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## National Electronic Health Records Survey 2016

The National Electronic Health Records Survey is affiliated with the National Ambulatory Medical Care Survey (NAMCS). The purpose of the survey is to collect information about the adoption of electronic health records/electronic medical records (EHRs/EMRs) in ambulatory care settings. Your participation is greatly appreciated. Your answers are completely confidential. Participation in this survey is voluntary. If you have questions or comments about this survey, please call 866-966-1473.

1.	We have your specialty as:	4.		you see ambulatory patients in any opening settings? CHECK ALL THAT	
	Is that correct?		1□	Private solo or group practice	
	□1 Yes □2 No → What is your specialty?		2□	Freestanding clinic/urgicenter (not part of a hospital outpatient department)	
	This survey asks about <b>ambulatory care</b> , that is, care		3□	Community Health Center (e.g., Federally Qualified Health Center [FQHC], federally funded clinics or	
	for patients receiving health services without admission to a hospital or other facility.		4□	"look-alike" clinics) Mental health center	If you see patients in
2.	Do you directly care for any ambulatory patients in your work?		5□	Non-federal government clinic (e.g., state, county, city, maternal and child health, etc.)	any of these settings,
	☐1 Yes ————— Continue to Question 3  Please stop here and return		6□	Family planning clinic (including Planned Parenthood)	go to Question 5
	□2 No  □3 I am no longer in practice  □3 I am no longer in practice		7□	Health maintenance organization or other prepaid practice (e.g., Kaiser Permanente)	
We	The next question asks about a <u>normal week</u> .  define a normal week as a week with a normal caseload, with no holidays, vacations, or conferences.		8□	Faculty practice plan (an organized group of physicians that treats patients referred to an academic medical center)	
3.	hospital emergency or hospital outpatient departments) do you see ambulatory patients in a normal week?		9□ 10□	,	If you select <u>only</u> 9 or 10, go to
	Locations				Question 43
5.	At which of the settings (1-8) in question 4 do you see  WRITE THE NUMBER LOCATED NEXT TO THE BOX YOU CH  (For the rest of the survey, we will refer to this as the	IEC	KED.		
	For the remaining questions, please answer regar even if it is not the location v				5
6.	What are the county, state, zip code, and telephone nu	mb	er of	the <u>reporting location</u> ?	
	Country USA County			State	_
	Zip Code Telephone	(		)	

7.	How many physicians	s includin	a voli	work	at this	16.	Wh	o owns the rep	oorting location	? CHECK ONE.
ļ' .	practice (including plant and physicians at any	nysicians a	at the r	eporti	ing location,		□1	Physician or ph	ysician group	
	□1 1 physician	□4 11 <b>-</b> 50	physici	ans			□2	Insurance comp	pany, health plan,	or HMO
	☐2 2-3 physicians						□3	Community hea	alth center	
	☐3 4-10 physicians	□6 More	than 10	0 phys	icians		□4	Medical/acader	nic health center	
8.	How many physicians			work	at the		□5	Other hospital		
	reporting location? _						□6	Other health car	e corporation	
9.	Is the reporting locati (group) practice?	ion a singl	e- or m	nulti-s	pecialty			Other	·	
	□1 Single	□2 Multi				17.	Has	s your reportin	g location beer	n recognized as a
	How many mid-level physician assistants, associated with the re Mid-level pro	and nurse eporting lo	midw ecation	rives)  ?	are		suc Ass	nmercial healt th as the Natio surance (NCQ/ Accreditation re (AAAHC)?	h plan, or a nat nal Committee A), the Joint Co Association fo	mmission, URAC, or r Ambulatory Health
	new patients?							□1 Yes	□2 No	☐3 Don't know
	☐1 Yes ☐2 No (Skip to 13)					18.			g location parti	icipate in an (ACO) arrangement
	☐3 Don't know (Skip to 13)						witl	h Medicare or	private insurers	s? An ACO is an entity
12.	12. If yes, from those new patients, which of the following types of payment do you accept?					typically composed of primary care physicians, specialists, and hospitals, and held financially accountable for the cost and quality of care del defined group of patients.				
			Yes	No	Unknown		ucii			
	Private insurance capit		□1	□2	□3			□1 Yes	□2 No	☐3 Don't know
	Private insurance non-	capitated	□1	□2	□3	10	Ect	imata tha anni	rovimato numb	er of years you have
-	Medicare		□1	□2	□3	19.				d (EHR) system? Do
	Medicaid/CHIP		□1	□2	□3		not	include billing	g record systen	ns.
	Workers' compensation	n	□1	□2	□3			☐ Never use	d an EHR system	
-	Self-pay		□1 _	□2 _	□3			☐ Under 1 ye	ear	
7.	No charge		□1	□2	□3			<u>'</u>	year(s)	
13.	What percent of your	patients a	re insu	ıred b	y Medicaid?	20.	□1	Yes		an EHR system?
	%							No (Skip to 22	•	
	70						□3	Don't know (Ski	o to 22)	
14.	Do you treat patients  □1 Yes	insured by □2 No		care?  Bon't		21.	(ce		defined by the	aningful use criteria Department of
	⊔: 162	⊔∠ INU	LIS	י ייייטטוונ	NI IOW		1100	□1 Yes	□2 No	□3 Don't know
15.	Is this medical organi Independent Practice Hospital Organization	Associati				22.		ew EHR syster	ocation, are the m within the ne	
	□1 Yes	□2 No		B Don't	know			□1 Yes	□2 No	□3 Don't know

