National Ambulatory Medical Care Survey

OMB No. 0920-0234: Approval expires 03/31/2013

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Physician Workflow Supplement Year 2012

The purpose of the Physician Workflow study is to collect information about the experiences office-based physicians are having with and without **electronic health records (EHR)**. Your participation is greatly appreciated and voluntary. Your answers are completely confidential. If you have questions or comments about this survey, please call 866-966-1473.

This survey asks about **ambulatory care**, that is, care for patients receiving health services without admission to a hospital or other facility

receiving h	nealth services without admis	ssion to a hospital or other facility				
Do you directly care for any am your work?	nbulatory patients in	4. At which of the settings in <u>question 2</u> do you see the most ambulatory patients? WRITE THE NUMBER NEXT TO THE BOX YOU CHECKED.				
□1 Yes Col	ntinue to Question 2.					
retu	ease stop here and urn the questionnaire in	For the remaining questions, please answer regarding the				
	e envelope provided. ank you for your time.	reporting location indicated in question 3 even if it is not the location where this survey was sent.				
2. Overall, at how many office loca ambulatory patients in a norma	-	5. What are the county, state, zip code and telephone number of the <i>reporting location</i> ?				
locations		Country USA County				
3. Do you see ambulatory patients following settings? CHECK AL	-	State Zip Code				
☐1 Private solo or group practice		Telephone () -				
☐2 Freestanding clinic/urgicenter (hospital outpatient department)	(not part of a	6. Is the reporting location a solo practice, or are you associated with other physicians in a partnership, in				
☐3 Community Health Center (e.g. Qualified Health Center (FQHC) clinics or "look alike" clinics)		a group practice or in some other way? □1 Solo → Skip to Question 7				
□4 Mental health center						
□5 Non-federal government clinic (county, city, maternal and child		↓ 6a. How many? physicians				
☐6 Family planning clinic (including	g Planned Parenthood)	physicians				
□7 Health maintenance organization prepaid practice (e.g., Kaiser Perepaid practice)		7. Approximately how many of the following types of staff do you have?				
☐8 Faculty practice plan		Number of midlevel providers (NP, PA)				
□9 None of the above		Number of clinical staff (RN, MA)				
If you answered none of the above	in guartian 2	Number of administrative/ non-clinical staff				
skip to question 34) .	in question 3,	8. Is the reporting location a single- or multi-specialty				
If you checked any of the boxes 1-8	<u>8</u> in question 3,	(group) practice?				
continue to question 4.		□1 Single □2 Multi				

9.	Who	owns the reporting location? CHECK ONE.	13. Medicare and Medicaid offer incentives to practices					
	□1	Physician or physician group	that demonstrate "meaningful use of health IT". At					
	□2	Insurance company, health plan, or HMO	the reporting location, are there plans to apply for these incentive payments?					
	□3	Community health center						
	□4	Medical/academic health center	□1 Yes, we already applied					
	□5	Other hospital	□2 Yes, we intend to apply					
	□6	Other health care corporation	☐3 No, we will not apply					
10.		Other he reporting location, do you participate in a lified Patient-centered medical home arrangement? □1 Yes, we participate □2 No, but we plan to participate □3 No and we don't plan to participate	Please indicate the reason for not applying CHECK ALL THAT APPLY: Do not meet eligibility criteria No plans to purchase an EHR Lack of resources to apply Process to apply is difficult					
		□4 Uncertain	☐ Unfamiliar with incentive program					
11.	for p	he reporting location, do you participate in a Pay performance arrangement in which you can receive incial bonuses based on your performance	 □ Plan to retire soon, so not interested □ Uncertain whether will actually receive incentives 					
		□1 Yes, we participate	☐ Not ready to implement electronic					
		□2 No, but we plan to participate	prescribing					
		☐3 No and we don't plan to participate	☐ Other, please describe:					
		□4 Uncertain	□4 Uncertain if we will apply					
12.	Acco	he reporting location, do you participate in an ountable care arrangement by which you have red saving with Medicare or private insurers?	14. Overall, how satisfied are you with practicing medicine?					
		□1 Yes, we participate	□1 Very satisfied					
		\Box 2 No, but we plan to participate	□2 Somewhat satisfied					
		□3 No and we don't plan to participate	☐3 Somewhat dissatisfied					
		□4 Uncertain	□4 Very dissatisfied					

15. Please indicate whether you agree or disagree with the following statements.	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
It is possible to provide high quality care to all my patients.	1□	2	3□	4□
I spend enough time with my patients during their office visits.	1□	2□	3□	4□

Recording and charting vital signs?

