

# 2023 AHA Annual Survey Information Technology Supplement

Please return to: AHA Annual Survey Information Technology Supplement 155 N. Wacker Drive Suite 400 Chicago, IL 60606

HOSPITAL NAME:_	
CITY & STATE:	

**Please Note:** This year we continue to include questions designed to capture interoperability and exchange, public health reporting, and advanced analytics. This information will provide important data on the state of health IT and interoperability in hospitals nationwide.

# GENERAL INSTRUCTIONS: Please respond to each of the following questions as of the day the survey is completed.

### Patient Engagement

	s your hospital provide outpatient care to patient outpatient departments/sites.	s? Note: Outp	atient care refe	rs to both hosp	ital-based ar
	Yes (go to 1b) 2. $\square$ No (go to 2)				
1. <b>□</b> <b>2. Are</b> ¡ "Yes" on	Is there more than one primary EMR/EHR system  Yes  2. No  Patients who receive care provided by your hosp by if the functionality has been "turned on" and is fully functionality is turned on in both inpatient and outpat	oital or outpat	ient sites able	to do the follo	
		(1) Yes, at some or all inpatient sites	(2) Yes, at some or all outpatient sites	(3) Not across outpatient or inpatient site(s)	(4) Do not know
a.	View their health/medical information online in their portal				
b.	Download health/medical information from their medical record from your portal				
C.	Import their medical records from other organizations into your portal				
d.	Electronically transmit (send via email or secure message) health/medical information to a third party from your portal (in a <b>structured</b> format such as CCDA)				
e.	View their clinical notes (e.g., visit notes including consultation, progress, history and physical) in their portal				
f.	Access their health/medical information using applications (apps) configured to meet the application programming interfaces (API) specifications in your EHR				
g.	Access their health/medical information using applications (apps) configured to meet Fast Healthcare Interoperability Resource (FHIR) specifications				
h.	Submit patient-generated data (e.g., blood glucose, weight)				
i.	Submit patient-generated data (e.g., blood glucose, weight) through apps configured to meet FHIR specifications.				
j.	Send/receive secure messages with providers				

## Social Determinants of Health

3.	Does your hospital routinely collect data on individual patients' health related social needs (often referred to as social determinants of health) such as transportation, housing, food insecurity or other?
	a. $\square$ Yes, routinely b. $\square$ Yes, but not routinely c. $\square$ No (go to 6a)
	d. Don't know (go to 6a)
4a	How are data on individual patient's health related social needs recorded at your hospital?
	1. Structured electronic screening tool (including 'keying in' information from a paper form) (go to 4b)
	2. Free text note (go to 5)
	3. ☐ Diagnosis codes (e.g., ICD-10-CM Z codes) (go to 5)
	4. Non-electronic methods (including those that are scanned into the EHR) (go to 5)
41	b. If you use a screening tool, what type of screening tool?
	1. Customized/home grown tool (go to 5)
	2. An externally established tool (including modifications of such tools) (go to 4c)
	3. Don't know (go to 5)
40	:. Which externally established screening tool(s) does your hospital use? Check all that apply.
	https://sirenetwork.ucsf.edu/tools-resources/resources/screening-tools-comparison
1.	
2.	,,,,,,,,,,,,,_
3.	· <del>_</del> ·····
4.	Recommend Social and Behavioral Domains for EHRs
5.	,
6.	= ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
7.	
8.	
	Uother, please list:
1(	Don't know
5.	How does your hospital use data on patients' health related social needs documented at your hospital? Check all that apply
	a.  For referrals to social service organizations
	b. ☐ For population health analytics
	c. Tor quality management
	d. ☐ To inform community needs assessment or other equity initiatives
	e. To inform clinical decision making
	f. $\square$ To inform discharge planning
	g. Other, please list:
6a	From which organizations outside your hospital/health system does your hospital electronically receive data on patients' social needs? Check all that apply
	1. Other Healthcare Organizations
	2. Community/social service organizations
	3. Other, please list:
	4. Don't know (go to 8a)
	5. Do not receive data on health-related social needs from any external sources (go to 8a)

