

Question number from 2017 NEHS	Variable Name	Variable Label	C o r n	Len gth	Values for variable range and labels
Barcode	<b>PHYID</b>	Physician ID	N	5	80002-90294='Valid range for live data collection'
Q3	<b>NUMLOC</b>	Overall, at how many office locations do you see ambulatory patients in a normal week?	N	3	0-20='Valid range' -9='Blank'
Q5	<b>SETTING</b>	Among settings (1-8) checked in 4, the office setting with the most ambulatory care visits.	N	3	1-8='Valid range' -7='Not applicable' -9='Blank'
Q7	<b>PSIZECAT</b>	Number of physicians (including you) working at this practice (at all locations).	N	3	1='1 physician' 2='2-3 physicians' 3='4-10 physicians' 4='11-50 physicians' 5='51-100 physicians' 6='More than 100 physicians' -7='Not applicable' -9='Blank'
Q9	<b>MIDLEVP1</b>	How many mid-level providers are associated with the reporting location?	N	3	0-101='Valid range' -7='Not applicable' -9='Blank'
Q10	<b>MULTI1</b>	Is the reporting location a single- or multi-specialty (group) practice?	N	3	1='Single' 2='Multi' -7='Not applicable' -9='Blank'
Q11	<b>ACCEPTNEW</b>	At the reporting location, are you currently accepting new patients?	N	3	1='Yes' 2='No' 3='Don't know (EV=-8)' -7='Not applicable' -9='Blank'
Q12.1	<b>CAPITATE</b>	Type of payment accepted - Capitated Private Insurance.	N	3	1='Yes' 2='No' 3='Don't know (EV=-8)' -7='Not applicable' -9='Blank'
Q12.2	<b>NOCAP</b>	Type of payment accepted - Noncapitated Private Insurance.	N	3	1='Yes' 2='No' 3='Don't know (EV=-8)' -7='Not applicable' -9='Blank'

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Q12.3	<b>NMEDCARE</b>	Type of payment accepted – Medicare.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q12.4	<b>NMEDCAID</b>	Type of payment accepted - Medicaid.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q12.5	<b>NWORKCMP</b>	Type of payment accepted - Worker's compensation.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q12.6	<b>NSELPAY</b>	Type of payment accepted - Self-pay.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q12.7	<b>NNOCHRG</b>	Type of payment accepted - No charge.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q13	<b>PCTMCAID</b>	What percent of your patients are insured by Medicaid?	N	3	0-100='Valid range' -7='Not applicable' -9='Blank'
Q14	<b>MCAREINS</b>	Do you treat patients insured by Medicare?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'

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Q15	<b>OWNS1</b>	Who owns the reporting location? CHECK ONE.	N	3	1='Physician/Physician group' 2='Insurance company, health plan, or HMO' 3='Community Health Center' 4='Medical / Academic health center' 5='Other hospital' 6='Other health care corporation' 7='Other' -7='Not applicable' -9='Blank'
Q16	<b>EMEDREC</b>	Does your practice use electronic medical records? (not including billing records)	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q17.1	<b>EHRNEVER</b>	Never used an EHR (Only answered if EMEDREC=1 ['Yes'])	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='Blank'
Q17.2	<b>EHRUNDERYR</b>	Under one year any EHR system use (Only answered if EMEDREC=1 ['Yes'])	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='Blank'
Q17.3	<b>EHRUSEYRCT</b>	Estimate the approximate number of years you have used any EHR system (Only answered if EMEDREC=1 ['Yes'])	N	3	0-20='Valid range' -7='Not Applicable' -8='Box checked but no year entered' -9='Blank'
Q18	<b>HHSMU</b>	Does your current EHR system meet meaningful use criteria (certified EHR) as defined by the Department of Health and Human Services?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not Applicable' -9='Blank'
Q19a	<b>EDEMOG</b>	Does the reporting location use a computerized system to record patient history and demographic information?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'

