

# AI spending boom on the horizon

Whether artificial intelligence and machine learning revolutionize healthcare over the next few years remains to be seen, but based on spending projections, the market is about to take off.

Worldwide—and industrywide—revenue for cognitive and AI systems ...

... projected for 2020

**\$46 BILLION**

... for 2017

**\$12.5 BILLION**

—International Data Corp.

Healthcare market value of AI ...

... projected for 2021

**\$6.6 BILLION**

... for 2014

**\$600 MILLION**

—International Data Corp.

**\$150 MILLION**

Amount that AI is projected to save healthcare annually by 2026

—Accenture

**35%**

of healthcare organizations plan to utilize AI by 2019; 50% intend to use it within five years

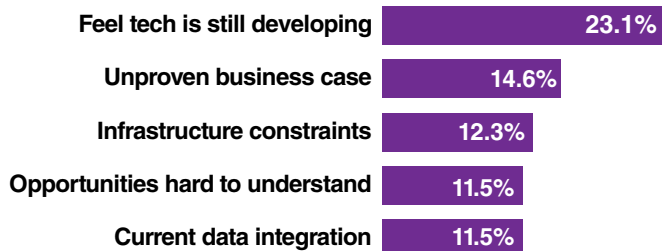
—HIMSS Analytics

Top five AI applications, ranked by estimated annual benefit by 2026

Robot-assisted surgery	\$40 billion
Virtual nursing assistants	\$20 billion
Administrative workflow assistance	\$18 billion
Fraud detection	\$17 billion
Dosage error reduction	\$16 billion

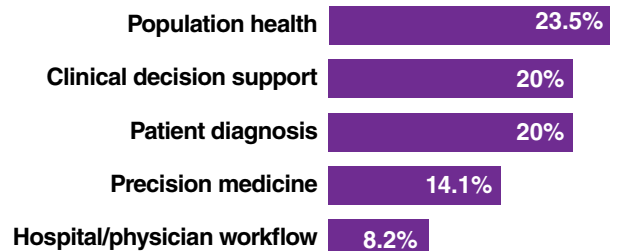
—Accenture

## Top 5 barriers for adopting AI



—HIMSS Analytics

## Areas for greatest initial impact from AI



—HIMSS Analytics