

Question number from 2013 NEHRS	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
	PHYID	Physician ID	N	5	80000-90302='Valid range for live data collection'
Q1	SPECVER	Verification of physician specialty	N	3	1='Yes' 2='No' -9='Blank'
Q1	PIISPEC	Updated specialty code.	C	3	Other='Valid range' '-9'='No entry made'
Q2	AMBCARE	Care for ambulatory patients.	N	3	1='Yes' 2="No, doesn't give direct care" 3='No, no longer in practice' -9='Blank'
Q3	NOPATSEN	Number of weeks not seeing patients.	N	3	0-52='valid range' -9='Blank'
Q4	NUMLOC	Number of office locations that patients are seen in a normal week	N	3	00-20='valid range' -9='Blank'
Q5	ESTVIS	During last normal week of practice, how many patient visits at all locations?	N	3	000-999='valid range' -9='Blank'
Q6(1)	INSETTING1	Private solo or group.	N	3	0='Box is not marked' 1='Box is marked'
Q6(2)	INSETTING2	Freestanding clinic/'urgicenter.	N	3	0='Box is not marked' 1='Box is marked'
Q6(3)	INSETTING3	Community Health Center (e.g., FQHC or look alikes).	N	3	0='Box is not marked' 1='Box is marked'
Q6(4)	INSETTING4	Mental health center.	N	3	0='Box is not marked' 1='Box is marked'
Q6(5)	INSETTING5	Non-federal Government clinic.	N	3	0='Box is not marked' 1='Box is marked'
Q6(6)	INSETTING6	Family planning clinic.	N	3	0='Box is not marked' 1='Box is marked'
Q6(7)	INSETTING7	HMO or other prepaid practice.	N	3	0='Box is not marked' 1='Box is marked'
Q6(8)	INSETTING8	Faculty practice plan.	N	3	0='Box is not marked' 1='Box is marked'
Q6(9)	INSETTING9	Hospital emergency department	N	3	0='Box is not marked' 1='Box is marked'
Q6(10)	INSETTING10	None of the above	N	3	0='Box is not marked' 1='Box is marked'
Q7	SETTING	Among settings checked in 6, the office setting with the most ambulatory care visits.	N	3	1-8='Valid range' -9='Blank'
Q8	PHYCNTY	What is the county of the office that has the most ambulatory care visits?	C	50	Other='Entry made' '-9'='Blank'

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Q8	PIIST	What is the state of the office that has the most ambulatory care visits?	C	3	Other='Entry made' '-9'='Blank'
Q8	PIIZIP	What is the zipcode of the office that has the most ambulatory care visits?	C	5	'01001'-'99950'='Valid range' '-9'='Blank'
Q8	PIIPHONE	What is the phone number of the office that has the most ambulatory care visits?	C	10	Other='Entry made' '-9'='Blank'
Q9	ESTVIS1	Estimated number of visits last week for the office that has the most ambulatory care visits.	N	3	000-999='valid range' -9='Blank'
Q10	LOCSIZE	Number of physicians (including you) working at the reporting location. (Trend analysis involving office size should use SIZE prior to 2013)	N	3	1-99='Valid range' -9='Blank'
Q10a	PSIZECAT	Number of physicians 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' -9='Blank'
Edited	PSIZEFL	Was PSIZECAT edited based on LOCSIZE?	N	3	0=' Not edited' 1=' Edited'
Q11	MULTI1	Is this location a multi- or single-specialty group practice for the office that has the most ambulatory care visits?	N	3	1='Multi' 2='Single' -9='Blank'
Q12	MIDLEVP1	How many mid-level providers are at this office that has the most ambulatory care visits?	N	3	00-99='Valid range' -9='Blank'
Q13	ACEPTNEW	Are you currently accepting new patients?	N	3	1='Yes' 2='No' -8='Unknown' -9='Blank'
Q13a1	CAPITATE	Type of payment accepted - Capitated Private Insurance.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'

