



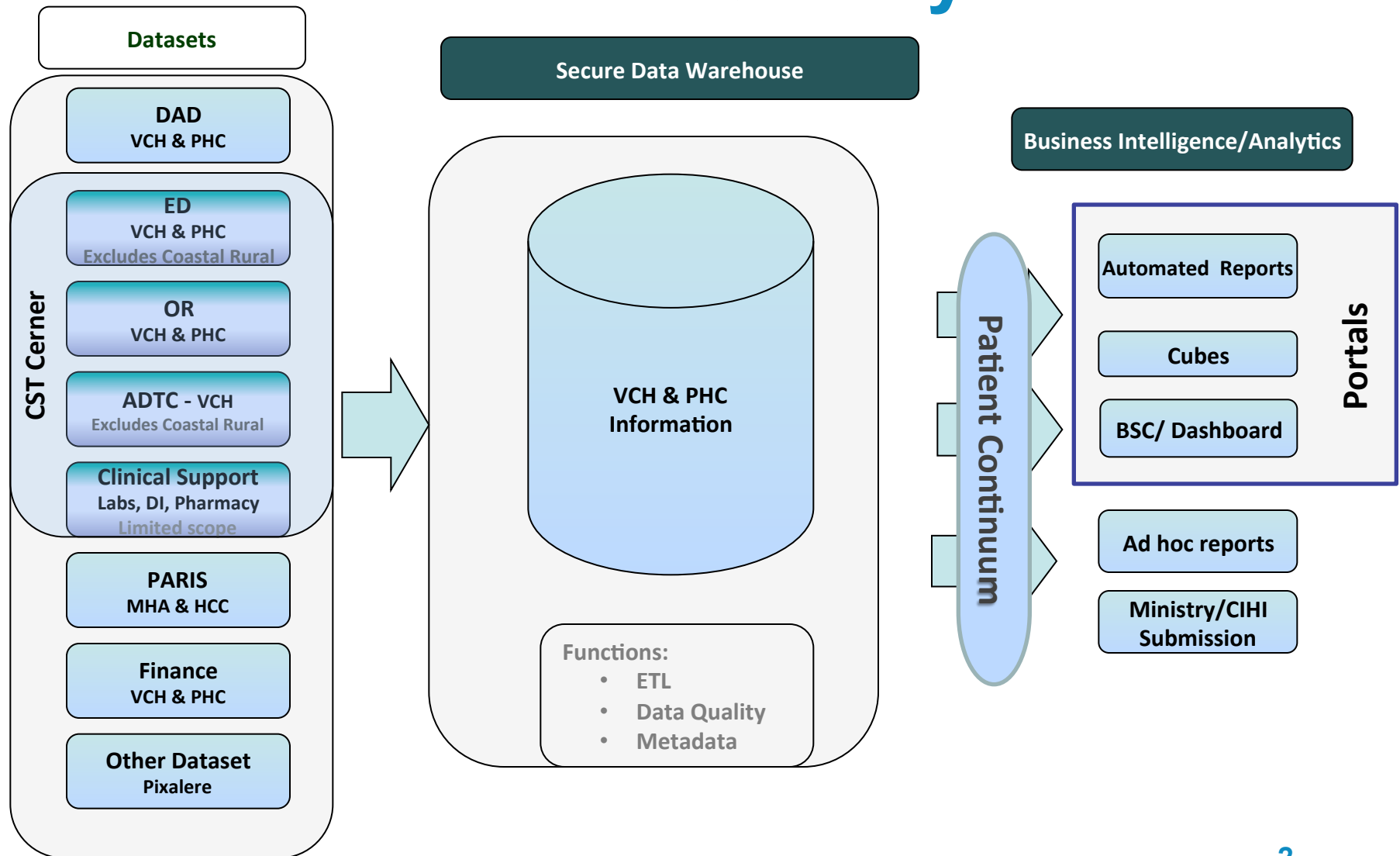
# Big Data Analytics and Innovations at the Edge