Question number from 2017 NEHRS	Variable Name	Variable Label	C o r r e c t	Len g t h	Values for variable range and labels
Q19b	<b>EPROLST</b>	Does the reporting location use a computerized system to record patient problem lists?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19c	<b>EMEDALG</b>	Does the reporting location use a computerized system to record patients' allergies and medications?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19d	<b>EPNOTES</b>	Does the reporting location use a computerized system to record clinical notes?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19e	<b>ERESULT</b>	Does the reporting location use a computerized system to view lab results?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19f	<b>EIMGRES</b>	Does the reporting location use a computerized system to view imaging reports?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19g	<b>ECPOE</b>	Does the reporting location use a computerized system to order prescriptions?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19g1	<b>ESCRIP</b>	If computerized orders for prescriptions are included, are prescriptions sent electronically to the pharmacy?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19g2	<b>EWARN</b>	If computerized orders for prescriptions are included, are there warnings of drug interactions or contraindications provided?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'

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Q19h	<b>ECTOE</b>	Does the reporting location use a computerized system to order lab tests?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19i	<b>ERADI</b>	Does the reporting location use a computerized system to order radiology tests?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19j	<b>EREMIND</b>	Does the reporting location use a computerized system to provide reminders for guideline-based interventions or screening tests?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19k	<b>EMEDID</b>	Does the reporting location use a computerized system to reconcile lists of patient medications to identify the most accurate list?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19l	<b>ESUM</b>	Does the reporting location use a computerized system to provide patients with clinical summaries for each visit?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19m	<b>EMSG</b>	Does the reporting location use a computerized system to exchange secure messages with patients?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19n	<b>EIDPT</b>	Does the reporting location use a computerized system to identify patients due for preventive or follow-up care?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q19o	<b>EGENLIST</b>	Does the reporting location use a computerized system to provide data to generate lists of patients with particular health conditions?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'

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Q19p	<b>ECCREPO</b>	Does the reporting location use a computerized system to provide data to create reports on clinical care measures for patients with specific chronic conditions (e.g., HbA1c for diabetics)?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q20	<b>PCMH</b>	Has your reporting location been recognized as a Patient Centered Medical Home (PCMH) by a state, a commercial health plan, or a national organization?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q21	<b>ACO</b>	Does the reporting location participate in an Accountable Care Organization (ACO) arrangement with Medicare or private insurers?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q22	<b>P4P</b>	Does the reporting location participate in a Pay-for-Performance arrangement, where you can receive financial bonuses based on your performance?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q23	<b>IPAPHO</b>	Is this medical organization affiliated with an Independent Practice Association (IPA) or Physician Hospital Organization (PHO)?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q24	<b>METHSRPAP</b>	Do you <u>ONLY</u> send and receive patient health information through paper-based methods including fax, eFax, or mail?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'
Q25	<b>METHSEHRW EB</b>	Do you electronically <u>send</u> patient health information to other providers outside your medical organization using an EHR (not eFax) or a Web Portal (separate from EHR)?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" -7='Not applicable' -9='Blank'

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Q26a	<b>SEAMBOUT</b>	Do you <u>send</u> patient health information to ambulatory care providers outside your organization? Electronically does not include scanned or PDF documents from fax, eFax, or mail.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4="Not applicable (EV=-8)" -7='Not Applicable' -9='Blank'
Q26b	<b>SEHOSPU</b>	Do you <u>send</u> patient health information to hospitals unaffiliated with your organization? Electronically does not include scanned or PDF documents from fax, eFax, or mail.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4="Not applicable (EV=-8)" -7='Not Applicable' -9='Blank'
Q26c	<b>SEHOSPA</b>	Do you <u>send</u> patient health information to hospitals affiliated with your organization? Electronically does not include scanned or PDF documents from fax, eFax, or mail.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4="Not applicable (EV=-8)" -7='Not Applicable' -9='Blank'
Q26d	<b>SEBHP</b>	Do you <u>send</u> patient health information to behavioral health providers? Electronically does not include scanned or PDF documents from fax, eFax, or mail.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4="Not applicable (EV=-8)" -7='Not Applicable' -9='Blank'
Q26e	<b>SELTCP</b>	Do you <u>send</u> patient health information to long-term care providers? Electronically does not include scanned or PDF documents from fax, eFax, or mail.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4="Not applicable (EV=-8)" -7='Not Applicable' -9='Blank'