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Q13a2	NOCAP	Type of payment accepted - Noncapitated Private Insurance.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
	PRIVATE	Type of payment accepted - Private Insurance.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q13a3	NMEDCARE	Type of payment accepted – Medicare.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q13a4	NMEDCAID	Type of payment accepted - Medicaid.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q13a5	NWORKCMP	Type of payment accepted - Worker's compensation.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q13a6	NSELPAY	Type of payment accepted - Self-pay.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q13a7	NNOCHRG	Type of payment accepted - No charge.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q14	EBILLREC	Does your practice submit claims electronically?	N	3	1='Yes, all electronic' 2='No' -8='Unknown' -9='Blank'

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Q15	EMEDREC	Does your practice use electronic medical records? (not including billing records)	N	3	1='Yes, all electronic' 2='Yes, part paper and part electronic' 3='No' -8='Unknown' -9='Blank'
Q15a	EHRINSYR	Which year did you install your EMR/EHR system	N	4	1970-2013='Valid range' -7= Not Applicable -9 ='Blank'
Q15b	HHSMU	Does your current system meet meaningful use criteria as defined by the Department of Health and Human Services?	N	3	1='Yes' 2='No' -8='Unknown' -7= 'Not Applicable' -9='Blank'
Q15c	EHRNAM13	What is the name of your current EMR/EHR system?	N	3	1='Allscripts' 2='Amazing Charts' 3='athenahealth' 4='Cerner' 5='eClinicalWorks' 6='e-MD' 7='Epic' 8='GE/Centricity' 9='Greenway Medical' 10='Mckesson/Practice Partner' 11= 'NextGen' 12='Practice Fusion' 13='Sage/ Vitera' 14='Other' 15='Unknown' (EV=-8) 16='Three or more boxes checked' -7= 'Not Applicable' -9='Blank'
Q15c	EHRNAMOTH	What is the name of your current EMR/EHR system?	C	30	Other='Entry made' -7= Not Applicable
Q16	EMRINS	Are there plans for installing a new EMR/EHR within the next 18 months?	N	3	1='Yes' 2='No' 3='Maybe' -8='Unknown' -9='Blank'

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Q17	MUINC	Are there plans to apply for Medicare or Medicaid incentive payments for meaningful use of Health IT?	N	3	1='Yes, we already applied' 2='Yes, we intend to apply' 3='Uncertain if we will apply' 4='No, we will not apply' -9='Blank'
Q17a	MUYEAR	When did you first apply or when do you first intend to apply?	N	3	1='2011' 2='2012' 3='2013' 4='2014 or later' 5='Unknown' (EV=-8) 6='More than one box checked' -7= 'Not Applicable' -9='Blank'
Q18 VARIABLES END WITH "R" WERE RECODED TO MATCH 2009 EMR VARIABLES.					
(Analysis across years should use the variable ending with R)					
Q18a	EDEMOG	Does the reporting location have this computerized capability: recording patient demographic information? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18a	EDEMOGR	Does the reporting location have this computerized capability: recording patient demographic information? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18a1	EPROLST	If computerized patient demographic information are included does it include patient problem lists? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -7= 'Not Applicable' -9='Blank'
Q18a1	EPROLSTR	If computerized patient demographic information are included does it include patient problem lists? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -7= 'Not Applicable' -9='Blank'

Question number from 2013 NEHRS	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Q18b	EVITAL	Does the reporting location have a computerized system for recording and charting vital signs? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18b	EVITALR	Does the reporting location have a computerized system for recording and charting vital signs? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18c	ESMOKE	Does the reporting location have a computerized system for recording patient smoking status? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18c	ESMOKER	Does the reporting location have a computerized system for recording patient smoking status? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18d	EPNOTES	Does the reporting location have this computerized capability: recording clinical notes? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18d	EPNOTESR	Does your practice have this computerized capability: recording clinical notes? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18d1	EMEDALG	If clinical notes are included, do they include a list of patient's medications and allergies? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -7= 'Not Applicable' -9='Blank'

