

Variable Origin	Variable Name	Question Text	Response Value Options	Response Description Options	Character (C) or Numeric (N)	Length	Restricted (R) or Public Use (P) File	Universe	Universe Description
Assigned	PHYID	Physician unique identifier	80000-81999	Valid range	N	5	R	All	All physicians
Assigned (reassigned for public use file)	PHYID_P	Physician unique identifier	1-2000	Valid range	N	4	P	All	All physicians
Derived	MAILWGT	Rounded adjusted ratio adjusted physician weight (responding physicians)	0 1-999,999	Ineligible or refusing physicians Responding physicians	N	8	R & P	All	All physicians
Assigned	STRAT	Unmasked sampling stratum	1001-4015	Valid range	N	8	R	All	All physicians
Assigned	STRAT_P	Masked sampling stratum	1-56	Valid range	N	8	P	All	All physicians
Derived	POPDOC	Estimated number of NEHRS eligible physicians	1-9,999,999	Valid range	N	8	R & P	All	All physicians
Derived	YEAR	Survey year	2018	2018	N	8	R & P	All	All physicians
Sample File Recode	METRSTAT	Sampled metropolitan statistical area (MSA) status (3 category)	1 2 3	Metropolitan Micropolitan Non-metropolitan (neither)	N	3	R	All	All physicians
Recode	SPECR	Physician specialty group	1 3 4 5 6 7 8 9 10 11 12 13 14 15 -7	General/family practice Internal medicine Pediatrics General surgery Obstetrics & gynecology Orthopedic surgery Cardiovascular diseases Dermatology Urology Psychiatry Neurology Ophthalmology Otolaryngology Other specialties Not applicable	N	3	R	All	All physicians
Recode	SPECCAT	Physician specialty (broad category)	1 2 3 -7	Primary care specialty Surgical specialty Medical specialty Not applicable	N	3	R & P	All	All physicians
Q3	NUMLOC	Overall, at how many office locations (excluding hospital emergency or hospital outpatient departments) do you see ambulatory patients in a normal week?	0-10 -9	Valid range Blank	N	3	R & P	All	All physicians
Q3 (recoded for public use file)	NUMLOC_P	Overall, at how many office locations (excluding hospital emergency or hospital outpatient departments) do you see ambulatory patients in a normal week?	1 2 3 -9	1 location 2 locations 3 or more locations Blank	N	8	P	All	All physicians
Q5	SETTING	At which of the settings (1-8) in <u>Question 4</u> , do you see the most ambulatory patients? <i>WRITE THE NUMBER LOCATED NEXT TO THE BOX YOU CHECKED.</i> (For the rest of the survey, we will refer to this as the "reporting location.")	1 2 3 4 5 6 7 8 -7 -9	Private solo or group practice Freestanding clinic or Urgent Care Center Community Health Center (e.g., Federally Qualified Health Center [FQHC], federally funded clinics or "look-alike" clinics) Mental health center Non-federal government clinic (e.g., state, county, city, maternal and child health, etc.) Family planning clinic (including Planned Parenthood) Health maintenance organization, health system or prepaid practice (e.g., Kaiser Permanente) Faculty practice plan (an organized group of physicians that treats patients referred to an academic medical center) Not applicable Blank	N	3	R	All	All physicians
Q5 (recoded for public use file)	SETTING_P	At which of the settings (1-8) in <u>Question 4</u> , do you see the most ambulatory patients? <i>WRITE THE NUMBER LOCATED NEXT TO THE BOX YOU CHECKED.</i> (For the rest of the survey, we will refer to this as the "reporting location.")	1 2 -7 -9	Private solo or group practice Other setting Not applicable Blank	N	8	P	All	All physicians

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Q7	PSIZECAT	How many physicians, including you, work at <u>this practice</u> (including physicians at the reporting location, and physicians at any other locations of the practice)?	1 2 3 4 5 6 -7 -9	1 1 physician 2 2-3 physicians 3 4-10 physicians 4 11-50 physicians 5 51-100 physicians 6 More than 100 physicians -7 Not applicable -9 Blank	N	3	R	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q7 (recoded for public use file)	PSIZECAT_P	How many physicians, including you, work at <u>this practice</u> (including physicians at the reporting location, and physicians at any other locations of the practice)?	1 2 3 4 5 -7 -9	1 1 physician 2 2-3 physicians 3 4-10 physicians 4 11-50 physicians 5 More than 50 physicians -7 Not applicable -9 Blank	N	8	P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q9	MIDLEVP1	How many mid-level providers (i.e., nurse practitioners, physician assistants, and nurse midwives) are associated with the reporting location?	0-101 -7 -9	Valid range -7 Not applicable -9 Blank	N	3	R	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q9 (recoded for public use file)	MIDLEVP1_P	How many mid-level providers (i.e., nurse practitioners, physician assistants, and nurse midwives) are associated with the reporting location?	0 1 2 3 4 7 -9	0 midlevel providers 1 1 midlevel provider 2 2 midlevel providers 3 3 midlevel providers 4 4 or more midlevel providers 7 Not applicable -9 Blank	N	8	P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q10	MULTI1	Is the reporting location a single- or multi-specialty (group) practice?	1 2 -7 -9	1 Single 2 Multi -7 Not applicable -9 Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q11	ACCEPTNEW	At the reporting location, are you currently accepting new patients?	1 2 -7 -8 -9	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q12(1)	NPRIVATE	If yes, from those new patients, which of the following types of payment do you accept?  Private insurance	1 2 -7 -8 -9	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank	N	3	R & P	SETTING=(1-8) and ACCEPTNEW=1	Physicians caring for ambulatory patients at an eligible setting and currently accepting new patients
Q12(2)	NMEDCARE	If yes, from those new patients, which of the following types of payment do you accept?  Medicare	1 2 -7 -8 -9	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank	N	3	R & P	SETTING=(1-8) and ACCEPTNEW=1	Physicians caring for ambulatory patients at an eligible setting and currently accepting new patients
Q12(3)	NMEDCAID	If yes, from those new patients, which of the following types of payment do you accept?  Medicaid/CHIP	1 2 -7 -8 -9	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank	N	3	R & P	SETTING=(1-8) and ACCEPTNEW=1	Physicians caring for ambulatory patients at an eligible setting and currently accepting new patients
Q12(4)	NWORKCMP	If yes, from those new patients, which of the following types of payment do you accept?  Worker's compensation	1 2 -7 -8 -9	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank	N	3	R & P	SETTING=(1-8) and ACCEPTNEW=1	Physicians caring for ambulatory patients at an eligible setting and currently accepting new patients
Q12(5)	NSELPAY	If yes, from those new patients, which of the following types of payment do you accept?  Self-pay	1 2 -7 -8 -9	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank	N	3	R & P	SETTING=(1-8) and ACCEPTNEW=1	Physicians caring for ambulatory patients at an eligible setting and currently accepting new patients
Q12(6)	NNOCHARGE	If yes, from those new patients, which of the following types of payment do you accept?  No charge	1 2 -7 -8 -9	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank	N	3	R & P	SETTING=(1-8) and ACCEPTNEW=1	Physicians caring for ambulatory patients at an eligible setting and currently accepting new patients
Q13	IPAPHO	Is this medical organization affiliated with an Independent Practice Association (IPA) or Physician Hospital Organization (PHO)?	1 2 -7 -8 -9	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting

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Q14	PCTMCAID	What percent of your patients are insured by Medicaid?	0-100 -7 Not applicable -9 Blank	Valid range	N	3	R	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q14 (recoded for public use file)	PCTMCAID_P	What percent of your patients are insured by Medicaid?	0 0.0% 1 1.0-24.0% 2 25.0-50.0% 3 Over 50.0% -7 Not applicable -9 Blank		N	8	P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q15	MCAREINS	Do you treat patients insured by Medicare?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q16	OWNS1	Who owns the reporting location? CHECK ONE.	1 Physician or 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 -7 Not applicable -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q17(1)	NPCMH	Do you or your reporting location currently participate in any of the following activities or programs? CHECK ALL THAT APPLY.  Patient Centered Medical Home (PCMH)	0 Boxed is not marked 1 Box is marked -7 Not applicable		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q17(2)	NACO	Do you or your reporting location currently participate in any of the following activities or programs? CHECK ALL THAT APPLY.  Accountable Care Organization (ACO) arrangement with public or private insurers	0 Boxed is not marked 1 Box is marked -7 Not applicable		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q17(3)	NP4P	Do you or your reporting location currently participate in any of the following activities or programs? CHECK ALL THAT APPLY.  Pay-for-Performance agreement (P4P)	0 Boxed is not marked 1 Box is marked -7 Not applicable		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q17(4)	NMU	Do you or your reporting location currently participate in any of the following activities or programs? CHECK ALL THAT APPLY.  Medicaid EHR Incentive Program (e.g., Meaningful Use Program)	0 Boxed is not marked 1 Box is marked -7 Not applicable		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q18(1)	MIPS	Do you participate or plan to participate in the following Medicare programs? CHECK ALL THAT APPLY.  <i>Merit-Based Incentive Payment System will adjust payment based on performance. Advance Alternative Payment Models are new approaches to paying for medical care that incentivize quality and value.</i>  Merit-Based Incentive Payment System	0 Boxed is not marked 1 Box is marked -7 Not applicable		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q18(2)	APM	Do you participate or plan to participate in the following Medicare programs? CHECK ALL THAT APPLY.  <i>Merit-Based Incentive Payment System will adjust payment based on performance. Advance Alternative Payment Models are new approaches to paying for medical care that incentivize quality and value.</i>  Advanced Alternative Payment Model	0 Boxed is not marked 1 Box is marked -7 Not applicable		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting

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Q18(3)	NOMIPSAPM	Do you participate or plan to participate in the following Medicare programs? CHECK ALL THAT APPLY.  <i>Merit-Based Incentive Payment System will adjust payment based on performance. Advance Alternative Payment Models are new approaches to paying for medical care that incentivize quality and value.</i>  Not applicable	0 1 -7	Boxed is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q19	EMEDREC	Does the reporting location use an EHR system? Do not include billing record systems.	1 2 -8 -9	Yes No Don't know Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q20(1)-(14)	EHRNAME	What is the name of your primary EHR system? CHECK ONLY ONE BOX. IF OTHER IS CHECKED, PLEASE SPECIFY THE NAME.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 -7 -9	Allscripts Amazing Charts athenahealth Cerner eClinical Works e-MDs Epic GE/Centricity Modernizing Medicine NextGen Practice Fusion Sage/Vitera/Greenway Other, specify Unknown Not applicable Blank	N	8	R & P	SETTING=(1-8) and EMEDREC=1	Physicians caring for ambulatory patients at an eligible setting and reporting location uses an EHR system
Q21	EHRSAT	Overall, how satisfied or dissatisfied are you with your EHR system?	1 2 3 4 5 -7 -9	Very satisfied Somewhat satisfied Neither satisfied nor dissatisfied Somewhat dissatisfied Very dissatisfied Not applicable Blank	N	3	R & P	SETTING=(1-8) and EMEDREC=1	Physicians caring for ambulatory patients at an eligible setting and reporting location uses an EHR system
Q22	HHSMU	Does your EHR system meet meaningful use criteria (certified EHR) as defined by the Department of Health and Human Services?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8) and EMEDREC=1	Physicians caring for ambulatory patients at an eligible setting and reporting location uses an EHR system
Q23a	ESDOH	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW):  Record social determinants of health (e.g., employment, education)?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q23b	EBEHAV	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW):  Record behavioral determinants of health (e.g., tobacco use, physical activity, alcohol use)?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q23c	ECPOE	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW):  Order prescriptions?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q23c(1)	ESCRIP	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW):  Are prescriptions sent electronically to the pharmacy?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8) and ECPOE=1	Physicians caring for ambulatory patients at an eligible setting and reporting location uses a computerized system to order prescriptions
Q23c(2)	EWARN	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW):  Are warnings of drug interactions or contradictions provided?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8) and ECPOE=1	Physicians caring for ambulatory patients at an eligible setting and reporting location uses a computerized system to order prescriptions