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Q27	<b>METHREHRWEB</b>	Do you <u>receive</u> patient health information from other providers outside your medical organization using EHR (not eFax) or a Web Portal (separate from EHR)?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4="Not applicable (EV=-8)" -7='Not Applicable' -9='Blank'
Q28a	<b>REAMBOUT</b>	Do you <u>receive</u> patient health information to ambulatory care providers outside your organization? Electronically does not include scanned or PDF documents from fax, eFax, or mail.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4="Not applicable (EV=-8)" -7='Not Applicable' -9='Blank'
Q28b	<b>REHOSPU</b>	Do you <u>receive</u> patient health information to hospitals unaffiliated with your organization? Electronically does not include scanned or PDF documents from fax, eFax, or mail.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4="Not applicable (EV=-8)" -7='Not Applicable' -9='Blank'
Q28c	<b>REHOSPA</b>	Do you <u>receive</u> patient health information to hospitals affiliated with your organization? Electronically does not include scanned or PDF documents from fax, eFax, or mail.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4="Not applicable (EV=-8)" -7='Not Applicable' -9='Blank'
Q28d	<b>REBHP</b>	Do you <u>receive</u> patient health information to behavioral health providers? Electronically does not include scanned or PDF documents from fax, eFax, or mail.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4="Not applicable (EV=-8)" -7='Not Applicable' -9='Blank'
Q28e	<b>RELTCP</b>	Do you <u>receive</u> patient health information to long-term care providers? Electronically does not include scanned or PDF documents from fax, eFax, or mail.	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4="Not applicable (EV=-8)" -7='Not Applicable' -9='Blank'

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Q29	<b>EUSEPHIOUT</b>	How frequently do you <u>use</u> patient health information electronically (not eFax) received from providers or sources outside your organization when treating a patient?	N	3	1='Often' 2='Sometimes' 3='Rarely' 4='Never' 5="Don't know (EV=-8)" -7='Not Applicable' -9='Blank'
Q29a	<b>REASON1</b>	If rarely or never used, please indicate the reason(s) why. Check all that apply. 1='Information not always available when needed (e.g. not timely)'	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable'
Q29a	<b>REASON2</b>	If rarely or never used, please indicate the reason(s) why. Check all that apply. 2='Do not trust accuracy of information'	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable'
Q29a	<b>REASON3</b>	If rarely or never used, please indicate the reason(s) why. Check all that apply. 3='Difficult to integrate information in EHR'	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable'
Q29a	<b>REASON4</b>	If rarely or never used, please indicate the reason(s) why. Check all that apply. 4='Information not available to view in EHR as part of clinicians' workflow '	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable'
Q29a	<b>REASONS5</b>	If rarely or never used, please indicate the reason(s) why. Check all that apply. 5='Information not useful (e.g. redundant or unnecessary information)'	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable'
Q29a	<b>REASON6</b>	If rarely or never used, please indicate the reason(s) why. Check all that apply. 6='Difficult to find necessary information'	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable'

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Q29a	<b>REASON7</b>	If rarely or never used, please indicate the reason(s) why. Check all that apply. 7= 'Other'	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable'
Q30a	<b>HMEDLIST</b>	For other providers outside of your medical organization including public health agencies, do you electronically send and receive, send only, or receive only medication lists?	N	3	1='Both send and receive electronically' 2='Send electronically only' 3='Receive electronically only' 4='Do not send or receive electronically' -7='Not Applicable' -9='Blank'
Q30b	<b>HPROLST</b>	For other providers outside of your medical organization including public health agencies, do you electronically send and receive, send only, or receive only patient problem lists?	N	3	1='Both send and receive electronically' 2='Send electronically only' 3='Receive electronically only' 4='Do not send or receive electronically' -7='Not Applicable' -9='Blank'
Q30c	<b>HMEDALG</b>	For other providers outside of your medical organization including public health agencies, do you electronically send and receive, send only, or receive only medication allergy lists?	N	3	1='Both send and receive electronically' 2='Send electronically only' 3='Receive electronically only' 4='Do not send or receive electronically' -7='Not Applicable' -9='Blank'
Q30d	<b>HIMGREP</b>	For other providers outside of your medical organization including public health agencies, do you electronically send and receive, send only, or receive only imaging reports?	N	3	1='Both send and receive electronically' 2='Send electronically only' 3='Receive electronically only' 4='Do not send or receive electronically' -7='Not Applicable' -9='Blank'

