

### Surveillance plan for Ebola contacts and cases in BC

The BC Ebola Public Health WG recommended on November 10 2014 that BC public health professionals collate and share information gathered on all Ebola cases and all contacts provincially to monitor such occurrences, share with public health professionals within BC and learn from our activities.

#### Data collection

*Retrospective: August 1-November 16, 2014*

Health Authorities will attempt to complete a subset of variables (Table 1) for cases and contacts reported in BC from August 1, 2014 to November 16, 2014 based on retrospectively collected information. Data will be entered into the case and contact report forms or collated in text summary. Data will be shared with the BCCDC for provincial analysis.

**Table 1: Variable subset for cases<sup>1</sup> and contacts reported Aug 1-Nov 16, 2014**

Case	Contact
Initials	Initials
Age	Age
Sex	Sex
HA of residence	HA of residence
City of residence	City of residence
Report date	Report date
Symptoms reported	Date of last exposure
Date of onset of first symptom	Date when 21 day incubation period ends
Admitted to hospital (Y/N)	Did symptoms occur (Y/N) <ul style="list-style-type: none"> <li>Type of symptoms</li> <li>Number of days following last exposure</li> </ul>
Ebola lab testing conducted (Y/N) (see page 3 of case report form)	Travel to country/affected area (Y/N) <ul style="list-style-type: none"> <li>Travel location (city and country)</li> <li>Reason for travel</li> </ul>
Travel in 21 days prior to symptom onset (Y/N) <ul style="list-style-type: none"> <li>Travel location (city and country)</li> <li>Reason for travel</li> </ul>	Exposure to probable or confirmed EVD case (Y/N) <ul style="list-style-type: none"> <li>In BC/international</li> <li>Probable/Confirmed</li> </ul>
Exposure to EVD (summarise in text using page 4-5 of case report form)	Type of exposure (summarise in text using page 2 of contact form)
Final diagnosis	Level of risk (low, medium, high)
Outcome (alive/deceased)	Type of monitoring conducted (describe in text)
Classification (person under investigation/not a case)	Who informed public health

<sup>1</sup> Case definitions: [http://www.phac-aspc.gc.ca/id-mi/vhf-fvh/assets/pdf/evd\\_crf-mvd\\_fdc-eng.pdf](http://www.phac-aspc.gc.ca/id-mi/vhf-fvh/assets/pdf/evd_crf-mvd_fdc-eng.pdf)

*Prospective: November 17, 2014-ongoing*

- Any cases and contacts reported as of November 17, 2014 will be interviewed using the national case report form<sup>2</sup> or provincial contact report form<sup>3</sup>.
- Panorama was selected as the provincial electronic tool and is expected to be available in early December.
- Once Panorama is available, HAs will enter data directly into it. HAs not using Panorama will send completed forms to BCCDC.
- Information on travelers returning from other countries without widespread and intense transmission (E.g., Mali) referred to public health by Quarantine screening should be reported to BCCDC daily or as they occur to allow for aggregate reporting for number of cases and by country.

## **Reporting**

All data for retrospective and prospective cases and contacts until Panorama is in place or for cases and contacts in jurisdictions not using Panorama or for aggregate counting should be sent to BCCDC, attention: Marsha Taylor at fax 604-707-2516 or email [marsha.taylor@bccdc.ca](mailto:marsha.taylor@bccdc.ca)

## **Analysis and dissemination**

BCCDC will complete a linelist for internal use (HAs and PHO) and an aggregate summary for sharing externally. Further qualitative information can be shared during the PH WG mtgs.

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<sup>2</sup> [http://www.phac-aspc.gc.ca/id-mi/vhf-fvh/assets/pdf/evd\\_crf-mvd\\_fdc-eng.pdf](http://www.phac-aspc.gc.ca/id-mi/vhf-fvh/assets/pdf/evd_crf-mvd_fdc-eng.pdf)

<sup>3</sup> [http://www.bccdc.ca/dis-cond/a-z/\\_e/Ebola/InfoHealthProfessionals/default.htm](http://www.bccdc.ca/dis-cond/a-z/_e/Ebola/InfoHealthProfessionals/default.htm)