

Views of Precautionary Measures on Blood Safety Issues



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July 13, 2005

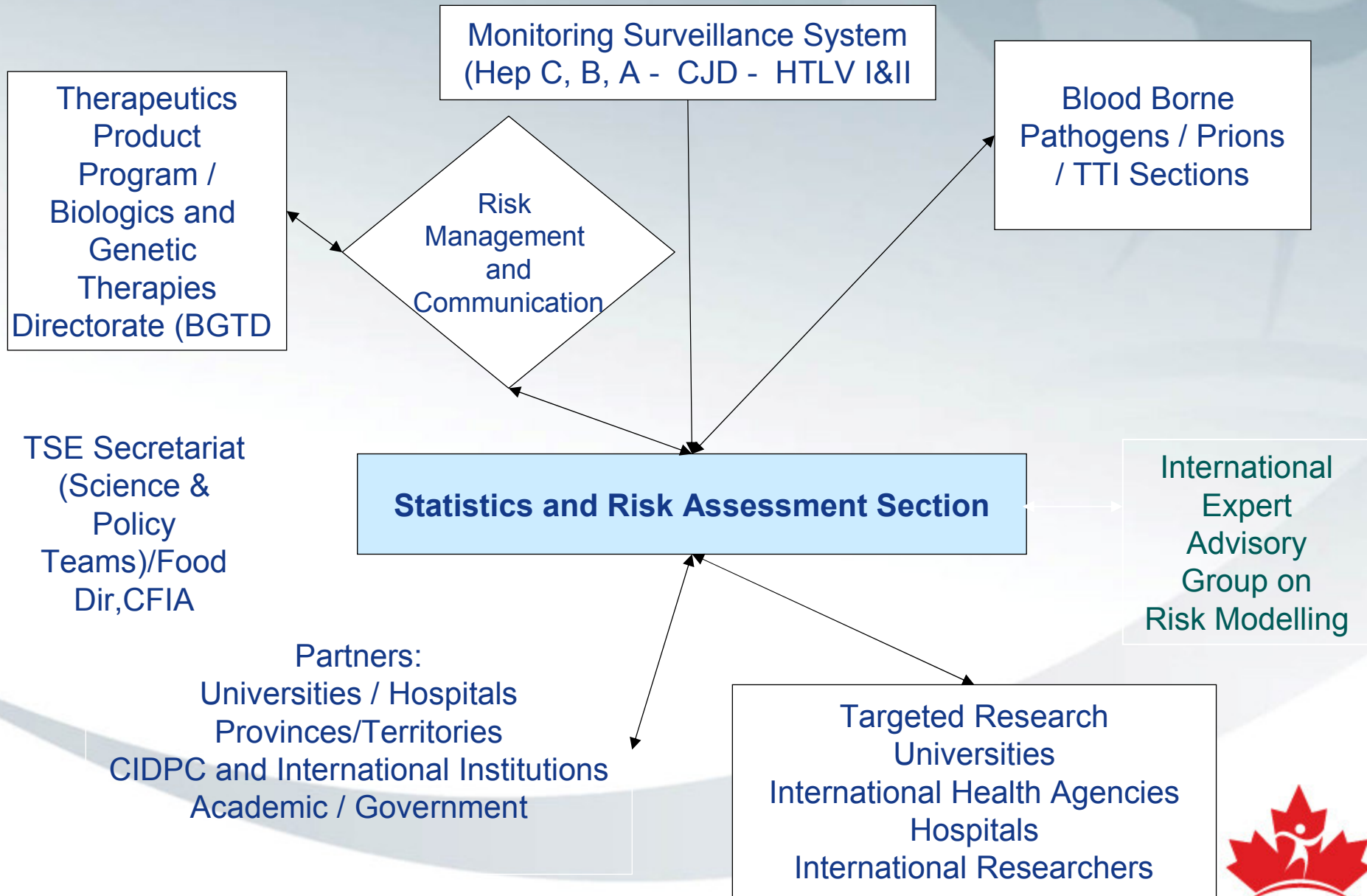


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Statistics and Risk Assessment – Sample Expert Networks



The Role of National And International Expert Networks / Expert Opinion: Sample Uses

Because of the intensive amount of unavailable material required to estimate risk, the SRA Section has frequently found a need to activate an international multi-channel network to yield expert opinion on various rare diseases and events, i.e.:

Blood Safety / Blood Borne Pathogens:

- Severe Acute Respiratory Syndrome (SARS)
- West Nile Virus (WNV)
- Bovine Spongiform Encephalopathy (BSE / TSE, and vCJD)

Health Care Acquired Infections:

- Surgical instrument sterilization breeches
- Risk of disease transmission from transplant material
- Hepatitis B Virus, Hepatitis C Virus, HIV



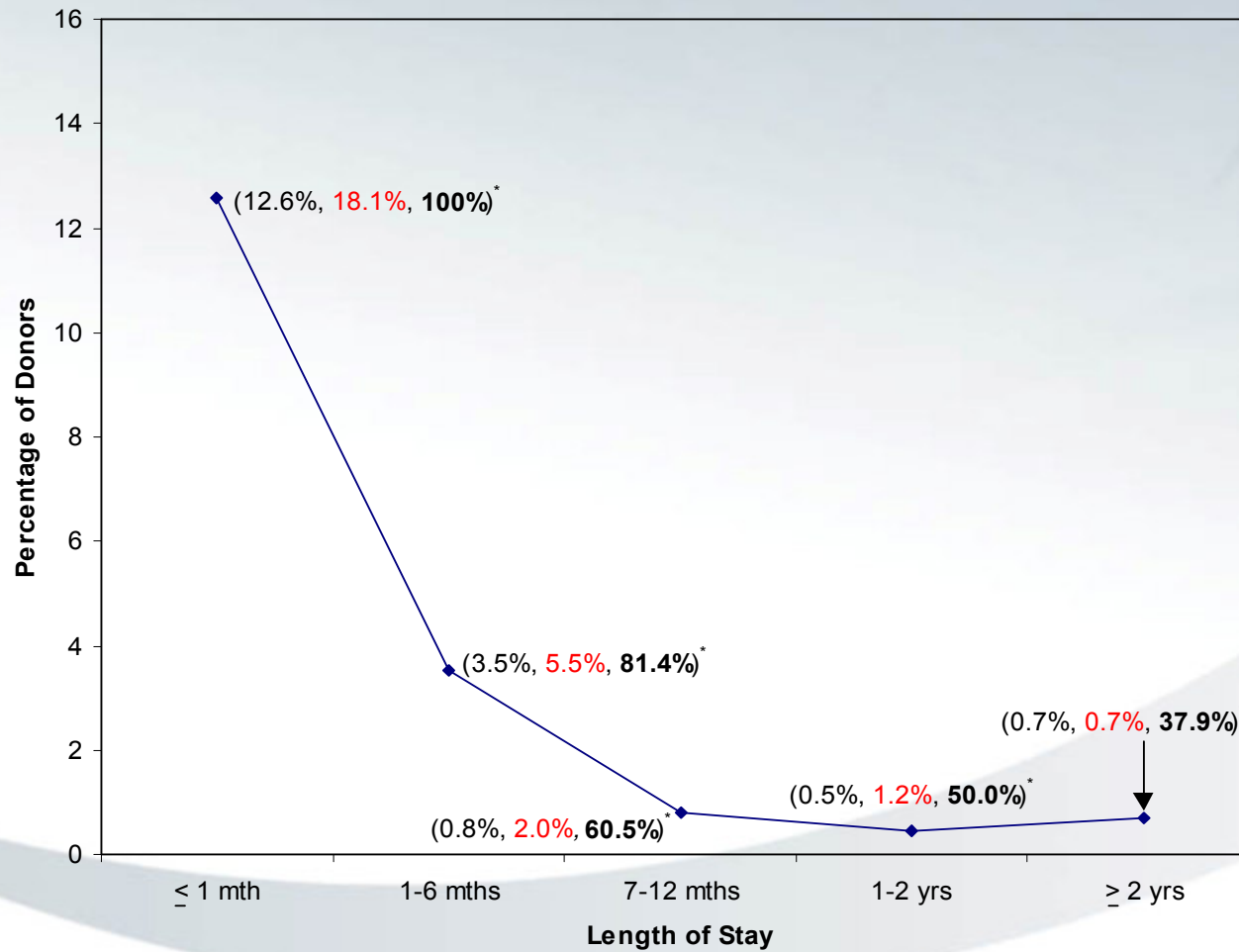
The Role of National And International Expert Networks / Expert Opinion

