PHAC Performance Measurement Data Survey

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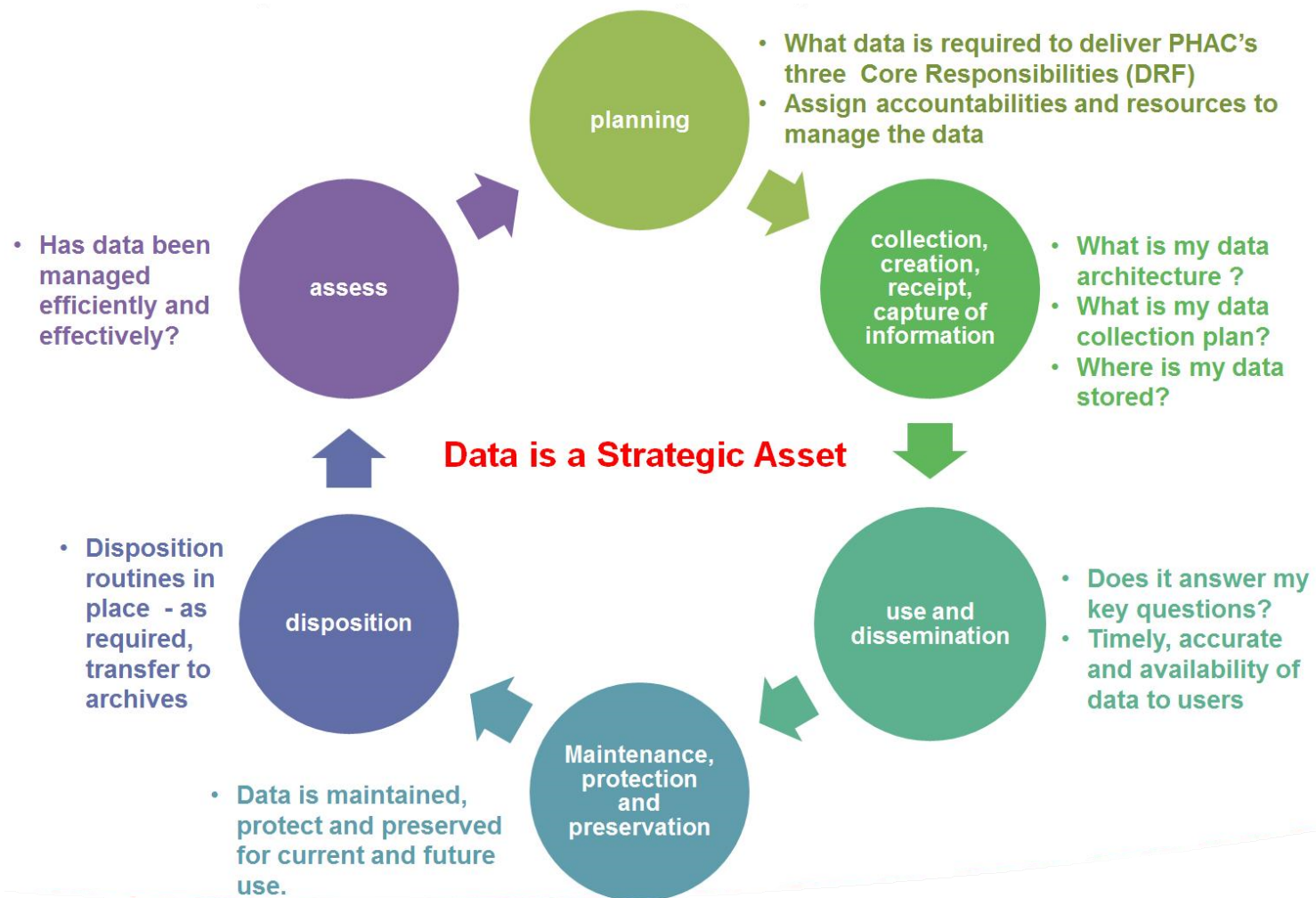
Results-Based Management Division

RDIMS 808832

PROTECTING AND EMPOWERING CANADIANS
TO IMPROVE THEIR HEALTH

Backdrop for the development of the environmental scan…

- Policy on Results (2016)

- Results and Delivery Capability Assessment (Winter 2018)

- Head of Performance Measurement's *Annual Report on Performance Measurement* 2017-18 (Summer 2018)

Data Management

Data is a Strategic Asset

planning
- What data is required to deliver PHAC's three Core Responsibilities (DRF)
- Assign accountabilities and resources to manage the data

collection, creation, receipt, capture of information
- What is my data architecture ?
- What is my data collection plan?
- Where is my data stored?

use and dissemination
- Does it answer my key questions?
- Timely, accurate and availability of data to users

Maintenance, protection and preservation
- Data is maintained, protect and preserved for current and future use.

disposition
- Disposition routines in place - as required, transfer to archives

assess
- Has data been managed efficiently and effectively?

