



## CYBERSECURITY

Where will cybersecurity resources be added next year?

**92%**

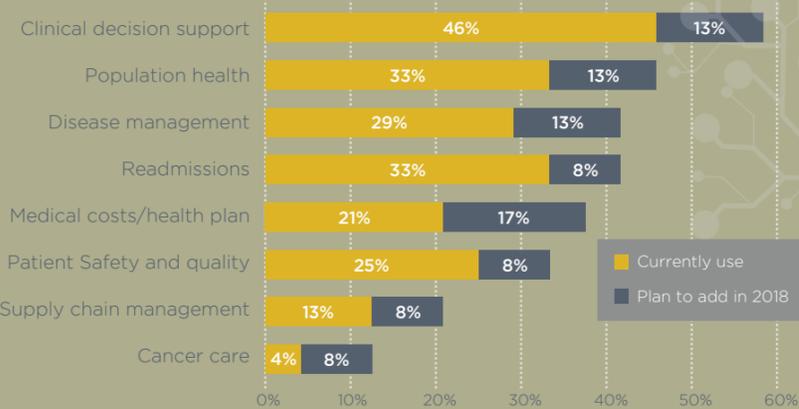
Nine in 10 respondents said they plan to boost resources for technology.

**Ransomware:**  
Are health systems opening bitcoin wallets?



## ARTIFICIAL INTELLIGENCE

Where A.I. is in use, and where it will be implemented?\*



Not a priority for 2018

**63%**

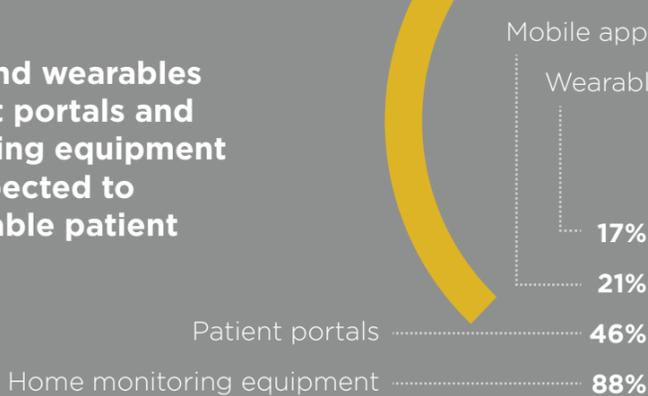
Nearly two-thirds of responding hospital IT executives said implementation of A.I. solutions are a "low" or "very low" priority for 2018.



## CONSUMER-FACING TECHNOLOGY

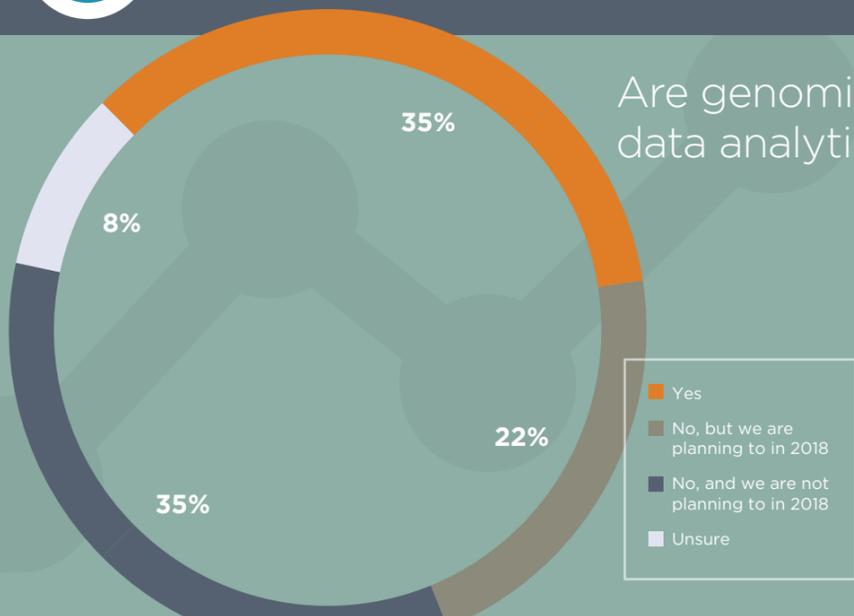
What will be the sources of valuable patient-generated data in 2018?

Mobile apps and wearables lagged patient portals and home monitoring equipment as sources expected to generate valuable patient data in 2018.\*



## PREDICTIVE ANALYTICS

Are genomic testing and data analytics in use?



**Challenges to implementing predictive analytics?**

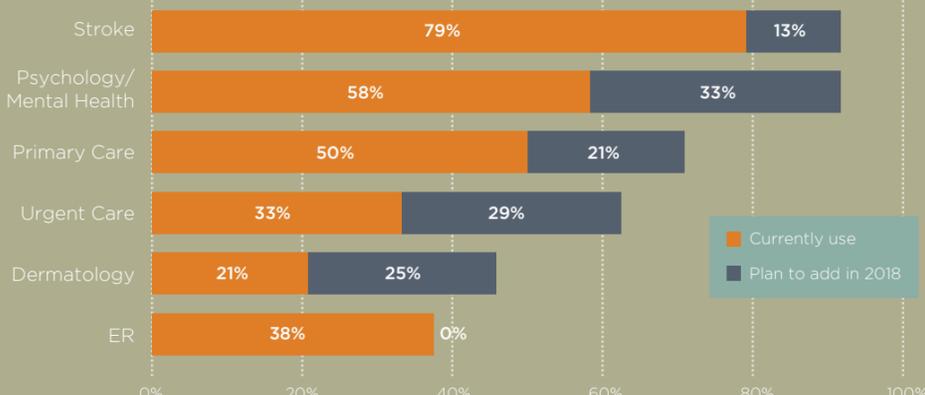
Top reason cited by respondents:

**67%** Resource allocation



## VIRTUAL CARE

Which clinical areas have telehealth services? Where will they be added in 2018?\*



**Why implement remote monitoring systems?**

Top reason cited by respondents:

**75%**

Improve quality/safety

## METHODOLOGY

The Center for Connected Medicine partnered with the Health Management Academy to survey executives of leading health systems on their health information technology priorities for 2018. The survey, conducted July 28 through Sept. 19, 2017, targeted 35 of the largest health systems in the United States and generated a response rate of 69 percent. Respondents, whose titles were chief informatics officer, chief medical informatics officer or chief nursing informatics officer, represented health systems with average net patient revenue of \$4.9 billion per year, and which own or operate a combined 357 hospitals that receive approximately 4.1 million patient admissions annually.

\*Note: Respondents could choose multiple answers