16. Please tell us about your patient medical records system for the following tasks, include whether the process is computerized, how easy or difficult it is and whether this is a		Is this process computerized?		How easy or difficult is this to your current medical record s			Does your practice do this routinely?	
difficult it is, and whether this is a routine task for the clinic.	Yes	No	Very Easy	Somewhat easy	Somewh at difficult	Very Difficult	Yes	No
Population management								
Generate a list of patients by diagnosis	1 🗆	2	1 🗆	2	3□	4□	1□	2
Generate a list of patients by lab result	1□	2□	1 🗆	2□	3□	4□	1□	2
Generate a list of patients by vital signs (e.g., blood pressure)	1□	2□	1□	2□	3□	4□	1□	2□
Generate a list of patients due or overdue for tests or preventive care	1□	2□	1□	2□	3□	4□	1□	2□
Track patients who have missed appointments	1□	2□	1 🗆	2	3□	4□	1□	2
Send patients reminders for preventive or follow up care	1□	2	1□	2□	3□	4□	1 🗆	2
Quality improvement								
Generate reports on the quality of care delivered to patients with specific chronic conditions (i.e. H1AC control for diabetic patients)	1□	2□	1□	2□	3□	4□	1□	2
Generate reports on quality of care by patient demographic characteristics (e.g., race, ethnicity)	1□	2□	1□	2	3□	4□	1	2
Submit clinical care measures to payers (e.g., blood pressure control, HA1C, smoking status)	1□	2□	1□	2	3□	4□	1	2
Patient communication/access to health data								
Provide patients with a clinical summary for each visit	1 🗆	2	1 🗆	2	3□	4□	1□	2
Exchange secure messages with patients	1 🗆	2□	1 🗆	2	3□	4□	1 🗆	2
Provide patients with a copy of their health information	1 🗆	2□	1 🗆	2	3□	4	1□	2
Provide a record of patient advanced directives	1	2□	1 🗆	2□	3□	4□	1 🗆	2
Coordination of Care								
Track referral completion	1 🗆	2	1 🗆	2	3□	4□	1 🗆	2
Obtain information needed to continue managing a								
patient post-hospital discharge	1 🗆	2	1 🗆	2	3□	4□	1 🗆	2
Share patient clinical information with other providers treating your patient	1□	2□	1 🗆	2□	3□	4□	1 🗆	2
treating your patient								
17 Please indicate whether the reporting location <u>has</u> each of the <u>computerized capabilities</u> listed below and how often these capabilities are used. CHECK NO MOR THAN ONE BOX PER ROW.	E	Yes, used utinely	Yes, but <u>nc</u> used rout	but turn	ed off	No	Unk	known
Recording patient history and demographic information	1?	1 🗆	2□	3□		4□	Ę	5 🗆

Please indicate whether the reporting location has each of the computerized capabilities listed below and low often these capabilities are used. CHECK NO MORE HAN ONE BOX PER ROW.	Yes, used routinely	Yes, but <u>not</u> used routinely	Yes, but turned off or not used		No	Unknown
ecording patient history and demographic information?	1□	2□	3□		4□ Skip to 18b	5□ Skip to 18b
. If yes, does this include a patient problem list?	1 🗆	2	3□	ì	4□	5□
ecording and charting vital signs?	1□	2□	3□		4□	5□
				•		