Why is the scan important?

Reliable Data Systems
=
Effective Evidence-Based Decision-Making

- Advancing Policy implementation

- To gain an increased understanding of the various systems and tools (e.g., software) used to collect program performance data

- Supporting Strategic Planning on Data Systems

What is the objective of the scan?

To answer: How are programs measuring and reporting on performance indicators?
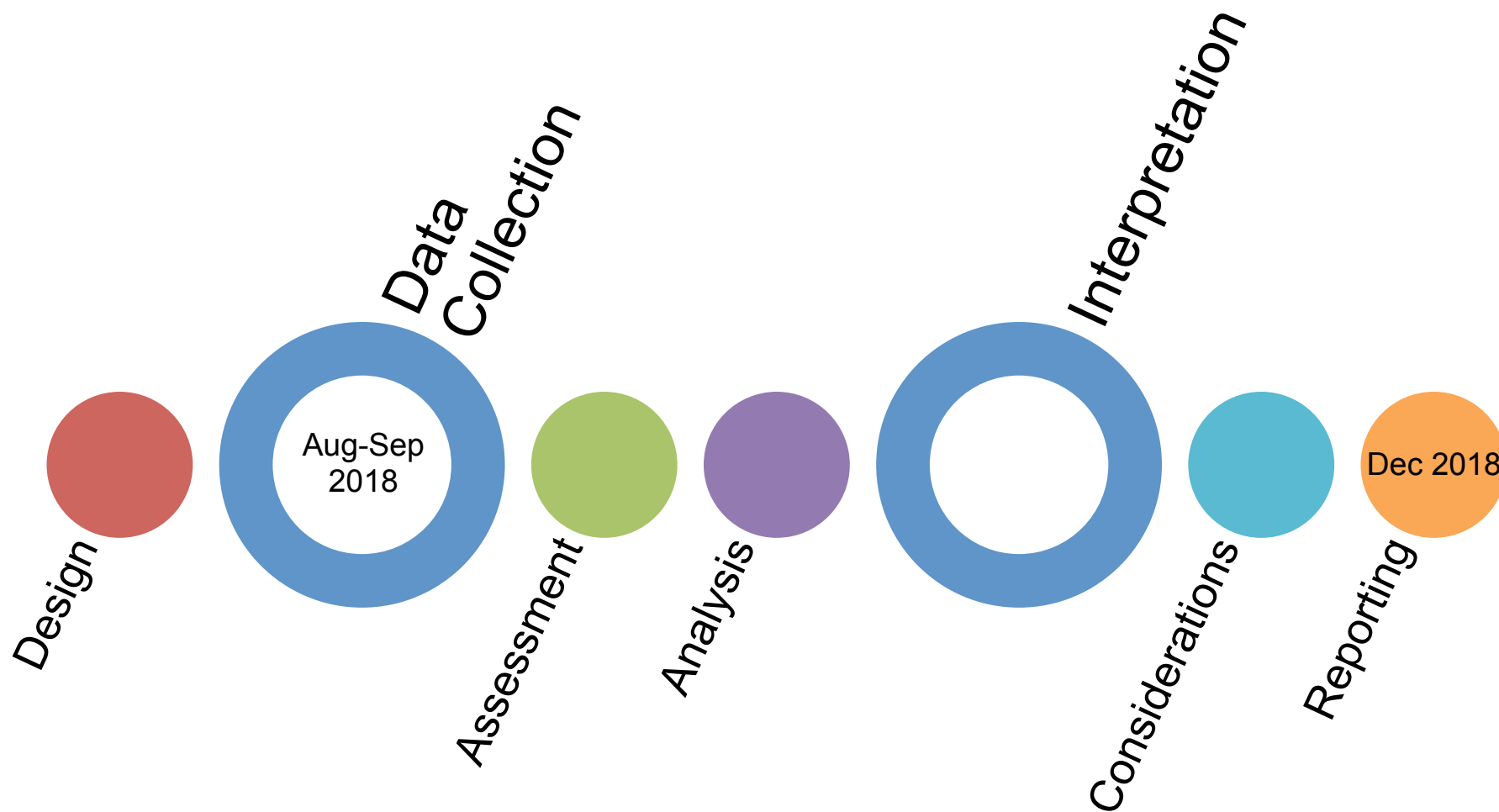
For Example:
- Where is the data coming from?
- What is the source of the data?
- How do programs access the data?
- Where is it stored?
- Are there privacy concerns?
- Is there a person assigned to collect the data?
- Has the quality of the data been assessed?
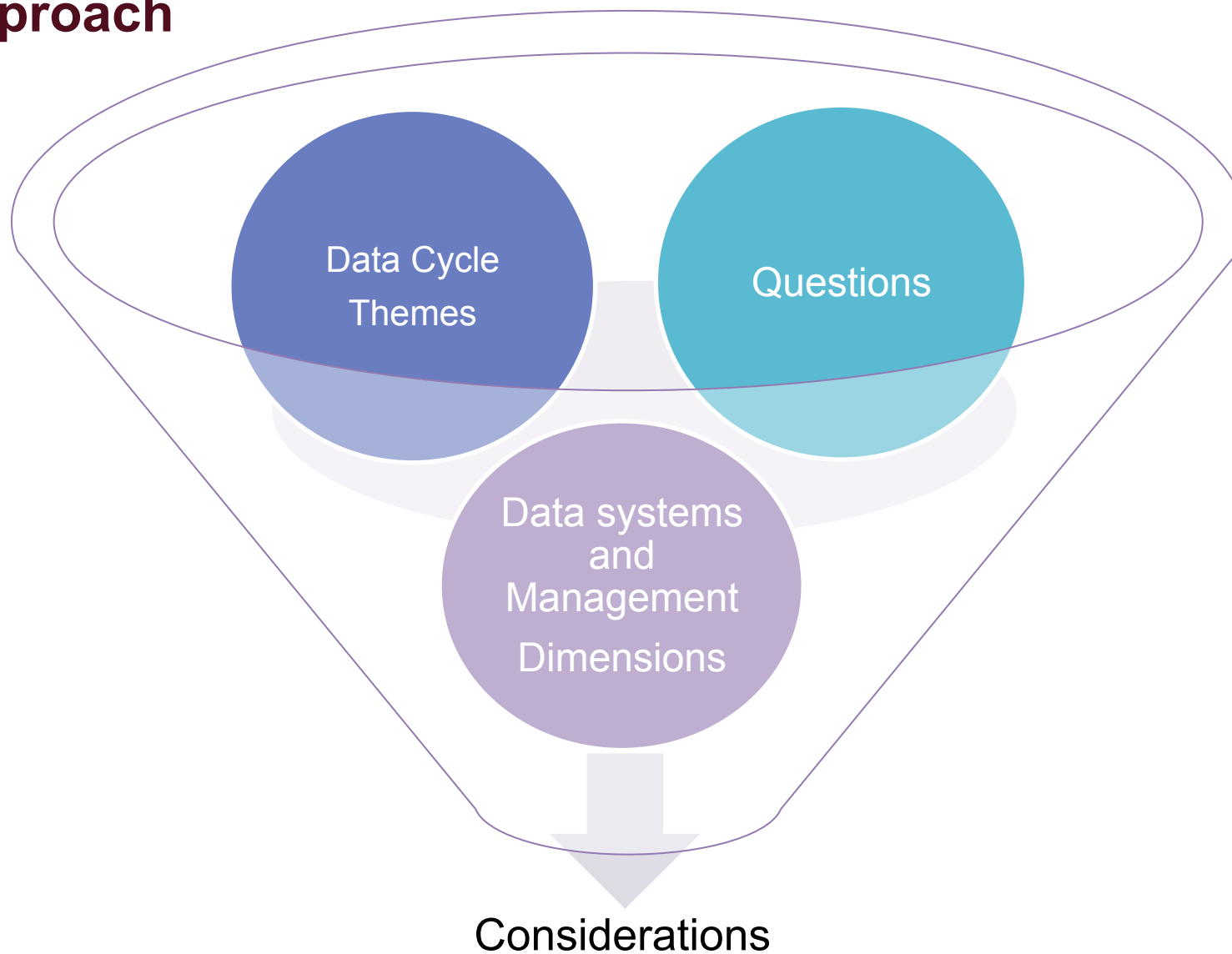- Are programs documenting their data management approach?

