

2012 NATIONAL ELECTRONIC HEALTH RECORDS SURVEY
LIST OF VARIABLES POTENTIALLY AVAILABLE THROUGH THE RESEARCH DATA CENTER

Note: Some requested variables may not be available due to disclosure risk or editing issues.

Question number from 2012 National EHR survey	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'
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'
Q7	SETTING	Among settings checked in 6, the office setting with the most ambulatory care visits.	N	3	1-8='Valid range' -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	SOLO1	Type of practice for the office that has the most ambulatory care visits?	N	3	1='Solo' 2='Nonsolo' -9='Blank'
Q10a	OTHPHY1	Number of other physicians for the office that has the most ambulatory care visits?	N	3	00-99='Valid range' -9='Blank'
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'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
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'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Q14	EBILLREC	Does your practice submit claims electronically?	N	3	1='Yes, all electronic' 2='No' -8='Unknown' -9='Blank'
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	1970-2012='Valid range' -7= Not Applicable -9 = 'Blank'
Q15b	EHRNAM12	What is the name of your current EMR/EHR system?	N	3	1='Allscripts' 2='Cerner' 3='eClinicalWorks' 4='Epic' 5='GE/Centricity' 6='Greenway Medical' 7='Mckesson/Practice Partner' 8= 'NextGen' 9='Sage/ Vitera' 10='Other' -8='Unknown' -7= 'Not Applicable' -9='Blank'
Q15b	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'
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'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Q17(1)	APPLYR	When did you first apply?	N	3	1='2011' 2='2012' -8='Unknown' -7='Not Applicable' -9='Blank'
Q17(2)	INTENDYR	When do you intend to first apply?	N	3	1='2012' 2='2013 or later' -8='Unknown' -7='Not Applicable' -9='Blank'
Q18 VARIABLES ENDING WITH "R" WERE RECODED TO BE CONSISTENT WITH THE 2011 ITEM FORMAT					
Q18a	EDEMOG	Does your practice 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 your practice 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' -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' -9='Blank'