6b.		w does your hospital/health system receive data on patients' social needs from organizations outside health system? Check all that apply
	1.	☐ Health information exchanges
	2.	☐ Social service or community-based referral platform (such as Unite Us or Aunt Bertha)
	3.	☐ National networks (e.g., CommonWell, eHealth Exchange, Carequality)
	4.	Other Methods
	5.	□ Don't know
7.	thes	u indicated receiving data on patients' health related social needs from external sources, how do you use e data? Check all that apply.
	a.	For screening at our hospital (e.g., prompt screening, prepopulate screening tool)
	b.	For referrals to social service organization
	c.	For population health analytics
	d.	To inform community needs assessment or other equity initiatives
	e.	To inform clinical decision making
	f.	To Inform discharge planning
	g. $\square$	Other, please list:
		Participation in health information exchange networks
8a.		se indicate your level of participation in a <u>state, regional, and/or local</u> health information exchange (HIE)
	_	nealth information organization (HIO). Note: This does not refer to a private, enterprise network.
	_	HIE/HIO is operational in my area and we are participating and actively exchanging data in at least one HIE/HIO
		HIE/HIO is operational in my area, but we are not participating
	3.	HIE/HIO is not operational in my area
	4.	Do not know
8b.	acti of k	ise indicate which state, regional and/or local HIE/HIO(s) with which your hospital participates and ively exchanges data as well as the first year your hospital actively participated in this HIE/HIO. Note: A list known active HIEs is included in an attachment and numbered. Please either write the HIE name or its number on this below.
	8b1	a. Name/reference number:b. First Year Your Hospital Participated:
	801	b. First Year Your Hospital Participated:
	8b2	a. Name/reference number:
	802	b. First Year Your Hospital Participated:
	8b3 8l	a. Name/reference number: o3b. First Year Your Hospital Participated:
9. \		h of the following <u>national</u> health information exchange networks does your hospital currently actively ticipate in (i.e., operational exchange)? Check all that apply.
	a.	CommonWell Health Alliance
	b.	☐ e-Health Exchange
	C.	☐ Civitas (formerly SHIEC)/Patient Centered Data Home (PCDH)
	d.	☐ Carequality (network-to-network trust/governance framework)
	e.	EHR vendor-based network that enables record location and exchange within the EHR vendor's network of users (e.g., Epic's Care Everywhere)
	f.	Other national health information exchange network
	g.	Do not participate in any national health information exchange networks (either via vendor or directly)
	h.	☐ Do not know

# Trusted Exchange Framework and Common Agreement

10. Are you aware of the Trusted Exchange Framework and Common Agreement (TEFCA)?

	https://www.healthit.gov/topic/interoperability/trusted	-exchang	e-framewo	rk-and	l-common-a	greement-tef	ca
ć	a. ☐ Yes b. ☐ No (go to 13a)						
ı	If yes, are you currently participating or do you pl	-	_				
á	a. $\square$ Yes, currently participating $$ b. $\square$ Yes, plan to	o participa	ite c.	☐ No,	not particip	ating and do	not plan to
(	d. Don't know						
	Do you currently electronically exchange informa system for each of the purposes listed below?	tion with	sources o	outsid	e your orga	anization or l	nospital
Ì	rei dadii ei tile parpeded lieted solow.			(1)	(2)	(3)	(4)
-	a. Treatment (as defined by the HIPAA permitted	purpose)		Yes	No	N/A D	on't know
-	b. Payment (as defined by the HIPAA permitted p	,					
=	c. Health Care Operations (as defined by the HIPA purpose)		ted				
-	d. Individual Access (e.g., patient engagement via platform)	API or ot	her				
	e. Public Health						
	f. Government Benefits Determination (as defined	by TEFC	CA)				
- 1	1. Yes (go to 13b)  How often are the following electronic methods upatient health information from sources outside years each method is used across each row below.	used to <u>se</u>	(go to	14) <b>(e.g., c</b>	uery or au	to-query) an	
		(a)	(b)		(c)	(d)	(e)
Ele	ectronic Methods	Often	Sometii	mes	Rarely	Never	Do not know/NA
1.	Provider portals that allow you to view records in another organizations' EHR system						
2.	Interface connection between EHR systems (e.g., HL7 interface)						
3.	Access to other organizations' EHR system using login credentials						
4.	Regional, state, or local health information exchange organization (HIE/HIO). NOT a local proprietary, enterprise network						
5.	EHR vendor-based network that enables record location within the network (e.g., Care Everywhere)						
6.	EHR connection to national networks that enable record location across EHRs in different networks (e.g., CommonWell, eHealth Exchange,						
	Carequality).						