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17 Please indicate whether the reporting location has each of the computerized capabilities listed below and how often these capabilities are used. CHECK NO MORE THAN ONE BOX PER ROW.	Yes, used routinely	Yes, but <u>not</u> used routinely	Yes, but turned off or not used	No	Unknown
. Recording patient smoking status?	1□	2□	3□	4□	5□
. Recording clinical notes?	1□	2□	3□	4□ Skip to 18e	5□ Skip to 18e
. If yes, do the notes include a list of the patient's medications and allergies?	1□	2□	3□	4□	5□
Ordering prescriptions?	1□	2□	3□	4□ Skip to 18f	5□ Skip to 18f
. If yes, are prescriptions sent electronically to the pharmacy?	1□	2□	3□	4□	5□
If yes, are warnings of drug interactions or contraindications provided?	1□	2□	3□	4□	5□
Providing reminders for guideline-based interventions or screening tests?	1□	2□	3□	4□	5□
. Providing standard order sets related to a particular condition or procedure?	1□	2□	3□	4□	5□
Ordering lab tests?	1□	2□	3□	4□ Skip to 18i	5□ Skip to 18i
. If yes, are orders sent electronically?	1□	2□	3□	4□	5□
Viewing lab results?	1□	2□	3□	4□ Skip to 18j	5□ Skip to 18j
Viewing imaging results?	1□	2□	3□	4□	5□
. Electronic reporting to immunization registries?	1□	2□	3□	4□ Skip to 18o	5□ Skip to 18o
If yes, reported in standards specified by Meaningful Use criteria?	1□	2□	3□	4□	5□

18. To what extent do you view the following as a barrier to adopting an EHR system?	Major Barrier	Minor Barrier	Not a Barrier
Reaching consensus within the practice to select an EHR	1□	2□	3□
Finding an EHR system that meets your practice's needs	1□	2□	3□
Effort needed to select an EHR system	1□	2□	3□
Cost of purchasing an EHR system	1□	2□	3□
Ability to secure financing for an EHR system	1□	2□	3□
Annual cost of maintaining an EHR system	1□	2□	3□
Loss of productivity during the transition to an EHR system	1□	2□	3□
Adequacy of training for you and your staff	1□	2□	3□
Adequacy of EHR technical support	1□	2□	3□
Access to high speed Internet (e.g., broadband, cable)	1□	2□	3□
Reliability of the system (e.g., EHR down or unavailable when needed)	1□	2□	3□
Resistance of your practice to change work habits	1□	2□	3□
Lack of demonstrated value of EHR	1□	2□	3□

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19. How like	ely do you think an EHR system	would be able to:	Very Likely	Somewhat Likely	Not at all Likely	Not Applicable
Alert you t	o potential medication errors?		1□	2□	3□	4□
Lead you	o potential medication errors?		1 🗆	2□	3□	4□
	ou to provide care that meets clinic ith chronic conditions?	al guidelines for	1□	2□	3□	4□
Help you	order fewer tests due to better avai	lability of lab results?	1□	2□	3□	4□
Facilitate of secure me	lirect communication with a patien ssaging)	t (e.g., email or	1□	2□	3□	4□
Enhance of	verall patient care?		1 🗆	2□	3□	4□
Reminded screening)	you to provide preventive care (e.?	g., vaccine, cancer	1□	2□	3□	4□
Helped yo	u identify needed lab tests (such a	s HbA1c or LDL)?	1□	2□	3□	4□
Helped yo formulary	u order more on-formulary drugs (a drugs)?	as opposed to off-	1□	2□	3□	4□
Helped yo home)?	u access a patient's chart remotely	y (e.g., to work from	1□	2□	3□	4□
	ich of an influence did or would on to adopt an EHR system?	each of the following h	nave on	Major Influence to Adopt	Minor Influence to Adopt	Not an Influence
Governmen	t incentive payments for EHR use			1□	2□	3□
•	nancial penalties for not using an E	HR		1□	2□	3□
	Availability of government-certified products			1□	2□	3□
	Assistance with selecting an EHR system			1 🗆	2	3□
	ssistance with EHR implementation			1 🗆	2□	3□
•	s being used by trusted colleague		otuvo rle	1 <u></u>	2□ _	3 🗆
	f exchanging information electronic t to use an EHR for maintenance	•	etwork	1	2□	3 🗆
					2 🗆	3 🗆
and imaging r An EHR IS NO office, or hosp	emputerized patient medical file integ esults, and clinical summaries. EHRs r <u>T</u> a billing or practice management sy pital BY faxing, photocopying, or print a a paper-based record.	nay also include functions f stem. An EHR is NOT obta	for compute ining medic	erized order entry cal information fro	and clinical de om another pro	cision support vider, physicia
1□ We 2□ We 3□ We 4□ We 22. In which y	of the following best desc do not have an EHR system (Skip are not actively using an EHR system are actively using an EHR system are actively using an EHR system ear did you install your EHR system (YYYY):/_/	to 33) tem but have one installed that was installed more that was installed within stem? 24. Which	ed. (Skip to than 12 mo the past 1	o 33) onths ago (GO	TO 21). TO 21)	
3. What is the	e name of your current EHR/EMF ONE BOX.	R system?		l alone (Client se ere data and app nsite.	-	
☐1 Allscripts	☐2 Cerner ☐3 eClinicalWorks ☐4 I	Epic	2□ Web- l	based design (Cloud system o	r Application
☐5 GE/Centricity	☐6 Greenway Medical ☐7 McKess	son/	system and	ovider (ASP)) – Se d stores data. Prac		
☐8 NextGen	☐9 Sage Practice	e Partner	data through the Internet.			