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Q18d1	EMEDALGR	If clinical notes are included, do they include a list of patient's medications and allergies? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -7= 'Not Applicable' -9='Blank'
Q18e	EMEDID	Does the reporting location have a computerized system for computerized orders for reconciling lists of patient medications to identify the most accurate list?	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18e	EMEDIDR	Does the reporting location have a computerized system for computerized orders for reconciling lists of patient medications to identify the most accurate list? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18f	ECPOE	Does the reporting location have this computerized capability: ordering prescriptions? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18f	ECPOER	Does the reporting location have this computerized capability: ordering prescriptions? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18f1	ESCRIP	If computerized orders for prescriptions are included, are prescriptions sent electronically to the pharmacy? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -7= 'Not Applicable' -9='Blank'

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Q18f1	ESCRIPR	If computerized orders for prescriptions are included, are prescriptions sent electronically to the pharmacy? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -7= 'Not Applicable' -9='Blank'
Q18f2	EWARN	If computerized orders for prescriptions are included, are there warnings of drug interactions or contraindications provided? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -7= 'Not Applicable' -9='Blank'
Q18f2	EWARNR	If computerized orders for prescriptions are included, are there warnings of drug interactions or contraindications provided? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -7= 'Not Applicable' -9='Blank'
Q18g	EREMIND	Does the reporting location have this computerized capability: providing reminders for guideline-based interventions and/or screening tests? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18g	EREMINDR	Does the reporting location have this computerized capability: providing reminders for guideline-based interventions and/or screening tests? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18h	ECTOE	Does the reporting location have this computerized capability: ordering lab tests? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'

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Q18h	ECTOER	Does the reporting location have this computerized capability: ordering lab tests? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18h1	EORDER	If computerized orders for tests are included, are orders sent electronically? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -7= 'Not Applicable' -9='Blank'
Q18h1	EORDERR	If computerized orders for tests are included, are orders sent electronically? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -7= 'Not Applicable' -9='Blank'
Q18i	ERESULT	Does the reporting location have this computerized capability: viewing lab results? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18i	ERESULTR	Does the reporting location have this computerized capability: viewing lab results? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18i1	EGRAPH	If the reporting location has a computerized system for viewing lab results, can the EHR/EMR automatically graph a specific patient's lab results over time? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -7= 'Not Applicable' -9='Blank'

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Q18i1	EGRAPHR	If the reporting location has a computerized system for viewing lab results, can the EHR/EMR automatically graph a specific patient's lab results over time? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -7= 'Not Applicable' -9='Blank'
Q18j	EIMGRES	Does the reporting location have this computerized capability: viewing imaging results? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18j	EIMGRESR	Does the reporting location have this computerized capability: viewing imaging results? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18k	EPTEDU	Does the reporting location have a computerized system for identifying educational resources for patients' specific conditions?	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18k	EPTEDUR	Does the reporting location have a computerized system for identifying educational resources for patients' specific conditions? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18l	ECQM	Does the reporting location have a computerized system for reporting clinical quality measures to federal or state agencies? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18l	ECQMR	Does the reporting location have a computerized system for reporting clinical quality measures to federal or state agencies? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'

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Q18m	EGENLIST	Does the reporting location have a computerized system for generating lists of patients with particular health conditions? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18m	EGENLISTR	Does the reporting location have a computerized system for generating lists of patients with particular health conditions? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18n	EIMMREG	Does the reporting location have this computerized capability: electronic reporting to immunization registries? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'
Q18n	EIMMREGR	Does the reporting location have this computerized capability: electronic reporting to immunization registries? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18o	ESUM	Does the reporting location have this computerized capability: providing patients with clinical summaries for each visit? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown'
Q18o	ESUMR	Does the reporting location have this computerized capability: providing patients with clinical summaries for each visit? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18p	EMSG	Does the reporting location have a computerized system for exchanging secure messages with patients? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4= 'No' -8= 'Unknown' -9='Blank'

