

Population Health Intelligence Turning Data into Action



Today's Presenters

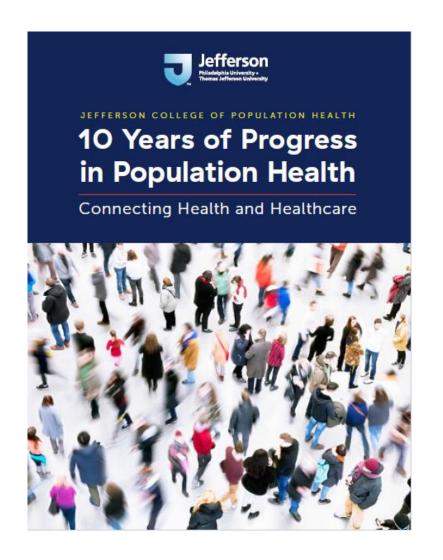


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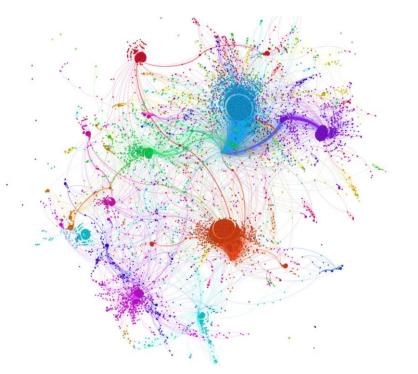


To prepare leaders with global vision to develop, implement and evaluate health policies and systems that improve the health of populations and thereby enhance the quality of life

Agenda

- Population Health
- Population Health Intelligence

The MS-PHI Program



Source: https://www.flickr.com/photos/104820964@N07/15380881731/



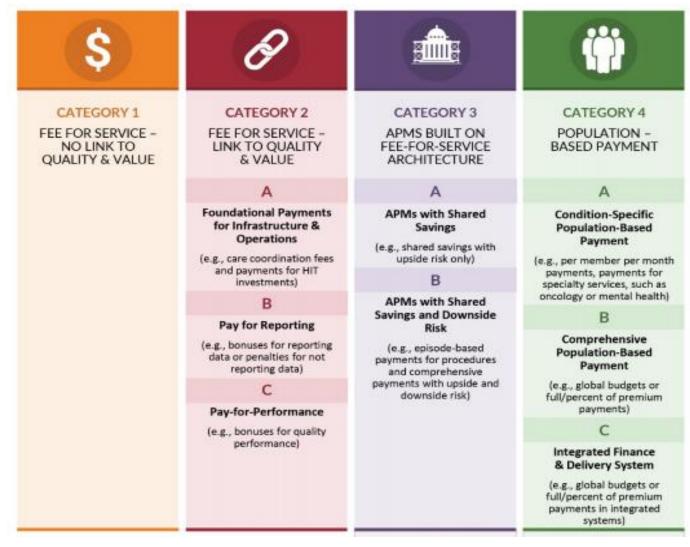
THOMAS JEFFERSON UNIVERSITY | COLLEGE OF POPULATION HEALTH

Population Health Definition

- Population Health is:
- A healthcare delivery model,
- Coupled with a reimbursement or payment model,
- Designed to deliver the most health, at the lowest cost, to a defined population,
- Supported by a data infrastructure.

http://scherpbier.health/population-health-needs-a-tight-definition-to-succeed/

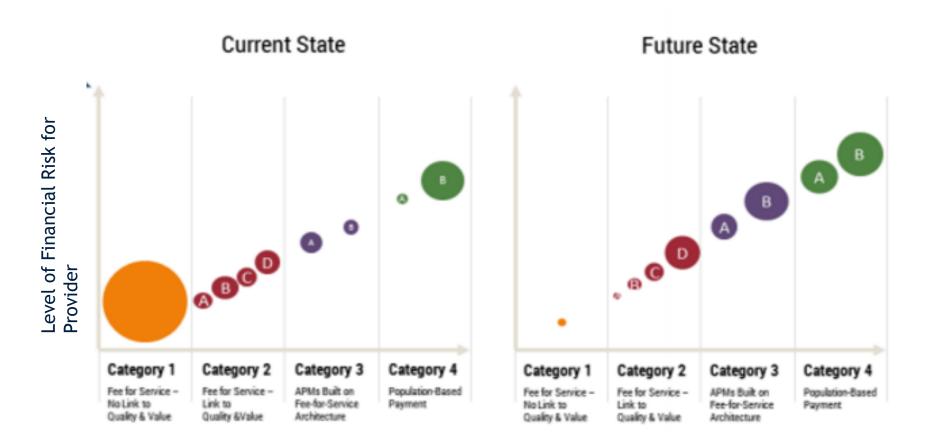
HCP-LAN Alternative Payment Model Categories



