AI IN HEALTHCARE | MARKET REASEACH SURVEY 2026

The Healthcare Industry Agrees: AI Works Best with a **Human** at the Helm

Key findings from a survey of healthcare professionals across the United States - exploring trust, risk, and the real value of AI in clinical settings.

THE MARKET VERDICT

Near-Universal Consensus on AI's role

Healthcare professionals aren't debating whether to use AI — **they're clear on how.** The data reveals a decisive rejection of fully autonomous AI in favor of a collaborative model that keeps human expertise at its core.

of respondents believe AI should support and augment human clinical expertise, not replace it. This near-universal consensus is the clearest signal in the survey. **The market has spoken: it wants a silicon partner, not a replacement.**

ADOPTION READINESS

How Healthcare Professionals React When AI Enters Their Workflows

The dominant response is cautious curiosity — not enthusiasm, not outright rejection. This signals a market ready to engage, but needing to be won over with evidence and accountability.

44% Curiosity mixed with caution

44% Skepticism about accuracy or reliability

13% Strong enthusiasm and rapid adoption

10% Concern about job security

RISK PERCEPTION

What They Fear Most From AI Without Human Oversight

74% Misinterpretation of complex clinical data

62% Loss of clinical accountability

49% Overreaillance on automation

31% Compliance or regulatory risk

TRUST DRIVERS

What Builds Trust in AI-Generated Outputs

67% Human review or validation is the #1 factor that increases trust in AI outputs

54% Require consistent performance over time before trusting AI results

46% Want transparent reasoning and source visibility from AI systems

EFFECTIVENESS

How AI is Actually Delivering Value Today

Most organizations **use AI primarily to accelerate work while humans validate the results (64%)**, showing that AI is largely augmenting—not replacing—human effort. Another **21% use AI for decision support**, while **13% report AI fully replacing manual processes**. However, **15% say AI has not yet improved outcomes in their environment.**

Not when it operates autonomously. Not when it replaces clinical staff. The winning formula combines AI speed with human judgment —

Hybrid Intelligence in action.

IMPLEMENTATION

What Delivers the Most Sustainable Results

More than half of respondents have found a clear answer — introducing AI alongside existing clinical teams, rather than replacing them, produces the most durable gains.

51% say introducing AI alongside existing teams is the most sustainable approach.

28% report no approach has clearly worked yet — a significant unmet need in the market

The Bottom Line

Healthcare professionals aren't resistant to AI — they're resistant to AI without accountability. They want speed and transparency, but insist on a human in the loop. The organizations that win will treat AI as a powerful collaborator, not a replacement.

The data is unambiguous: **Hybrid Intelligence is not a compromise. It is the preferred model.**

At Carta Healthcare, we believe high-quality data is the foundation for better healthcare outcomes. Traditional clinical data abstraction methods are labor-intensive, time-consuming, and costly. Our hybrid intelligence approach combines advanced AI with expert clinicians to deliver accurate, actionable data, reduce costs, and improve efficiency for hospitals and health systems nationwide. Recognized with awards such as the Merit Award, Pinnacle Award, and DEG Innovation Awards, Carta Healthcare is redefining the future of healthcare data management.

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