

Health AI Implementation Survey

Purpose: This survey is designed to assess the current state of health AI implementation within your hospital system. It aims to identify key barriers, enablers, and readiness indicators from your perspective. Results can guide internal strategy, resource allocation, and support the development of effective AI integration approaches.

Instructions: The core structure is ready to go, but you can easily adapt question language or response options to align with your org chart, terminology, or focus areas.



PRO TIP

Want honest answers? Pair the survey with a strong message from leadership emphasizing its purpose and confidentiality.

Section 1: Your role

What is your primary role? *(Select one)*

- ☐ Clinical Staff (e.g., physician, nurse, allied health professional)
- ☐ IT/Technology Staff
- ☐ Administration/Operations
- ☐ Quality Improvement/Safety
- ☐ Executive Leadership
- ☐ Other

Do you directly engage with or support AI tools in your work? *(Select one)*

- ☐ Yes, regularly
- ☐ Occasionally
- ☐ Rarely
- ☐ Not at all

Section 2: Current AI use

In which areas are AI tools currently in use in your department or team?

(Select all that apply)

- ☐ Diagnostics (e.g., imaging, pathology)
- ☐ Treatment planning (e.g., clinical decision support)
- ☐ Patient monitoring (e.g., remote patient monitoring)
- ☐ Administrative tasks (e.g., scheduling, billing)
- ☐ We are not currently using any AI tools
- ☐ Not sure
- ☐ Other

How would you describe the overall effectiveness of current AI tools in your area?

(Select one)

- ☐ Very effective
- ☐ Somewhat effective
- ☐ Neutral
- ☐ Somewhat ineffective
- ☐ Very ineffective
- ☐ Not applicable/Not using AI tools

What types of support have most helped you or your team use AI tools effectively?

(Select all that apply)

- ☐ In-person training sessions
- ☐ Online training modules
- ☐ Regular updates or refreshers
- ☐ 1:1 technical assistance or coaching
- ☐ Accessible user guides or documentation
- ☐ Support from a local AI champion or superuser
- ☐ None of the above

Section 3: Implementation barriers

To what extent do the following present barriers to AI implementation in your area?

(Rate each from 1 = Not a barrier to 5 = Major barrier)

- Rate 1-5 ▾ Integration with existing systems and workflows
- Rate 1-5 ▾ IT infrastructure limitations
- Rate 1-5 ▾ Lack of staff training
- Rate 1-5 ▾ Clinical resistance or skepticism
- Rate 1-5 ▾ Unclear return on investment
- Rate 1-5 ▾ Data privacy and security concerns
- Rate 1-5 ▾ Complex procurement processes
- Rate 1-5 ▾ Regulatory and compliance uncertainty
- Rate 1-5 ▾ Lack of time or capacity to adopt new tools

How often do you or your team encounter technical issues with AI tools? *(Select one)*

- ☐ Frequently (at least weekly)
- ☐ Occasionally (at least monthly)
- ☐ Rarely (a few times a year)
- ☐ Never
- ☐ Not applicable/Not using AI tools

How confident are you in your team's ability to manage and resolve issues related to AI tools? *(Select one)*

- ☐ Very confident
- ☐ Somewhat confident
- ☐ Neutral
- ☐ Somewhat unconfident
- ☐ Very unconfident

Section 4: Enablers of AI use

To what extent do the following factors support successful AI implementation?

(Rate each from 1 = Not a factor to 5 = Major factor)

- Rate 1-5 ▾ Leadership support
- Rate 1-5 ▾ Clear clinical use case
- Rate 1-5 ▾ Well-defined success metrics
- Rate 1-5 ▾ Staff training and onboarding
- Rate 1-5 ▾ Positive results from pilot projects
- Rate 1-5 ▾ Availability of technical support
- Rate 1-5 ▾ Alignment with hospital goals
- Rate 1-5 ▾ Proven improvement in patient care

How accessible are AI-related learning resources (training, documentation, support) in your department? (Select one)

- ☐ Very accessible
- ☐ Somewhat accessible
- ☐ Neutral
- ☐ Somewhat inaccessible
- ☐ Very inaccessible

Section 5: Organizational readiness

How prepared is your area to support AI tool use in the following aspects?

(Rate each from 1 = Not prepared to 5 = Fully prepared)

- Rate 1-5 ▾ Technical infrastructure
- Rate 1-5 ▾ Staff knowledge and skills
- Rate 1-5 ▾ Workflow alignment
- Rate 1-5 ▾ Regulatory and compliance alignment
- Rate 1-5 ▾ Data quality and availability

Has your department discussed or planned for expanding AI use in the next 12 months? *(Select one)*

- ☐ Yes, detailed planning underway
- ☐ Yes, preliminary discussions only
- ☐ No, not currently
- ☐ Not sure

Section 6: Monitoring and outcomes

Which of the following outcomes are currently being tracked for AI tools in your area? *(Select all that apply)*

- ☐ Patient outcomes
- ☐ Workflow efficiency
- ☐ Cost savings
- ☐ Staff satisfaction
- ☐ None
- ☐ Other: _____ (free response)
- ☐ Not sure

How often are results from AI tools reviewed and discussed? *(Select one)*

- ☐ Regularly (e.g., monthly or quarterly)
- ☐ Occasionally
- ☐ Rarely
- ☐ Never
- ☐ Not applicable/Not using AI tools

How strongly do you agree with the following: "I believe AI tools have improved the quality of care in my area." *(Select one)*

- ☐ Strongly agree
- ☐ Somewhat agree
- ☐ Neutral
- ☐ Somewhat disagree
- ☐ Strongly disagree

End of survey