https://hcp-lan.org/workproducts/apm-methodology-2019.pdf

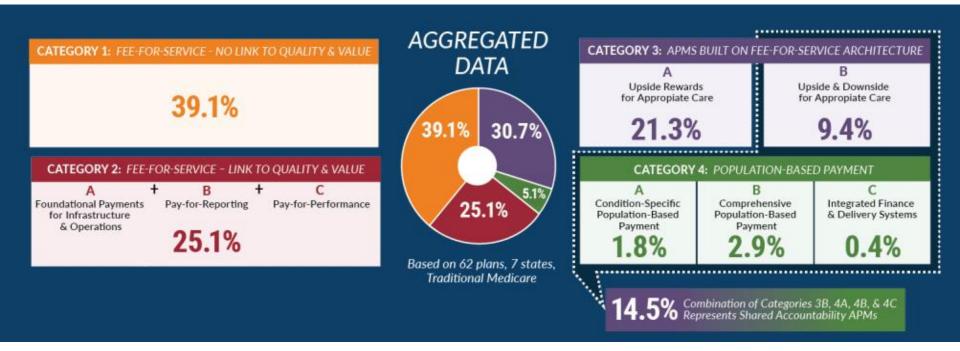


Current State and Future State



Health Care Payment Learning & Action Network - Alternative Payment Model Framework - 1/12/2016

2019 HCPLAN update on 2018 payments



- Takeaway:
- Shift to value-based care and population health models is well underway - and will continue
- Operationalizing Population Health requires a data analytics and intelligence framework

What is Population Health Intelligence?

We coined the term Population Health Intelligence® to describe a new discipline whose role is to collect, organize, harmonize, analyze, disseminate and act upon the data available to clinicians, health system leaders, the pharmaceutical and biotechnology industry, and healthcare payers. The mantra of Population Health Intelligence is "turning data into insight and action."

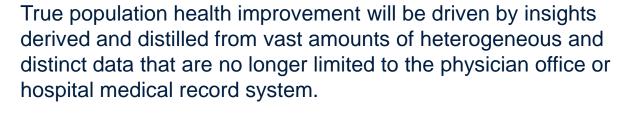




What is Population Health Intelligence?









In addition to understanding data, these individuals must also be experts in population health, health system organization, terminology and culture.



