HIT-Enabled Quality Measurement SubTeam
Meeting #3
August 24, 2017

James Kirkwood
Director, Division of Healthcare Innovation
Office of Quality and Patient Safety

Agenda

Section	Time		Presenter
Introduction	4:00	5 minutes	Jim Kirkwood
Current State Findings and Validation	4:05	30 minutes	Maria Ayoob
Business Needs Findings and Validation	4:35	20 minutes	Maria Ayoob
Wrap-Up	4:55	5 minutes	Jim Kirkwood

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Current State Validation

- Goal
  - Present and validate current state of lab results delivery, EHR data delivery and measure delivery
  - Discuss and validate issues and unmet needs
  - Discuss areas where additional investigation is needed

- Assumptions
  - Each entity may be using multiple methods of data exchange
  - Methods are implemented on a limited basis

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OPPORTUNITY. | **Department of Health**

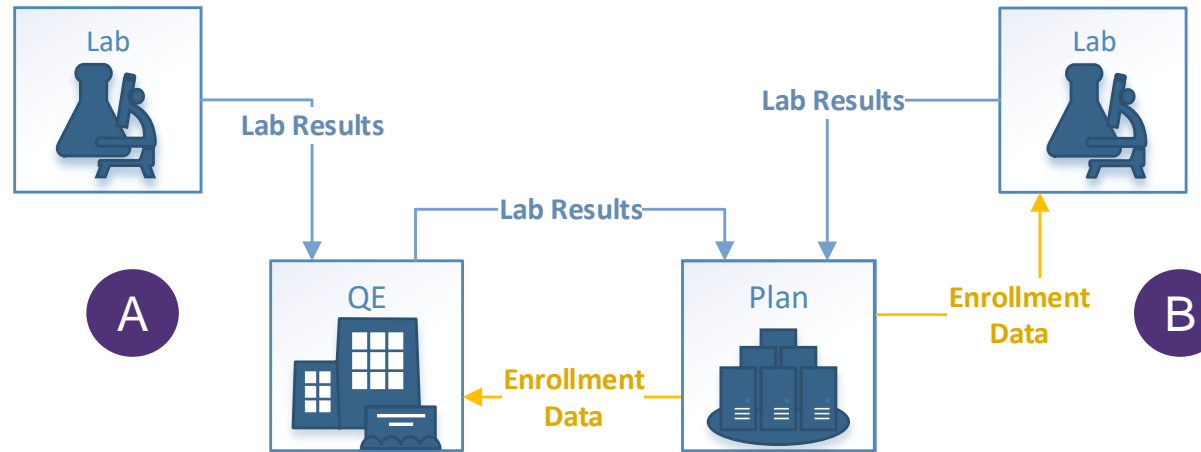# Current State - Lab Data Delivery
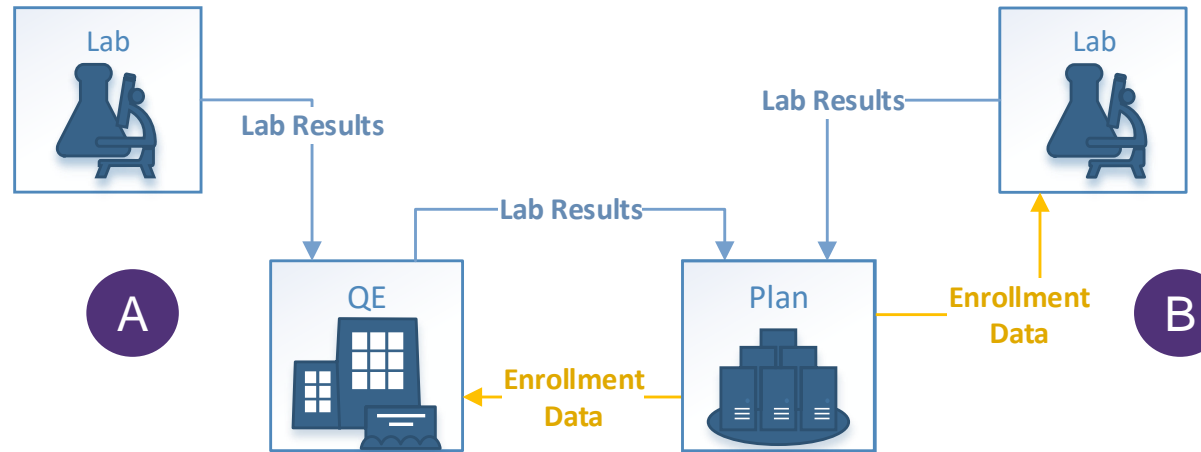
Current State