#### Sending patient health information

14. When a patient transitions to another care setting outside of your organization or hospital system, how often does your hospital use the following methods to <u>SEND</u> a summary of care record? Please indicate how often each method is used across each row below

Methods without intermediaries	(1) Often	(2) Sometimes	(3) Rarely	(4) Never	(5) Do not know/NA
a. Mail or fax					
b. eFax using EHR					
c. Provider portals that allow outside organization to view records in your EHR system					
d. Interface connection between EHR systems (e.g., HL7 interface)					
e. Login credentials that allow access to your EHR					
f. Other					
Methods with intermediaries	(1) Often	(2) Sometimes	(3) Rarely	(4) Never	(5) Do not know/NA
g. HISPs that enable messaging via DIRECT protocol					
h. Regional, state, or local health information exchange organization (HIE/HIO). NOT local proprietary, enterprise network					
<ul> <li>i. EHR vendor-based network that enables exchange with vendor's other users. (e.g., Epic's Care Everywhere)</li> </ul>					
j. National networks that enable exchange across <u>different</u> EHR vendors (e.g., CommonWell, eHealth Exchange, Carequality)					
k. Other					

#### Receive and Integrate patient health information

15. When a patient transitions from another care setting <u>outside your organization or hospital system</u>, how <u>often does your hospital use the following methods to <u>RECEIVE</u> a summary of care record? Please indicate how often each method is used across each row below.</u>

Methods without intermediaries	(1) Often	(2) Sometimes	(3) Rarely	(4) Never	(5) Do not know/NA
a. Mail or fax					
b. eFax using EHR					
c. Provider portals that allow you to view records in another organizations' EHR system					
d. Interface connection between EHR systems (e.g., HL7 interface)					
e. Access to other organizations' EHR system using login credentials					
f. Other					
Methods with intermediaries	(1) Often	(2) Sometimes	(3) Rarely	(4) Never	(5) Do not know/NA
g. HISPs that enable messaging via DIRECT protocol					
h. Regional, state, or local health information exchange organization (HIE/HIO). NOT local proprietary, enterprise network					