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Q23d	ECTO	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW): Order lab tests?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q23e	ERADI	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW): Order radiology tests?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q23f	EREMIND	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW): Provide reminders for guideline-based interventions or screening tests?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q23g	ECREATERES	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW): Create educational resources tailored to the patients' specific conditions?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q23h	EMSG	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW): Exchange secure messages with patients?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q23i	EGENLIST	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW): Generate lists of patients with particular health conditions?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q23j	ECCREPO	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW): Create reports on clinical care measures for patients with specific chronic conditions (e.g., HbA1c for diabetics)?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q23k	ECREATEPLAN	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW): Create shared care plans that are available across the clinical care team?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q23l	ESENDQCM	Does the reporting location use a computerized system to (CHECK NO MORE THAN ONE BOX PER ROW): Send clinical quality measures to public and private insurers (e.g., blood pressure control, HbA1c, smoking status)?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q24	TEMP	How frequently do you use template-based notes in your EHR system?  <i>Template-based notes are generated through forms or pre-filled text in an EHR rather than free text alone.</i>	1 Often 2 Sometimes 3 Rarely 4 Never -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q24a	TEMPCUSTOM	To what extent do you customize your templates?	1 A great extent 2 Sometimes 3 Rarely 4 Never -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) and TEMP=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and uses template-based notes in EHR system
Q24b	TEMPNOTES	How easy or difficult is it to locate information in template-based notes?	1 Very easy 2 Somewhat easy 3 Somewhat difficult 4 Very difficult -7 Not applicable -9 Blank		N	3	R & P	SETTING=(1-8) and TEMP=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and uses template-based notes in EHR system

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Q24c	FREENOTES	How easy or difficult is it to locate information in free-text notes?	1 2 3 4 -7 -9	Very easy Somewhat easy Somewhat difficult Very difficult Not applicable Blank	N	3	R & P	SETTING=(1-8) and TEMP=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and uses template-based notes in EHR system
Q25	TELEMED	Does your practice use telemedicine technology (e.g., audio with video, web videoconference) for patient visits?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q26a	EPTREC	Does your EHR system allow patients to...  View their online medical record?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q26b	EDLREC	Does your EHR system allow patients to...  Download their online medical record to their personal files?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q26c	ESENDREC	Does your EHR system allow patients to...  Download their online medical record to a third party (e.g., another provider, personal health record)?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q26d	SLFMOND	Does your EHR system allow patients to...  Upload their health information from devices or apps (e.g., blood glucose meter, Fitbit, questionnaires)?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q27	CSFREQ	How frequently do you prescribe controlled substances?	1 2 3 4 -7 -8 -9	Often Sometimes Rarely Never Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q28	CSELECT	How frequently are prescriptions for controlled substances sent electronically to the pharmacy?	1 2 3 -7 -8 -9	Often Sometimes Rarely or Never Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances
Q29	PDMPFREQ	How frequently do you or designated staff check your state's prescription drug monitoring program (PDMP) prior to prescribing a controlled substance to a patient for the first time?	1 2 3 4 -7 -8 -9	Often Sometimes Rarely Never Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances
Q29a	PDMPCHECK	How do you or your designated staff check your state's PDMP?	1 2 -7 -8 -9	Use EHR system Use system outside of EHR (e.g., PDMP portal or secure website) Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3) and PDMPFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances and check their state's PDMP prior to prescribing controlled substances for the first time
Q29b	PDMPUSE	How easy or difficult is it to use your state's PDMP to find your patient's information?	1 2 3 4 -7 -8 -9	Very easy Somewhat easy Somewhat difficult Very difficult Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3) and PDMPFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances and check their state's PDMP prior to prescribing controlled substances for the first time
Q29c	PDMPSTATE	When checking your state's PDMP, do you or designated staff typically request to view PDMP data from other states prior to prescribing a controlled substance for the first time?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3) and PDMPFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances and check their state's PDMP prior to prescribing controlled substances for the first time