The scan seeks to provide an overall picture of the current status of data systems for performance measurement at PHAC
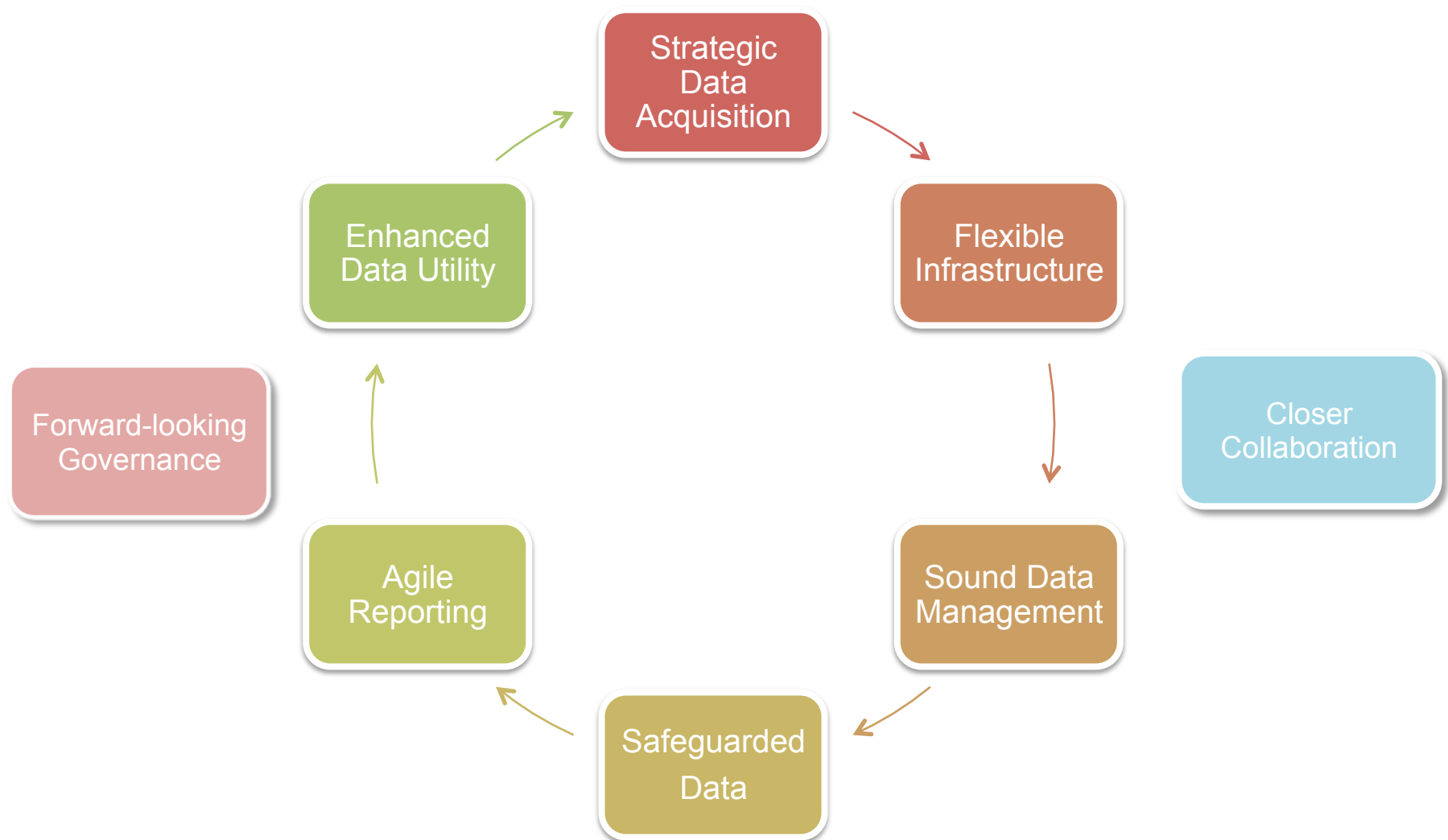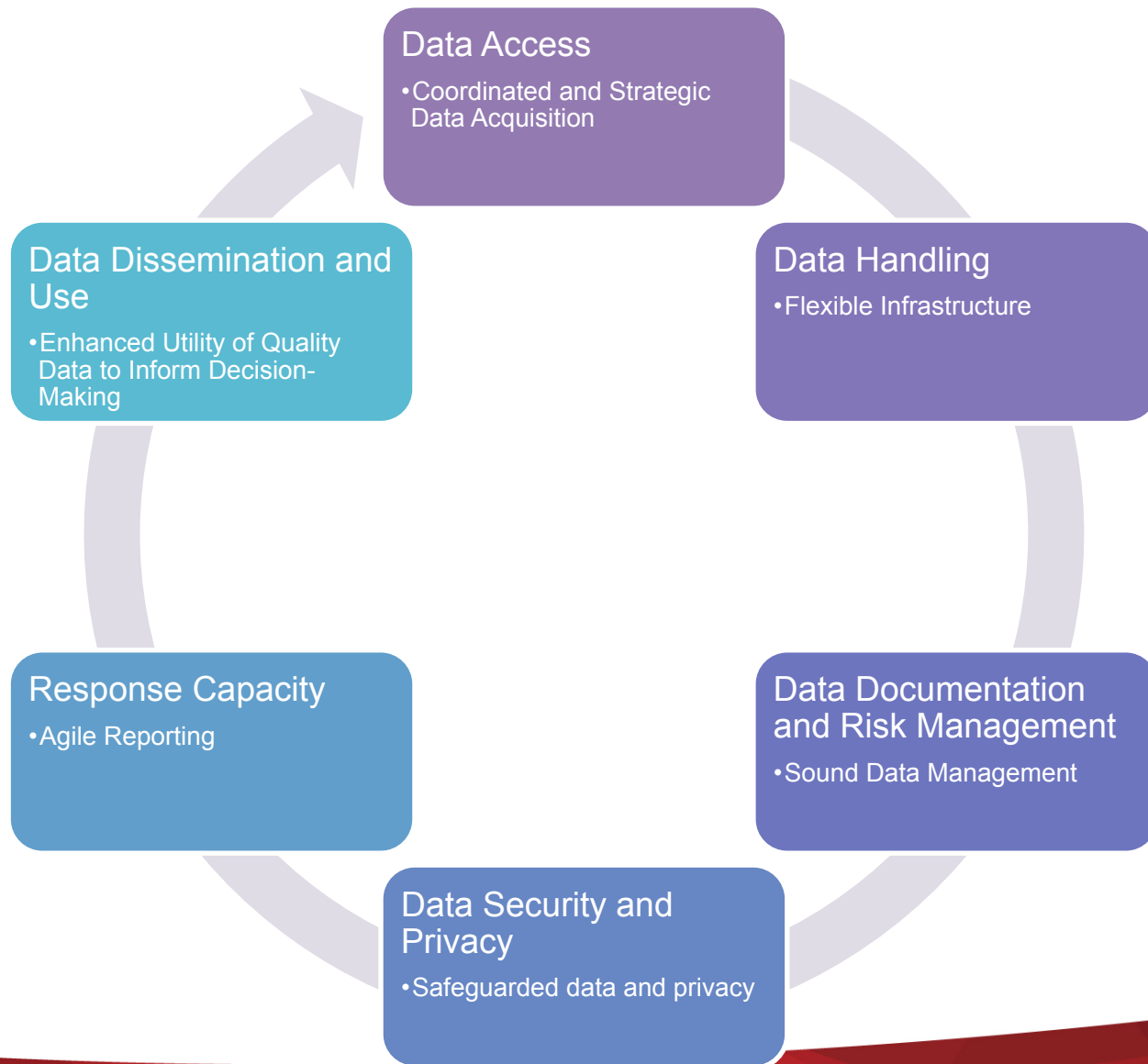
Steps

