

Health Santé Canada Canada

# Implementation of the **Transfusion Transmitted Injuries Surveillance System (TTISS) in Canada**

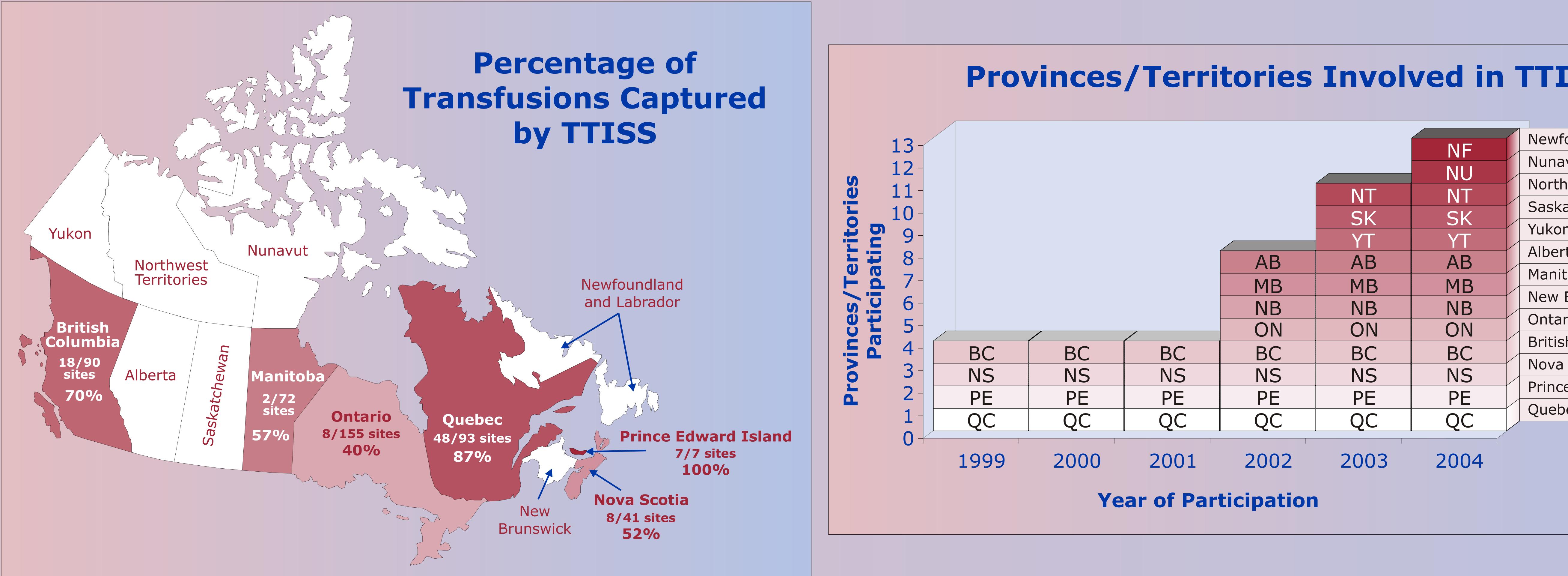
## N McCombie<sup>1</sup>, M Cator<sup>1</sup>, N Karitsiotis<sup>1</sup>, F Hindieh<sup>1</sup>, K Nyarko<sup>1</sup>, P Robillard<sup>2</sup>, D Pi<sup>3</sup>, D Anderson<sup>4</sup>, M Hamilton<sup>5</sup>, H McMillan<sup>6</sup>, A Giulivi<sup>1</sup>

