

2011 NAMCS ELECTRONIC MEDICAL RECORD SUPPLEMENT
LIST OF VARIABLES AVAILABLE THROUGH THE RESEARCH DATA CENTER

Question number from 2011 NAMCS	Variable Name	Variable Label	Character or Numeric	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	2	0-52='valid range' -9='Blank'
Q4	NUMLOC	Number of office locations that patients are seen in a normal week	N	2	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)	NHVISWK	During last normal week how many nursing home visits?	N	2	0-99='Valid codes' -9='Blank'
Q6(2)	HOMVISWK	During last normal week how many other home visits?	N	2	0-99='Valid codes' -9='Blank'
Q6(3)	HOSVISWK	During last normal week how many hospital visits?	N	3	0-999='Valid codes' -9='Blank'
Q6(4)	TELCONWK	During last normal week how many telephone consults?	N	2	0-99='Valid codes' -9='Blank'
Q6(5)	ECONWK	During last normal week how many Internet/email consults?	N	2	0-99='Valid codes' -9='Blank'
Q8	SETTING	Among settings checked in 7, the office setting with the most ambulatory care visits.	N	1	1-8='Valid range' -9='Blank'
Q10	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'
Q11	SOLO1	Type of practice for the office that has the most ambulatory care visits?	N	2	1='Solo' 2='Nonsolo' -9='Blank'
Q12	OTHPHY1	Number of other physicians for the office that has the most ambulatory care visits?	N	2	00-99='Valid range' -9='Blank'

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Q13	MULTI1	Is this location a multi- or single-specialty group practice for the office that has the most ambulatory care visits?	N	2	1='Multi' 2='Single' -9='Blank'
Q14	MIDLEVP1	How many mid-level providers are at this office that has the most ambulatory care visits?	N	2	00-99='Valid range' -9='Blank'
Q15	EBILLREC	Does your practice submit claims electronically?	N	2	1='Yes, all electronic' 2='No' -8='Unknown' -9='Blank'
Q16	EINSELIG	Verify patient's insurance eligibility electronically	N	2	1='Yes, with a stand-alone practice management system' 2='Yes, with an EMR/EHR system' 3='Yes, using another electronic system' 4='No' -8='Unknown' -9='Blank'
Q17	EMEDREC	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'
17a	EHRINSYR	Which year did you install your EMR/EHR system	N	4	1970-2011='Valid range' -7= Not Applicable -9 ='Blank'

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17b	EHRNAM	What is the name of your current EMR/EHR system?	N	2	1='Allscripts' 2='Cerner' 3='CHARTCARE' 4='eClinicalWorks' 5='Epic' 6='eMDs' 7='GE/Centricity' 8='Greenway Medical' 9='MED3000' 10='NextGen' 11='Sage' 12='SOAPware' 13='Practice Fusion' 14='Other' -8='Unknown' -7='Not Applicable' -9='Blank'
17b	EHRNAMOTH	What is the name of your current EMR/EHR system?	C	30	Other='Entry made' -7= Not Applicable
18	EMRINS	Are there plans for installing a new EMR/EHR within the next 18 months?	N	2	1='Yes' 2='No' 3='Maybe' -8='Unknown' -9='Blank'
Q19a	EDEMOG	Does your practice have this computerized capability: recording patient demographic information?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q19a1	EPROLST	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' -7='Not applicable' -8='Unknown' -9='Blank'

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Q19b	EPNOTES	Does your practice have this computerized capability: recording clinical notes?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q19b1	EMEDALG	If clinical notes are included, do they include a list of patient's medications and allergies?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -7='Not applicable' -8='Unknown' -9='Blank'
Q19c	ECPOE	Does your practice have this computerized capability: ordering prescriptions?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q19c1	ESCRIP	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' -7='Not applicable' -8='Unknown' -9='Blank'
Q19c2	EWARN	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' -7='Not applicable' -8='Unknown' -9='Blank'
Q19d	EREMIND	Does your practice have this computerized capability: providing 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'

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Q19e	ECTO	Does your practice have this computerized capability: ordering lab tests?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q19e1	EORDER	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' -7='Not applicable' -8='Unknown' -9='Blank'
Q19f	ESETS	Does your practice have this computerized capability: providing standard order sets related to a particular condition or procedure?	N	2	1='Yes' 2='Yes, but turned off or not used' 3='No' -8='Unknown' -9='Blank'
Q19g	ERESULT	Does your practice have this computerized capability: viewing lab results?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Don't know' -9='Blank'
Q19g1	ERESEHR	If lab results are included, are results incorporated in EMR/EHR?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -7='Not applicable' -8='Unknown' -9='Blank'
Q19h	EIMGRES	Does your practice have this computerized capability: viewing imaging results?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Don't know' -9='Blank'
Q19i	EQOC	Does your practice have this computerized capability: viewing data on quality of care measures	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Don't know' -9='Blank'