A. QE as Intermediary
- QE aggregates lab data
- Plan provides enrollment file to QE
- QE delivers batch file or individual lab results as alerts

B. Lab Connects to Plan
- Labs connect directly to plan
- Send data in a flat file

Current State- Lab Data Delivery

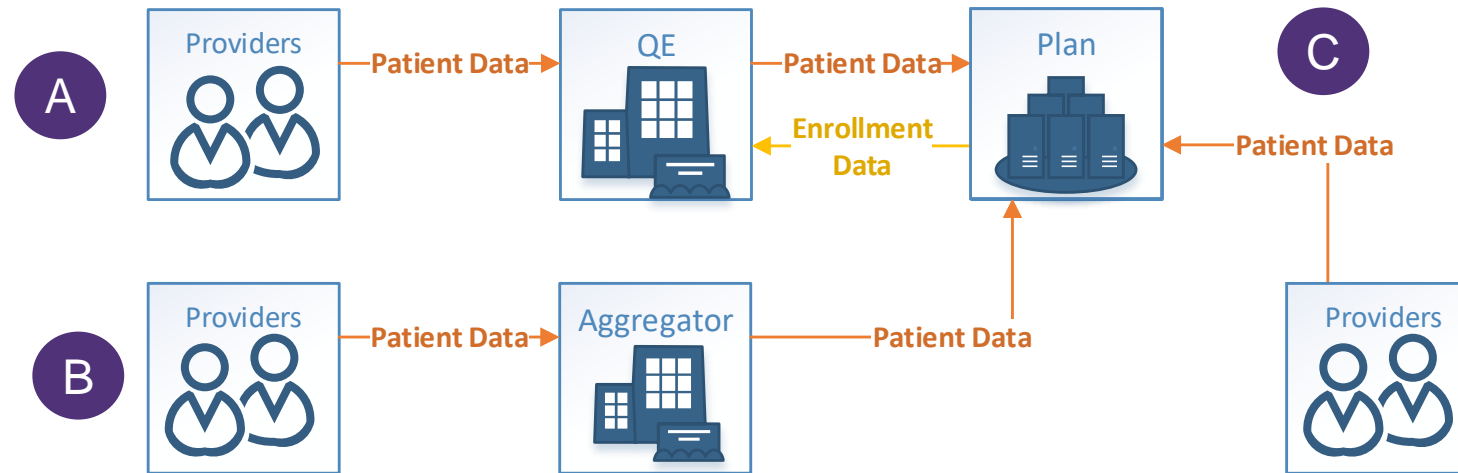| **Issues and Unmet Needs** |
| :--- |
| • Limited implementations of QE lab delivery |
| • Requires multiple connections to be developed and managed |
| • Not all files approved as standard supplemental data |
| • Data quality issues (i.e. local codes) |
| • Plans required to pay for data when connecting directly (reported by 1 plan) |