Mark Chase

Decision Support

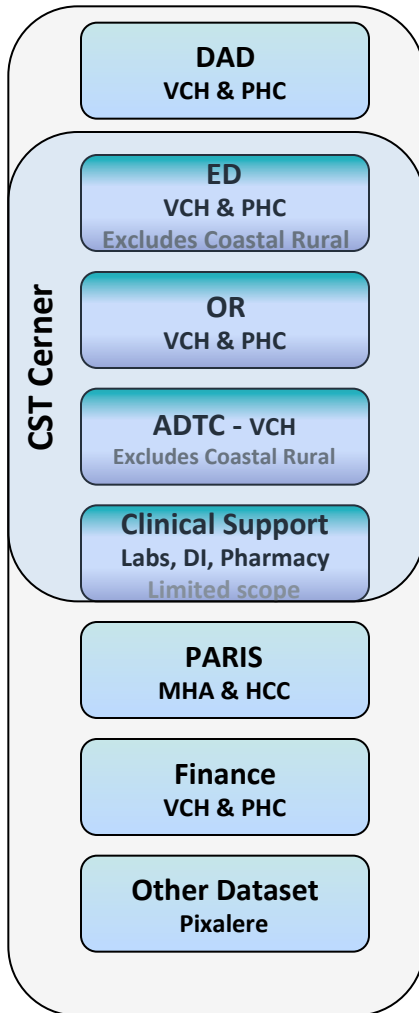
Vancouver Coastal Health

# Current State VCH/PHC Data Warehouse & Analytics



# Future State PHSA/VCH/PHC Data Warehouses & Analytics

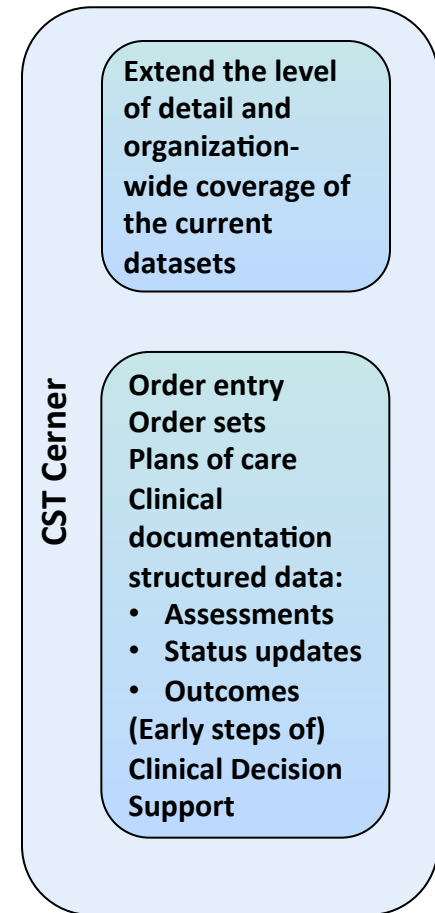
## Current VCH/PHC Datasets



## New Functions and Features

- Faster, more comprehensive data feeds (Change Data Capture)
- Collaboration on data quality and metadata
- Greater consistency
- More powerful, standard data visualization and analytics tools