# Receive and Integrate patient health information (continued)

i. I											
i. EHR vendor-based network that enables exchange with vendor's other users. (e.g., Epic's Care Everywhere)						] 0	1				
2	j. National networks that enable exchange across different EHR vendors (e.g., CommonWell, eHealth Exchange, Carequality)					<b>1</b> 0					
k.	Oth	er									
16. Does your EHR integrate the information contained in summary of care records received electronically (not eFax) without the need for manual entry? Note: This refers to the ability to add or incorporate the information into the EHR without special effort (this does NOT refer to automatically adding data without provider review). This could be done using software to convert scanned documents into indexed, discrete data that can be integrated/included in the EHR.  a. ☐ Yes, routinely b. ☐ Yes, but not routinely c. ☐ No d. ☐ Don't know e. ☐ NA  17. Does your EHR integrate health insurer real-time prescription benefit information?  a. ☐ Yes, for all or almost all payers b. ☐ Yes, for a limited set of payers c. ☐ No d. ☐ Don't know  18. When a patient transitions to or from another care setting or organization, to what extent does your hospital electronically send and/or receive (NOT eFax) a summary of care record in a structured format (e.g. CCDA)											
			ng providers? Che						,	<b>J</b>	,
				Electr Most/All	1. onically Some	Send To Few/None	2. Electronically Rece Most/All Some			m None	3. Do not know
			ole.						-	7	
	a.	Other Hospita outside your					Ш	ш	_ L	_	ш
			s <i>ystem</i> Care Providers							]	
		Ambulatory Coutside your	s <i>ystem</i> Care Providers								
	b.	outside your s Ambulatory C outside your s Long-term an Facilities	system are Providers system								
19.	b. c. d. Wr	Ambulatory Coutside yours  Long-term an Facilities  Behavioral Head or a coviders at your and outside pro	system Eare Providers system d Post-Acute Care ealth Facilities  Availa patient that was se ir hospital routinely oviders or sources?	bility and of the property have necessed.	usage o	f data that is	ganization of tion availab	or hospit le electr	al system,	do ot e-Fa	·
19.	b. c. d. When the profession of the profession o	Ambulatory Coutside yours  Long-term an Facilities  Behavioral Head of the Ambulatory Coutside yours  Behavioral Head of the Ambulatory Coutside yours  The Ambulatory Coutside yours  Yes  Wifequently Coutside yours  The Ambulatory Coutside yours  T	system Eare Providers system d Post-Acute Care ealth Facilities  Availa patient that was se ir hospital routinely oviders or sources?	en by a provenave necesses.  No rhospital uswhen treating	usage o	f data that istale your organical information of the content?	ganization of tion availab	or hospit le electr eived ele	al system, onically (n	do ot e-Fa	·

#### **Public Health Reporting**

21a. How does your hospital submit data for public health reporting related to the activities listed below? Please select all options used in each row. Note: this is referring to data generated through clinical processes involving patient care (production data NOT test data).

panon care (produc	(a) Electronic health record	(b) Health information exchange	(c) Portal submission	(d) Flat files (e.g., CSV/XML Files)	(e) Not electronically submitting data (e.g., Fax)	(f) Don't know
Syndromic     surveillance     reporting						
2.Immunization registry reporting						
3.Electronic case reporting						
4.Public health     registry reporting						
5.Clinical data registry reporting						
6.Electronic reportable laboratory result reporting						
7.Antimicrobial use and resistance (AUR)						
8.Hospital capacity and utilization of medical supplies						

21b. What are some of the challenges your hospital has experienced when trying to submit health information to public health agencies to meet CMS reporting requirements for Promoting Interoperability Program? (Please check all that apply in each column)

	onook an that apply in each columny	(a) Syndromic surveillance reporting	(b) Immunizati on registry reporting	(c) Electronic case reporting	(d) Public health registry reporting	(e) Clinical data registry reporting	(f) Electronic reportable laboratory result reporting
1.	We feel that <b>public health agencies</b> lack the capacity (e.g., technical, staffing) to electronically <u>receive</u> the information						
2.	We do not have the capacity (e.g., technical, staffing) to electronically send the information						
3.	<b>Technical complexity</b> of interfaces, transmission, or submission process						
4.	<b>Cost</b> related to interfaces, transmission, or submission.						
5.	We use different vocabulary standards than the public health agency, making it difficult to submit						
6.	Difficulty extracting relevant information from EHR						
7.	The onboarding process for electronic reporting is too cumbersome						
	Did not experience any major challenge ed above						

#### Barriers to exchange and interoperability

Which of the following issues has your hospital experienced when trying to <u>electronically</u> (not eFax) send, receive or find (query) patient health information to/from other organizations or hospital systems? Please check *all* that apply and indicate whether the issue is a *major* barrier (i.e., greatly reduces the value or frequency of exchange or prevents exchange with all or most organizations that you would like to exchange information with) or *minor* barrier (i.e., a persistent challenge that modestly reduces the value or frequency of exchange, but does not typically prevent exchange).