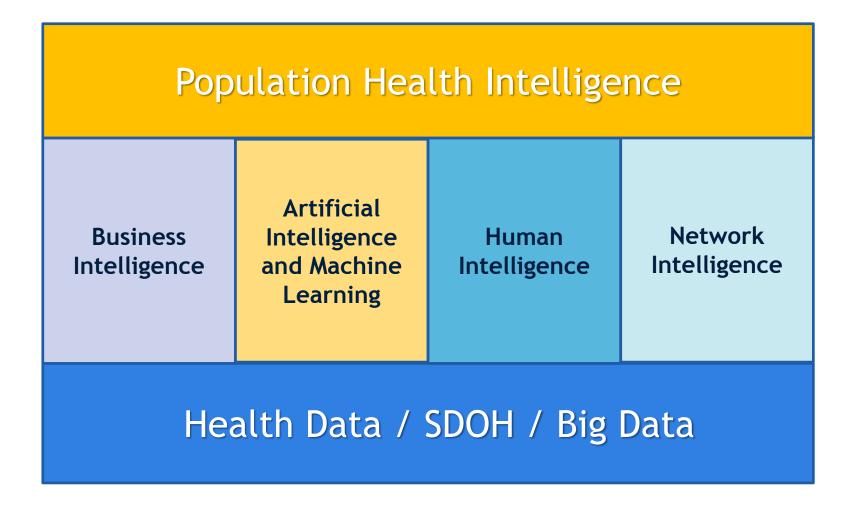




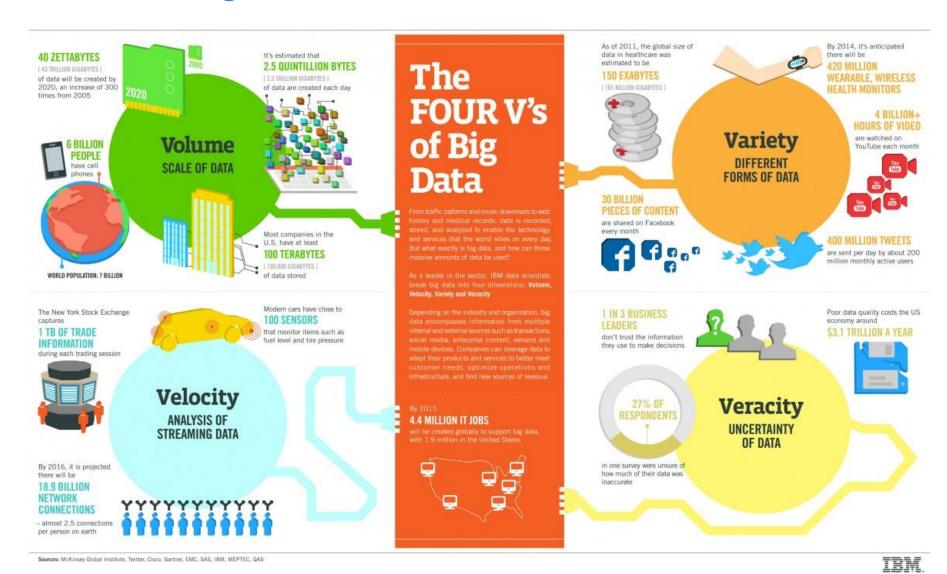
HIMSS Analytics Maturity Stack

STAGE	HINSS Analytics AMAM Adoption Model for Analytics Maturity Cumulative Capabilities
7	Personalized medicine & prescriptive analytics
6	Clinical risk intervention & predictive analytics
5	Enhancing quality of care, population health, and understanding the economics of care
4	Measuring and managing evidence based care, care variability, and waste reduction
3	Efficient, consistent internal and external report production and agility
2	Core data warehouse workout: centralized database with an analytics competency center
1	Foundation building: data aggregation and initial data governance
0	Fragmented point solutions

Population Health Intelligence Foundations



What is Big Data?



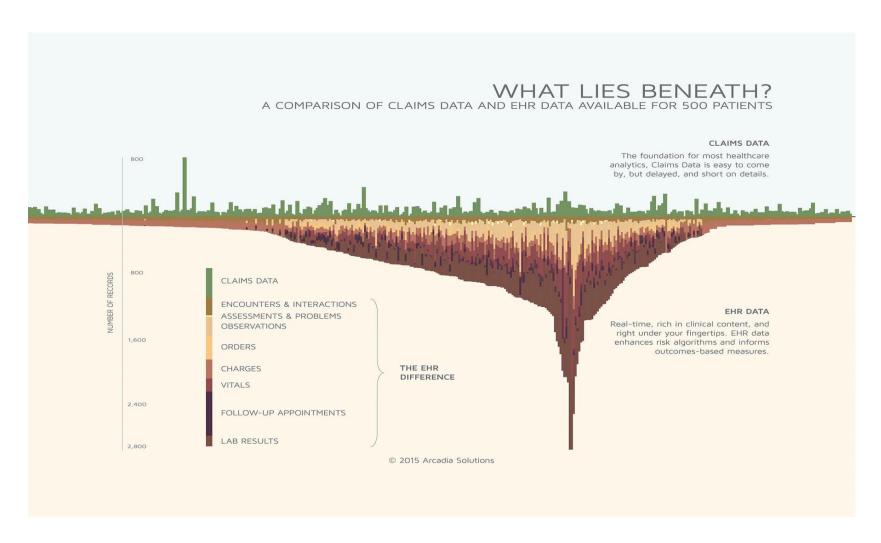


What is Big Data?

Organizations believe they lack the capabilities to generate meaningful business insights from their data.



HealthCare Data



Source: https://whatsthebigdata.com/2016/04/12/comparing-claims-data-and-ehr-data-for-the-same-patients/



Population Health Intelligence Training

Population Health Strategy

Healthcare Data Data Science

Data Visualization

Data Governance Analytical Leadership

Statistics

Epidemiology

Tools and Technology

Case Studies

Implementation Science

Social
Determinants
of Health

Who should consider PHI training?

Healthcare Plans

Community Organizations

Pharmacy or Biotech

Healthcare Settings

Academic Organizations

Public/ Government

Healthcare
Business
Consulting

Healthcare Administration Healthcare Professional Organizations

Population Health Intelligence



- Certificate and Master's Degree Program
- 2-day Boot Camp (Fall 2020)

Learn more at: Jefferson.edu/PHI Information Session: 2/25/20 from 12-1pm Eastern

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