domain and calculate the Total PCMH Score based on the remaining 4 domains.

A respondent's data were included in a domain score if the individual responded to more than 50% of the items in the domain. In addition, to be included in the total PCMH score, respondents had to have more than 50% of items answered for all domains. For surveys that had missing items but had fewer than 50% missing items in a domain, we imputed the missing values based on the average score of the rest of the domain items. Five hundred seventy-four (95%) respondents had total scores calculated.