

2009 NAMCS Electronic Medical Records Supplement

Question number from 2009 NAMCS EMR supplement	Variable Name	Variable Label	C or N	Length	Values for variable range and labels	Item number on 2009 PII Item Number
	<b>PHYID</b>	Physician ID	N	4	8000-9999='Valid range for live data collection'	
Q12	<b>SOLO1</b>	Type of practice for the office that has the most ambulatory care visits?	N	2	1='Solo' 2='Nonsolo' -9='Blank'	18a
Q14	<b>MULT1</b>	Is this location a multi- or single-specialty group practice for the office that has the most ambulatory care visits?	N	2	1='Single' 2='Multi' -9='Blank'	18c
Q15	<b>MIDLEVP1</b>	How many mid-level providers are at this office that has the most ambulatory care visits?	N	2	00-40='Valid range' -9='Blank'	18d
Q16	<b>EBILLREC</b>	Does your practice submit claims electronically?	N	2	1='Yes, all electronic' 2='Yes, part paper and part electronic' 3='No' -8='Unknown' -9='Blank'	20
Q17	<b>EMEDREC</b>	Does your practice use electronic medical records? (not including billing records)	N	2	1='Yes, all electronic' 2='Yes, part paper and part electronic' 3='No' -8='Unknown' -9='Blank'	21a
<b>Q18 WAS RECODED TO BE CONSISTENT WITH 2009 NAMCS Physician Induction Interview (PII)</b>						
Q18a	<b>EDEMOG</b>	Does your practice have this computerized capability: patient demographic information?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b(1)

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Q18a1	<b>EPROLST</b>	If computerized patient demographic information are included does it include patient problem lists?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b(1)a
Q18b	<b>ECPOE</b>	Does your practice have this computerized capability: computerized orders for prescriptions?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b2
Q18b1	<b>EWARN</b>	If computerized orders for prescriptions are included, are there warnings of drug interactions or contraindications provided?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b2a
Q18b2	<b>ESCRIP</b>	If computerized orders for prescriptions are included, are prescriptions sent electronically to the pharmacy?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b2b
Q18c	<b>ECTOE</b>	Does your practice have this computerized capability: computerized orders for tests?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b3
Q18c1	<b>EORDER</b>	If computerized orders for tests are included, are orders sent electronically?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b3a
Q18d	<b>ERESULT</b>	Does your practice have this computerized capability: lab results?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b4

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Q18d1	<b>ERANGE</b>	If lab results are included, are out of range values highlighted?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b4a
Q18e	<b>EIMGRES</b>	Does your practice have this computerized capability: imaging results?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b5
Q18e1	<b>EIMAGE</b>	If imaging results are included, are electronic images returned?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b5a
Q18f	<b>EPNOTES</b>	Does your practice have this computerized capability: clinical notes?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b6
Q18f1	<b>EHXFU</b>	If clinical notes are included, do they include medical history and follow-up notes?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b6a
Q18g	<b>EREMIND</b>	Does your practice have this computerized capability: reminders for guideline-based interventions and/or screening tests?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b7
Q18h	<b>EPUBHLTH</b>	Does your practice have this computerized capability: public health reporting?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b8

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Q18h1	ENOTDIS	If public health reporting is included, are notifiable diseases sent electronically?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'	21b8a
Q19	EMRNEW	Are there plans for installing a new EMR system or replacing the current system within the next 3 years?	N	2	1='Yes' 2='No' 3='Maybe' -8='Unknown' -9='Blank'	23
Q20	EHRYSR	What year did you last buy or upgrade your EMR/EHR system	N	4	1970-2009='Valid range' -9='Blank'	24
Q21	ECERT	Are you using a CCHIT certified EMR/EHR system	N	1	1='Yes' 2='No' -8='Unknown' -9='Blank'	25
Q22	OWNERSH1	Ownership status for office that has the most ambulatory care visits?	N	2	1='Owner' 2='Employee' 3='Contractor' -9='Blank'	18e
Q23	OWNS1	Who owns the practice for the office that has the most ambulatory care visits?	N	2	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'	18f
Q24(1)	PRMCARE	Percent of patient care revenue from Medicare.	N	3	0-100='Valid range' -9='Blank'	26a1
Q24(2)	PRMAID	Percent of patient care revenue from Medicaid.	N	3	0-100='valid range' -9='Blank'	26a2
Q24(3)	PRPRVT	Percent of patient care revenue from private insurance.	N	3	0-100='valid range' -9='Blank'	26a3