below. CHEC	crief the reporting location us EK NO MORE THAN ONE BOX orting location use a comput	PER I	ROW.	izeu capabilities lis	ıcu	Yes	No	Don't know
	Record patient history & d	lemogr	aphic information?					
	Record patient problem lis	st?						
BASIC COMPUTERIZED CAPABILITIES	Record patients' allergies							
	Record clinical notes?							
	View lab results?							
	View imaging reports?							
	Order prescriptions?							
	Are prescriptions sen	t electr	onically to the phar	macy?				
	Are warnings of drug	interac	tions or contraindi	cations provided?				
SAFETY	Order lab tests?							
SAFETY Order radiology tests?								
	Provide reminders for guideline-based interventions or screening tests?  Reconcile lists of patient medications to identify the most accurate list?		)					
	Reconcile lists of patient r	nedica	tions to identify the	most accurate list?				
PATIENT	Provide patients with clini	cal sur	nmaries for each vi	sit?				
ENGAGEMENT	Exchange secure message	es with	patients?					
	Identifying patients due fo		<u> </u>					
POPULATION MANAGEMENT	Providing data to generate conditions?	e lists of patients with particular health						
MANAGEMENT	Providing data to create re specific chronic condition				/ith			
providers? If shealth information	patients to the following so, how do you send patient ation to them? Electronic de fax, eFax, or mail.	No	Yes, we send patient health information electronically (EHR, webportal or online registries)	Yes, we send patient health information via paper-based methods (Fax, eFax, or mail)	healt both an	Yes, send patien h informati electronica d via paper ed methods	on send Ily heal info	Yes, lo not I patient th mation to provider
Ambulatory care pr	oviders outside your organization							
Ambulatory care pr	oviders within your organization							
Hospitals unaffiliate	ed with your organization							
Hospitals affiliated	with your organization							
Behavioral Health p	providers							
Long-term care pro	viders							

25. Do you see patients from the following providers? If so, how do you receive patient health information from them? Electronic does not include fax, eFax, or mail.	No	Yes, we receive patient health information electronically (EHR, webportal or online registries)	Yes, we receive patient health information via paper-based methods (Fax, eFax, or mail)	Yes, we receive patient health information both electronically and via paper based methods	Yes, we do not receive patient health information from the provider
Ambulatory care providers outside your organization					
Ambulatory care providers within your organization					
Hospitals unaffiliated with your organization					
Hospitals affiliated with your organization					
Behavioral Health providers					
Long-term care providers					
eFax, or mail?  1 Yes (Skip to 32) 2 No 3 Don't know  27. Do you send or receive patient health i pdf documents from fax, eFax, or mail.  1 Yes 2 No (Skip to 32) 3 Don't know (Skip to 32)  28. Do you electronically send patient health your own?  1 Yes 2 No 3 Don't know  29. Do you electronically receive patient heaft from your own?  1 Yes 2 No 3 Don't know  29. Do you oelectronically receive patient heaft from your own?	h inforn	nation to another p	provider whose EHR	system is different (	from

30. For providers outside of your medical organization, do you electronically send and receive, send only, or receive only the following types of patient health information?	Both Send and Receive Electronically	Send Electronically Only	Receive Electronically Only	Do not Send or Receive Electronically
Medication lists	□1	□2	□3	□4
Patient problem lists	□1	□2	□3	□4
Medication allergy lists	□1	□2	□3	□4
Imaging reports	□1	□2	□3	□4
Laboratory results	□1	□2	□3	□4
Public health registry data (e.g., immunizations, cancer)	□1	□2	□3	□4
Clinical registries	□1	□2	□3	□4
Hospital discharge summaries			□3	□4
Emergency Department notifications			□3	□4
Summary of care records for transitions of care or referrals	□1	□2	□3	□4
Patient-generated data (e.g. data from self-monitoring devices or mobile health applications)			□3	□4

