

HARNESSING GENOMIC DATA IN HEALTH SYSTEMS

Genomic data is at the heart of precision medicine, giving providers opportunities to improve patient outcomes, quality of care, cost and population health. Interest is high – 64% of respondents of a new HIMSS health care leadership survey report their hospitals and health systems have a genomic data management strategy planned or in place.*

Here are the thoughts of surveyed health system leaders:

PRECISION MEDICINE IS PICKING UP SPEED

9 OUT OF 10 respondents say their organizations now offer or plan to offer genetic/genomic testing as part of a precision medicine program



More than **HALF**

say their organizations currently offer precision medicine programs with genomic testing



73%
Immunotherapy testing now offered
12% plan to within 24 months

55%
Pharmacogenomics testing now offered
26% plan to within 24 months

52%
Next-Generation Tumor Sequencing testing now offered
31% plan to within 24 months

50%
Cell Therapy testing now offered
28% plan to within 24 months

ACADEMIC MEDICAL CENTERS ARE AT THE HELM OF COMPLEX PRECISION MEDICINE PROVIDING CELL THERAPY



65%

academic medical centers

VS.



38%

multi-hospital systems/IDNs

GENOMIC DATA MANAGEMENT IS A NEAR-TERM PRIORITY FOR MOST RESPONDENT ORGANIZATIONS



OVER 1/2 report their organizations plan to implement a strategy within 24 months

1/3 report their institution has a genomic data management strategy in place



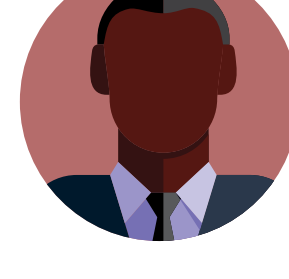
IN DRIVING A GENOMICS DATA MANAGEMENT STRATEGY, INFORMATICS LEADERS AND CLINICIANS USING GENOMICS IN DAILY INPATIENT CARE ARE THE MOST INVOLVED



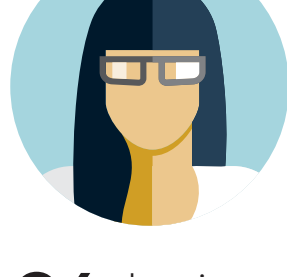
87% informatics leaders



84% clinicians involved in daily patient care



70% IT/technology leaders



60% business health care leaders



46% IT security/cybersecurity



20% clinicians not involved in daily patient care

AN ENTERPRISE-WIDE APPROACH TO GENOMIC DATA MANAGEMENT IS MOST COMMON

67%
report an enterprise-wide strategy

33%
report a departmental strategy

34% Gap

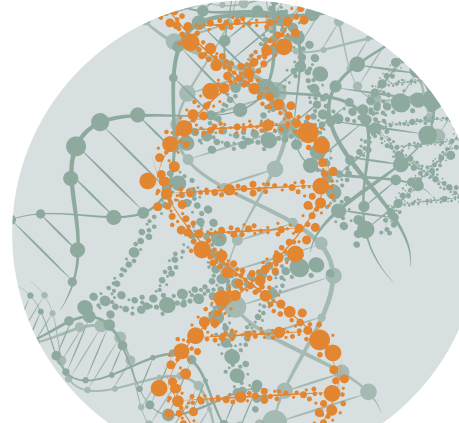


FOR THE MOST IMPORTANT CRITERIA NEEDED IN AN ENTERPRISE-WIDE GENOMIC DATA MANAGEMENT PLATFORM...



9 OUT OF 10

cite the ability to reinterpret genomic data and support appropriate clinical notification



87%

say the ability to consume genetic and genomic test results from a variety of labs

TO ESTABLISH GENOMIC DATA MANAGEMENT BEST PRACTICES...

Respondents say their organizations turn to:

74% industry research

68% case studies from other organizations

57% conferences

53% peer associations



TOP 5 REASONS TO LAUNCH OR FURTHER DEVELOP A PRECISION MEDICINE PROGRAM AND GENOMIC TESTING

TO LAUNCH OR FURTHER DEVELOP A PRECISION MEDICINE PROGRAM AND GENOMIC TESTING



54%

Clinical effectiveness



45%

Cost effectiveness



42%

Reimbursements



33%

Technology infrastructure that supports in-workflow genomic data use



32%

Clinical practice guidelines development

LOOKING AT THE FUTURE OF PRECISION MEDICINE...

Respondents predict the number of vendor partners their organizations use will grow

OVER 1/2 report their organizations now partner with 2+ vendors for genetic/genomic data production, storage and analysis



60% of all respondents expect their vendor count in each of these areas to INCREASE within 3 years

Learn more about genomic data and precision medicine at connectedmed.com/resources



Produced by



* HIMSS Media Survey: "Genomic Data Management," March 2020. Sponsored by the Center for Connected Medicine (CCM). This survey included 101 qualified survey respondents employed at U.S. hospitals and health systems in a mix of roles, including IT, informatics, business, and clinicians who use genomics daily in patient care. CCM was not identified as the survey sponsor.