- Networks must be broad and include diverse internal and external representation from:
 - Regional / Provincial / Territorial / Federal Agencies
 - International Health Agencies / Departments / Institutes
 - International Research Groups / Academia
 - International Consulting and Industry Groups



Sample Results – BSE/vCJD and Blood Donor Deferral

Percentage of Risk Reduction by Length of Stay in Surveyed Canadian Blood Donors¹ who Travel to the UK

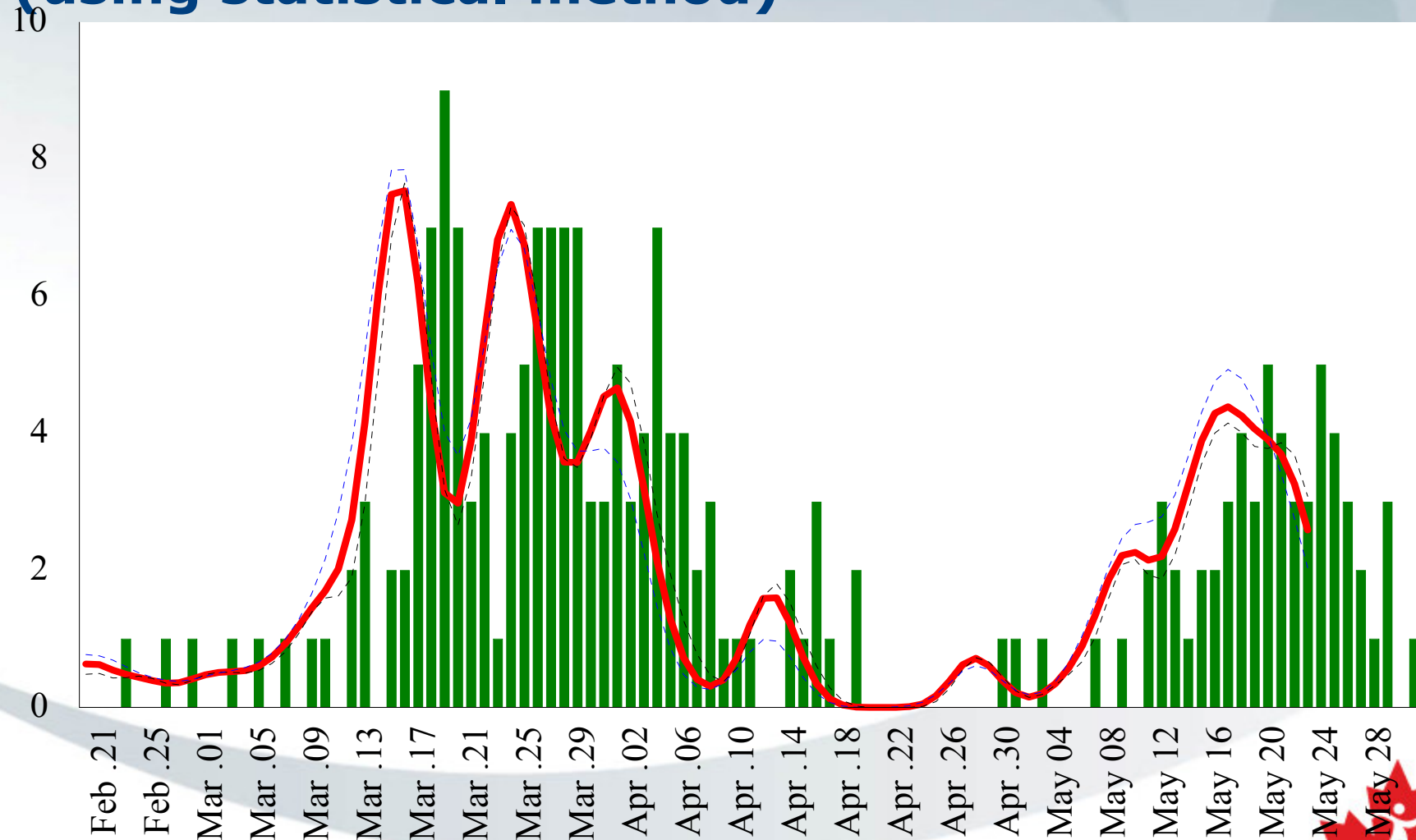