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Q30e	<b>HLABRES</b>	For other providers outside of your medical organization including public health agencies, do you electronically send and receive, send only, or receive only laboratory results?	N	3	1='Both send and receive electronically' 2='Send electronically only' 3='Receive electronically only' 4='Do not send or receive electronically' -7='Not Applicable' -9='Blank'
Q30f	<b>HREGDATA</b>	For other providers outside of your medical organization including public health agencies, do you electronically send and receive, send only, or receive only public health registry data (e.g., immunizations, cancer)?	N	3	1='Both send and receive electronically' 2='Send electronically only' 3='Receive electronically only' 4='Do not send or receive electronically' -7='Not Applicable' -9='Blank'
Q30g	<b>HREF</b>	For other providers outside of your medical organization including public health agencies, do you electronically send and receive, send only, or receive only clinical registries?	N	3	1='Both send and receive electronically' 2='Send electronically only' 3='Receive electronically only' 4='Do not send or receive electronically' -7='Not Applicable' -9='Blank'
Q30h	<b>HDISSUM</b>	For other providers outside of your medical organization including public health agencies, do you electronically send and receive, send only, or receive only hospital discharge summaries?	N	3	3='Receive electronically only' 4='Do not send or receive electronically' -7='Not Applicable' -9='Blank'
Q30i	<b>HEDNOT</b>	For other providers outside of your medical organization including public health agencies, do you electronically send and receive, send only, or receive only Emergency Department notifications?	N	3	3='Receive electronically only' 4='Do not send or receive electronically' -7='Not Applicable' -9='Blank'

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Q30j	<b>HTOCSUM</b>	For other providers outside of your medical organization including public health agencies, do you electronically send and receive, send only, or receive only summary of care records for transitions of care or referrals?	N	3	1='Both send and receive electronically' 2='Send electronically only' 3='Receive electronically only' 4='Do not send or receive electronically' -7='Not Applicable' -9='Blank'
Q30k	<b>PTGENDATA</b>	For other providers outside of your medical organization including public health agencies, do you electronically send and receive, send only, or receive only patient-generated data (e.g. data from self-monitoring devices or mobile health applications)?	N	3	3='Receive electronically only' 4='Do not send or receive electronically' -7='Not Applicable' -9='Blank'
Q31	<b>ITOCSUMDO</b>	Do you integrate summary of care records into your EHR without special effort like manual entry or scanning?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4= 'Not Applicable' -7='Not Applicable' -9='Blank'
Q32	<b>ITPHIOTH</b>	Do you integrate any other types of patient health information into your EHR without special effort like manual entry or scanning?	N	3	1='Yes' 2='No' 3="Don't know (EV=-8)" 4= 'Not Applicable' -7='Not Applicable' -9='Blank'
Q33a-c, Q34a-m		These variables are not available for analysis, as they were not asked of all applicable respondents.			

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Q35	<b>CINPOC</b>	When treating patients seen by other providers outside your medical organization, how often do you or your staff have clinical information from those outside encounters electronically available at the point of care? Electronically available does not include scanned or PDF documents.	N	3	1='Often' 2='Sometimes' 3='Rarely' 4='Never' 5='Don't know' 6='I do not see patients outside my medical organization' -7='Not Applicable' -9='Blank'
Q36	<b>RXCTRL</b>	Do you prescribe controlled substances?	N	3	1='Yes' 2='No' 3='Don't know (EV=-8)' -7='Not Applicable' -9='Blank'
Q37	<b>ERXCTRL</b>	Are prescriptions for controlled substances sent electronically to the pharmacy?	N	3	1='Yes' 2='No' 3='Don't know (EV=-8)' -7='Not Applicable' -9='Blank'
Q38	<b>SEARCHDO</b>	Do you electronically search for your patient's health information from sources outside of your medical organization (e.g., remote access to other facility, health information exchange organization)?	N	3	1='Yes' 2='No' 3='Don't know (EV=-8)' -7='Not applicable' -9='Blank'
Q39.1	<b>SEARCHTYPE1</b>	Do you electronically search for lab results outside your medical organization?	N	3	1='Yes' 2='No' -7='Not Applicable' -9='Blank'
Q39.2	<b>SEARCHTYPE2</b>	Do you electronically search for patient problem lists outside your medical organization?	N	3	1='Yes' 2='No' -7='Not Applicable' -9='Blank'
Q39.3	<b>SEARCHTYPE3</b>	Do you electronically search for imaging reports outside your medical organization?	N	3	1='Yes' 2='No' -7='Not Applicable' -9='Blank'

