Attachment A2

Changes to 2014 NAMCS-1 Electronic Health Record (EHR) Questions

Please note that the questions below were taken from our 2013 paper NAMCS induction form (used as an FR handout-not data actual collection). The 2013 questions can be used as a starting point to show the order and format of the 2014 computerized instrument. Also, the numbers used indicate skip patterns and are not present on the computerized instrument. The proposed changes are indicated in **RED**.

2013 NAMCS Electronic Health Record (EHR) Questions

The remaining questions are to be answered for the practice that is associated						
with the location where the physician has the most office visits. When defining this location, include only in-scope locations previously listed.						
26. Is it possible within your practice to access patient medical records 24-hours a day?	a Yes – Is this access available to physicians only, or is it also available to other non-physician clinicians? 1 Physicians (MD/DO) only 2 All Physicians and Non-physician Clinicians 3 Unknown b No c Unknown					
27. What is the primary method by which your practice receives information about patients in your practice when they have been seen in the emergency department or hospitalized? Mark (X) all that apply.	a Electronic transmission (i.e., EHR or EMR) b Fax c Email - If yes - Was this email sent over a secure network? 1 Yes 2 No 3 Unknown d Telephone or in-person communication with provider e Paper copy f Other					
28. Is someone in your practice responsible for assisting patients to safely transition back to the community within 72 hours of being discharged from a hospital or nursing home?	1 Yes 2 Ne 3 Unknown					
29. Does your practice report any quality measures or quality indicators to either payers or to organizations that monitor health care quality?	Yes 2 D No					
30. Do all other locations or offices associated with this practice use the same Federal Tax Identification Number, or do any locations or offices associated with this practice use a different Federal Tax Identification Number?	1 Some use a different Federal Tax ID 2 Some use a different Federal Tax ID CONTROL OF TAX ID					
Answer ALL remaining questions for th	e in-scope location with the most visits.					
31. Does the reporting location submit any claims electronically (electronic billing)?	1 Yes 2 No 3 Unknown					
32a. Does the reporting location use an electronic health record (EHR) or electronic medical record (EMR) system? Do not include billing record systems.	1 ☐ Yes, all electronic 2 ☐ Yes, part paper and part electronic Question 32b 3 ☐ No 4 ☐ Unknown SKIP to Question 33 on page 14					
b. In which year did you install your EHR/EMR system?	Year					
C. Does your current system meet meaningful use criteria as defined by the Department of Health and Human Services?	1 ☐ Yes 2 ☐ No 3 ☐ Unknown					
d. What is the name of your current EHR/EMR system? Enter (X) only one box.	1 Allscripts 2 Amazing Charts 3 Athenahealth 4 Cerner 5 eClinicalWorks 6 e-MDs 7 Epic 8 GE/Centricity 9 Greenway Medical 10 McKesson/Practice Partner 11 NextGen 12 Practice Fusion 13 Sage/Vitera 14 Other					

One question was added after 32d-Slight_{stext} modification to 34a & 34bsee 17 & 17a on page 5

