Phase 2 Survey Questions: Data Management and Infrastructure

The purpose of this survey is identify immediate and short-term data management and infrastructure issues that need to be addressed. Please provide information on plans already in place or, if not, views on how these issues could be addressed.

Short-term investments

1. What immediate investments are required to improve the timeliness of public health data in your jurisdiction?	
2. What immediate investments are required to improve the granularity and completeness of data for case management (e.g., capture of complete information on identification, tracking and tracing of cases)?	
3. What immediate investments are required to improve the timeliness and completeness of conducting and reporting on testing data?	

Complementary Enabling Investments

4. What human resource investments in testing, contact tracing and reporting are needed to ensure sufficient capacity to support normal operations and surge capacity to process data at both the local public health unit level and the provincial level (e.g., collection, data entry, usage, linkage, management, sharing, reporting)? Please consider: • Human resources to support testing capacity and reporting of results.	

	- Human resource capacity to support collection and entry of contact tracing information in a timely manner and of good quality. - Human resources to manage data, data linkages and reporting.
	5. What technology investments in testing, contact tracing and reporting tools are needed to ensure sufficient capacity to process data at both the local public health level and the provincial level (e.g., collection, data entry, usage, management, sharing, linkage, reporting)? For example: Technology for outbreak management, which will support the capacity needed for case identification, tracking and tracing for surges of COVID 19 cases, and can support complete case data and linkages.
	6. What infrastructure investments are needed to collate, share, store, protect and analyze data in a way to support timely reporting (e.g, data management platform)? Would such a platform reside on premises or in a cloud environment?
	7. What information or measures would your jurisdiction recommend be prioritized to enhance inter-jurisdictional data exchange?
	8.Can you describe what percentage of your planned investments will go towards a) improving the existing systems/solutions, and b) to procurement of new systems/solutions to enhance your existing systems

Other Issues

9. Are there any other issues or priorities that you would recommend be considered for short or medium-term action?