

Question number from 2013 NEHRS	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
	<b>PHYID</b>	Physician ID	N	5	80000-90302='Valid range for live data collection'
Q1	<b>SPECVER</b>	Verification of physician specialty	N	3	1='Yes' 2='No' -9='Blank'
Q1	<b>PIISPEC</b>	Updated specialty code.	C	3	Other='Valid range' '-9'='No entry made'
Q2	<b>AMBCARE</b>	Care for ambulatory patients.	N	3	1='Yes' 2="No, doesn't give direct care" 3='No, no longer in practice' -9='Blank'
Q3	<b>NOPATSEN</b>	Number of weeks not seeing patients.	N	3	0-52='valid range' -9='Blank'
Q4	<b>NUMLOC</b>	Number of office locations that patients are seen in a normal week	N	3	00-20='valid range' -9='Blank'
Q5	<b>ESTVIS</b>	During last normal week of practice, how many patient visits at all locations?	N	3	000-999='valid range' -9='Blank'
Q6(1)	<b>INSETTING1</b>	Private solo or group.	N	3	0='Box is not marked' 1='Box is marked'
Q6(2)	<b>INSETTING2</b>	Freestanding clinic/'urgicenter.	N	3	0='Box is not marked' 1='Box is marked'
Q6(3)	<b>INSETTING3</b>	Community Health Center (e.g., FQHC or look alikes).	N	3	0='Box is not marked' 1='Box is marked'
Q6(4)	<b>INSETTING4</b>	Mental health center.	N	3	0='Box is not marked' 1='Box is marked'
Q6(5)	<b>INSETTING5</b>	Non-federal Government clinic.	N	3	0='Box is not marked' 1='Box is marked'
Q6(6)	<b>INSETTING6</b>	Family planning clinic.	N	3	0='Box is not marked' 1='Box is marked'
Q6(7)	<b>INSETTING7</b>	HMO or other prepaid practice.	N	3	0='Box is not marked' 1='Box is marked'
Q6(8)	<b>INSETTING8</b>	Faculty practice plan.	N	3	0='Box is not marked' 1='Box is marked'
Q6(9)	<b>INSETTING9</b>	Hospital emergency department	N	3	0='Box is not marked' 1='Box is marked'
Q6(10)	<b>INSETTING10</b>	None of the above	N	3	0='Box is not marked' 1='Box is marked'
Q7	<b>SETTING</b>	Among settings checked in 6, the office setting with the most ambulatory care visits.	N	3	1-8='Valid range' -9='Blank'
Q8	<b>PHYCNTY</b>	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	<b>NOCAP</b>	Type of payment accepted - Noncapitated Private Insurance.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
	<b>PRIVATE</b>	Type of payment accepted - Private Insurance.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q13a3	<b>NMEDCARE</b>	Type of payment accepted – Medicare.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q13a4	<b>NMEDCAID</b>	Type of payment accepted - Medicaid.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q13a5	<b>NWORKCMP</b>	Type of payment accepted - Worker's compensation.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q13a6	<b>NSELPAY</b>	Type of payment accepted - Self-pay.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q13a7	<b>NNOCHRG</b>	Type of payment accepted - No charge.	N	3	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q14	<b>EBILLREC</b>	Does your practice submit claims electronically?	N	3	1='Yes, all electronic' 2='No' -8='Unknown' -9='Blank'

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Q15	<b>EMEDREC</b>	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	<b>EHRINSYR</b>	Which year did you install your EMR/EHR system	N	4	1970-2013='Valid range' -7= Not Applicable -9 ='Blank'
Q15b	<b>HHSMU</b>	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	<b>EHRNAM13</b>	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	<b>EHRNAMOTH</b>	What is the name of your current EMR/EHR system?	C	30	Other='Entry made' -7= Not Applicable
Q16	<b>EMRINS</b>	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	<b>MUINC</b>	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	<b>MUYEAR</b>	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'
<b>Q18 VARIABLES END WITH "R" WERE RECODED TO MATCH 2009 EMR VARIABLES.</b>					
<b>(Analysis across years should use the variable ending with R)</b>					
Q18a	<b>EDEMOG</b>	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	<b>EDEMOGR</b>	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	<b>EPROLST</b>	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	<b>EPROLSTR</b>	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'