## New/Expanded Datasets

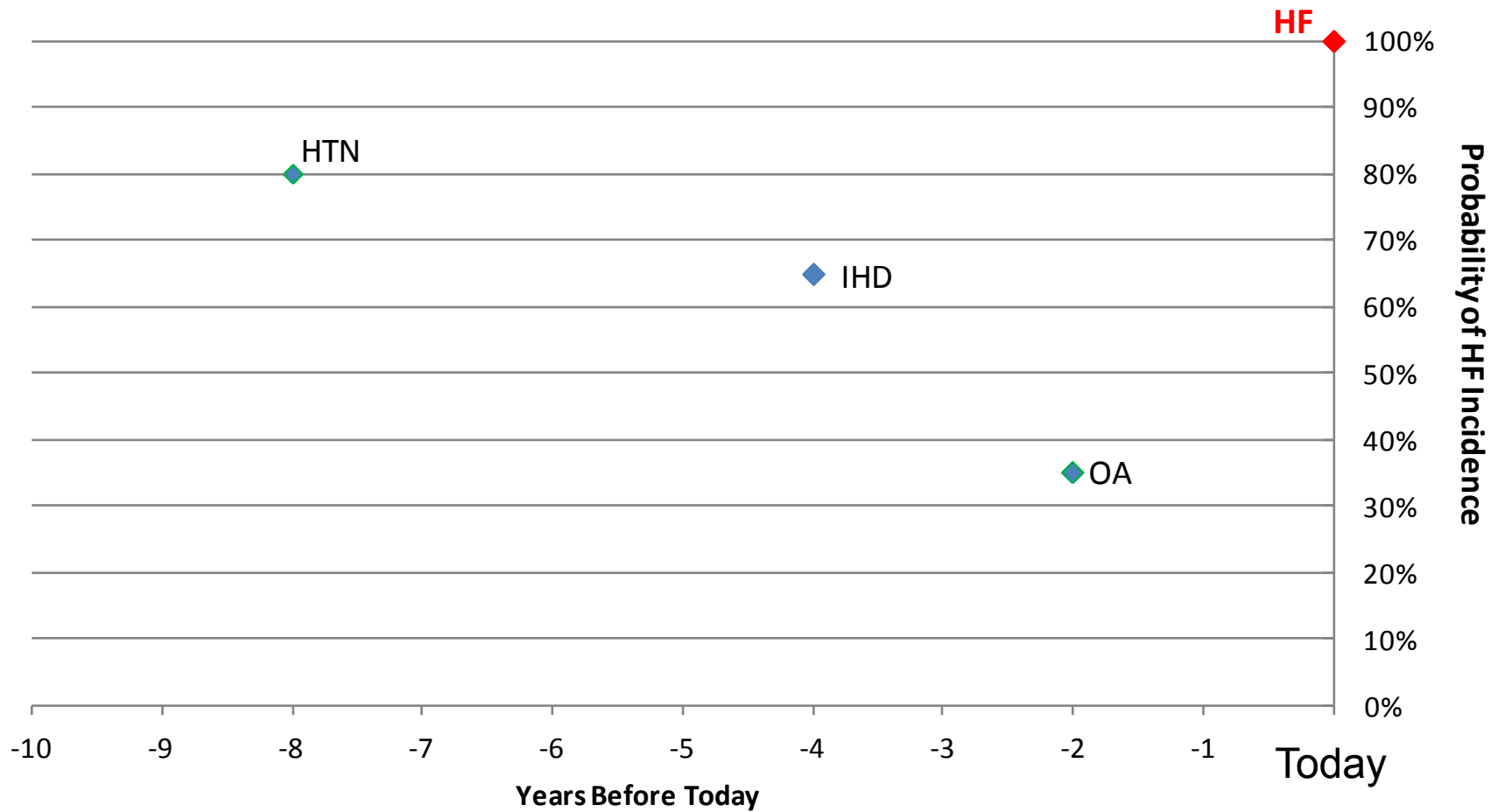


# Scratching the surface: Exploring unstructured data with Big Data technologies

