How to turn big data into actionable data that provides insight and value

GETTING THE BIG PICTURE

What is big data?
Big data is so voluminous and complex that it can't be analyzed with your usual data processing applications.

Big data is multi-structured
In health care, different organizations use different structures, types and formats, and much of the data has no structure at all.

Big data is multi-sourced
Health care data resides with payers and providers as:

- CLAIMS DATA
- CLINICAL DATA
- STATUS DATA

What is actionable data?
Actionable data is accurate, insightful information that can provide an organization with insights that improve patient care, reduce risk and strengthen the bottom line.

Actionable data is standardized
Standardized data is cleansed and has common terminology, allowing for apples-to-apples analysis.

Actionable data is predictive
Predictive data illuminates patterns from the past that can forecast trends in the future.

Actionable data is preventive
Preventive data is the foundation of evidence-based care. With it, providers are able to find out which treatments are best and most cost effective.

Actionable data is timely
Timely data doesn’t come from claims — it comes from EMRs and other provider information systems that show how patients are being treated and where they’re being moved.

Actionable data is comprehensive
Comprehensive health care data includes not only claims data, but multi-sourced clinical data, socio-demographic data and admit/discharge data, which allows for a more detailed picture of patient health and activity.

Big, actionable data is analytics ready
Big data that is accurate is ready to run through advanced analytics. Advanced analytics provide health care organizations with the insight they need to proactively assess costs, health status and risk for their patient populations.