Current State- Lab Data Delivery
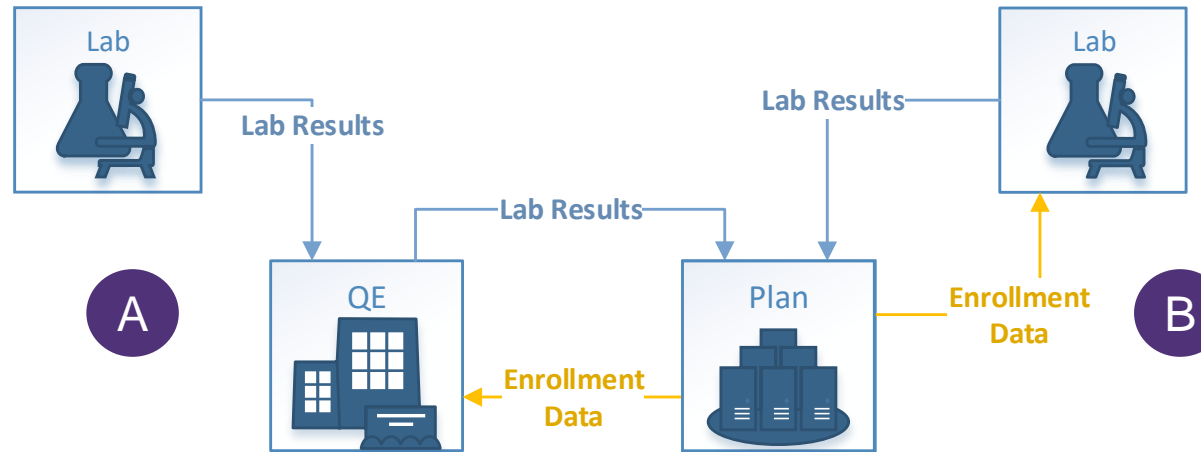
Additional Areas to Investigate

- What data format is used/what data format can plans accept? Can plans accept HL7?

- How are plans overcoming data quality issues (i.e. local codes?)

- How many labs are neither connected to plans nor QEs?

- Do any plans have lab data approved as standard supplemental source?

- To what extent are the same labs connected to both QEs and plans?

Current State- EHR Data Delivery

Current State

A. QE as Intermediary
- QE aggregates patient data
- Plan provides enrollment file/list of members missing services to QE
- QE delivers batch file
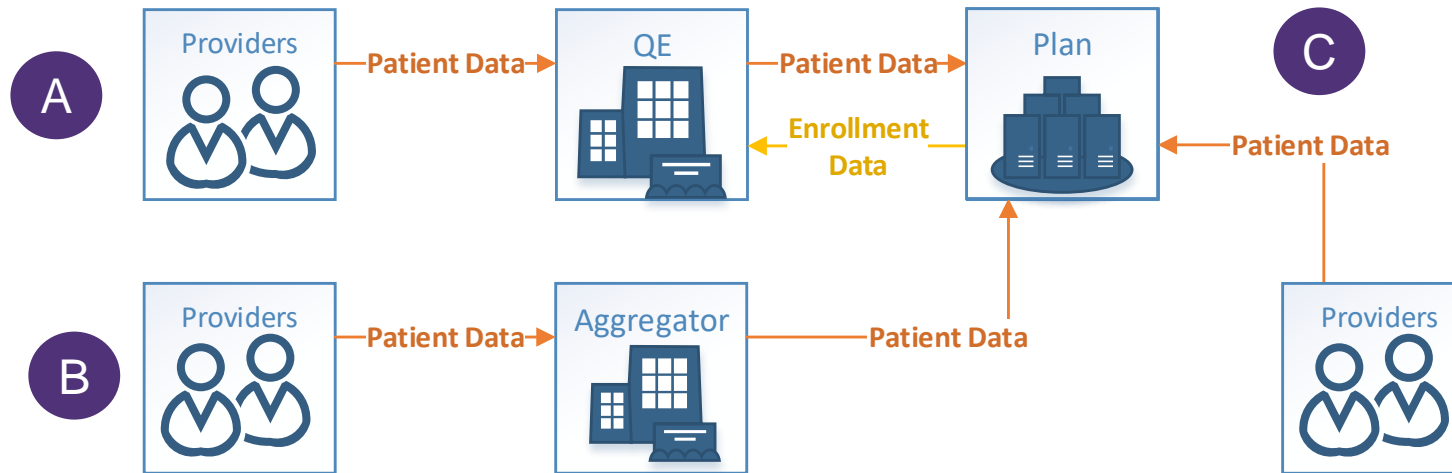
B. Data Aggregator
- Aggregator sends data extract to plan