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Q18p	EMSGR	Does the reporting location have a computerized system for exchanging secure messages with patients? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18q	EHLTHINFO	Does the reporting location have a computerized system for providing patients with an electronic copy of their health information? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4='No' -8='Unknown' -9='Blank'
Q18q	EHLTHINFOR	Does the reporting location have a computerized system for providing patients with an electronic copy of their health information? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18r	EPTREC	Does the reporting location have a computerized system for providing patients the ability to review online, download or transmit information from their medical record? (Analysis across years should use the variable ending with "R")	N	3	1='Yes, used routinely' 2='Yes, but not used routinely' 3='Yes, but turned off or not used' 4='No' -8='Unknown' -9='Blank'
Q18r	EPTRECR	Does the reporting location have a computerized system for providing patients the ability to review online, download or transmit information from their medical record? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q19	ESHARE	Do you share any patient health information electronically with other providers?	N	3	1='Yes' 2='No' -9='Blank'
Q19a1	ESHAREEHR	Electronically share patient health information through EHR/EMR	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 19a'
Q19a2	ESHAREWEB	Electronically share patient health information through web portal	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 19a'

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Q19a3	ESHAREOTH	Electronically share patient health information through other electronic method	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 19a'
Q19a3	ESHAREOTHW	What is other electronic method?	C	30	Other='Entry made' -7= 'Not Applicable'
Q20a1	LABRES1	Share lab results electronically with hospitals with which you are affiliated	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20a'
Q20a2	LABRES2	Share lab results electronically with ambulatory providers inside your office/group	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20a'
Q20a3	LABRES3	Share lab results electronically with hospitals with which you are not affiliated	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20a'
Q20a4	LABRES4	Share lab results electronically with ambulatory providers outside your office/group	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20a'
Q20b1	IMAGREP1	Share imaging reports electronically with hospitals with which you are affiliated	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20b'
Q20b2	IMAGREP2	Share imaging reports electronically with ambulatory providers inside your office/group	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20b'
Q20b3	IMAGREP3	Share imaging reports electronically with hospitals with which you are not affiliated	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20b'
Q20b4	IMAGREP4	Share imaging reports electronically with ambulatory providers outside your office/group	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20b'

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Q20c1	PTPROB1	Share patient problem lists electronically with hospitals with which you are affiliated	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20c'
Q20c2	PTPROB2	Share patient problem lists electronically with ambulatory providers inside your office/group	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20c'
Q20c3	PTPROB3	Share patient problem lists electronically with hospitals with which you are not affiliated	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20c'
Q20c4	PTPROB4	Share patient problem lists electronically with ambulatory providers outside your office/group	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20c'
Q20d1	MEDLIST1	Share medication lists electronically with hospitals with which you are affiliated	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20d'
Q20d2	MEDLIST2	Share medication lists electronically with ambulatory providers inside your office/group	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20d'
Q20d3	MEDLIST3	Share medication lists electronically with hospitals with which you are not affiliated	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20d'
Q20d4	MEDLIST4	Share medication lists electronically with ambulatory providers outside your office/group	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20d'
Q20e1	ALGLIST1	Share medication allergy lists electronically with hospitals with which you are affiliated	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20e'
Q20e2	ALGLIST2	Share medication allergy lists electronically with ambulatory providers inside your office/group	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20e'