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Q18b	<b>EVITAL</b>	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	<b>EVITALR</b>	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	<b>ESMOKE</b>	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	<b>ESMOKER</b>	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	<b>EPNOTES</b>	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	<b>EPNOTESR</b>	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	<b>EMEDALG</b>	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	<b>EMEDALGR</b>	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	<b>EMEDID</b>	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	<b>EMEDIDR</b>	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	<b>ECPOE</b>	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	<b>ECPOER</b>	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	<b>ESCRIP</b>	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	<b>ESCRIPR</b>	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	<b>EWARN</b>	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	<b>EWARNR</b>	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	<b>EREMIND</b>	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	<b>EREMINDR</b>	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	<b>ECTOE</b>	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	<b>ECTOER</b>	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	<b>EORDER</b>	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	<b>EORDERR</b>	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	<b>ERESULT</b>	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	<b>ERESULTR</b>	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	<b>EGRAPH</b>	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	<b>EGRAPHR</b>	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	<b>EIMGRES</b>	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	<b>EIMGRESR</b>	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	<b>EPTEDU</b>	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	<b>EPTEDUR</b>	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	<b>ECQM</b>	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	<b>ECQMR</b>	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	<b>EGENLIST</b>	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	<b>EGENLISTR</b>	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	<b>EIMMREG</b>	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	<b>EIMMREGR</b>	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	<b>ESUM</b>	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	<b>ESUMR</b>	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	<b>EMSG</b>	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	<b>EMSGR</b>	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	<b>EHLTHINFO</b>	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	<b>EHLTHINFOR</b>	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	<b>EPTREC</b>	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	<b>EPTRECR</b>	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	<b>ESHARE</b>	Do you share any patient health information electronically with other providers?	N	3	1='Yes' 2='No' -9='Blank'
Q19a1	<b>ESHAREEHR</b>	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	<b>ESHAREWEB</b>	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	<b>ESHAREOTH</b>	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	<b>ESHAREOTHW</b>	What is other electronic method?	C	30	Other='Entry made' -7= 'Not Applicable'
Q20a1	<b>LABRES1</b>	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	<b>LABRES2</b>	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	<b>LABRES3</b>	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	<b>LABRES4</b>	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	<b>IMAGREP1</b>	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	<b>IMAGREP2</b>	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	<b>IMAGREP3</b>	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	<b>IMAGREP4</b>	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	<b>PTPROB1</b>	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	<b>PTPROB2</b>	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	<b>PTPROB3</b>	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	<b>PTPROB4</b>	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	<b>MEDLIST1</b>	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	<b>MEDLIST2</b>	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	<b>MEDLIST3</b>	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	<b>MEDLIST4</b>	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	<b>ALGLIST1</b>	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	<b>ALGLIST2</b>	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'

Question number from 2013 NEHRS	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
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	<b>OWNS1</b>	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	<b>PCTMCAID</b>	What percent of your patients are insured by Medicaid?	N	3	0-100='Valid range' -9='Blank'
Q26	<b>MCAREINS</b>	Do you treat patients insured by Medicare?	N	3	1='Yes' 2='No' 3='Unknown' (EV = -8) -9='Blank'
Q27	<b>WCOMPEMR</b>	Who completed the form?	N	3	1='Sampled physician' 2='Office staff' 3='Other' -9='Blank'
Keyed	<b>DATECOMP</b>	Date Survey was either completed over the phone or returned to SRA	C	10	01/01/2013-12/31/2013='Valid range'
Keyed	<b>COMPTYPE</b>	How survey was completed	N	3	1='Mail' 2='Telephone' -7='Not applicable' -9='Blank'
Keyed	<b>CAPTURBY</b>	Initials of the staff member who edited the survey	C	3	'-9'='Blank' Other='Entry made'
Keyed	<b>EDITEDBY</b>	Initials of the staff member who edited the survey	C	3	'-9'='Blank' Other='Entry made'
Keyed	<b>STATUSDT</b>	Date the DISPEMR status was assigned	C	10	01/01/2013-12/31/2013='Valid range'
Keyed	<b>WAVECOMP</b>	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	<b>FINSTAT</b>	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	<b>DISPEMR</b>	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	<b>KeyedBy</b>	Initials of the staff member who performed the first key of the survey	C	3	'-9'='Blank' Other='Entry made'
Keyed	<b>RekeyedBy</b>	Initials of the staff member who performed the second key of the survey	C	3	'-9'='Blank' Other='Entry made'
Keyed	<b>AdjudicatedBy</b>	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	<b>PEN</b>	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
<b>RECODED AND CREATED VARIABLES</b>					
Recoded: SAMPSPEC updated by PIISPEC	<b>SPEC</b>	3 character specialty obtained from response to survey.	C	3	' '= 'Blank' other= 'valid range'
Recoded from SPEC	<b>PROSTRUP</b>	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	<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'