C. Provider EHR Extracts
- Providers submit data extracts directly to plans

Note: QE data delivery to provider organizations not captured here

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Current State- EHR Data Delivery

Issues and Unmet Needs

- Limited number of plans & QEs have implemented QE delivery (2 QEs piloting, 1 QE live with one plan)

- 3/10 surveyed plans collect EHR/EMR data

- Requires multiple connections to be developed and managed

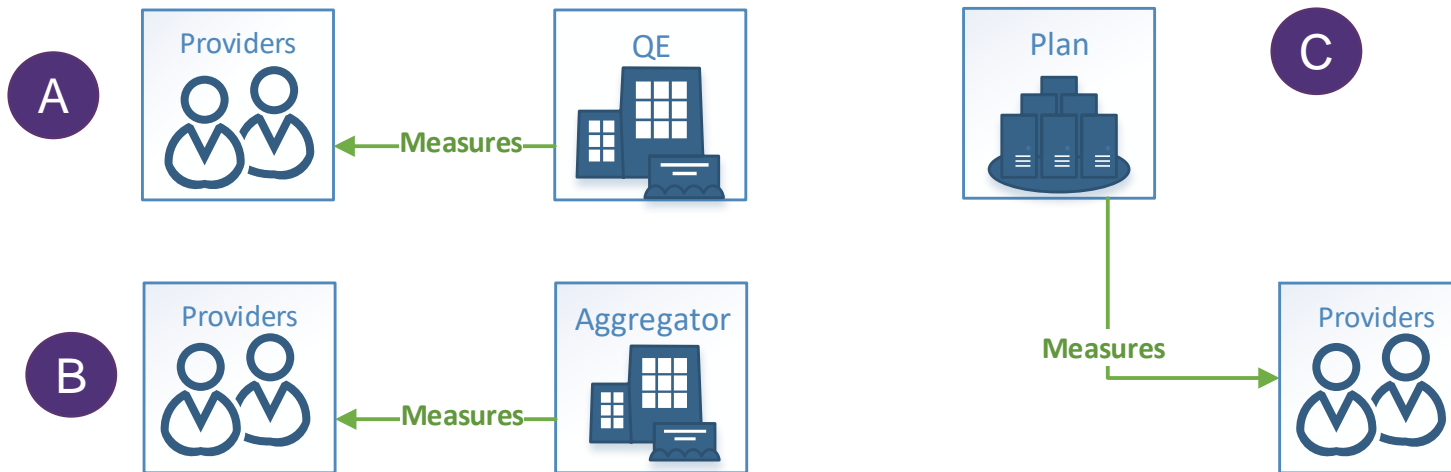- Not all files approved as standard supplemental data