Design

Data Collection

Aug-Sep 2018

Assessment

Analysis

Interpretation

Considerations

Reporting

Dec 2018

Approach

Data Cycle Themes

Questions

Data systems and Management

Dimensions

Considerations

Data Cycle Themes

- Dissemination & Use
- Response Capacity
- Security & Privacy
- Documentation & Risk Management
- Handling
- Access
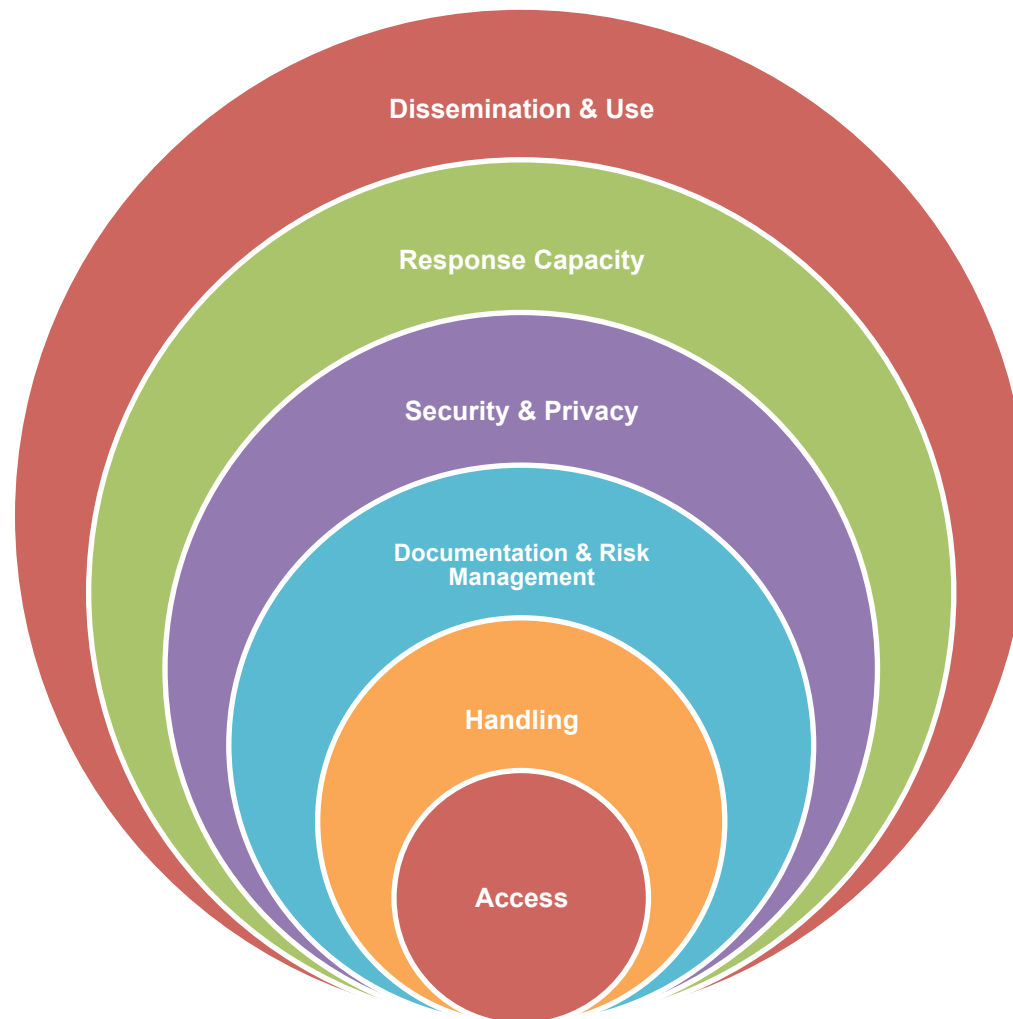
Data system themes and corresponding questions