	Section II - INDUCTION INTERVIEW - Continued					
33.	At the reporting location, are there plans for installing a new EHR/EMR system within the next 18 months?	1 Ye 2 No 3 Ma 4 Un)			
34a.	Medicare and Medicaid offer incentives to practices that demonstrate "meaningful use of health IT." At the reporting location, are there plans to apply for these incentive payments?	1 ☐ Yes, we already applied 2 ☐ Yes, we intend to apply 3 ☐ Uncertain if we will apply 4 ☐ No, we will not apply				
b.	When did you first apply or when do you first intend to apply?	1				
35.	Give FLASHCARD C-1 (p.16 Flashcard booklet) and ask: Please indicate whether the ambulatory reporting location has each of the following computerized capabilities and how often these capabilities are used. Enter (X) only one per row.	Yes, used routinely	Yes, but NOT used routinely	Yes, but turned off or not used	No	Unknown
a.	Recording patient history and demographic information?	Go to 35a(1)	2 D Go to 35a(1)	3 ☐ Skip to 35b	4 □ Skip to 35b	₅ □ Skip to 35b
	problem list?	\f <u></u>	<u>2</u> □	3 🗆	4 🗌	5 🗌
	Recording and charting vital signs?	1 🗆	2 🗆	3 🗆	4 🗆	5 🗆
c.	Recording patient smoking status?	1 🗓	2 🗌	3 🗌	4 🗌	5 🗌
d.	Recording clinical notes?	Go to 35d(1)	2 ☐ Go to 35d(1)	₃ □ Skip to 35e	4 □ Skip to 35e	₅ □ Skip to 35e
	If Yes, ask – (1) Do the notes include a list of the patient's medications and allergies?	1 🗆	2 🗆	з 🗆	4 🗆	5 🗆
	Reconciling lists of patient medications to identify the most accurate list?	1 🗆	2 🗌	з 🗌	4 🗌	5 🗌
f.	Ordering prescriptions?	1 Go to 35f(1)	2 Go to 35f(1)	3 ☐ Skip to 35g	4 ☐ Skip to 35g	₅ ☐ Skip to 35g
	If Yes, ask – (1) Are prescriptions sent electronically to the pharmacy?	₁ ☐ Go to 35f(2)	2 ☐ Go to 35f(2)	3 🗆	4 🗆	5 🗌
	If Yes, ask – (2) Are warnings of drug interactions or contraindications provided?	1 🗆	2 🗆	з 🗆	4 🗆	5 🗆
	Providing reminders for guideline-based interventions or screening tests?	1 🗆	2 🗆	з 🗆	4 🗌	5 🗆
h.	Ordering lab tests?	1 ☐ Go to 35h(1)	2 Go to 35h(1)	3 ☐ Skip to 35i	4 □ Skip to 35i	₅ □ Skip to 35i
	If Yes, ask – (1) Are orders sent electronically?	1 🗆	2 🗌	3 🗌	4 🗌	5 🗌
i.	Viewing lab results?	1 ☐ Go to 35i(1)	2 ☐ Go to 35i(1)	₃ □ Skip to 35j	4□ Skip to 35j	₅ □ Skip to 35j
	If Yes, ask – (1) Can the EHR/EMR automatically graph a specific patient's lab results over time?	1 🗆	2 🗆	з 🗆	4 🗆	5 🗆

		Section II - INDUCTION INTE	RVIEW -	Continued			
	35.	Please indicate whether the ambulatory reporting location has each of the following computerized capabilities and how often these capabilities are used.	Yes, used routinely	Yes, but NOT used routinely	Yes, but turned off or not used	No	Unknown
		Enter (X) only one per row.					
	j.	Viewing imaging results?	1 🗆	2 🗆	з 🗆	4 🗆	5 🗆
		Identifying educational resources for patients' specific conditions?	1 🗌	2 🗌	3 🗌	4 🗌	5 🗌
	ı.	Reporting clinical quality measures to federal or state agencies (such as CMS or Medicaid)?	1 🔲	2 🗌	3 🗌	4 🗌	5 🗌
	m.	Generating lists of patients with particular health conditions?	1 🗌	2 🗌	3 🗆	4 🗌	5 🗌
	n.	Electronic reporting to immunization registries?	1 🗆	2 🗆		4 🗆	5 🗆
	0.	Providing patients with clinical summaries for each visit?	1 🗆	2 🗆)3 🗆 🔘	4 🗆	5 🗆
	p.	Exchanging secure messages with patients?	1 🗌	2 🗆 🛛	350	4 🗌	5 🗌
Delete 35q	q.	Providing patients with an electronic copy of their health information?	1 🗆	2 🗆 🐧		4 🗆	5 🗆
	r.	Providing patients the ability to view online, download, or transmit information from their medical record?	1		3 □	4 🗆	5 🗆
		The next questions are about s	haring (ei	ther sendi	ng or		
		receiving) patient hea	ith intorm	ation.			
	36a.	Do you share any patient health information electronically (not fax) with other providers, including hospitals, ambulatory providers, or labs?	Yes No	S SKIP to Q	uestion 38a	on page	16
	b.	How do you electronically share patient health information? Enter (X) all that apply.		R/EMR b portal (sep er electronic			()
Delete 37	37.	Give FLASHCARD C-2 (p.17 Flashcard Booklet) and ask: Please indicate which types of health data you share electronically (not fax) with the health care providers listed. Enter all that apply.	Hospitals w which you a affiliated	are provide	ers which	tals with you are Iffiliated	Ambulatory providers outside your office/group
	a.	Lab results?	1 🗆	2 🗆	3		4 🗆
	b.	Imaging reports?	1 🗌	2 🗌	3		4 🗌
	c.	Patient problem lists	1 🗆	2 🗆	3		4 🗌
	d.	Medication lists	1 🗆	2 🗆	3		4 🗌
	e.	Medication allergy lists	1 🗆	2 🗆	3		4 🗆
	f.	Do you share any of the previously mentioned types of information using a "Summary Care Record"? [A Summary Care Record is an electronic file that contains the previously mentioned health data in a standardized format.]	1				