Current State- EHR Data Delivery
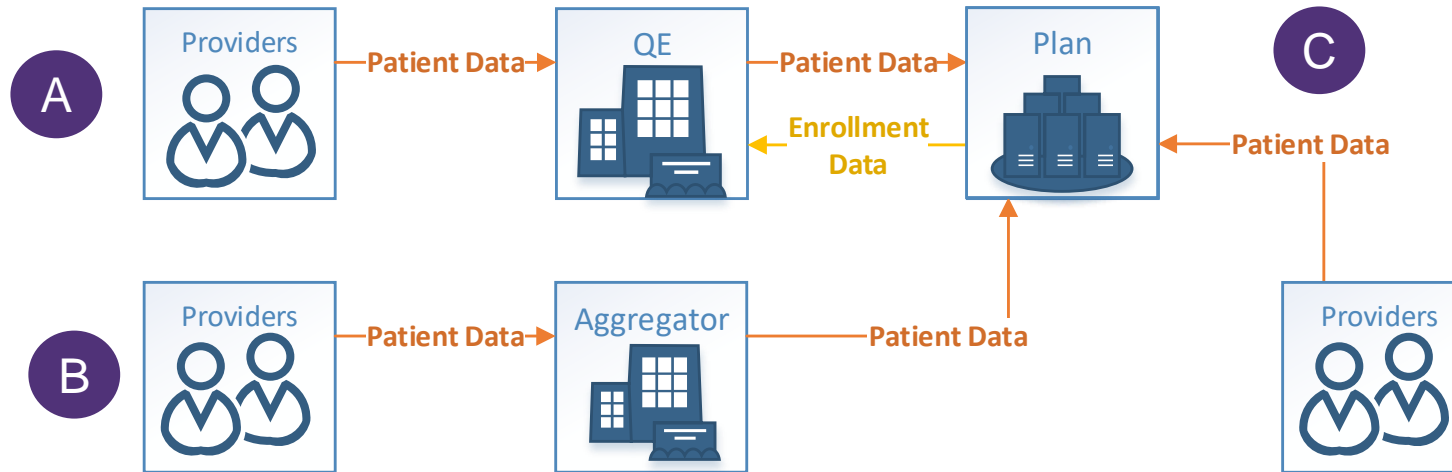
Additional Areas to Investigate

- What data format is used/what data format can plans accept? Can plans accept HL7?

- How are plans overcoming data quality issues?

- Are other plans interested in portal lookup?

Current State - Measure Delivery

Current State

A. QE calculates proxy measures for monitoring based on clinical data (1 QE – 1 PPS; clinical and claims integration for measurement is being tested)
- Plan provides enrollment file to QE
- Specifications modified per data availability

B. Data aggregator produces "HEDIS-like" measures

C. Plans produce measures for providers; per one plan these are administrative measures only. 9/10 plans surveyed can report measures monthly; 3 more frequently

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Current State- Measure Delivery
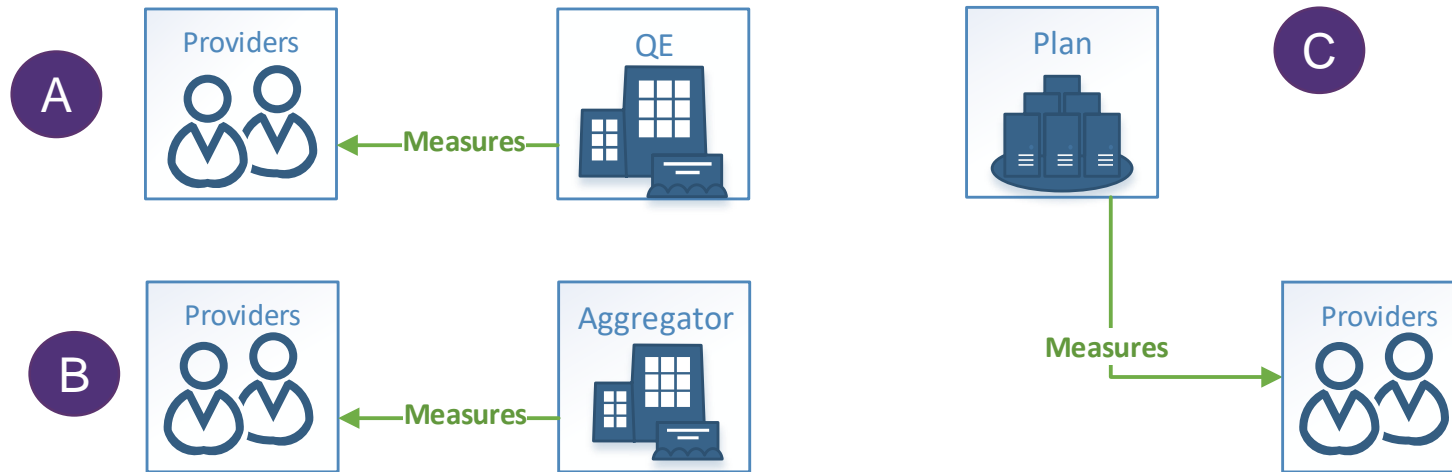
Issues and Unmet Needs