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Q29d(1)	PDMP1	Have you done any of the following as a result of using the PDMP? CHECK ALL THAT APPLY.  Reduced or eliminated controlled substance prescriptions for a patient	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3) and PDMPFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances and check their state's PDMP prior to prescribing controlled substances for the first time
Q29d(2)	PDMP2	Have you done any of the following as a result of using the PDMP? CHECK ALL THAT APPLY.  Changed controlled substance prescriptions to non-opioid pharmacologic (e.g., NSAIDs or acetaminophen) or non-pharmacologic therapy (e.g., exercise/physical therapy or CBT)	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3) and PDMPFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances and check their state's PDMP prior to prescribing controlled substances for the first time
Q29d(3)	PDMP3	Have you done any of the following as a result of using the PDMP? CHECK ALL THAT APPLY.  Prescribed naloxone	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3) and PDMPFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances and check their state's PDMP prior to prescribing controlled substances for the first time
Q29d(4)	PDMP4	Have you done any of the following as a result of using the PDMP? CHECK ALL THAT APPLY.  Referred additional treatment (e.g., substance abuse treatment, psychiatric or pain management)	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3) and PDMPFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances and check their state's PDMP prior to prescribing controlled substances for the first time
Q29d(5)	PDMP5	Have you done any of the following as a result of using the PDMP? CHECK ALL THAT APPLY.  Confirmed patients' misuse of prescriptions (e.g., engage in doctor shopping)	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3) and PDMPFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances and check their state's PDMP prior to prescribing controlled substances for the first time
Q29d(6)	PDMP6	Have you done any of the following as a result of using the PDMP? CHECK ALL THAT APPLY.  Confirmed appropriateness of treatment	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3) and PDMPFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances and check their state's PDMP prior to prescribing controlled substances for the first time
Q29d(7)	PDMP7	Have you done any of the following as a result of using the PDMP? CHECK ALL THAT APPLY.  Assessed pain and function of patient (e.g., PEG)	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3) and PDMPFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances and check their state's PDMP prior to prescribing controlled substances for the first time
Q29d(8)	PDMP8	Have you done any of the following as a result of using the PDMP? CHECK ALL THAT APPLY.  Consulted with other prescribers listed in PDMP report	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3) and PDMPFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances and check their state's PDMP prior to prescribing controlled substances for the first time
Q29d(9)	PDMP9	Have you done any of the following as a result of using the PDMP? CHECK ALL THAT APPLY.  Consulted and/or coordinated with other members of the care team	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and CSFREQ=(1,2,3) and PDMPFREQ=(1,2,3)	Physicians caring for ambulatory patients at an eligible setting and prescribe controlled substances and check their state's PDMP prior to prescribing controlled substances for the first time
Q30	METHSRPAP	Do you ONLY send and receive patient health information through paper-based methods including fax, eFax, or mail?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q31	METHSEHRWEB	Do you electronically send patient health information to other providers outside your medical organization using an EHR (not eFax) or a Web Portal (separate from EHR)?	1 2 -7 -8 -9	Yes No Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8)	Physicians caring for ambulatory patients at an eligible setting and does not or does not know if patient health information is only sent and received through paper-based methods
Q32a	SEAMBOUT	Do you send patient health information to any of the following providers electronically? Electronically does not include scanned or PDF documents, fax, or eFax.  Ambulatory care providers outside your organization	1 2 4 -7 -8 -9	Yes No Not applicable Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8) and METHSEHRWEB=1	Physicians caring for ambulatory patients at an eligible setting, does not or does not know if patient health information is only sent and received through paper-based methods, and sends patient health information to other providers outside their medical organization using an EHR or Web Portal
Q32b	SEHOSPU	Do you send patient health information to any of the following providers electronically? Electronically does not include scanned or PDF documents, fax, or eFax.  Hospitals unaffiliated with your organization	1 2 4 -7 -8 -9	Yes No Not applicable Not applicable Don't know Blank	N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8) and METHSEHRWEB=1	Physicians caring for ambulatory patients at an eligible setting, does not or does not know if patient health information is only sent and received through paper-based methods, and sends patient health information to other providers outside their medical organization using an EHR or Web Portal

Variable Origin	Variable Name	Question Text	Response Value Options	Response Description Options	Character (C) or Numeric (N)	Length	Restricted (R) or Public Use (P) File	Universe	Universe Description
Q32c	SEBHP	Do you <u>send</u> patient health information to any of the following providers electronically? Electronically does not include scanned or PDF documents, fax, or eFax.  Behavioral health providers	1 Yes 2 No 4 Not applicable -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8) and METHSEHRWEB=1	Physicians caring for ambulatory patients at an eligible setting, does not or does not know if patient health information is only sent and received through paper-based methods, and sends patient health information to other providers outside their medical organization using an EHR or Web Portal
Q32d	SELTCP	Do you <u>send</u> patient health information to any of the following providers electronically? Electronically does not include scanned or PDF documents, fax, or eFax.  Long-term care providers	1 Yes 2 No 4 Not applicable -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8) and METHSEHRWEB=1	Physicians caring for ambulatory patients at an eligible setting, does not or does not know if patient health information is only sent and received through paper-based methods, and sends patient health information to other providers outside their medical organization using an EHR or Web Portal
Q33	METHREHRWEB	Do you electronically <u>receive</u> patient health information from other providers outside your medical organization using an EHR (not eFax) or a Web Portal (separate from EHR)?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) METHSRPAP=(2,-8)	Physicians caring for ambulatory patients at an eligible setting and does not or does not know if patient health information is only sent and received through paper-based methods
Q34a	REAMBOUT	Do you <u>receive</u> patient health information from any of the following providers electronically? Electronically does not include scanned or PDF documents, fax, or eFax.  Ambulatory care providers outside your organization	1 Yes 2 No 4 Not applicable -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8) and METHREHRWEB=1	Physicians caring for ambulatory patients at an eligible setting, does not or does not know if patient health information is only sent and received through paper-based methods, and receives patient health information to other providers outside their medical organization using an EHR or Web Portal
Q34b	REHOSPU	Do you <u>receive</u> patient health information from any of the following providers electronically? Electronically does not include scanned or PDF documents, fax, or eFax.  Hospitals unaffiliated with your organization	1 Yes 2 No 4 Not applicable -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8) and METHREHRWEB=1	Physicians caring for ambulatory patients at an eligible setting, does not or does not know if patient health information is only sent and received through paper-based methods, and receives patient health information to other providers outside their medical organization using an EHR or Web Portal
Q34c	REBHP	Do you <u>receive</u> patient health information from any of the following providers electronically? Electronically does not include scanned or PDF documents, fax, or eFax.  Behavioral health providers	1 Yes 2 No 4 Not applicable -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8) and METHREHRWEB=1	Physicians caring for ambulatory patients at an eligible setting, does not or does not know if patient health information is only sent and received through paper-based methods, and receives patient health information to other providers outside their medical organization using an EHR or Web Portal
Q34d	RELTCP	Do you <u>receive</u> patient health information from any of the following providers electronically? Electronically does not include scanned or PDF documents, fax, or eFax.  Long-term care providers	1 Yes 2 No 4 Not applicable -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8) and METHREHRWEB=1	Physicians caring for ambulatory patients at an eligible setting, does not or does not know if patient health information is only sent and received through paper-based methods, and receives patient health information to other providers outside their medical organization using an EHR or Web Portal
Q35	PHAPHI	Does your reporting location electronically send or receive patient health information with public health agencies? <i>Public health agencies can include the CDC, state or local public health authorities.</i>	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8)	Physicians caring for ambulatory patients at an eligible setting and does not or does not know if patient health information is only sent and received through paper-based methods