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Q20e3	ALGLIST3	Share medication allergy lists electronically with hospitals with which you are not affiliated	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20e'
Q20e4	ALGLIST4	Share medication allergy lists electronically with ambulatory providers outside your office/group	N	3	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for Item 20e'
Q20f	SUMREC	Do you share any of the above types of information using a summary care record?	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q21	REFOUT	Do you refer any of your patients to providers outside of your office or group?	N	3	1='Yes' 2='No' -9='Blank'
Q21a	REFOUTR	Do you receive a report back from the other provider with results of the consultation?	N	3	1='Yes, routinely' 2='Yes, but not routinely' 3='No' -7='Not Applicable' -9='Blank'
Q21a	REFOUTRR	Do you receive a report back from the other provider with results of the consultation? (recoded due to editing)	N	3	1='Yes, routinely or not routinely' 2='No' -7='Not Applicable' -9='Blank'
Q21b	REFOUTE	Do you receive it electronically?	N	3	1='Yes, routinely' 2='Yes, but not routinely' 3='No' -7='Not Applicable' -9='Blank'
Q22	REFIN	Do you see a patient referred to you by a provider outside of your office or group?	N	3	1='Yes' 2='No' -9='Blank'
Q22a	REFINR	Do you receive notification of both the patient's history and reason for consultation?	N	3	1='Yes, routinely' 2='Yes, but not routinely' 3='No' -7='Not Applicable' -9='Blank'

Question number from 2013 NEHRs	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Q22a	REFINRR	Do you receive notification of both the patient's history and reason for consultation? (recoded due to editing)	N	3	1='Yes, routinely or not routinely' 2='No' -7='Not Applicable' -9='Blank'
Q22b	REFINE	Do you receive them electronically?	N	3	1='Yes, routinely' 2='Yes, but not routinely' 3='No' -7='Not Applicable' -9='Blank'
Q23	INPTCARE	Do you take care of patients after they are discharged from an inpatient setting?	N	3	1='Yes' 2='No' -9='Blank'
Q23a	INPTCARER	Do you receive all of the information you need to continue managing the patient?	N	3	1='Yes, routinely' 2='Yes, but not routinely' 3='No' -7='Not Applicable' -9='Blank'
Q23a	INPTCARERR	Do you receive all of the information you need to continue managing the patient? (recoded due to editing)	N	3	1='Yes, routinely or not routinely' 2='No' -7='Not Applicable' -9='Blank'
Q23b	INPTCARET	Is the information timely available when needed?	N	3	1='Yes, routinely' 2='Yes, but not routinely' 3='No' -7='Not Applicable' -9='Blank'
Q23c	INPTCAREE	Do you receive it electronically?	N	3	1='Yes, routinely' 2='Yes, but not routinely' 3='No' -7='Not Applicable' -9='Blank'

Question number from 2013 NEHRs	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Q24	OWNS1	Who owns the practice for the office that has the most ambulatory care visits?	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' -9='Blank'
Q25	PCTMCAID	What percent of your patients are insured by Medicaid?	N	3	0-100='Valid range' -9='Blank'
Q26	MCAREINS	Do you treat patients insured by Medicare?	N	3	1='Yes' 2='No' 3='Unknown' (EV = -8) -9='Blank'
Q27	WCOMPEMR	Who completed the form?	N	3	1='Sampled physician' 2='Office staff' 3='Other' -9='Blank'
Keyed	DATECOMP	Date Survey was either completed over the phone or returned to SRA	C	10	01/01/2013-12/31/2013='Valid range'
Keyed	COMPTYPE	How survey was completed	N	3	1='Mail' 2='Telephone' -7='Not applicable' -9='Blank'
Keyed	CAPTURBY	Initials of the staff member who edited the survey	C	3	'-9'='Blank' Other='Entry made'
Keyed	EDITEDBY	Initials of the staff member who edited the survey	C	3	'-9'='Blank' Other='Entry made'
Keyed	STATUSDT	Date the DISPEMR status was assigned	C	10	01/01/2013-12/31/2013='Valid range'
Keyed	WAVECOMP	Survey was completed during which wave	N	3	1='Wave 1' 2='Wave 2' 3='Wave 3' 4='Wave 4/Survey completed over the phone' 5='There is no data for this respondent'