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Q39.4	<b>SEARCHTYPE4</b>	Do you electronically search for medication lists outside your medical organization?	N	3	1='Yes' 2='No' -7='Not Applicable' -9='Blank'
Q39.5	<b>SEARCHTYPE5</b>	Do you electronically search for medication allergy lists outside your medical organization?	N	3	1='Yes' 2='No' -7='Not Applicable' -9='Blank'
Q39.6	<b>SEARCHTYPE6</b>	Do you electronically search for discharge summaries outside your medical organization?	N	3	1='Yes' 2='No' -7='Not Applicable' -9='Blank'
Q39.7	<b>SEARCHTYPE7</b>	Do you electronically search for vaccination history outside your medical organization?	N	3	1='Yes' 2='No' -7='Not Applicable' -9='Blank'
Q39.8	<b>SEARCHTYPE8</b>	Do you electronically search for advance directives outside your medical organization?	N	3	1='Yes' 2='No' -7='Not Applicable' -9='Blank'
Q39.9	<b>SEARCHTYPE9</b>	Do you electronically search for care plans outside your medical organization?	N	3	1='Yes' 2='No' -7='Not Applicable' -9='Blank'
Q41	<b>WCOMPEMR</b>	Who completed this survey?	N	3	1='Sampled physician' 2='Office staff' 3='Other' -9='Blank'
Admin box 2	<b>COMPTYPE</b>	How survey was completed	N	3	1='Mail' 2='Telephone' 3='Web' -7='Not Applicable' -9='Blank'

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Keyed2	<b>WAVECOMP</b>	Survey was completed during which wave	N	3	1='1st mailing' 2='2nd mailing' 3='3rd mailing' 4='Survey completed over the phone' 5='Web' 6='No data for this participant' -7='Not Applicable'
Derived	<b>DISPEMR</b>	Derived final disposition of EMR Mail Survey	N	3	1='Complete (phone, mail, or web)' 2='Eligible-Refused' 3='Ineligible or out-of-scope' 4='Unlocatable' 5='Unknown Eligibility – Refusal' 6='Eligible – Partially Complete' 7='Unknown Eligibility – Partially Complete'
<b>RECODED AND CREATED VARIABLES</b>					
Recoded from SPEC	<b>SPECR</b>	Numeric specialty obtained from response to survey for inscope providers. Doctors of Osteopath dispersed throughout.	N	3	01='General/Family practice' 03='Internal Medicine' 04='Pediatrics' 05='General Surgery' 06='Obstetrics & Gynecology' 07='Orthopedic Surgery' 08='Cardiovascular Diseases' 09='Dermatology' 10='Urology' 11='Psychiatry' 12='Neurology' 13='Ophthalmology' 14='Otolaryngology' 15='Other specialties' -7='Not Applicable'
Recoded from Physician sample file	<b>MDDO</b>	Type of doctor (MD/DO) as sampled	N	3	1='MD' 2='DO'
Recoded from Physician sample file	<b>MSA</b>	Metropolitan Status (2 categories)	N	3	1='MSA' 2='non-MSA'

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Physician sample MSA. Used for weighting purposes.	<b>SAMPLEMSA</b>	Metropolitan Status (2 categories)	N	3	1='MSA' 2='non-MSA'
Recoded from Physician sample file	<b>METRSTAT</b>	Metropolitan Status (3 categories)	N	3	1='Metropolitan' 2='Micropolitan' 3='Non-metropolitan (neither)'
Created: PIIZIP and ZIPPHYS	<b>ZIPPHY</b>	Physician's zip code updated. If (PIIZIP) is not blank then use. Otherwise, use (ZIPPHYS)	C	5	'01001'-'99950'='valid range'
Recoded from SPECR & SPEC	<b>SPECCAT</b>	Physician specialty type obtained from response to survey	N	3	1='Primary care specialty' 2='Surgical specialty' 3='Medical specialty'
Recoded: MULTI1-LOCSIZE	<b>MULTIR1</b>	Recoded practice type: solo and multiple practices - using MULTI1 and LOCSIZE.	N	3	1='Single-specialty practice' 2='Multi-specialty practice' 3='Solo practice' -7='Not Applicable' -8='Uncertain'
Recoded from LOCSIZE	<b>LOCSIZCAT</b>	Size of the office with most ambulatory care patients grouped based on LOCSIZE. (Trend analysis involving grouped office size should use PRACTSIZ prior to 2013)	N	3	1='Solo practice' 2='Two physicians' 3='3 to 5 physicians' 4='6-10 physicians' 5='11+ physicians' -9='Blank'
<b>SAMPLE FILE</b>					
Physician Sample File: updated by zip if physician moved	<b>REGION</b>	Region of the Physician's interview office	N	3	1='NE' 2='NW' 3='S' 4='W'
Physician Sample File	<b>PHYSEX</b>	Sex of Physician	N	3	1='Female' 2='Male' -9='Blank'

