Data Warehouse and Health Analytics Update

Item 9 – Group Insurance Board

Rachel Carabell, Senior Health Policy Advisor

Office of Strategic Health Policy

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Agenda

For informational purposes only. No action is required.

- Contract status

- Implementation status

- Transition to operations

- Analytics agenda

- Data submitters access to data

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Contract Status

Initial Contract

- March 1, 2017 – December 31, 2018

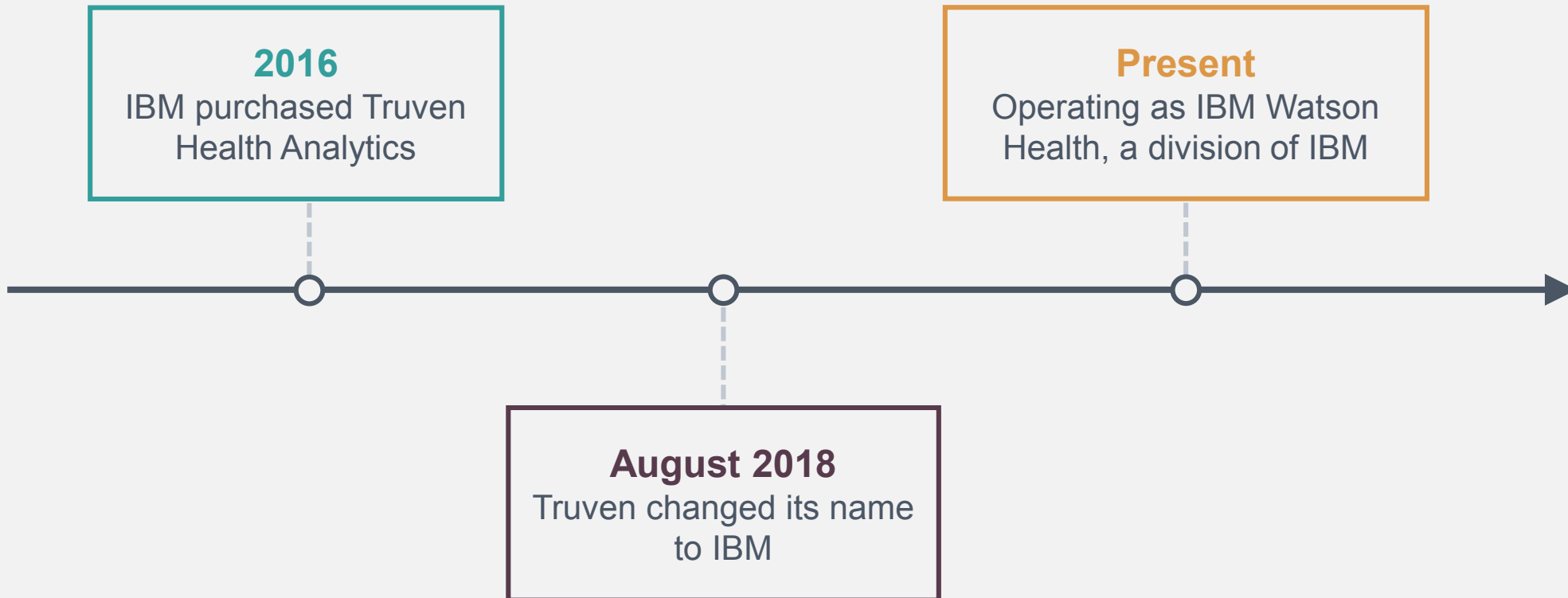## Contract Extension

- Board approved an extension through December 31, 2020

Additional Options

- One, 2-year extension remains (through 2022)

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Vendor Status

2016
IBM purchased Truven Health Analytics

Present
Operating as IBM Watson Health, a division of IBM

August 2018
Truven changed its name to IBM

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DAISI
Data, Analytics, and InSIghts

- Department name for the IBM Watson data warehouse and business intelligence tools

- Includes data from 23 data submitters participating in the Group Health Insurance and Wisconsin Public Employers programs

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Implementation Status

May 2018
Phase 1

Initial data warehouse deployment.

Data from:

- Health plans (except for 3)
- Enrollment
- Pharmacy
- Dental
- Wellness

August 2018
Phase 2

Completed additional data deployment:

- Data from 3 late health plans
- Additional provider information from:
  - Health plans
  - Dental plans
  - Wisconsin Health Information Organization (WHIO)

October 2018
Phase 2

IBM deployed its standard and custom dashboards

Late Data Submitters

Three health plans were not included in initial deployment

Withheld 25% of December 2017 premium ($2.5M)

Two data submitters had acceptable data for second deployment

Withheld premium released in August

Third late submitter recently resubmitted files

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Transition to Operations

- Stabilization Phase

  - Analytics Team

  - DAISI Reporting

  - Policies and Procedures

  - Data Quality Reviews and Data Submissions

  - ETF Coordination

- On-Going Operations Phase

Analytics Team

- Lead Worker

- Data Analyst – Contractor

- Data Consultant – IBM (half time)

- Focused on

  - Training

  - Initial analytic queries

  - Data quality investigations

  - Policy and procedure development

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DAISI Reporting

Dynamic Health Insights

- Deployed in October 2018
- IBM standard dashboards
- Interactive, drillable
- Topics include financial, eligibility, clinical, and pharmacy

Custom Dashboards

- Deployed in October 2018
- Initial focus on summary for executives and wellness programs
- Future focus on gaps not addressed by Dynamic Health Insights

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Policies and Procedures

- Data Submitter Penalty Process

  - Penalties for notifications, timeliness of submissions and quality

  - Procedures to track, monitor and enforce

- Data Request Policies and Process

  - Transparency under Open Records Law

  - Protection under state and federal privacy laws

Data Submissions

Not receiving high quality data consistently each month from all submitters

IBM is working one-on-one with each submitter

In September, IBM held an educational session with all submitters to remind them of the submission requirements

In January, IBM will begin holding quarterly meetings with submitters

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DAISI Coordination

ETF employer and insurance enrollment data is critical to the quality of data in DAISI

Ensuring coordination across ETF through education and engagement about DAISI

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Analytics Agenda

- ETF and IBM are developing a prioritized list of analytic projects for 2019 and 2020

- The process for establishing the analytic agenda has focused on ensuring:

  - Alignment with the GIB and ETF's strategic priorities;

  - Each project has a business purpose or goal;

  - Leveraging IBM's experience working with other public payers;

  - Identification of low-hanging fruit; and

  - Continual improvement in data quality

- ETF will update the Board on its analytic agenda at its February 2019 meeting

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Data Submitters Access

- ETF and IBM are exploring ways to give each data submitter access to DAISI only for their own members for:

  - Validating and improving clinical and financial performance

  - Enabling improved outreach strategies to members

  - Performing program evaluations

- If approved, such access is not expected until later in 2019

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Questions?

Thank you

wi_etf etf.wi.gov ETF E-mail Updates 608-266-3285
1-877-533-5020