Cumulative Percent



Sample Results – SARS and Blood Safety

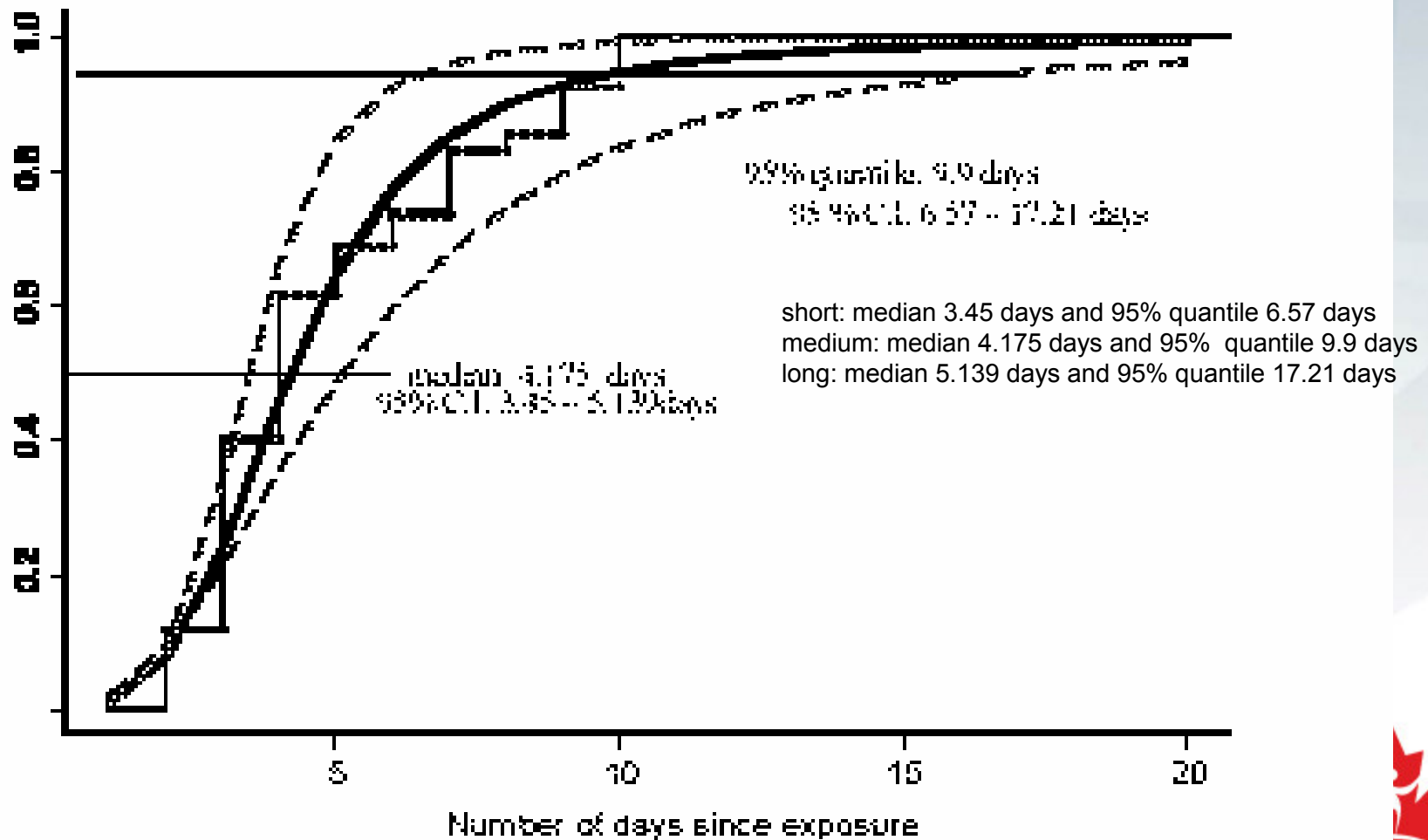
Number of cases by dates of onset and infection curves before the incubation period (using statistical method)



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Sample Results – SARS and Blood Safety

The incubation distributions used to calculate short medium and long incubation periods



Sample Results – WNV and Blood Safety Transfusion Risk Curve for Ontario, 2002