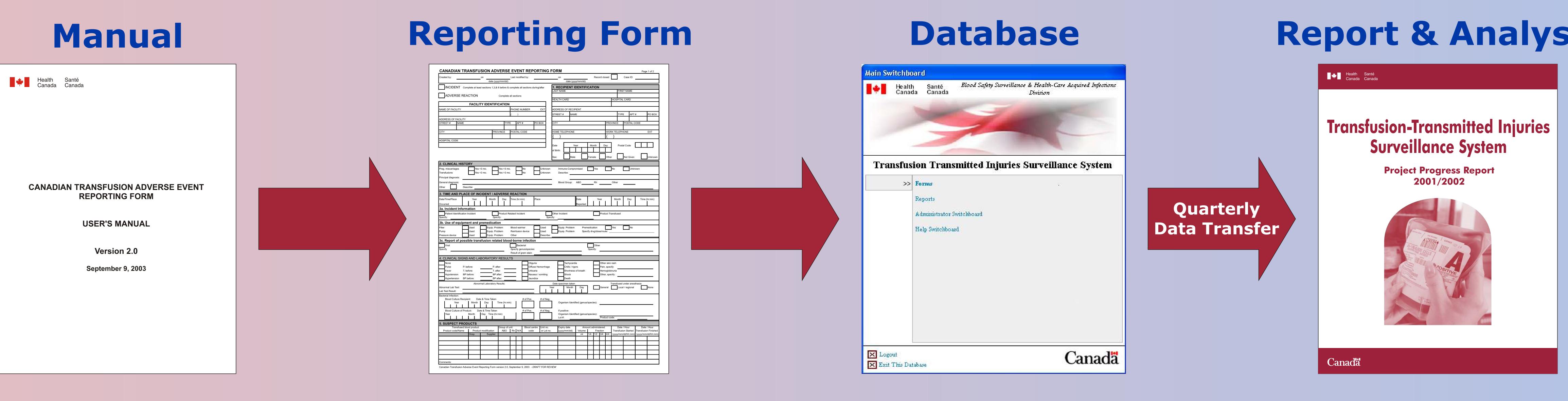
A collaborative project of the Division of Blood Safety Surveillance and Health Canada; Ottawa, ON<sup>1</sup>; Unité de recherche en hémovigilance, Montréal, QC<sup>2</sup>; Provincial Blood Coordinating Office, Vancouver, BC<sup>3</sup>; Nova Scotia Department of Health, Halifax, NS<sup>5</sup>; Department of Health and Social Services, Charlottetown, PE<sup>6</sup>

### Background

Goals			
	April 2002 – present: National implementation of TTISS		
	November 1999 to March 2002: Four provinces participated in the Pilot TTISS Project to develop & implement transfusion adverse event reporting system in Canada.		
	March 1999: Federal authorities requested the ten Provinces and three Territories to submit proposals for funding		
	November 1998: Blood Safety Surveillance and Health Care Acquired Infections Division formed to carry out surveillance aspects of blood safety programs		
	March 1998: Surveillance and Epidemiology of Transfusion (SET) working group formed		
•	November 1997: "Krever" Commission of Inquiry on Blood Safety, Final Report		
•	Late 1970s through to the 1980s: Transfusion-transmitted infections occurred		

- Monitor trends in known risks
- Assess the magnitude of new or emerging risks
- Monitor the effectiveness of actions taken to reduce risks
- Explore, investigate and respond to potential problems
- Contribute to the reduction of the risk of transfusion/transplantation related bloodborne pathogens and injuries in Canada





A comprehensive national surveillance program is a critical component of public health in recognizing and monitoring transfusion of blood, blood components and plasma derivatives.

### Canada

sis	Results
	A Standardized reporting form
	A User's manual
	Standardized definitions
	Achieved consensus on:
	Minimum required data elements
	Rules and conditions for data reporting
	<ul> <li>Schedule of data reporting</li> </ul>
	An electronic National Database which:
	<ul> <li>Record adverse events</li> <li>Dreduce and analyze data</li> </ul>
	Produce and analyse data
	Produce reports for the provinces
	Export data elements to Health Canada
	Published a Progress Report
TCC	
ISS	
	Future
vfoundland and Labrador	Increase number of hospitals reporting in
navut	each province/territory
thwest Territories	Collection of denominator data
katchewan	Capture of chronic disease caused by
on Territory	transfusion
erta	Capture of errors related to transfusion
nitoba v Brunswick	Support transfusion medicine education
ario	initiatives
ish Columbia	
a Scotia	
ce Edward Island	
ebec	Website
	http://www.hc-sc.gc.ca/pphb-dgspsp/ hcai-iamss/tti-it