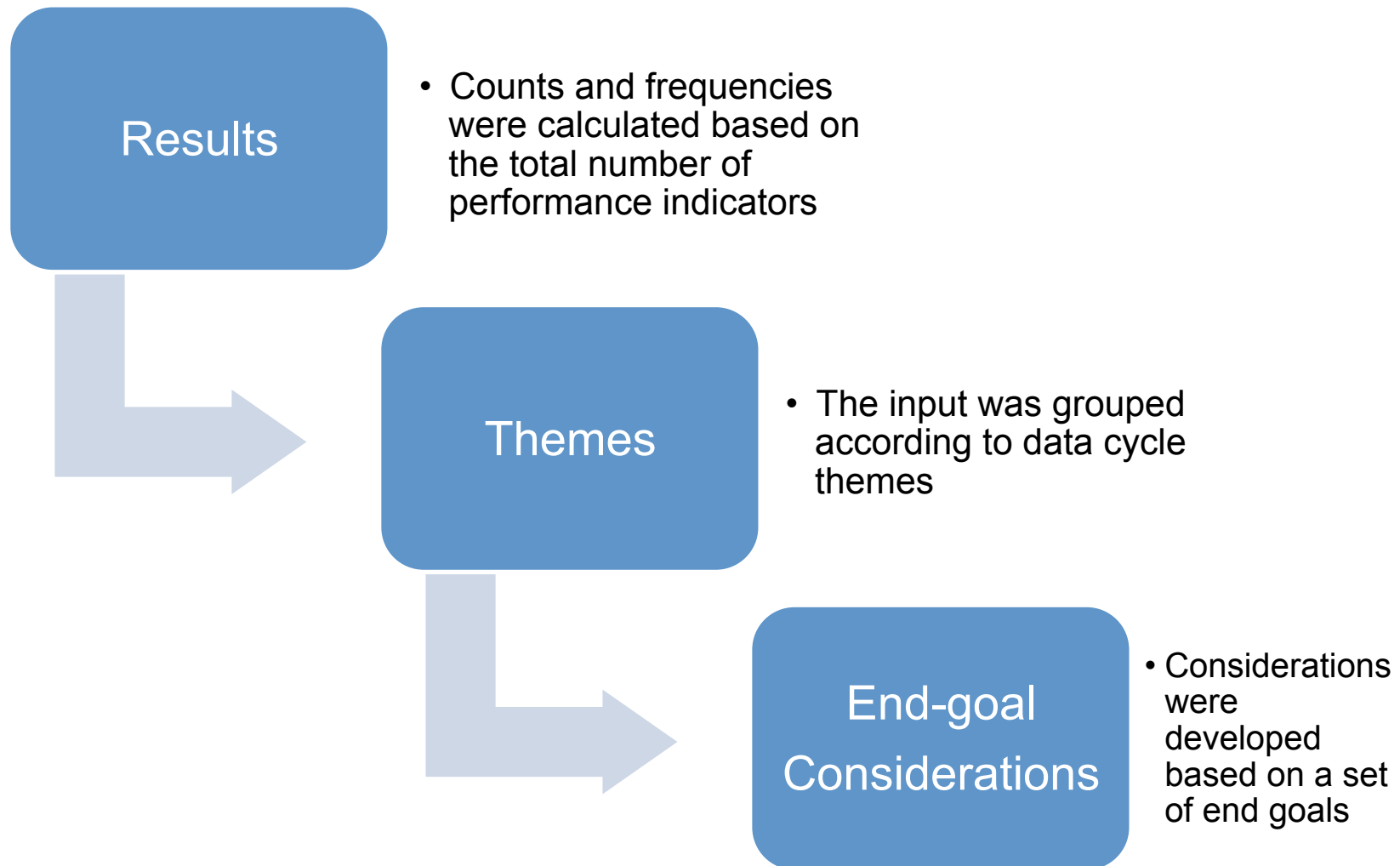| THEME	QUESTION
Data Access	Where do the data come from?
	Do the data belong to an existing Agency data holding?
Data Handling	What is the data type?
	How are the data transmitted to you?
	Where are the data stored?
	What is the software used to store and retrieve the data?
Data Documentation and Risk Management	Is the data management approach documented (i.e., standard operations procedures)?
	Are there any privacy concerns about the data?
	Is there a data retention policy for the data?
	Is there a backup plan in the event that the data are lost (e.g., corrupted file)?
Data Security and Privacy	What is the classification of the data?
	Has a Privacy Impact Assessment been conducted on the data?
Response Capacity	Is there a person or position specifically assigned to collect the data?
	What is the estimated time to access the data?
Data Dissemination and Use	Has a Data Quality Assessment been conducted on the data?
	Can the data be disaggregated?
	Have users of the collected data been clearly identified?

End-goals for strengthening data systems

Strategic Data Acquisition → Flexible Infrastructure → Closer Collaboration → Sound Data Management → Safeguarded Data → Agile Reporting → Forward-looking Governance → Enhanced Data Utility → Strategic Data Acquisition

Themes and End-Goals

Data Access
- Coordinated and Strategic Data Acquisition

Data Handling
- Flexible Infrastructure

Data Documentation and Risk Management
- Sound Data Management

Data Security and Privacy
- Safeguarded data and privacy

Response Capacity
- Agile Reporting

Data Dissemination and Use
- Enhanced Utility of Quality Data to Inform Decision-Making

What were the outcomes?

Results

- Counts and frequencies were calculated based on the total number of performance indicators

Themes

- The input was grouped according to data cycle themes

End-goal Considerations

- Considerations were developed based on a set of end goals

Where are we at?