	Section II - INDUCTION INTERVIEW - Continued					
	38a.	Do you refer any of your patients to providers outside of your office or group?	1 ☐ Yes – Go to Question 38b 2 ☐ No – SKIP to Question 39a			
Delete 38b	b.	Do you receive a report back from the other provider with results of the consultation?	1 ☐ Yes, routinely 2 ☐ Yes, but not routinely 3 ☐ No – <i>SKIP to Question 39a</i>			
Delete 38c	c.	Do you receive it <u>electronically</u> (not fax)?	1 ☐ Yes, routinely 2 ☐ Yes, but not routinely 3 ☐ No			
	39a.	Do you see any patients referred to you by providers outside of your office or group?	1 ☐ Yes – Go to Question 39b 2 ☐ No – SKIP to Question 40a			
Delete 39b	b.	Do you receive notification of both the patient's history and reason for consultation?	1 ☐ Yes, routinely 2 ☐ Yes, but not routinely 3 ☐ No – <i>SKIP to Question 40a</i>			
Delete 39c	c.	Do you receive them <u>electronically</u> (not fax)?	1 ☐ Yes, routinely 2 ☐ Yes, but not routinely 3 ☐ No			
	40a.	Do you take care of patients after they are discharged from an inpatient setting?	1 ☐ Yes – Go to Question 40b 2 ☐ No – SKIP to Question 41			
	∱ b.	Do you receive all of the information you need to continue managing the patient?	1 ☐ Yes, routinely 2 ☐ Yes, but not routinely 3 ☐ No – SKIP to Question 4.1			
Delete 40c	c.	Is the information available when needed?	1 ☐ Yes, routinely 2 ☐ Yes, but not routinely 3 ☐ No – SKIP to Question 41			
	d.	Do you receive it <u>electronically</u> (not fax)?	1 ☐ Yes, routinely 2 ☐ Yes, but not routinely 3 ☐ No			

Slight re-working of 40b-see 21a on page 7

Please note that the questions below were taken from the prototype of the paper EHR mail survey; however, the wording is exactly the same as what is proposed for the computerized 2014

NAMCS instrument. The numbers used indicate skip patterns and are not present on the 2014 NAMCS computerized instrument. The proposed changes are indicated in **RED**.

2014 Proposed NAMCS Electronic Health Record Questions

14.	Does the re				claims	
	□1 Yes	□2 No		3 Unkno	wn	
15.	Does the represent (EHR system? Do	() or electro	nic <i>medi</i> c	c <i>al</i> reco		
	□1 Yes, all □2 Yes, pa part ele	rt paper and	}	Go to Q	estion 15a	
	□3 No □4 Unknow	/n	}	Skip to C	Question 16	
	15a. In which EHR/EI Year: _	MR system?		ll your c	urrent	
		our current teria as defi and Human	ned by th	ne Depai		
	□1 Yes	□2 l	No	□3 Ur	nknown	
		the name on the contract of th	NLY ON	E BOX.	IF OTHER	
□1	Allscripts	□5 Sage/Vi	itera	□10 ath	enahealth	
□2	Cerner	□6 Amazin	g Charts	□11 е-М	ID	
□3	Epic	□7 eClinica	alWorks		•	
□4	McKesson/ Practice Partner	□8 GE/Cer		□13 Pra	dical ctice Fusion	
	Other enesif			□14 Unk	nown	
	Other, specify 15d. Has yo security risl would help issues that	ur practice k analysis o	f your El- acy or se	IR syste ecurity r	m? This	
	□1 Yes	□2 N o □:	3 Unknov	vn		
16.	At the repor installing a months?				for the next 18	
	□1 Yes	□2 N o □:	Maybe	□4 U	nknown	
	Medicare an that demons the reporting Stage 1 of the	strate "mear g location, a	ningful us are there	se of hea	alth IT." At	
New refere	nces: Stage1	& Stage	ар	ply for S	plans to Stage 2 payments?	
□2 □3	Yes, we alread Yes, we intend Uncertain if we No, we will not	to apply will apply	→ □1 Ye □2 Ne □3 M □4 Ue	0	Responses M	lodified