Question number from 2013 NEHRs	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Keyed	FINSTAT	Disposition of EMR Mail Survey	N	3	1='Complete via Mail' 2='Complete via Phone' 3= 'Eligible - Partial via Phone' 4= 'Eligible - Partial via Mail' 5= 'Eligible - Written Refusal' 6= 'Eligible - Verbal Refusal – MD' 7= 'Eligible - Verbal Refusal – Other' 8= 'Ineligible - No longer in practice' 9= 'Ineligible - No ambulatory patients' 10= 'Ineligible - Out-of-scope setting' 11= 'Ineligible - Deceased' 12= 'Unknown Eligibility - Unlocatable' 13='Unlocatable - CutOffDate' 14='Unknown Eligibility - Written Refusal' 15='Unknown Eligibility - Verbal Refusal – MD' 16='Unknown Eligibility - Verbal Refusal – Other' 17='Unknown Eligibility - Partial via Phone' 18='Unknown Eligibility - Partial via Mail' 19='Unknown Eligibility - Contact Information Confirmed (soft refusal)' Note: Eligible means Q2=1 and Q8=1-8.
Derived	DISPEMR	Derived final disposition of EMR Mail Survey	N	3	1='Complete (phone or mail)' 2='Eligible-Refused' 3='Ineligible or out-of-scope' 4='Unlocatable' 5='Unknown Eligibility – Refusal' 6='Eligible – Partially Complete' 7='Unknown Eligibility – Partially Complete'
Keyed	KeyedBy	Initials of the staff member who performed the first key of the survey	C	3	'-9'='Blank' Other='Entry made'
Keyed	RekeyedBy	Initials of the staff member who performed the second key of the survey	C	3	'-9'='Blank' Other='Entry made'
Keyed	AdjudicatedBy	Initials of the staff member who performed the Adjudication of the survey	C	3	'-9'='Blank' Other='Entry made'

Question number from 2013 NEHRs	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Derived	PEN	Indicator if this participant was sent a pen in their survey	N	3	1 = No pen included 2 = Pen sent at first mailing 3 = Pen sent at third mailing 4 = Pen sent at first and third mailing
RECODED AND CREATED VARIABLES					
Recoded: SAMPSPEC updated by PIISPEC	SPEC	3 character specialty obtained from response to survey.	C	3	' '= 'Blank' other= 'valid range'
Recoded from SPEC	PROSTRUP	Numeric specialty obtained from response to survey for inscope providers. Doctors of Osteopath are in their own stratum.	N	3	01='General/Family practice' 02='DO' 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'
Recoded from SPEC	SPECR	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'

Question number from 2013 NEHRs	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Recoded from SPEC	SPECRDET	Numeric specialty group obtained from response to survey, with one decimal place. Integer represents the specialty group, decimal represents the speccat category. Doctors of Osteopath dispersed throughout	N	3	1.1='General/Family practice-primary care' 3.1='Internal medicine-primary care' 4.1='Pediatrics-primary care' 4.3='Pediatrics-medical' 5.2='General surgery-surgical' 6.1='Obstetrics & Gynecology-primary' care 6.2='Obstetrics & Gynecology-surgical' 7.2='Orthopedic Surgery-surgical' 8.3='Cardiovascular Diseases-medical' 9.3='Dermatology-medical' 10.2='Urology-surgical' 11.3='Psychiatry-medical' 12.3='Neurology-medical' 13.2='Ophthalmology-surgical' 14.2='Otolaryngology-surgical' 15.2='Other specialties-surgical' 15.3='Other specialties-medical'
Created: ZIPPHY	FIPSCNY	New County FIPS code	C	3	'000'-'999'='valid range'
Created: ZIPPHY	FIPSST	New State Fips code=physician's updated zip code obtained from response to survey	C	3	'00'-'56'='valid range'
Recoded from Physician sample file	MDDO	Type of doctor (MD/DO) as sampled.	N	3	1='MD' 2='DO'
Recoded from Physician sample file	MSA	Metropolitan Status (2 categories)	N	3	1='MSA' 2='non-MSA'
Recoded from Physician sample file	METRSTAT	Metropolitan Status (3 categories)	N	3	1='Metropolitan' 2='Micropolitan' 3='Non-metropolitan (neither)'
Created: PIIZIP and ZIPPHYS	ZIPPHY	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	SPECCAT	Physician specialty type obtained from response to survey	N	3	1='Primary care specialty' 2='Surgical specialty' 3='Medical specialty'
Recoded: SOLO1 MULTI1	MULTIR1	Recoded Solo and Multi variables	N	3	1='Single-specialty practice' 2='Multi-specialty practice' 3='Solo practice' -8='Unknown'