22a. Barriers related to electronically sending patient health	ninformation		
	(a) Major barrier	(b) Minor barrier	(c) Not a barrier
Providers we would like to electronically send patient health information to do not have an EHR or other electronic system with the capability to receive the information			
2. Providers we would like to electronically send patient health information to have an EHR; however, it lacks the technical capability to receive the information			
3. Difficult to locate the address of the provider to send the information (e.g., lack of provider directory)			
4. Many recipients of our electronic care summaries (e.g., CCDA) report that the information is not useful			
22b. Barriers related to electronically receiving patient heal	th information		
	(a) Major barrier	(b) Minor barrier	(c) Not a barrier
Difficult to match or identify the correct patient between systems			
2. There are providers whom we share patients with that don't typically exchange patient data with us			
There are providers who share data with us but do not provide those data in the format that we request			
4. There are providers who state they cannot exchange information with us due to privacy laws (e.g., HIPAA) in situations that do not seem appropriate			
22c. Other barriers related to exchanging patient health info	ormation		
	(a) Major barrier	(b) Minor barrier	(c) Not a barrier
Experience greater challenges exchanging (e.g., sending/receiving) data across different vendor platforms			
We have to pay additional costs to send/receive data with outside organizations/hospital systems			
We had to develop customized interfaces in order to exchange (e.g., send/receive) data with outside organizations/hospital systems			
4. Contractual constraints between healthcare providers and health vendors limit our ability to exchange data with providers using certain systems.			

#### Information Blocking Practices

Information blocking practices have been defined in rules that went into effect on October 6, 2022. The following set of questions ask about practices that may constitute information blocking based on your understanding of the rules.

23a. In what form(s) have you observed or experienced information blocking by Enterprise EHR vendor(s)? (b) (d) (a) (c) Often/ Sometimes Never/ Don't Routinely Rarely Know 1. Price – for example: Using high fees to avoid granting third-parties access to data stored in the vendor's EHR system Charging unreasonable fees to export data at a provider's request (such as when switching vendors) 2. Contract language - for example: Using contract terms, warranty terms, or intellectual property rights to discourage exchange or connectivity with third-party Changing material contract terms related to health information exchange after customer has licensed and installed the vendor's technology 3. Artificial technical, process, or resource barriers – for example: Using artificial technical barriers to avoid granting third-parties П П п П access to data stored in the vendor's EHR system 4. Refusal - for example: Refusing to exchange information or establish connectivity with certain vendors or HIOs П П П П Refusing to export data at a provider's request (such as when switching vendors) 5. Other (please list): П П П 23b. To what extent have you observed the following stakeholders engaging in information blocking behaviors? (a) Often/ (b) (d) (c) (e) Never/ **Sometimes Not Applicable** Don't Routinely Rarely (i.e., we have Know not tried to get information from this source) Developers of Certified Health IT (e.g., Enterprise EHR vendors) National Networks (e.g., CommonWell, eHealth Exchange) State, regional, and/or local health П П П П information exchange 23c. In what form(s) have you observed or experienced information blocking by healthcare providers? (d) (b) (c) (a) Often/ **Sometimes** Never/ Don't Routinely Rarely Know 1. Artificial technical, process, or resource barriers – for example: Requiring a written authorization when neither state nor federal law П П П П requires it Requiring a patient to repeatedly opt in to exchange for treatment, payment, and operations (TPO) 2. Refusal - for example: Refusing to exchange information with competing providers, П П П П hospitals, or health systems 3. Strategic affiliations – for example: Promoting alternative, proprietary approaches to information П П Exchanging only within referral network or with preferred referral partners 4. Other (please list): П