- The combination of clinical and claims data can enhance measurement

- Chart review is costly and makes hybrid measures unfeasible for frequent calculation

Current State- Measure Delivery
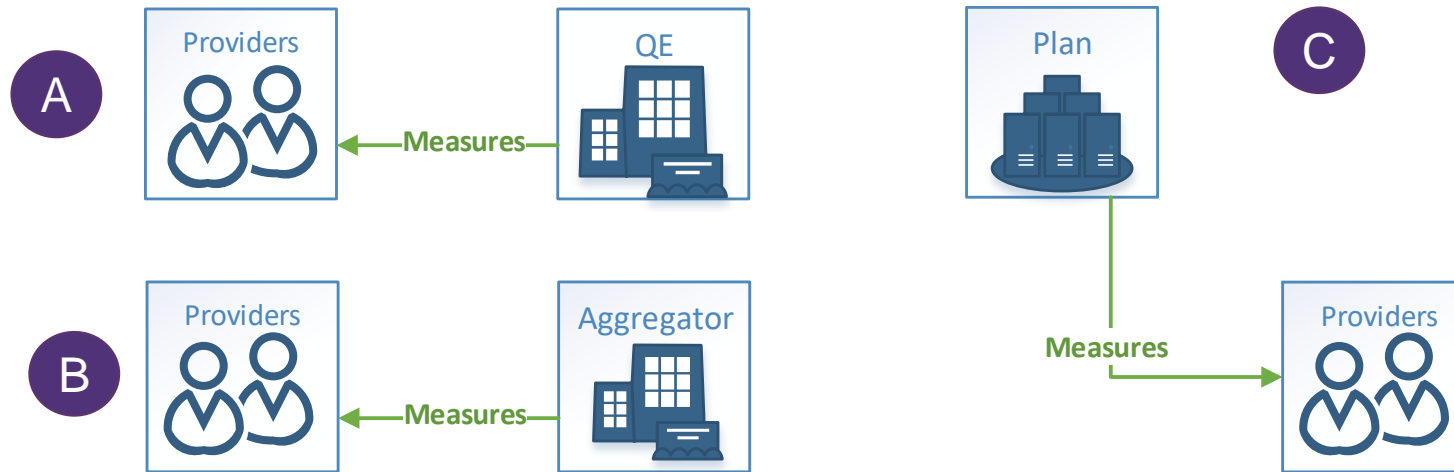
Additional Areas for Investigation

- What other solutions are in place?

- Will these solutions meet VBP Contractors' needs?

- How are VBP Contractors and Providers using measures?

- What are the unmet needs?

