

## CPSP evaluation: A process based on WHO and CDC guidelines

To be critically sound, the cornerstone of a surveillance program assessment must be based on fundamental principles and a reputable evaluation process. So, where to begin? The Canadian Paediatric Surveillance Program

(CPSP) turned to the World Health Organization (WHO) publication "Making Surveillance Work" (1), which outlines the following important steps that are needed to guide such an assessment.

WHO evaluation process	CPSP evaluation
<ul style="list-style-type: none"> <li>Identify a credible, experienced national and international advisory review group</li> </ul>	<p>Members of the CPSP expert advisory group:</p> <ul style="list-style-type: none"> <li>Dr Robert McMurtry (Chair)                             <ul style="list-style-type: none"> <li>Former Assistant Deputy Minister of Health</li> <li>Former Dean of Medicine, University of Western Ontario</li> </ul> </li> <li>Dr Margaret Berry                             <ul style="list-style-type: none"> <li>Neonatologist, The Montreal Children's Hospital</li> </ul> </li> <li>Dr Jeff Davis                             <ul style="list-style-type: none"> <li>Chief Medical Officer, Wisconsin, USA</li> </ul> </li> <li>Dr Philippe Duclos                             <ul style="list-style-type: none"> <li>Project leader, Immunization Safety, WHO</li> </ul> </li> <li>Dr Monika Naus                             <ul style="list-style-type: none"> <li>Epidemiologist, BC Centre for Disease Control</li> <li>Chair, National Advisory Committee on Immunization</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>Determine clear, concise evaluation objectives</li> </ul>	<p>CPSP objectives:</p> <ul style="list-style-type: none"> <li>Provide opportunity for feedback through surveys</li> <li>Document strengths and weaknesses</li> <li>Assess scientific and public health worth</li> <li>Identify opportunities for improvement</li> </ul>
<ul style="list-style-type: none"> <li>Provide essential background program impacts of information materials</li> </ul>	<ul style="list-style-type: none"> <li>Develop logic models on initiation of a study, surveillance process and dissemination based on Ottawa-Carleton Health Department Program Evaluation Toolkit (2)</li> <li>Provide data analysis of feedback from survey results</li> <li>Meet to present and clarify background data</li> </ul>
<ul style="list-style-type: none"> <li>Evaluate performance based on system attributes criteria</li> </ul>	<p>Provide the opportunity for the expert group to:</p> <ul style="list-style-type: none"> <li>Assess the effectiveness of the surveillance tool in monitoring public health events based on the following Centers for Disease Control and Prevention criteria for system attributes (3): simplicity, flexibility, data quality, acceptability, sensitivity, predictive positive value, representativeness, timeliness and stability</li> <li>Independently review all data, interview key people, and prepare assessment summary and recommendations</li> </ul>
<ul style="list-style-type: none"> <li>Close the information loop</li> </ul>	<p>Provide feedback on evaluation results in:</p> <ul style="list-style-type: none"> <li>CPSP 2003 Annual Results</li> <li>Editorials and articles</li> <li>Poster and oral presentations</li> </ul>
<ul style="list-style-type: none"> <li>Act on recommendations</li> </ul>	<ul style="list-style-type: none"> <li>Continue to strive for excellence</li> <li>Transfer important medical and public health study results to relevant target audiences</li> <li>Persist in essential advocacy role</li> </ul>

A full report of the CPSP evaluation process and recommendations will be available in June 2004.

### REFERENCES

- Grabowsky M, Duclos P. Making surveillance work: Module 1. Geneva, Switzerland: World Health Organization, 2001.
- Porteous NL, Sheldrick BJ, Stewart PJ. Program evaluation toolkit: A blueprint for public health management. Ottawa, Ontario: Ottawa-Carleton Health Department, 1997.
- Updated guidelines for evaluating public health surveillance systems. MMWR Recomm Rep 2001;50:1-35.

*The Canadian Paediatric Surveillance Program (CPSP) is a joint project of the Canadian Paediatric Society and Health Canada's Centre for Infectious Disease Prevention and Control that undertakes the surveillance of rare diseases and conditions in children. For more information visit our Web site at <[www.cps.ca/english/cpsp](http://www.cps.ca/english/cpsp)> or <[www.cps.ca/francais/pcsp](http://www.cps.ca/francais/pcsp)>.*