Question number from 2013 NEHRs	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Recode of DISPEMR	DISPEMRR	Update of DISPEMR	N	3	1='Complete (phone or mail)' 2='Eligible-Refused' 3='Ineligible or out-of-scope' 4='Unlocatable' 5='Unknown Eligibility – Refusal' 6='Eligible – Partially Complete' 7='Unknown Eligibility – Partially Complete'
Recode of FINSTAT	FINSTATR	Update of FINSTAT	N	3	1='Eligible - Complete via Mail' 2='Eligible - Complete via Phone' 3='Eligible - Partial via Phone' 4='Eligible - Partial via Mail' 5='Eligible - Written Refusal' 6='Eligible - Verbal Refusal – MD' 7='Eligible - Verbal Refusal – Other' 8='Ineligible - No longer in practice' 9='Ineligible - No ambulatory patients' 10='Ineligible - Out-of-scope setting' 11='Ineligible - Deceased' 12='Unknown Eligibility - Unlocatable' 13='Unlocatable - CutOffDate' 14='Unknown Eligibility - Written Refusal' 15='Unknown Eligibility - Verbal Refusal – MD' 16='Unknown Eligibility - Verbal Refusal – Other' 17='Unknown Eligibility - Partial via Phone' 18='Unknown Eligibility - Partial via Mail' 19='Unknown Eligibility - Contact Information Confirmed (soft refusal)' Note: Eligible means Q2=1 and Q8=1-8.
Recoded from LOCSIZE	LOCSIZCAT	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'
SAMPLE FILE					
Physician Sample File	SAMPSPEC	Specialty (3 letter code) at time of sampling. DO's not separated.	C	3	' '='Blank' other='valid entry'

Question number from 2013 NEHRs	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Recoded from SAMPSPEC	SPECRDETS	Numeric specialty group at time of sampling, with one decimal place. Integer represents the specialty group, decimal represents the speccat category. Doctors of Osteopath are in their own stratum.	N	3	1.1='General/Family practice-primary care' 2.1='Doctors of Osteopath-primary care' 2.2='Doctors of Osteopath-surgical' 2.3='Doctors of Osteopath-medical' 3.1='Internal medicine-primary care' 4.1='Pediatrics-primary care' 4.3='Pediatrics-medical' 5.2='General surgery-surgical' 6.1='Obstetrics & Gynecology-primary care' 6.2='Obstetrics & Gynecology-surgical' 7.2='Orthopedic Surgery-surgical' 8.3='Cardiovascular Diseases-medical' 9.3='Dermatology-medical' 10.2='Urology-surgical' 11.3='Psychiatry-medical' 12.3='Neurology-medical' 13.2='Ophthalmology-surgical' 14.2='Otolaryngology-surgical' 15.2='Other specialties-surgical' 15.3='Other specialties-medical'
Physician Sample File	REGIONS	Region of the Physician's sampled office.	N	3	1='NE' 2='MW' 3='S' 4='W'
Physician Sample File; updated by zip if physician moved	REGION	Region of the Physicians Interview office	N	3	1='NE' 2='MW' 3='S' 4='W'
Physician Sample File	PHYSEX	Sex of Physician	N	3	1='Female' 2='Male' -9='Blank'
Physician Sample File	FIPSSTS	FIPS Code for state where physician was sampled	C	3	'01'-'56'='valid range'
Physician Sample File	FIPSCNYS	Physician's county FIPS Code	C	3	'000'-'999'='valid range'
Physician Sample File	ZIPPHYS	Sample Zip Code (5 digit)	C	5	' ' = 'Blank' other='valid entry'
Physician Sample File	SAMPWGT	Physician sample weight from State and doctor selection	N	8	001-999='valid range'