☐ 10 Other: *specify*:_____

□11 Unknown

National Ambulatory Medical Care Survey 25. Does your current system meet meaningful use criteria as defined by the Centers for Medicare & Medicaid Services (CMS)? 1 Yes (Go to 23a.) 2 No (Skip to 24)	OMB No. 0920-0234: Approval expires 03/31/2013 31. Did you experience changes to administrative/ non-clinical staff as a result of integrating EHRs in your clinic? 1 Yes (Check all that apply) Increased administrative staff Decreased administrative staff Shift in responsibilities among existing staff None of the above apply 2 No staff or practice changes 3 Uncertain								
3□ Uncertain (Skip to 24) 25a. Are there plans to upgrade your system to meet meaningful use criteria? 1□ Yes, already upgraded 2□ Yes, plan to upgrade 3□ No									
4□ Uncertain	32. Did your practice receive assistance with EHR								
26. Overall, how satisfied or dissatisfied are you with your EHR system? 1□ Very satisfied implementation or use from anot 1□ Yes [GO TO 32a] 2□ 32a. How satisfied or dissatisfied are you with your implementation or use from anot 20 years.					nother organization? 2 No [SKIP to 33] satisfied were you with the n the following groups in				
27. Would you purchase this EHR again?		Very Satisfied	Somewhat Satisfied	Somewhat Dissatisfied	Very Dissatisfied	N/A			
1□ Yes	EHR vendor	1 🗆	2□	3□	4□	5□			
2□ No 3□ Uncertain	Regional extension center	1□	2□	3□	4□	5□			
28.Over the last year, has using an EHR system affected	Consulting Company	1□	2	3□	4□	5□			
your productivity? 1□ Yes, productivity increased 2□ Yes, productivity decreased 3□ No. Productivity stayed the same 4□ Uncertain	Other: Please specify name	1□	2□	3□	4□	5□			
29. How many hours, on average, did you spend in ongoing training over the past year to use your practice's EHR? □1 Did not receive training □2 1 to 8 hours □3 9 to 40 hours □4 41 to 80 hours □5 Over 80 hours	33. At the re a new El	HR/EMR s	system wit 2 No □	hin the next	: 12 months □4 Unknow	?			
30. Did you experience changes in clinical staff (e.g., RN, MA) as a result of integrating EHRs in your clinic?				gh your pub nacceptable,	•	ow.			
 1□ Yes (Check all that apply) □ Increased clinical staff □ Decreased clinical staff □ Shift in responsibilities among existing clinical staff □ None of the above apply 	 ☐ Unacceptable 35. What is a reliable E-mail address for the physician to whom this survey was mailed? 					to			
2□ No clinical staff changes									
3□ Uncertain	 36. Who 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 this envelope, please send this survey to the following address: 2605 Meridian Parkway, Suite 200, Durham, NC 27713

Boxes for Admin Use				