loca liste	se indicate whether the ambulatory reporting tion has each of the computerized capabilities d below and how often these capabilities are d. CHECK NO MORE THAN ONE BOX PER ROW.	Yes, used routinely	Yes, but not used routinely	Yes, but turned off or not used	No	Unknown
18a.	Recording patient history and demographic information?	□1	□2	□3	□4	□5
18b.	Recording patient problem list?	□1	□2	□3	□4	□5
18c.	Recording and charting vital signs?	□1	□2	□3	□4	□5
18d.	Recording patient smoking status?	□1	□2	□3	□4	□5
18e.	Recording clinical notes?	□1	□2	□3	□4	□5
18f.	Recording patient's medications and allergies?	□1	□2		□4	□5
18g.	Reconciling lists of patient medications to identify the most accurate list?	□1	□2	□3	□4	□5
18h.	Ordering prescriptions?	□1	□2	□ Skip to 18g	□4 Skip to 18g	□5 Skip to 18g
	18h1. If yes, are prescriptions sent electronically to the pharmacy?	□1	□2	□3	□4	□5
<u></u>	18h2. If yes, are warnings of drug interactions or contraindications provided?	□1	□2	□3	□4	□5
	18h3. If yes, are drug formulary checks performed?	□1	□2	□3	□4	□5
181.	Providing reminders for guideline-based interventions or screening tests?	□1	□2	□3	□4	□5
18j.	Ordering lab tests?	□1	□2	□3 Skip to 18i	□4 Skip to 18i	□5 Skip to 18i
	18j1. If yes, are orders sent electronically?	□1	□2	□3	□4	□5
18k.	Viewing lab results?	□1	□2	□3 Skip to 18j	□4 Skip to 18j	□5 Skip to 18j
	18k1. If yes, can the EHR/EMR automatically graph a specific patient's lab results over time?	□1	□2	□3	□4	□5
ew 181.	Ordering radiology tests?	□1	□2	□3	□4	□5
	.Viewing imaging results?	□1	□2	□3	□4	□5
	Identifying education resources for patients' specific conditions?	□1	□2	□3	□4	□5
	Reporting clinical quality measures to federal or state agencies (such as CMS or Medicaid)?	□1	□2	□3	□4	□5
	Identifying patients due for preventive or follow- up care in order to send patients reminders?	□1	□2	□3	□4	□5
	Generating lists of patients with particular health conditions?	□1	□2	□3	□4	□5
	Electronic reporting to immunization registries?	□1	□2	□3	□4	□5
	Providing patients with clinical summaries for each visit?	□1	□2	□3	□4	□5
	Exchanging secure messages with patients?	□1	□2	□3	□4	□5
18u.	Providing patients the ability to view online, download or transmit information from their medical record?	□1	□2	□3	□4	□5
The next questions are about sharing (either sending or receiving) patient health information.						

	19. Do you refer any of your patients to providers outside of your office or group? □1 Yes → Go to Question 19a →	19a Do you send the patient's clinical New information sent to the other provider? □1 Yes, routinely	New (not fax)? □1 Yes, routinely
	□2 No ↓ Skip to Question 20	☐2 Yes, but not routinely ☐3 No → Skip to Question 20	□2 Yes, but not routinely □3 No
	 20. Do you see any patients referred to you by providers outside of your office or group? □1 Yes → Go to Question 20a → □2 No ↓ Skip to Question 21 	20a Do you send a consultation report with clinical information to the other provider? □1 Yes, routinely □2 Yes, but not routinely □3 No → Skip to Question 21	20b Do you send it electronically New (not fax)? □1 Yes, routinely □2 Yes, but not routinely □3 No
	 21. Do you take care of patients after they are discharged from an inpatient setting? □1 Yes → Go to Question 21a → □2 No ↓ Skip to Question 22 	21a Do you receive a discharge summary with clinical information from the hospital? Re-worded □1 Yes, routinely □2 Yes, but not routinely □3 No → Skip to Question 22	□1 Yes, routinely □2 Yes, but not routinely □3 No → Skip to Question 22
	ı	an EHR	ering the data? licable, I do not have system
	 22. Do you share any patient health intelectronically (not fax) with any oth including hospitals, ambulatory pro	ner providers, information? □1 EHR/EMR	electronically share patient health CHECK ALL THAT APPLY. □2 Web portal (separate from EHR/EMR) tronic method (not fax)
New	22b. With what types of providers do y reports, problem lists, medication □1 Ambulatory providers inside your □2 Ambulatory providers outside you □3 Hospitals with which you are affili □4 Hospitals with which you are not	office/group □5 Behavioral heal r office/group □6 Long-term care ated □7 Home health p	th providers providers
New New	☐1 Yes, routinely ☐2 Yes, but not but the Unknown	ation electronically (not fax) that is auto routinely □3 No □4 Not applicable, I do	not have an EHR system □4
INCW	system is different from your syste	to electronically send health informations: m? Not applicable, I do not have an EHR syst	-
	□2 Insurance company, health plan, or HMO □5 €	insured insure	what percent of your patients are by Medicaid? % reat patients insured by Medicare? 2 No3 Unknown
	27. Who completed this survey?	The physician to whom it was addressed	d □2 Office staff □3 Other