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Q19j	EIMMREG	Does your practice have this computerized capability: electronic reporting to immunization registries?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q19k	EPUBHLTH	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'
Q19k1	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' -7='Not applicable' -8='Unknown' -9='Blank'
Q19l	ESUM	Does your practice have this computerized capability: providing patients with clinical summaries for each visit?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q19m	EMSG	Does the reporting location have a computerized system for exchanging secure messages with patients?	N	2	1='Yes' 2='No' 4='Yes, but turned off or not used' -8='Unknown' -9='Blank'
Q20 (1)	EWHOPRAC	Prescribing practitioner	N	1	0='Box is not marked' 1='Box is marked'
Q20 (2)	EWHOOTH	Other	N	1	0='Box is not marked' 1='Box is marked'
Q20 (3)	EWHONOT	Prescription and lab test orders not submitted electronically	N	1	0='Box is not marked' 1='Box is marked'
Q20 (4)	EWHOUNK	Unknown	N	1	0='Box is not marked' 1='Box is marked'

Question number from 2011 NAMCS	Variable Name	Variable Label	Character or Numeric	Length	Values for variable range and labels
Q21	EXCHSUM	Do you exchange patient clinical summaries electronically with any other providers?	N	2	1='Yes, send summaries only' 2='Yes, receive summaries only' 3='Yes, send and receive summaries' 4='No' 5='Unknown' (EV = -8) -9='Blank'
Q21a1	EXCHSUM1	Through EMR/EHR vendor	N	1	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for item 21a'
Q21a2	EXCHSUM2	Through hospital-based system	N	1	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for item 21a'
Q21a3	EXCHSUM3	Through Health Information Organization or state exchange	N	1	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for item 21a'
Q21a4	EXCHSUM4	Through secure email attachment	N	1	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for item 21a'
Q21a5	EXCHSUM5	Other/Unknown	N	1	0='Box is not marked' 1='Box is marked' -7='Not Applicable' -9='All boxes are blank for item 21a'
Q22	PAYHIT	Are there plans to apply for Medicare or Medicaid incentive payments for meaningful use of Health IT?	N	2	1='Yes' 2='Uncertain' 3='No' -9='Blank'

Question number from 2011 NAMCS	Variable Name	Variable Label	Character or Numeric	Length	Values for variable range and labels
Q22a	PAYR	What year do you expect to apply for meaningful use payments?	N	2	1='2011' 2='2012' 3='After 2012' -8='Unknown' -7= Not Applicable -9='Blank'
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'
Q24(1)	PRMCARE	Percent of patient care revenue from Medicare.	N	3	0-100='Valid range' -9='Blank'
Q24(2)	PRMAID	Percent of patient care revenue from Medicaid.	N	3	0-100='valid range' -9='Blank'
Q24(3)	PRPRVT	Percent of patient care revenue from private insurance.	N	3	0-100='valid range' -9='Blank'
Q24(4)	PRPATPAY	Percent of patient care revenue from patient payments.	N	3	0-100='valid range' -9='Blank'
Q24(5)	PROTH	Percent of patient care revenue from other.	N	3	0-100='valid range' -9='Blank'
Q25	ACCEPTNEW	Are you currently accepting new patients?	N	2	1='Yes' 2='No' -8='Unknown' -9='Blank'
Q25a1a	CAPITATE	Type of payment accepted - Capitated Private Insurance.	N	2	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'

Question number from 2011 NAMCS	Variable Name	Variable Label	Character or Numeric	Length	Values for variable range and labels
Q25a1b	NOCAP	Type of payment accepted - Noncapitated Private Insurance.	N	2	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
	PRIVATE	Type of payment accepted - Private Insurance.	N	2	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q25a2	NMEDCARE	Type of payment accepted – Medicare.	N	2	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q25a3	NMEDCAID	Type of payment accepted - Medicaid.	N	2	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q25a4	NWORKCMP	Type of payment accepted - Worker's compensation.	N	2	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q25a5	NSELPAY	Type of payment accepted - Self-pay.	N	2	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'