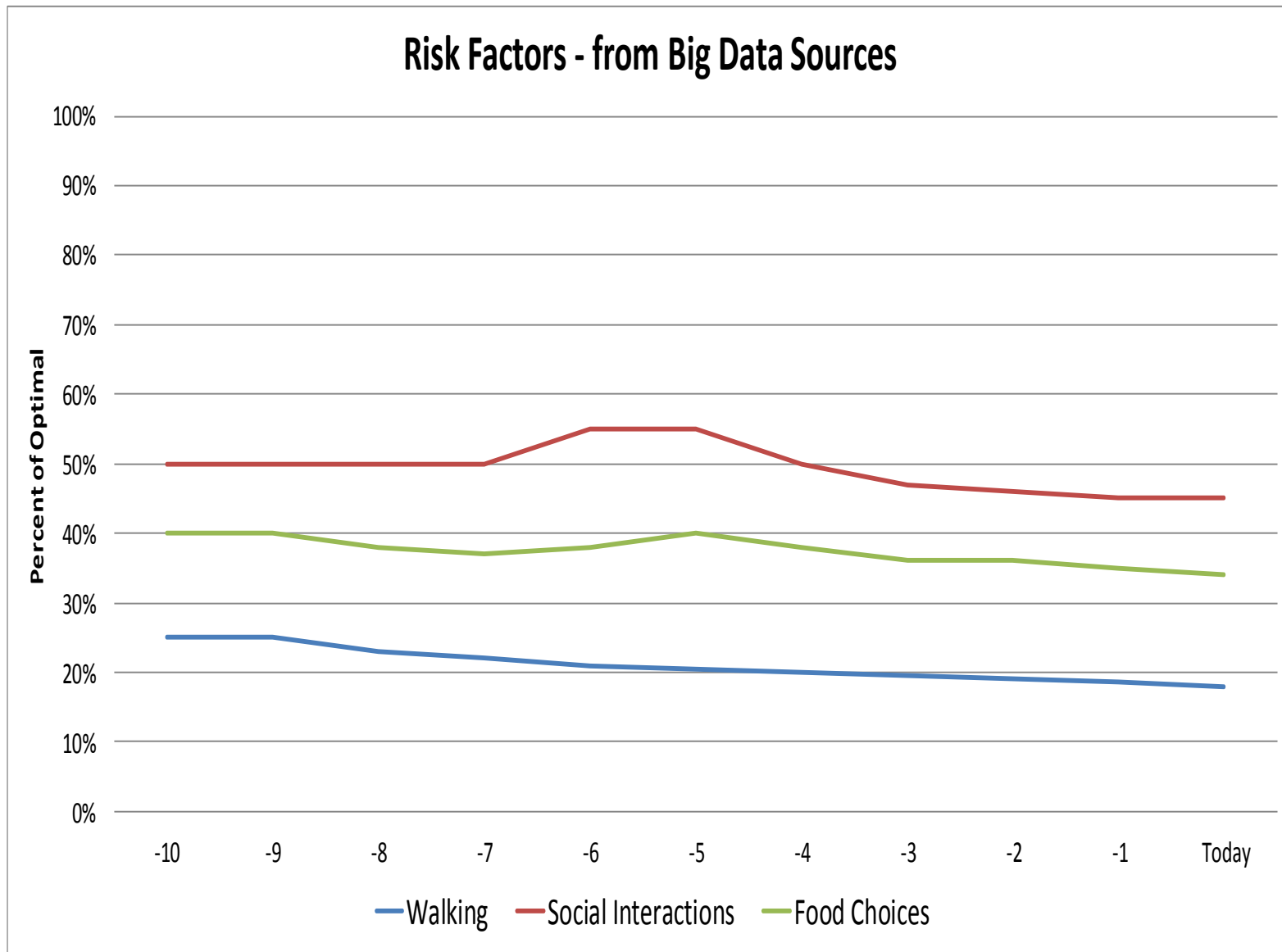
- Data mining laboratory test results
- Exploring and analyzing biomedical device ECG waveform data