Current State- Big Picture

Business Needs Validation

Current State- Measure Delivery

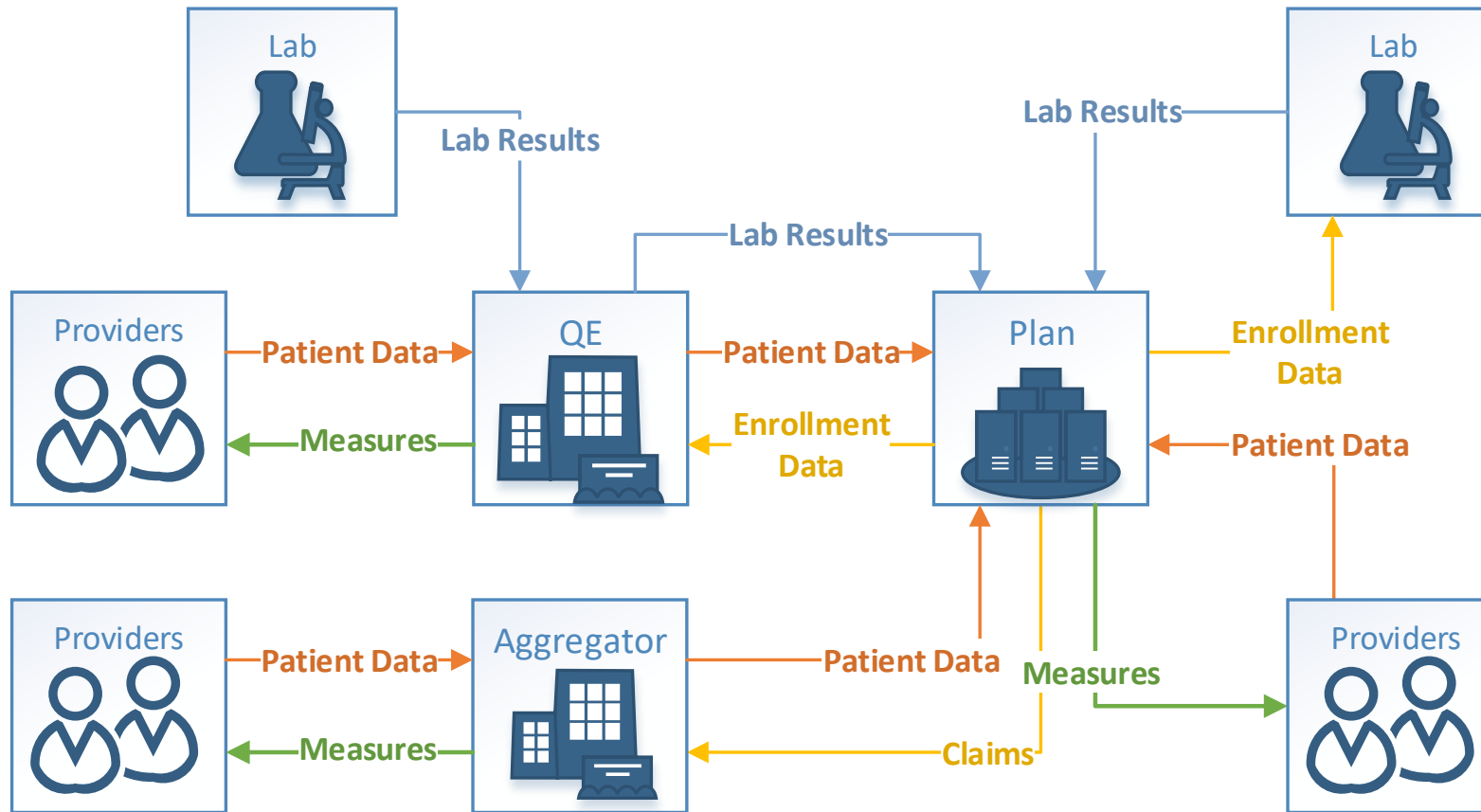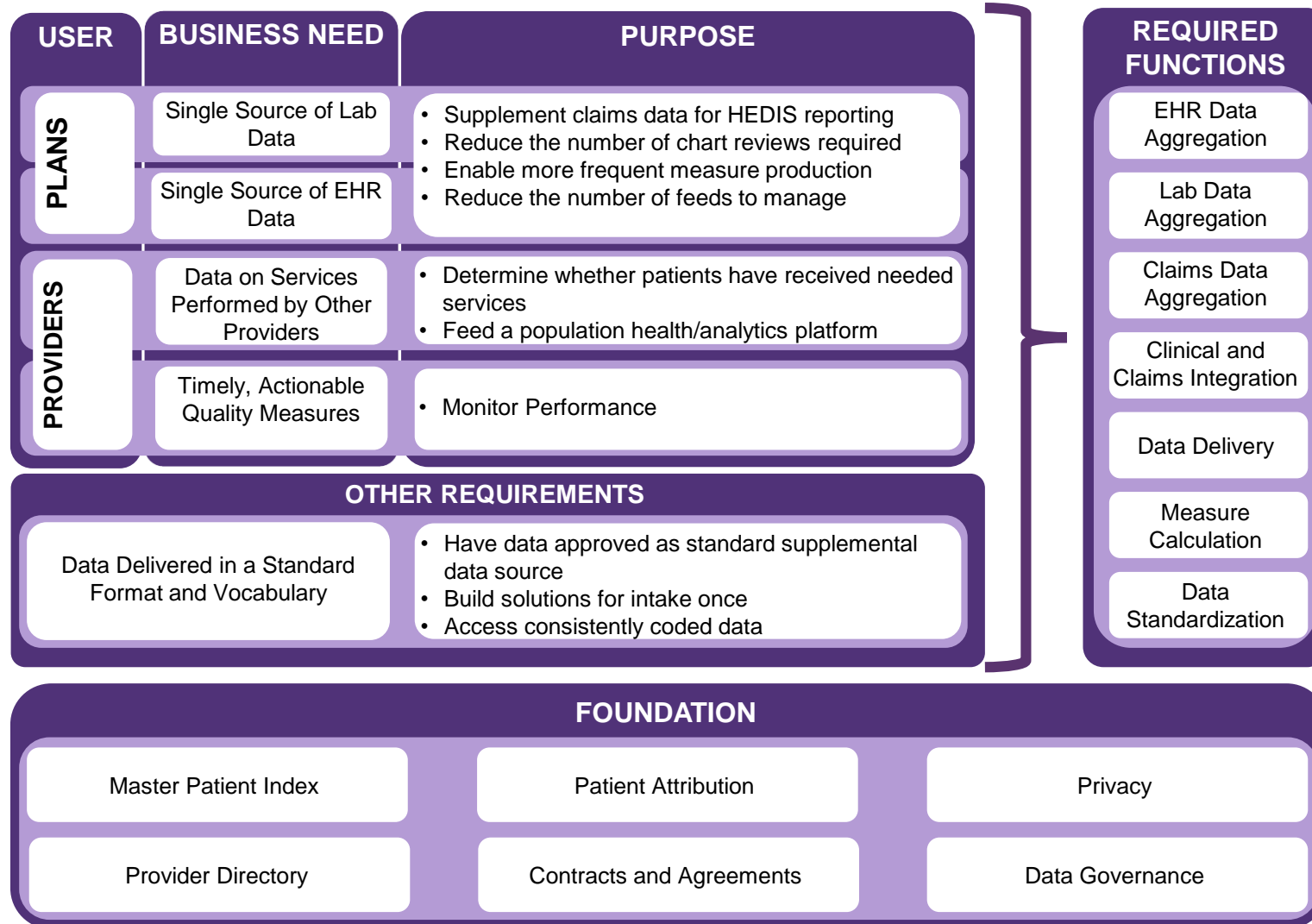| USER	BUSINESS NEED	PURPOSE
PLANS	Single Source of Lab Data	• Supplement claims data for HEDIS reporting • Reduce the number of chart reviews required • Enable more frequent measure production • Reduce the number of feeds to manage
	Single Source of EHR Data	
PROVIDERS	Data on Services Performed by Other Providers	• Determine whether patients have received needed services • Feed a population health/analytics platform
	Timely, Actionable Quality Measures	• Monitor Performance

OTHER REQUIREMENTS

Data Delivered in a Standard Format and Vocabulary	• Have data approved as standard supplemental data source • Build solutions for intake once • Access consistently coded data

REQUIRED FUNCTIONS

- EHR Data Aggregation
- Lab Data Aggregation
- Claims Data Aggregation
- Clinical and Claims Integration
- Data Delivery
- Measure Calculation
- Data Standardization

FOUNDATION

Master Patient Index	Patient Attribution	Privacy
Provider Directory	Contracts and Agreements	Data Governance

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Questions?