- Sharing of results relevant teams and tables (ex. PMC, Data Hub)
- Dissemination of methodology
- In a few words… We are spreading the gospel!
- Next steps
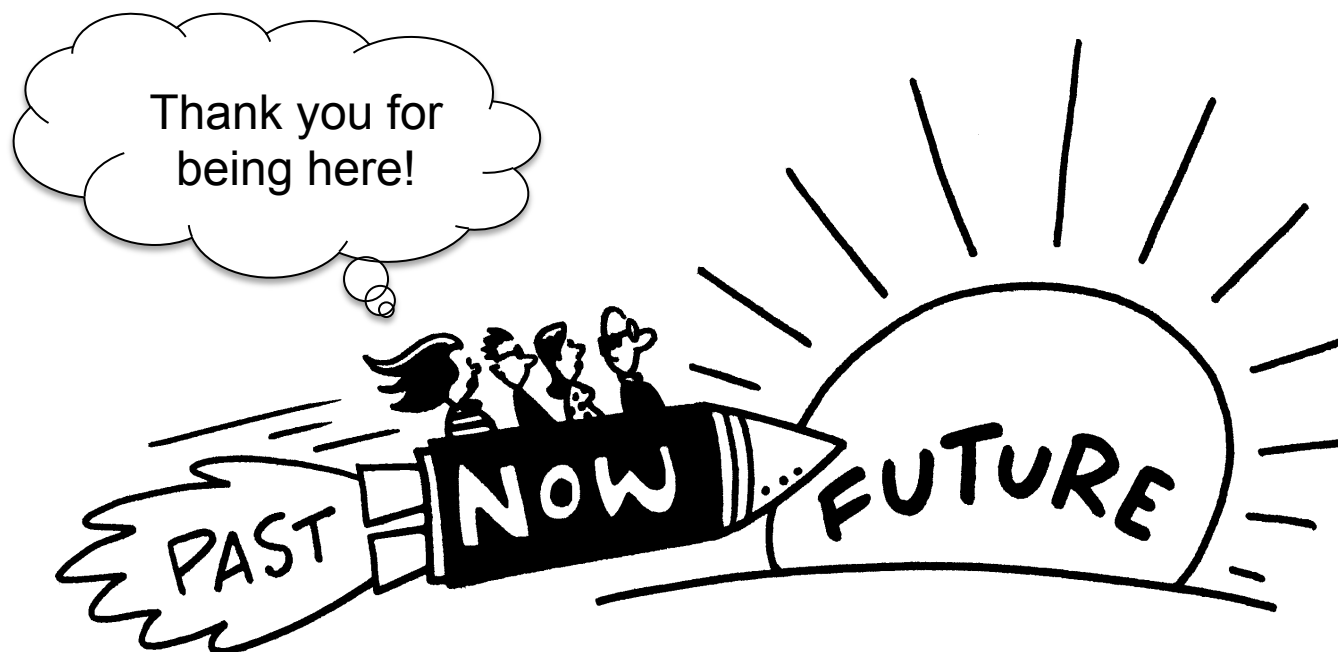
Questions?

Would like more information?

- Visit our [GCpedia](#) page!

http://www.gcpedia.gc.ca/wiki/PHAC_Performance_Measurement_Data_Survey

Annex 1: Environmental Scan Questions and Dropdown Response Options.

QUESTION	RESPONSE OPTIONS							
Where do the data come from?	In-house	External source	In-house and external	Unsure				
How are the data transmitted to you?	Network Drive	Local drive	Email	Online	Removable storage media	Paper	Fax	More than one way	Unsure
Where are the data stored?	Network drive	Local drive	RDIMS	Paper file	Removable storage media	Other	Unsure	
What is the data type?	Text	Numerical	Text and numerical	Unsure				
What is the software used to store and retrieve the data?	Word	Excel	Database	Web-based	Text-file	Other	More than one way	Unsure
Do the data belong to an exisiting Agency data holding?	Yes - surveillance	Yes - other	No	Unsure				
Is the data management approach documented (i.e., standard operations procedures)?	Yes - all	Yes - partial	No	Unsure				
Is there a person or position specifically assigned to collect the data?	Yes	No	Partial	Unsure				
What is the estimated time to access the data?	Less than 1 day	1 to 3 days	4 to 7 days	1 to 4 weeks	More than 4 weeks	Unsure		
Can the data be disaggregated?	Yes	No	Partial	Unsure				
What is the classification of the data?	Unclassified	Protected	Classified	Unsure				
Are there any privacy concerns about the data?	Yes	No	Unsure					
Has a Privacy Impact Assessment been conducted on the data?	Yes	No	Unsure	Not Applicable				
Has a Data Quality Assessment been conducted on the data?	Yes	No	Unsure	Not Applicable				
Is there a data retention policy for the data?	Yes	No	Unsure					
Is there a backup plan in the event that the data are lost (e.g., corrupted file)?	Yes	No	Partial	Unsure				
Have users of the collected data been clearly identified?	Yes	No	Unsure					