# Enabling Actionable Conversations with Impactable Patients

## Patients X's Experience to Date

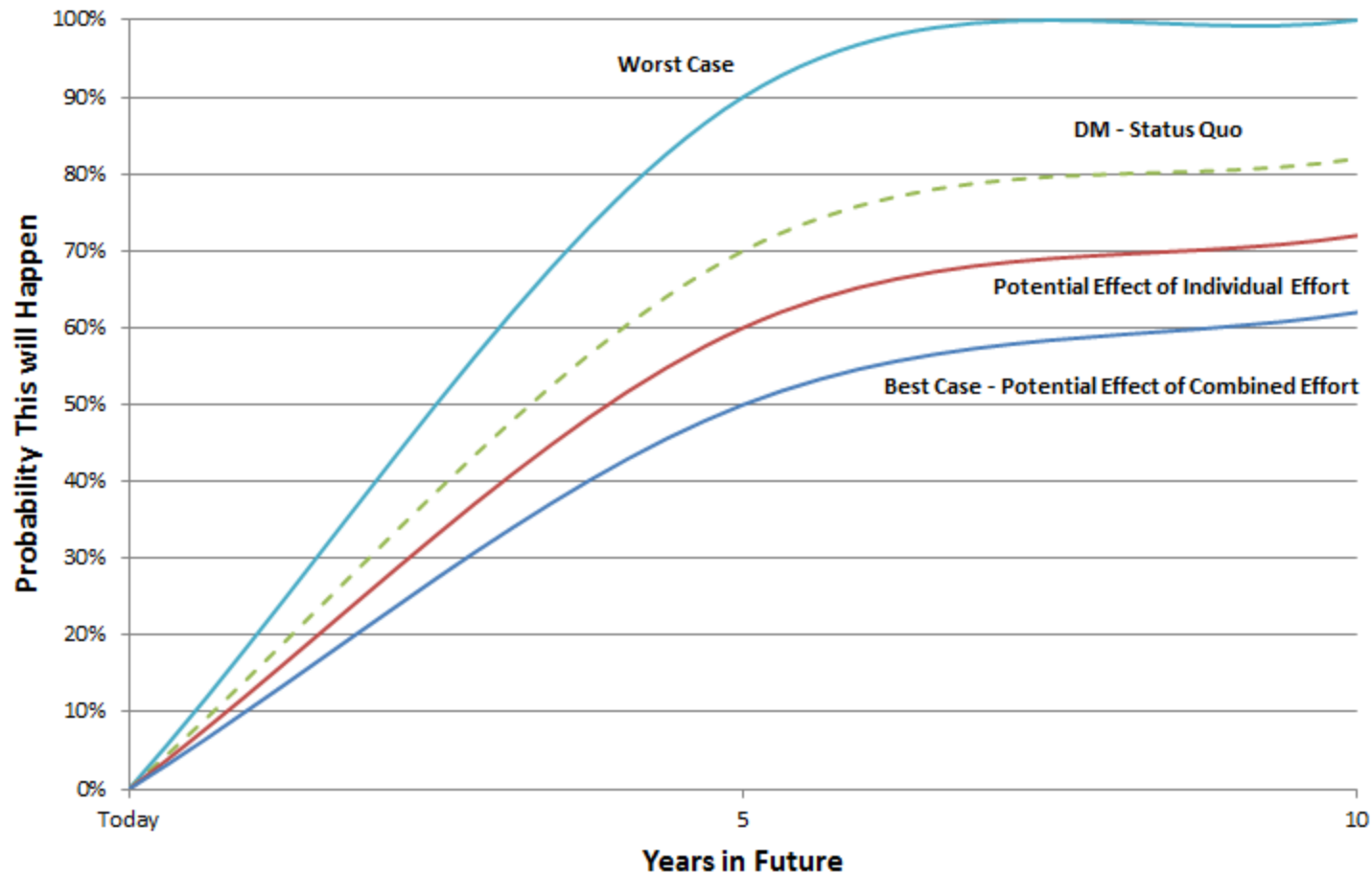


# Beyond the Horizon



# Enabling Actionable Conversations with Impactable Patients

## Patient X's Expected Future - Re Diabetes for example



10