# Information Blocking Practices (continued)

1. ☐ Often/Routinely 2. ☐ Sometimes 3.	•	s engaging in ir ely (go to 23f)	itormation b	locking benaviors?	
4. ☐ We have not tried to get information from		, , _	Don't know	/ (ao to 23f)	
4. — We have not then to get information from	i uno occirco (	go to 201) 0. <b>=</b>	<b>L</b> Bon t know	(go to 201)	
23e. To what extent have you observed the follo			oviders eng	aging in information	
	(a) Often/ Routinely	(b) Sometimes	(c) Never/ Rarely	(d) Not Applicable (i.e., We have not tried to get information from this source)	(e) Don Kno
Health Systems					
2. Independent Hospitals					
3. Independent physician or physician groups					
4. Other (please list):					
24. Please indicate whether you have used electronic system in your hospital to: (		clinical data f		IR or other	
a. Create an approach for clinicians to c	•	• • •	·· <b>y</b> /		
b. Assess adherence to clinical practice	•				
c. Identify care gaps for specific patient	populations				
d.    Support a continuous quality improve	ement process	i			
e.	drug events)				
f.	care using al	gorithm or other	tools		
g. U None of the above					
<ul> <li>25. Does your hospital use any machine learn recommendations (e.g., risk scores or clin launched by your EHR?</li> <li>a.  Machine Learning</li> <li>b.  Other Non-Machine Learning Prediction</li> <li>c.  Neither (Go to 29)</li> <li>d.  Don't know (Go to 29)</li> </ul>	ical decision	support) in yo	ur EHR or ar		)r
·					

# **Advanced Analytics (continued)**

	Please check all that apply)							
a.								
b.	like sepsis; predicting in-hospital fall risk)  b.							
d.								
-		-	patients and	a trieir outco	Jilles)			
	e.  Simplify or automate billing procedures							
	f. La Facilitate scheduling (e.g., predicting no-shows or block utilization).							
Ū	g. Under operational process optimization (e.g., supply management)							
h.	h. U Other clinical use cases							
i.	None of the above							
j.	☐ Don't know							
27. Who developed the machine learning or other predictive models used at your hospital? (Select all that								
	apply) a.   Our EHR Developer b.   A third-party developer c.   Self-developed							
	<u> </u>		•	С. 🗀	Seir-develop	pea		
	d. U Public domain e.	Don't know	1					
28.	What share of your machine lear	ning or other pr	edictive mo	odels have	been evaluat	ed <u>using da</u>	ata from your	
	hospital or health system for:							
		(1)	(2)	(3)	(4)	(5)	(6)	
		l All models	Most		Few		Don't know	
		All models	Most models	Some models	Few models	None	Don't know	
a.	Model Accuracy (e.g., sensitivity or specificity)	All models		Some			Don't know	
	or specificity)  Model Bias (e.g., false positive		models	Some models	models	None		
	or specificity)  Model Bias (e.g., false positive parity across patients from different races, conditions, or		models	Some models	models	None		
	or specificity)  Model Bias (e.g., false positive parity across patients from		models	Some models	models	None		
	or specificity)  Model Bias (e.g., false positive parity across patients from different races, conditions, or		models	Some models	models	None		
b.	or specificity)  Model Bias (e.g., false positive parity across patients from different races, conditions, or other factors)	□ □ □	models  □ □ □	Some models	models	None □		
29. Do pe me the	or specificity)  Model Bias (e.g., false positive parity across patients from different races, conditions, or other factors)  es your hospital use an EHR system the Office of the National Coordinates the objectives of Meaningful Use by participate in that program. If unit	EHR Systement that has been ator for Health In the property in	em and IT to the control of the cont	Some models  D  Vendors  Certified to echnology (an be used)	models  I  refers to meeting oncome to models.	None  Ing federal reded EHRs are segardless	equirements a necessary to	
29. Do pe me the htt	or specificity)  Model Bias (e.g., false positive parity across patients from different races, conditions, or other factors)  es your hospital use an EHR system the Office of the National Coordinates the objectives of Meaningful Use by participate in that program. If unitys://chpl.healthit.gov/#/search	EHR System that has been ator for Health In expression, see if your	em and IT ven certified formation Telegied EHRs casystem mee	Some models  Uendors Certified in echnology (an be used ats the requirement)	refers to meeticonce. Conc. Certification all hospitals irements here:	None  Ing federal reded EHRs are segardless	equirements a necessary to	
29. Do pe me the htt	or specificity)  Model Bias (e.g., false positive parity across patients from different races, conditions, or other factors)  es your hospital use an EHR system the Office of the National Coordinates the objectives of Meaningful Use by participate in that program. If unitys://chpl.healthit.gov/#/search	EHR Systement that has been ator for Health In the property in	em and IT ven certified formation Telegied EHRs casystem mee	Some models  D  Vendors  Certified to echnology (an be used)	refers to meeticonce. Conc. Certification all hospitals irements here:	None  Ing federal reded EHRs are segardless	equirements a necessary to	
29. Do pe mo that 1 30. Wh de	or specificity)  Model Bias (e.g., false positive parity across patients from different races, conditions, or other factors)  es your hospital use an EHR system the Office of the National Coordinates the objectives of Meaningful Use ey participate in that program. If unstable the program of	EHR System  EHR System  EHR System  EHR System  EHR System  EHR System  Enter for Health In	em and IT ven certified formation Te fied EHRs ca system mee	Some models  D  Vendors Certified in the used state required in the required in the system?  System?	refers to meeting ONC). Certified by all hospitals irrements here:  It know  (Please check stem in which)	None  Ing federal researches regardless	equirements enecessary to of whether	
29. Do pe mo that 1 30. Wh de	or specificity)  Model Bias (e.g., false positive parity across patients from different races, conditions, or other factors)  es your hospital use an EHR system the Office of the National Coordinates the objectives of Meaningful Use by participate in that program. If unity ps://chpl.healthit.gov/#/search  Yes  which vendor below provides your perfined as the system that is used for regest investment. Please answer bases	EHR System  EHR System  EHR System  EHR System  EHR System  EHR System  Enter for Health In	em and IT ven certified formation Te fied EHRs ca system mee	Some models  D  Vendors Certified a cechnology (an be used ats the requirements of the system?  System?  System?  System?	refers to meeting ONC). Certified by all hospitals irrements here:  It know  (Please check stem in which)	None  Ing federal researches regardless	equirements enecessary to of whether	
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#### EHR System and IT Vendors (continued)