31. When electronically receiving information from other providers, do you integrate the following types of patient health information into your EHR without special effort like manual entry or scanning?	Yes	No	Don't know	Not Applicable
Medication lists	□1	□2	□3	□4
Patient problem lists	□1	□2	□3	□4
Medication allergy lists	□1	□2	□3	□4
Imaging reports	□1	□2	□3	□4
Laboratory results	□1	□2	□3	□4
Public health registry data (e.g., immunizations, cancer)	□1	□2	□3	□4
Referrals (e.g., referral requests or reports)	□1	□2	□3	□4
Hospital discharge summaries	□1	□2	□3	□4
Emergency Department notifications	□1	□2	□3	□4
Summary of care records for transitions of care or referrals	□1	□2	□3	□4
Patient-generated data (e.g. data from self-monitoring devices or mobile health applications)	□1	□2	□3	□4

Yes	No	Don't Know
1□	2□	3□
1□	2□	3□
1□	2□	3□
1□	2□	3□
1□	2□	3□
1□	2□	3□
	1	1 2 2 1 2 1 2 1 2 1 2 1 1 2 1 2 1 1 2 1 2 1 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1

33. Within the last 30 days has your EHR system	Yes	No	Not Applicable
Alerted you to a potential medication error?	1□	2□	3□
Led to a potential medication error?	1□	2□	3□
Inadvertently led you to select the wrong medication or lab order from a list?	1□	2□	3□
Led to less effective communication during patient visits?	1□	2□	3□
Made it difficult for you to find clinical content needed for medical decision making?	1□	2□	3□
Sent you too many alerts, causing you to overlook something important?	1□	2□	3□
Alerted you to critical lab values?	1□	2□	3□
Reminded you to provide preventive care (e.g., vaccine, cancer screening)?	1□	2□	3□
Reminded you to provide care that meets clinical guidelines for patients with chronic conditions?	1□	2□	3□
Facilitated direct communication with a patient (e.g., email or secure messaging)?	1□	2□	3□
Facilitated direct communication with other providers who are part of your patient care team?	1□	2□	3□
Enhanced overall patient care?	1□	2□	3□

34.	staff	have clinical in	form	•	tside	e encounters elec	ctron	organization, how often do you or your ically available at the point of care?
	□1	Often	□2	Sometimes	□3	Rarely	□4	Never
	□5	Don't Know	□6	I do not see patients of	outsid	le my medical orga	nizati	ion

These questions ask about electronically searching, finding, or querying patient health information from sources outside your medical organization.

Lab results  Patient problem lists  Imaging reports  Medication lists		
Imaging reports	_	
Medication lists		
Medication allergy list		
Discharge summaries		
Vaccination history		
Advance directives		
Care plans		
□1 Yes □2 No (Skip to 41) □3 Don't Know (Skip to	41) controlled sub	
	Discharge summaries  Vaccination history  Advance directives  Care plans  39. Do you prescribe continuity and yes  1 Yes  1 No (Skip to 41)  1 Jon't Know (Skip to 41)  40. Are prescriptions for continuity and yes  1 Yes  1 Yes  1 Yes  1 Yes	Medication lists

41. To what extent do you agree or disagree with the following statements.	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Not Applicable
Electronic information exchange with providers outside my organization gives me access to the patient health information I need.	□1	□2	□3	□4	□5
Electronically sending clinical information to providers outside my organization is easy to do using my EHR.	□1	□2	□3	□4	□5
Electronically receiving clinical information from other providers is easy to do using my EHR	□1	□2	□3	□4	□5
Electronic information exchange with providers outside my organization improves my ability to coordinate care for my patients.	□1	□2	□3	□4	□5
Electronic information exchange with other providers reduces duplicate test ordering.	□1	□2	□3	□4	□5
Electronic information exchange with providers outside my organization is cumbersome to do with our EHR.	□1	□2	□3	□4	□5
Electronic information exchange with providers outside my organization prevents medication errors.	□1	□2	□3	□4	□5
Electronic information exchange with providers outside my organization is difficultbecause providers in my referral network do not have the capability to exchange data electronically.	□1	□2	□3	□4	□5
Electronic information exchange with providers outside my organization provides me with clinical information that I can trust.	□1	□2	□3	□4	□5
Electronic information exchange with providers outside my organization increases my practice's vendor costs.	□1	□2	□3	□4	□5

42.	Wha	at is a reliable E-mail address for the physician t	o who	om this survey was r	naile	d?
43.	Who	o completed this survey?				
	□1	The physician to whom it was addressed	□2	Office staff	□3	Other

Thank you for your participation. Please return your survey in the envelope provided. If you have misplaced the envelope, please send the survey to: 2605 Meridian Parkway, Suite 200, Durham, NC 27713.