Question number from 2011 NAMCS	Variable Name	Variable Label	Character or Numeric	Length	Values for variable range and labels
Q25a6	NNOCHRGE	Type of payment accepted - No charge.	N	2	1='Yes' 2='No' -8='Unknown' -7='Not applicable' -9='Blank'
Q26	PCTMCAID	What percent of current patients have Medicaid/CHIP?	N	2	0-100='Valid range' -9='Blank'
Q27	WCOMPEMR	Who completed the form?	N	2	1='Sampled physician' 2='Office staff' 3='Other' -9='Blank'
Keyed	COMPTYPE	How survey was completed	N	2	1='Mail' 2='Telephone' -7='Not applicable' -9='Blank'
Recoded: SAMPSPC updated by	SPEC	Alpha specialty (updated by induction)	C	3	' '=Blank' other='valid range'
Recoded from SPEC	SPECR	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'
Created:	FIPSCNY	New County FIPS code	C	3	'000'-'999'='valid range'
Created:	FIPSST	New State Fips code	C	2	'00'-'56'='valid range'

Question number from 2011 NAMCS	Variable Name	Variable Label	Character or Numeric	Length	Values for variable range and labels
Recoded from Physician	MDDO	Type of doctor (MD/DO) as sampled.	N	1	1='MD' 2='DO'
Recoded from Physician	MSA	Metropolitan Status (2 categories)	N	1	1='MSA' 2='non-MSA'
Recoded from Physician	METRSTAT	Metropolitan Status (3 categories)	N	1	1='Metropolitan' 2='Micropolitan' 3='Non-metropolitan (neither)'
Recoded from SPECR &	SPECCAT	Physician specialty type	N	1	1='Primary care specialty' 2='Surgical specialty' 3='Medical specialty'
Recoded: SOLO1-MULTI1	MULTIR1	Recoded Solo and Multi variables	N	1	1='Single-specialty practice' 2='Multi-specialty practice' 3='Solo practice' -8='Unknown'
Recode of DISPEMR	DISPEMRR	Update of DISPEMR	N	1	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 2011 NAMCS	Variable Name	Variable Label	Character or Numeric	Length	Values for variable range and labels
Recode of FINSTAT	FINSTATR	Update of FINSTAT	N	2	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 &	SIZE	Size of practice	N	2	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	2	1='Solo practice' 2='Two physicians' 3='3 to 5 physicians' 4='6-10 physicians' 5='11+ physicians' -9='Blank'
SAMPLE					
Physician Sample	PYOB	Physician year of birth	N	4	1900-1982='valid range' -9='Blank'

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Physician Sample File; updated	REGION	Region of the Physicians Interview office	N	1	1='NE' 2='MW' 3='S' 4='W'
Physician Sample File	PHYSEX	Sex of Physician	N	1	1='Female' 2='Male' -9='Blank'
Recode from PYOB	MDAGE	Physician age; grouped	N	1	1='Under 35 years' 2='35-44 years' 3='45-54 years' 4='55-64 years' 5='65 years and over' -9='Blank'
ARF VARIABLES, 2008 release					
ARF-Derived	ARFHYY	Median household income (2007) [F13226-07]	N	6	-9='Blank' Other='Valid range'
ARF-Derived	ARFPPOV	Percent where income is below poverty level(2007) [F13321-07]	N	8	0.01-100.00='Valid range' -9='Blank'
ARF-Derived	ARFPWNH	Percent of popn who is white, not Hispanic(2007) [F13926-07 & F12927-07]	N	8	0.01-100.00='Valid range' -9='Blank'
ARF-Derived	ARFPMCAID	Medicaid discharges per 1000 population(2006) [F10315-06]	N	8	0.01-999.99='Valid range' -9='Blank'
ARF-Derived	ARFP65	Percent of popn who is 65 years and over(2007)[F14083-07]	N	8	0.01-100.00='Valid range' -9='Blank'
ARF-Derived	ARFPRIMARYSA	HPSA Code; Population to FTE primary care ratio (12/08) [F09787-08]	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) [F12492-08]	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'

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ARF-Derived	ARFGROTOT	Percent change in total population 1998 to 2008	N	8	-42.91-122.75='Valid range' 999='Blank'
ARF-Derived	ARFGRO65	Percent change in population 65+ years, 1997 to 2007	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	1	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=P	PROVIDE	Provider code.	N	4	80000-90302='Valid range'
Derived	YEAR	Survey year	N	4	2011='Year: 2011'
Derived	SUBFILE	Survey identifier	N	1	1='NAMCS'
Sample	PROSTRAT	Provider sampled specialty stratum.	N	2	1-15='valid range'
Derived	STATE	State where the physician was sampled	N	2	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	1-9999999='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'