Question number from 2017 NEHS	Variable Name	Variable Label	C o r n	Len gth	Values for variable range and labels
Physician Sample File	<b>ZIPPHYS</b>	Sample Zip Code (5 digit)	C	5	' '= 'Blank' other= 'valid entry'
Physician Sample File	<b>SAMPWGT</b>	Physician sample weight from State and doctor selection	N	8	001-999= 'valid range'
Recode from PYOB	<b>MDAGE</b>	Physician age; grouped	N	3	1= 'Under 35 years' 2= '35-44 years' 3= '45-54 years' 4= '55-64 years' 5= '65-84 years' -9= 'Blank'
Recode from PYOB	<b>PAGE50</b>	Physician age; two groups	N	3	1= 'Under 50 years' 2= '50+ years'
<b>ARF Variables</b>					
ARF-Derived	<b>ARFHYY</b>	Median household income (2013) [F13226-13]	N	6	-9= 'Blank' Other= 'Valid range'
ARF-Derived	<b>ARFPPOV</b>	Percent where income is below poverty level(2013) [F13321-13]	N	8	0.01-100.00= 'Valid range' -9= 'Blank'
ARF-Derived	<b>ARFPWNH</b>	Percent of population who is white, not Hispanic(2013) [F13926 & F13927-13]	N	8	0.01-100.00= 'Valid range' -9= 'Blank'
ARF-Derived	<b>ARFPMCAID</b>	Medicaid discharges per 1000 population(2012) [F10315-12]	N	8	0.01-999.99= 'Valid range' -9= 'Blank'
ARF-Derived	<b>ARFP65</b>	Percent of population who is 65 years and over(2013) [F14083-13]	N	8	0.01-100.00= 'Valid range' -9= 'Blank'
ARF-Derived	<b>ARFPRIMARY SA</b>	HPSA Code: Population to FTE primary care ratio (06/15) [F09787-15]	N	3	0= 'None of the county designated as shortage area' 1= 'Whole county designated as shortage area' 2= 'Part of county designated as shortage area'

Question number from 2017 NEHRS	Variable Name	Variable Label	C o r n	Len gth	Values for variable range and labels
ARF-Derived	<b>ARFMENTALS A</b>	HPSA Code: Population to FTE Mental Health (06/15) [F12492-15]	N	3	0='None of the county designated as shortage area' 1='Whole county designated as shortage area' 2='Part of county designated as shortage area'
ARF-Derived	<b>ARFGROTOT</b>	Percent change in total population 2004 to 2014	N	8	-42.91-122.75='Valid range' 999='Blank'
ARF-Derived	<b>ARFGRO65</b>	Percent change in population 65+ years, 2006 to 2013	N	8	-80.95-226.91='Valid range' 999='Blank'
<b>NCHS URBAN-RURAL FILE</b>					
URBAN-RURAL FILE	<b>URBANRU</b>	2013 NCHS urban-rural classification based on provider zip code	N	3	1='Large central metro' 2='Large fringe metro' 3='Medium metro' 4='Small metro' 5='Micropolitan (nonmetro)' 6='Noncore (nonmetro)' -9='Missing data'
<b>SUDAAN VARIABLES</b>					
Sample=PH YID	<b>PROVIDE</b>	Provider Code	N	5	80002-90294='Valid range'
Derived	<b>YEAR</b>	Survey year	N	4	2017='Valid range'
Derived	<b>SUBFILE</b>	Survey identifier	N	3	1='NEHRS'
Derived	<b>STATE</b>	State where the physician was sampled.	N	8	1-2, 4-6, 8-13, 15-42, 44-51, 53-56='Valid range'
Derived	<b>POPDOC</b>	Estimated number of NAMCS eligible physicians in STATE	N	8	1-9999999='Valid range'
Derived	<b>MAILWGT</b>	Rounded adjusted ration adjusted doctor weight (responding doctors)	N	6	0='Out of scope of refused doctors' 1-999999='Responding doctors'