Variable Origin	Variable Name	Question Text	Response Value Options	Response Description Options	Character (C) or Numeric (N)	Length	Restricted (R) or Public Use (P) File	Universe	Universe Description
Q35a(1)	PHA1	What types of information do you electronically send or receive? CHECK ALL THAT APPLY.  Syndromic surveillance data	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8) and PHAPHI=1	Physicians caring for ambulatory patients at an eligible setting, does not or does not know if patient health information is only sent and received through paper-based methods, and electronically sends or receives patient health information with public health agencies
Q35a(2)	PHA2	What types of information do you electronically send or receive? CHECK ALL THAT APPLY.  Case reporting of reportable conditions	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8) and PHAPHI=1	Physicians caring for ambulatory patients at an eligible setting, does not or does not know if patient health information is only sent and received through paper-based methods, and electronically sends or receives patient health information with public health agencies
Q35a(3)	PHA3	What types of information do you electronically send or receive? CHECK ALL THAT APPLY.  Immunization data	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8) and PHAPHI=1	Physicians caring for ambulatory patients at an eligible setting, does not or does not know if patient health information is only sent and received through paper-based methods, and electronically sends or receives patient health information with public health agencies
Q35a(4)	PHA4	What types of information do you electronically send or receive? CHECK ALL THAT APPLY.  Public health registry (e.g., cancer)	0 1 -7	Box is not marked Box is marked Not applicable	N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8) and PHAPHI=1	Physicians caring for ambulatory patients at an eligible setting, does not or does not know if patient health information is only sent and received through paper-based methods, and electronically sends or receives patient health information with public health agencies
Q36a	HPCNOT	For providers outside your medical organization, do you regularly electronically <u>send and receive</u> , <u>send only</u> , or <u>receive only</u> the following types of patient health information?  Progress/consultation notes	1 2 3 4 -7 -9	Both Send and Receive Electronically Send Electronically Only Receive Electronically Only Do not Send or Receive Electronically Not applicable Blank	N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8)	Physicians caring for ambulatory patients at an eligible setting and does not or does not know if patient health information is only sent and received through paper-based methods
Q36b	HREF	For providers outside your medical organization, do you regularly electronically <u>send and receive</u> , <u>send only</u> , or <u>receive only</u> the following types of patient health information?  Clinical registry data	1 2 3 4 -7 -9	Both Send and Receive Electronically Send Electronically Only Receive Electronically Only Do not Send or Receive Electronically Not applicable Blank	N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8)	Physicians caring for ambulatory patients at an eligible setting and does not or does not know if patient health information is only sent and received through paper-based methods
Q36c	HEDNOT	For providers outside your medical organization, do you regularly electronically <u>send and receive</u> , <u>send only</u> , or <u>receive only</u> the following types of patient health information?  Emergency Department notifications	3 4 -7 -9	Receive Electronically Only Do not Send or Receive Electronically Not applicable Blank	N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8)	Physicians caring for ambulatory patients at an eligible setting and does not or does not know if patient health information is only sent and received through paper-based methods

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Q36d	HTOCSUM	For providers outside your medical organization, do you regularly electronically <u>send and receive</u> , <u>send only</u> , or <u>receive only</u> the following types of patient health information?  Summary of care records for transitions of care or referrals	1 Both Send and Receive Electronically 2 Send Electronically Only 3 Receive Electronically Only 4 Do not Send or Receive Electronically -7 Not applicable -9 Blank		N	3	R & P	SETTING=(1-8) and METHSRPAP=(2,-8)	Physicians caring for ambulatory patients at an eligible setting and does not or does not know if patient health information is only sent and received through paper-based methods
Q37	NSEARCH	When seeing a new patient or a patient who has previously seen another provider, do you electronically search or query for your patient's health information from sources outside your medical organization? <i>This could include via remote or view only access to other facilities' EHR or health information exchange organization.</i>	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q37a(1)	NPCNOT	Do you electronically search for the following patient health information from sources outside your medical organization?  Progress/consultation notes	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) and NSEARCH=1	Physicians caring for ambulatory patients at an eligible setting and who search for patient's health information from sources outside their medical organization
Q37a(2)	NVAX	Do you electronically search for the following patient health information from sources outside your medical organization?  Vaccination/Immunization history	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) and NSEARCH=1	Physicians caring for ambulatory patients at an eligible setting and who search for patient's health information from sources outside their medical organization
Q37a(3)	NCSUM	Do you electronically search for the following patient health information from sources outside your medical organization?  Summary of care record	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) and NSEARCH=1	Physicians caring for ambulatory patients at an eligible setting and who search for patient's health information from sources outside their medical organization
Q38	INTPHI	Does your EHR system integrate any type of patient health information received electronically (not eFax) without special effort like manual entry or scanning?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q38a	INTCSUM	Does your EHR system integrate summary of care records received electronically (not eFax) without special effort like manual entry or scanning?	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8) and INTPHI=1	Physicians caring for ambulatory patients at an eligible setting and who integrate patient health information received electronically without special effort
Q39a	COMPMED	Do you reconcile the following types of clinical information electronically received from providers outside your medical organization? Reconciling involves comparing a patient's health information from another provider with your practice's clinical information.  Medication lists	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q39b	COMPALL	Do you reconcile the following types of clinical information electronically received from providers outside your medical organization? Reconciling involves comparing a patient's health information from another provider with your practice's clinical information.  Medication allergy lists	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q39c	COMPPROB	Do you reconcile the following types of clinical information electronically received from providers outside your medical organization? Reconciling involves comparing a patient's health information from another provider with your practice's clinical information.  Problem lists	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting

Variable Origin	Variable Name	Question Text	Response Value Options	Response Description Options	Character (C) or Numeric (N)	Length	Restricted (R) or Public Use (P) File	Universe	Universe Description
Q40	CINPOC	When treating patients seen by providers outside your medical organization, how often do you or your staff have clinical information from those outside encounters electronically available at the point of care? <i>Electronically available does not include scanned or PDF documents.</i>	1 Often 2 Sometimes 3 Rarely 4 Never 6 I do not see patients outside my medical organization -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q41	EUSEPHIOUT	How frequently do you use patient health information electronically (not eFax) received from providers or sources outside your organization when treating a patient?	1 Often 2 Sometimes 3 Rarely 4 Never -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q41a(1)	REASON1	If rarely or never used, please indicate the reason(s) why. CHECK ALL THAT APPLY.  Information not always available when needed (e.g., not timely, missing)	0 Box is not marked 1 Box is marked -7 Not applicable		N	3	R & P	SETTING=(1-8) and EUSEPHOUT=(3,4)	Physicians caring for ambulatory patients at an eligible setting and who rarely/never use patient health information electronically received from outside their organization
Q41a(2)	REASON2	If rarely or never used, please indicate the reason(s) why. CHECK ALL THAT APPLY.  Do not trust accuracy of information	0 Box is not marked 1 Box is marked -7 Not applicable		N	3	R & P	SETTING=(1-8) and EUSEPHOUT=(3,4)	Physicians caring for ambulatory patients at an eligible setting and who rarely/never use patient health information electronically received from outside their organization
Q41a(3)	REASON3	If rarely or never used, please indicate the reason(s) why. CHECK ALL THAT APPLY.  Difficult to integrate information in EHR	0 Box is not marked 1 Box is marked -7 Not applicable		N	3	R & P	SETTING=(1-8) and EUSEPHOUT=(3,4)	Physicians caring for ambulatory patients at an eligible setting and who rarely/never use patient health information electronically received from outside their organization
Q41a(4)	REASON4	If rarely or never used, please indicate the reason(s) why. CHECK ALL THAT APPLY.  Information not available to view in EHR as part of clinicians' workflow	0 Box is not marked 1 Box is marked -7 Not applicable		N	3	R & P	SETTING=(1-8) and EUSEPHOUT=(3,4)	Physicians caring for ambulatory patients at an eligible setting and who rarely/never use patient health information electronically received from outside their organization
Q41a(5)	REASON5	If rarely or never used, please indicate the reason(s) why. CHECK ALL THAT APPLY.  Information not useful (e.g., redundant or unnecessary information)	0 Box is not marked 1 Box is marked -7 Not applicable		N	3	R & P	SETTING=(1-8) and EUSEPHOUT=(3,4)	Physicians caring for ambulatory patients at an eligible setting and who rarely/never use patient health information electronically received from outside their organization
Q41a(6)	REASON6	If rarely or never used, please indicate the reason(s) why. CHECK ALL THAT APPLY.  Difficult to find necessary information	0 Box is not marked 1 Box is marked -7 Not applicable		N	3	R & P	SETTING=(1-8) and EUSEPHOUT=(3,4)	Physicians caring for ambulatory patients at an eligible setting and who rarely/never use patient health information electronically received from outside their organization
Q42a	HIEQOC	<i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i>  Please indicate your level of agreement with each of the following statements.  Electronically exchanging clinical information with other providers outside my medical organization _____  "...improves my practice's quality of care."	1 Strongly agree 2 Somewhat agree 3 Somewhat disagree 4 Strongly disagree -7 Not applicable -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q42b	HIEEFF	<i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i>  Please indicate your level of agreement with each of the following statements.  Electronically exchanging clinical information with other providers outside my medical organization _____  "...increases my practice's efficiency."	1 Strongly agree 2 Somewhat agree 3 Somewhat disagree 4 Strongly disagree -7 Not applicable -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting

Variable Origin	Variable Name	Question Text	Response Value Options	Response Description Options	Character (C) or Numeric (N)	Length	Restricted (R) or Public Use (P) File	Universe	Universe Description
Q42c	HIEPRVRXER	<p><i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i></p> <p>Please indicate your level of agreement with each of the following statements.</p> <p>Electronically exchanging clinical information with other providers outside my medical organization _____.</p> <p>"...prevents medication errors."</p>	<p>1 Strongly agree</p> <p>2 Somewhat agree</p> <p>3 Somewhat disagree</p> <p>4 Strongly disagree</p> <p>-7 Not applicable</p> <p>-9 Blank</p>		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q42d	HIECARE	<p><i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i></p> <p>Please indicate your level of agreement with each of the following statements.</p> <p>Electronically exchanging clinical information with other providers outside my medical organization _____.</p> <p>"...enhances care coordination."</p>	<p>1 Strongly agree</p> <p>2 Somewhat agree</p> <p>3 Somewhat disagree</p> <p>4 Strongly disagree</p> <p>-7 Not applicable</p> <p>-9 Blank</p>		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q42e	HIEDUPTST	<p><i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i></p> <p>Please indicate your level of agreement with each of the following statements.</p> <p>Electronically exchanging clinical information with other providers outside my medical organization _____.</p> <p>"...reduces duplicate test ordering."</p>	<p>1 Strongly agree</p> <p>2 Somewhat agree</p> <p>3 Somewhat disagree</p> <p>4 Strongly disagree</p> <p>-7 Not applicable</p> <p>-9 Blank</p>		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q43a	LACKCAP	<p><i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i></p> <p>Please indicate whether these issues are barriers to electronic information exchange <u>with providers outside your medical organization</u>.</p> <p>Providers in our referral network lack the capability to electronically exchange (e.g., no EHR system or HIE connection).</p>	<p>1 Yes</p> <p>2 No</p> <p>-7 Not applicable</p> <p>-8 Don't know</p> <p>-9 Blank</p>		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q43b	ITSTAFF	<p><i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i></p> <p>Please indicate whether these issues are barriers to electronic information exchange <u>with providers outside your medical organization</u>.</p> <p>We have limited or no IT staff.</p>	<p>1 Yes</p> <p>2 No</p> <p>-7 Not applicable</p> <p>-8 Don't know</p> <p>-9 Blank</p>		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q43c	HIECOSTOUT	<p><i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i></p> <p>Please indicate whether these issues are barriers to electronic information exchange <u>with providers outside your medical organization</u>.</p> <p>Electronic exchange involves incurring additional costs.</p>	<p>1 Yes</p> <p>2 No</p> <p>-7 Not applicable</p> <p>-8 Don't know</p> <p>-9 Blank</p>		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting

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Q43d	MULPORTOUT	<i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i>  Please indicate whether these issues are barriers to electronic information exchange <u>with providers outside your medical organization.</u>  Electronic exchange involves using multiple systems or portals.	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q43e	EVENDOROTH	<i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i>  Please indicate whether these issues are barriers to electronic information exchange <u>with providers outside your medical organization.</u>  Electronic exchange with providers using a different EHR vendor is challenging.	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q43f	INFOHIE	<i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i>  Please indicate whether these issues are barriers to electronic information exchange <u>with providers outside your medical organization.</u>  The information that is electronically exchanged is not useful.	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q43g	ELOCATADD	<i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i>  Please indicate whether these issues are barriers to electronic information exchange <u>with providers outside your medical organization.</u>  It is difficult to locate the electronic address of providers.	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q43h	LOSEPAT	<i>Information exchange refers to electronically sending, receiving, finding, or integrating patient health information.</i>  Please indicate whether these issues are barriers to electronic information exchange <u>with providers outside your medical organization.</u>  My practice may lose patients to other providers if we exchange information.	1 Yes 2 No -7 Not applicable -8 Don't know -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q44	TIMEOUT	<i>For the next questions, medical record system includes paper-based and EHR systems.</i>  On average, how many hours <u>per day</u> do you spend <u>outside of normal office hours</u> documenting clinical care in your medical record system?	1 None 2 Less than 1 hour 3 1 to 2 hours 4 Greater than 2 hours to 4 hours 5 More than 4 hours -7 Not applicable -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q45	STAFFSUP	<i>For the next questions, medical record system includes paper-based and EHR systems.</i>  Do you have staff support (e.g., scribe) to assist you with documenting clinical care in your medical record system?	1 Yes 2 No -7 Not applicable -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting

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Q46	EASEDOC	<i>For the next questions, medical record system includes paper-based and EHR systems.</i>  How easy or difficult is it to document clinical care using your medical record system?	1 2 3 4 -7 -9	Very easy Somewhat easy Somewhat difficult Very difficult Not applicable Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q47a	TIMEDOC	<i>For the next questions, medical record system includes paper-based and EHR systems.</i>  Please indicate whether you agree or disagree with the following statements about using your medical record system.  The amount of time I spend documenting clinical care is appropriate.	1 2 3 4 -7 -9	Strongly agree Somewhat agree Somewhat disagree Strongly disagree Not applicable Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q47b	TIMEPAT	<i>For the next questions, medical record system includes paper-based and EHR systems.</i>  Please indicate whether you agree or disagree with the following statements about using your medical record system.  The amount of time I spend documenting clinical care does not reduce the time I spend with patients.	1 2 3 4 -7 -9	Strongly agree Somewhat agree Somewhat disagree Strongly disagree Not applicable Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q47c	TIMEBILL	<i>For the next questions, medical record system includes paper-based and EHR systems.</i>  Please indicate whether you agree or disagree with the following statements about using your medical record system.  Additional documentation required solely for billing but not clinical purposes increases the overall amount of time I spend documenting clinical care.	1 2 3 4 -7 -9	Strongly agree Somewhat agree Somewhat disagree Strongly disagree Not applicable Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q48	DOCALIGN	Clinical care documentation requirements for private insurers generally align with Medicare requirements.	1 2 3 4 -7 -9	Strongly agree Somewhat agree Somewhat disagree Strongly disagree Not applicable Blank	N	3	R & P	SETTING=(1-8)	Physicians caring for ambulatory patients at an eligible setting
Q50	WCOMPEMR	Who completed this survey? (CHECK ALL THAT APPLY)	1 2 3 -9	The physician to whom it was addressed Office staff Other Blank	N	3	R & P	All	All physicians
Admin Box 2	COMPTYPE	How the survey was completed	1 2 3 4 -7	Mail Telephone Web Help desk Not applicable	N	3	R & P	All	All physicians
Keyed 1	WAVECOMP	Wave the survey was completed	1 2 3 4 5 6 -7	1st mailing 2nd mailing 3rd mailing Survey completed over the phone Web No data for this participant Not applicable	N	3	R & P	All	All physicians
Sample File Recode	MDDO	Type of doctor (MD/DO)	1 2	MD DO	N	3	R & P	All	All physicians
Sample File Recode	SAMPLEMSA	Sampled metropolitan statistical area (MSA) status (2 category)	1 2	MSA Non-MSA	N	3	R	All	All physicians
Created	SAMPWGT	Physician sample weight	1-1276	Valid range	N	8	R	All	All physicians