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Q24(4)	<b>PRPATPAY</b>	Percent of patient care revenue from patient payments.	N	3	0-100='valid range' -9='Blank'	26a4
Q24(5)	<b>PROTH</b>	Percent of patient care revenue from other.	N	3	0-100='valid range' -9='Blank'	26a5
Q25	<b>WCOMPEMR</b>	Who completed the form?	N	2	1='Sampled physician' 2='Office staff' 3='Other' -9='Blank'	--
<b>RECODED AND CREATED VARIABLES</b>						--
Recoded from SPEC	<b>SPECR</b>	Numeric specialty (DOs dispersed)	N	2	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'	--
Recoded from Physician sample file	<b>MSA</b>	Metropolitan Status (2 categories)	N	1	1='MSA' 2='non-MSA'	--
Recoded from SPECR & SPEC	<b>SPECCAT</b>	Physician specialty type	N	1	1='Primary care specialty' 2='Surgical specialty' 3='Medical specialty'	--
Recoded: SOLO1-MULTI1	<b>MULTIR1</b>	Recoded Solo and Multi variables	N	1	1='Single-specialty practice' 2='Multi-specialty practice' 3='Solo practice' -8='Unknown'	--

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Derived from SOLO1 & OTHPHY1	<b>PRACTSIZ</b>	Size of practice grouped based on SIZE	N	2	1='Solo practice' 2='Two physicians' 3='3 to 5 physicians' 4='6-10 physicians' 5='11-998 physicians' -9='Blank'	--
<b>SAMPLE FILE</b>						--
Physician Sample File; updated by zip if physician moved	<b>REGION</b>	Region of the Physicians Interview office	N	1	1='NE' 2='MW' 3='S' 4='W'	--
Physician Sample File	<b>PHYSEX</b>	Sex of Physician	N	1	1='Female' 2='Male' -9='Blank'	--
Physician Sample File	<b>FGRAD</b>	Did physician graduate from a medical school in the US or Foreign?	N	1	1='Foreign school (GRADF)' 2='United States (GRADU)' -9='Blank'	--
Physician Sample File	<b>MDAGER</b>	Physician age; grouped	N	4	1='Under 40 years' 2='40-59 years' 3='60 years and over' -9='Blank'	--
<b>SUDAAN VARIABLES</b>						--
Sample=PHYID	<b>PROVIDE</b>	Provider code.	N	4	8000-9999='Valid range'	--
Derived	<b>DEPT</b>	Department	N	1	1='Department'	--
Derived	<b>SU</b>	Sample unit	N	1	1='Sample unit'	--
Derived	<b>CLINIC</b>	Hospital clinic code	N	3	1='Clinic'	--
Derived	<b>POPSU</b>	Number of clinic sampling units in hospital.	N	3	0='POPSU'	--
Derived	<b>POPVIS</b>	Estimated provider visit volume.	N	6	0='Prob. PSU' -1='Cert. PSU'	--
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'	--
Derived	<b>CSTRAT</b>	Clustered PSU stratum marker	N	8	20100000-20499915='Cert PSU' 30100000-43300000='Prob PSU'	--

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Derived	<b>CPSU</b>	Marker of PSU in which physician was sampled or physician marker.	N	8	100001-109986='Cert PSU' 1001-99001='Prob PSU'	--
Derived	<b>POPCPSU</b>	Estimated number of in-scope providers w/in PSU and PROSTRAT	N	8	-1='Prob PSU' 1-99999999='Cert PSU'	--
Derived	<b>POPCPROV</b>	Estimated number of providers in CPSU	N	8	0='Prob PSU' 1 ='Cert PSU'	--