Question number from 2012 National EHR survey	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 your practice 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'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
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' -9='Blank'
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' -9='Blank'
Q18e	ECPOE	Does your practice 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'
Q18e	ECPOER	Does your practice 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'
Q18e1	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' -9='Blank'
Q18e1	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' -9='Blank'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Q18e2	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' -9='Blank'
Q18e2	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' -9='Blank'
Q18f	EREMIND	Does your practice 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'
Q18f	EREMINDR	Does your practice 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'
Q18g	ESETS	Does your practice have this computerized capability: providing standard order sets related to a particular condition or procedure? (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	ESETSR	Does your practice have this computerized capability: providing standard order sets related to a particular condition or procedure? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Q18h	ECTOE	Does your practice 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'
Q18h	ECTOER	Does your practice 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' -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' -9='Blank'
Q18i	ERESULT	Does your practice 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 your practice 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'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
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' -9='Blank'
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' -9='Blank'
Q18j	EIMGRES	Does your practice 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 your practice 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	EQOC	Does your practice have this computerized capability: viewing data on quality of care measures? (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'
Q18k	EQOCR	Does your practice have this computerized capability: viewing data on quality of care measures? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
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'
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 your practice 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 your practice 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'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Q18n1	EMUREP	If the reporting location has a computerized system for electronic reporting to immunization registries, are they reported in standards specified by Meaningful Use criteria? (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'
Q18n1	EMUREPR	If the reporting location has a computerized system for electronic reporting to immunization registries, are they reported in standards specified by Meaningful Use criteria? (recoded)	N	3	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q18o	ESUM	Does your practice 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 your practice 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'
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'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
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'
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'
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'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
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'
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'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
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'
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'
Q21a	CONSULTOUT	When you refer your patient to a provider outside of your office or group: 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'
Q21a	CONSULTOUTR	When you refer your patient to a provider outside of your office or group: do you receive a report back from the other provider with results of the consultation?	N	3	1='Yes, routinely or not routinely' 2='No' -7='Not Applicable' -9='Blank'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Q21b	CONSULTOUTE	When you refer your patient to a provider outside of your office or group: do you receive it electronically?	N	3	1='Yes, routinely' 2='Yes, but not routinely' 3= 'No' -7= 'Not Applicable' -9='Blank'
Q22a	CONSULTIN	When you see a patient referred to you by a provider outside of your office or group: 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'
Q22a	CONSULTINR	When you see a patient referred to you by a provider outside of your office or group: do you receive notification of both the patient's history and reason for consultation?	N	3	1='Yes, routinely or not routinely' 2= 'No' -7= 'Not Applicable' -9='Blank'
Q22b	CONSULTINE	When you see a patient referred to you by a provider outside of your office or group: do you receive them electronically?	N	3	1='Yes, routinely' 2='Yes, but not routinely' 3= 'No' -7= 'Not Applicable'
Q23a	INPTINFO	When your patient is discharged from an inpatient setting: 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	INPTINFOR	When your patient is discharged from an inpatient setting: do you receive all of the information you need to continue managing the patient?	N	3	1='Yes, routinely or not routinely' 2= 'No' -7= 'Not Applicable' -9='Blank'
Q23b	INPTINFOT	When your patient is discharged from an inpatient setting: is the information timely available when needed?	N	3	1='Yes, routinely' 2='Yes, but not routinely' 3= 'No' -7= 'Not Applicable' -9='Blank'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
Q23c	INPTINFOE	When your patient is discharged from an inpatient setting: do you receive it electronically?	N	3	1='Yes, routinely' 2='Yes, but not routinely' 3='No' -7='Not Applicable' -9='Blank'
Q24	OWNS1	Who owns the practice for the office that has the most ambulatory care visits?	N	3	1='Physician/Physician group' 2='HMO' 3='Community Health Center' 4='Medical / Academic health center' 5='Other hospital' 6='Other health care corporation' 7='Other' -9='Blank'
Q25(1)	PRMCARE	Percent of patient care revenue from Medicare.	N	3	0-100='Valid range' -9='Blank'
Q25(2)	PRMAID	Percent of patient care revenue from Medicaid.	N	3	0-100='valid range' -9='Blank'
Q25(3)	PRPRVT	Percent of patient care revenue from private insurance.	N	3	0-100='valid range' -9='Blank'
Q25(4)	PRALLOTH	Percent of patient care revenue from all other sources.	N	3	0-100='valid range' -9='Blank'
Q26	WCOMPEMR	Who completed the form?	N	3	1='Sampled physician' 2='Office staff' 3='Other' -9='Blank'
Keyed	COMPTYPE	How survey was completed	N	3	1='Mail' 2='Telephone' -7='Not applicable' -9='Blank'
Recoded: SAMPSPEC updated by PIISPEC	SPEC	3 character specialty obtained from response to survey.	C	3	' '= 'Blank' other='valid range'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
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'
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)'
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 MULT1	MULTIR1	Recoded Solo and Multi variables	N	3	1 = 'Single-specialty practice' 2 = 'Multi-specialty practice' 3 = 'Solo practice' -8='Unknown'
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'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
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.
Derived from SOLO1 & OTHPHY1	SIZE	Size of practice	N	3	1='Solo based practice' 2-100='Number of physicians in practice' -9='Blank'
Recoded from SIZE	PRACTSIZ	Size of practice grouped based on SIZE	N	3	1='Solo practice' 2='Two physicians' 3='3 to 5 physicians' 4='6-10 physicians' 5='11+ physicians' -9='Blank'
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	PYOB	Physician year of birth	N	4	1900-1982='valid range' -9='Blank'

Question number from 2012 National EHR survey	Variable Name	Variable Label	C or N	Length	Values for variable range and labels
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'
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	2012='Year: 2012'
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	1-999999='Valid range'
Derived	MAILWGT	Rounded adjusted ratio adjusted doctor weight (responding doctors)	N	6	0='Out of scope or refused doctors' 1-999999='Responding doctors'