31. Overall, how satisfied or dissatisfied are you with your prin	mary inpatient EMR/EHR system?
a. ☐ Very satisfied	d. ☐ Very dissatisfied
b. Somewhat satisfied	e. Neither satisfied nor dissatisfied
c. Somewhat dissatisfied	
32. Do you use the same primary inpatient EMR/EHR system EMR/EHR system? "Primary" is defined as the system that is in which you have made the single largest investment. Please	s used for the largest number of patients or the system
a. Yes, share single instance	
<b>b.</b> ☐ Yes, but do not share the single instance/version	
c. No	
d. ☐ Do not know	
e. 🗖 NA	
<ul> <li>33. Have you used the capability to export multiple records from any of the following uses? Sometimes referred to as "bulk" export population management, or switching EHR systems.</li> <li>a. □ Analytics and reporting</li> <li>b. □ Population health red. □ Have not used the capability yet</li> <li>e. □ Do not have</li> </ul>	rt, this functionality enables analytics and reporting, management c.  Switching EHR systems.
34. Thank you for your cooperation in completing this survey. information technology, have they reviewed your answers	
a. ☐ Yes b. ☐ No	
Respondent Name (please print) Circle CIO or Print Tit	le if other (Area Code) Telephone #
Date of Completion Name of CIO (if other than res	spondent) Email Address

NOTE: PLEASE PHOTOCOPY THIS INFORMATION FOR YOUR HOSPITAL FILE BEFORE RETURNING THE ORIGINAL FORM TO THE AMERICAN HOSPITAL ASSOCIATION.

THANK YOU.