Question number from 2013 NEHRS	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Physician Sample File	PRACTYPE	Type of practice	C	3	'020'='AMA-Direct patient care' '040'='AOA-Direct patient care' '100'='AMA-Unknown/missing' -9='Blank'
Physician Sample File	PRIMEMP	Primary present employment	N	3	11='AMA-Self-emp, solo prac' 13='AMA-Two phy. prac' 20='AOA-Office prac. solo' 21='AMA-Oth pat care/AOA-Off prac. partnp' 22='AOA-Office prac group' 23='AOA-Offc prac ofc employee' 30='AMA-Grp prac/AOA-Off prac HMO staff' 31='AOA-Office prac. walk-in clinic' 35='AMA-HMO' 40='AMA-Medical school' 64='AMA-County/Cty/State, not hosp.' 97='AOA-other office or clinic practice' 110='AMA-No classification' 200='Sampled CHC' -9='Blank'
Physician Sample File	MAJPRACT	Major professional activity	C	3	'-9'='Blank' 'PO'='Office based' 'CHC'='Sampled CHC'
Physician Sample File	PYOB	Physician year of birth	N	4	1929-1985='valid range' -9='Blank'
Recode from PYOB	MDAGE	Physician age; grouped	N	3	1='Under 35 years' 2='35-44 years' 3='45-54 years' 4='55-64 years' 5='65 years and over' -9='Blank'
Separated file	NPI	National Provider Index for physician	C	10	10 digit number -9=Blank
.		ARF VARIABLES			
ARF-Derived	ARFHYY	Median household income (2011) [F13226-11]	N	6	-9='Blank' Other='Valid range'
ARF-Derived	ARFPPOV	Percent where income is below poverty level(2011) [F13321-11]	N	8	0.01-100.00='Valid range' -9='Blank'

Question number from 2013 NEHRS	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
ARF-Derived	ARFPWNH	Percent of popn who is white, not Hispanic(2011) [F13926 & F13927-11]	N	8	0.01-100.00='Valid range' -9='Blank'
ARF-Derived	ARFPMCAID	Medicaid discharges per 1000 population(2010) [F10315-10]	N	8	0.01-999.99='Valid range' -9='Blank'
ARF-Derived	ARFP65	Percent of popn who is 65 years and over(2011)[F14083-11]	N	8	0.01-100.00='Valid range' -9='Blank'
ARF-Derived	ARFPRIMARYSA	HPSA Code; Population to FTE primary care ratio (12/12) [F09787-12]	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	ARFMENTALSA	HPSA Code; Population to FTE Mental Health (12/08) [F12492-12]	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	ARFGROTOT	Percent change in total population 2001 to 2011	N	8	-42.91-122.75='Valid range' 999='Blank'
ARF-Derived	ARFGRO65	Percent change in population 65+ years, 2001 to 2011	N	8	-80.95-226.91='Valid range' 999='Blank'
		NCHS URBAN-RURAL FILE			
URBAN-RURAL FILE	URBANRU	2007 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'
SUDAAN VARIABLES					
Sample=PHYID	PROVIDE	Provider code.	N	4	80000-90302='Valid range'
Derived	YEAR	Survey year	N	4	2013='Year: 2013'
Derived	SUBFILE	Survey identifier	N	3	1='NAMCS'
Derived	STATE	State where the physician was sampled	N	3	Numeric physician's state FIPS Code 1-2, 4-6, 8-13, 15-42, 44-51, 53-56='Valid range'
Derived	POPDOC	Estimated number of NAMCS eligible physicians in STATE	N	8	1-99999999='Valid range'

Question number from 2013 NEHS	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Derived	MAILWGT	Rounded adjusted ratio adjusted doctor weight (responding doctors)	N	6	0='Out of scope or refused doctors' 1-999999='Responding doctors'