Variable Origin	Variable Name	Question Text	Response Value Options	Response Description Options	Character (C) or Numeric (N)	Length	Restricted (R) or Public Use (P) File	Universe	Universe Description
Sample File	PHYSEX	Sex of physician	1 Female 2 Male -9 Blank		N	8	R & P	All	All physicians
Sample File Recode	MDAGE	Age group (in years) of physician (5 category)	1 Under 35 years 2 35-44 years 3 45-54 years 4 55-64 years 5 65-84 years -9 Blank		N	8	R	All	All physicians
Sample File Recode	PAGE50	Age group (in years) of physician (2 category)	1 Under 50 years 2 50 years and over -9 Blank		N	8	R & P	All	All physicians
Created	REGION	U.S. region of the office where the physician sees the most ambulatory patients	1 Northeast 2 Midwest 3 South 4 West		N	3	R	All	All physicians
Recode	MSA	Metropolitan statistical area (MSA) status (2 category) of office where the physician sees the most ambulatory patients	1 MSA 2 Non-MSA		N	3	R	All	All physicians
Derived	URBANRU	Urban-rural classification	1 Large central metropolitan 2 Large fringe metropolitan 3 Medium metropolitan 4 Small metropolitan 5 Micropolitan (non-metropolitan) 6 Non-core (non-metropolitan) -9 Blank		N	3	R	All	All physicians
ARF Derived	ARFPRIMARYSA	HPSA Measure: Population to FTE primary care provider ratio (as of May 2018)	0 None of the county designated as shortage area 1 Whole county designated as a shortage area 2 Part of county designated as a shortage area		N	3	R	All	All physicians
ARF Derived	ARFMENTALSA	HPSA Population to FTE mental health care provider ratio (as of May 2018)	0 None of the county designated as shortage area 1 Whole county designated as a shortage area 2 Part of county designated as a shortage area		N	3	R	All	All physicians
ARF Derived	ARFHYY	Median household income, 2016	0-999,999 Valid range -9 Blank		N	4	R	All	All physicians
ARF Derived	ARFPPOV	Percent where income is below poverty level, 2016	0.00-100.00 Valid range -9 Blank		N	8	R	All	All physicians
ARF Derived	ARFPMCAID	Medicaid discharges per 1,000 population, 2016	0.00-999.99 Valid range -9 Blank		N	8	R	All	All physicians
ARF Derived	ARFP65	Percent of population who is 65 years and over, 2016	0.00-100.00 Valid range -9 Blank		N	8	R	All	All physicians
ARF Derived	ARFGROTOT	Percent change in total population, 2007 to 2017	-999.99 to 998.99 Valid range 999 Blank		N	8	R	All	All physicians
ARF Derived	ARFGRO65	Percent change in population 65 years and over, 2011 to 2016	-999.99 to 998.99 Valid range 999 Blank		N	8	R	All	All physicians
ARF Derived	ARFPWNH	Percent of population who is white, not-Hispanic, 2016	0.00-100.00 Valid range -9 Blank		N	8	R	All	All physicians
Derived	DISPEMR	Final disposition for NEHRS	1 Complete (phone, mail, or web) 2 Eligible - refused 3 Ineligible or out-of-scope 4 Unlocatable 5 Unknown eligibility - refusal 6 Eligible - partially complete 7 Unknown eligibility - partially complete		N	8	R & P	All	All physicians
Q20	EHRNAME	What is the name of your primary EHR system? CHECK ONLY ONE BOX. IF OTHER IS CHECKED, PLEASE SPECIFY THE NAME.	1 Allscripts 2 Amazing Charts 3 athenahealth 4 Cerner 5 eClinical Works 6 e-MDs 7 Epic 8 GE/Centricity 9 Modernizing Medicine 10 NextGen 11 Practice Fusion 12 Sage/Vitera/Greenway 13 Other, specify 14 Unknown -7 Not applicable		N	8	R & P	SETTING=(1-8) and EMEDREC=1	Physicians caring for ambulatory patients at an eligible setting and reporting location uses an EHR system
Sample=PHYID	PROVIDE	Provider code	80000-81999 Valid range		N	8	R	All	All physicians
Derived	SUBFILE	National Health Care Surveys survey identifier	1 NEHRS		N	8	R	All	All physicians
Recode	MULTIR1	Practice type: solo and multiple practices	1 Single-specialty practice 2 Multi-specialty practice 3 Solo practice -7 Not applicable -9 Blank		N	3	R & P	SETTING=(1-8)	Physicians seeing ambulatory patients at an eligible setting

Variable Origin	Variable Name	Question Text	Response Value Options	Response Description Options	Character (C) or Numeric (N)	Length	Restricted (R) or Public Use (P) File	Universe	Universe Description
Recode	LOCSIZCAT	Size of the office with the most ambulatory care patients (in groups)	1 2 3 4 5 -7 -9	Solo practice Two physicians 3-5 physicians 6-10 physicians 11+ physicians Not applicable Blank	N	8	R & P	SETTING=(1-8)	Physicians seeing ambulatory patients at an eligible setting