Question number from 2013 NEHRs	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Recoded from SPEC	<b>SPECRDET</b>	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	<b>FIPSCNY</b>	New County FIPS code	C	3	'000'-'999'='valid range'
Created: ZIPPHY	<b>FIPSST</b>	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	<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'
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: SOLO1 MULTI1	<b>MULTIR1</b>	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	<b>DISPEMRR</b>	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	<b>FINSTATR</b>	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	<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	<b>SAMPSPEC</b>	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	<b>SPECRDETS</b>	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	<b>REGIONS</b>	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	<b>REGION</b>	Region of the Physicians Interview office	N	3	1='NE' 2='MW' 3='S' 4='W'
Physician Sample File	<b>PHYSEX</b>	Sex of Physician	N	3	1='Female' 2='Male' -9='Blank'
Physician Sample File	<b>FIPSSTS</b>	FIPS Code for state where physician was sampled	C	3	'01'-'56'='valid range'
Physician Sample File	<b>FIPSCNYS</b>	Physician's county FIPS Code	C	3	'000'-'999'='valid range'
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'

Question number from 2013 NEHRs	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Physician Sample File	<b>PRACTYPE</b>	Type of practice	C	3	'020'='AMA-Direct patient care' '040'='AOA-Direct patient care' '100'='AMA-Unknown/missing' -9='Blank'
Physician Sample File	<b>PRIMEMP</b>	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	<b>MAJPRACT</b>	Major professional activity	C	3	'-9'='Blank' 'PO'='Office based' 'CHC'='Sampled CHC'
Physician Sample File	<b>PYOB</b>	Physician year of birth	N	4	1929-1985='valid range' -9='Blank'
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 years and over' -9='Blank'
Separated file	<b>NPI</b>	National Provider Index for physician	C	10	10 digit number -9=Blank
.		<b>ARF VARIABLES</b>			
ARF-Derived	<b>ARFHYY</b>	Median household income (2011) [F13226-11]	N	6	-9='Blank' Other='Valid range'
ARF-Derived	<b>ARFPPOV</b>	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	<b>ARFPWNH</b>	Percent of popn who is white, not Hispanic(2011) [F13926 & F13927-11]	N	8	0.01-100.00='Valid range' -9='Blank'
ARF-Derived	<b>ARFPMCAID</b>	Medicaid discharges per 1000 population(2010) [F10315-10]	N	8	0.01-999.99='Valid range' -9='Blank'
ARF-Derived	<b>ARFP65</b>	Percent of popn who is 65 years and over(2011)[F14083-11]	N	8	0.01-100.00='Valid range' -9='Blank'
ARF-Derived	<b>ARFPRIMARYSA</b>	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	<b>ARFMENTALSA</b>	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	<b>ARFGROTOT</b>	Percent change in total population 2001 to 2011	N	8	-42.91-122.75='Valid range' 999='Blank'
ARF-Derived	<b>ARFGRO65</b>	Percent change in population 65+ years, 2001 to 2011	N	8	-80.95-226.91='Valid range' 999='Blank'
		<b>NCHS URBAN-RURAL FILE</b>			
URBAN-RURAL FILE	<b>URBANRU</b>	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'
<b>SUDAAN VARIABLES</b>					
Sample=PHYID	<b>PROVIDE</b>	Provider code.	N	4	80000-90302='Valid range'
Derived	<b>YEAR</b>	Survey year	N	4	2013='Year: 2013'
Derived	<b>SUBFILE</b>	Survey identifier	N	3	1='NAMCS'
Derived	<b>STATE</b>	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	<b>POPDOC</b>	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	<b>MAILWGT</b>	Rounded adjusted ratio adjusted doctor weight (responding doctors)	N	6	0='Out of scope or refused doctors' 1-999999='Responding doctors'