



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.

6b.

your 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. **If you indicated receiving data on patients' health related social needs from external sources, how do you use these 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. Other, please list: _____

Participation in health information exchange networks

8a. **Please indicate your level of participation in a state, regional, and/or local health information exchange (HIE) or health information organization (HIO).** *Note: This does not refer to a private, enterprise network.*

1. HIE/HIO is operational in my area and we are participating and actively exchanging data in at least one

Trusted Exchange Framework and Common Agreement

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

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 SEND

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).

	(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) know
1. 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)

	(a) Syndromic surveillance reporting	(b) Immunization 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 public health agencies 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 <u>send</u> the information						

3. **Technical complexity of** 54 209.66 17

Barriers to exchange and interoperability

Which of the following issues has your hospital experienced when trying to electronically (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 information

	(a) Major barrier	(b) Minor barrier	(c) Not a barrier

1. Providers we would like to electronically send patient health information to dalth

Information Blocking Practices (continued)

Advanced Analytics (continued)

26. To which of the following uses has your hospital applied machine learning or other predictive models?

(Please check all that apply)

- a. Predicting health trajectories or risks for inpatients (such as early detection of onset of a disease or condition like sepsis; predicting in-hospital fall risk)
- b. Identify high risk outpatients to inform follow-up care (e.g., readmission risk)
- c. Monitor health (e.g., through integration with wearables)
- d. Recommend treatments (e.g., identify similar patients and their outcomes)
- e. Simplify or automate billing procedures
- f. Facilitate scheduling (e.g., predicting no-shows or block utilization).
- g. Other operational process optimization (e.g., supply management) _____
- h. 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
- d. Public domain e. Don't know

28. What share of your machine learning or other predictive models have been evaluated using data from your hospital or health system for:

	(1) All models	(2) Most models	(3) Some models	(4) Few models	(5) None	(6)
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- a. Model Accuracy (e.g., sensitivity or specificity)

EHR System and IT Vendors (continued)

31. Overall, how satisfied or dissatisfied are you with your primary inpatient EMR/EHR system?

- a. Very satisfied
- b. Somewhat satisfied
- c. Somewhat dissatisfied
- d. Very dissatisfied
- e. Neither satisfied nor dissatisfied

32. Do you use the same primary inpatient EMR/EHR system vendor (noted above) for your primary outpatient EMR/EHR system? "Primary" is defined as the system that is used for the largest number of patients or the system in which you have made the single largest investment. Please answer based on vendor name rather than product.

- a. Yes, share single instance
- b. Yes, but do not share the single instance/version
- c. No
- d.