

Primary Health Care Indicators & CIHI's PHC Information Program

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*Taking health information further
À l'avant-garde de l'information sur la santé*



Canadian Institute
for Health Information

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Presentation Outline

- About CIHI
- Primary Health Care (PHC) indicators
- Current Program of Work
- What's next?
- Summary



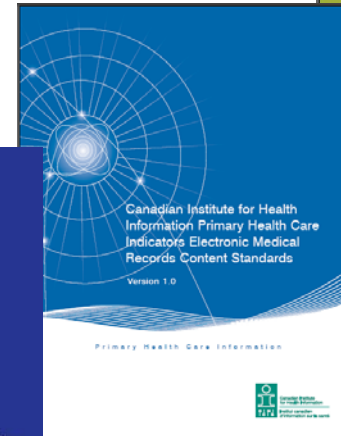
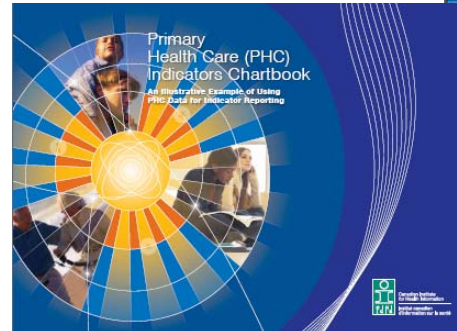
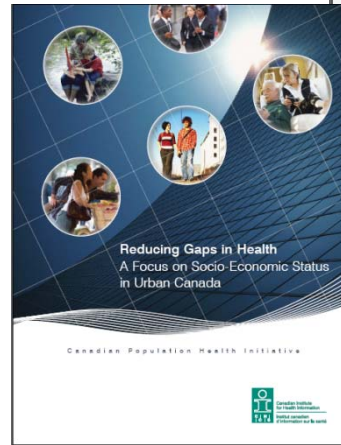
About CIHI

What we do:

Data Standards

Data Holdings

Analytic Products



What PHC information is needed?

CIHI's PHC Indicators

- 105 PHC Indicators developed using a consensus process

Potential Data Sources:

- 1/3 patient survey
- 1/3 provider/org survey
- 1/3 clinical admin databases

- Many data gaps



Sample Abridged List of PHC Indicators

Access to PHC Through a Regular Provider	Comprehensive Care, Preventative Health and Chronic Condition Management	Continuity Through Integration and Coordination
1. Population with a regular PHC 2. Difficulties accessing routine PHC*	12. Scope of PHC services 13. Health risk screening 6. PHC client/patient registries for chronic conditions* 7. PHC programs for chronic conditions 28. Client/patient participation in PHC treatment planning	80. Collaborative care with other health care organizations
24/7 Access to PHC	Patient-Centered PHC	Enhancing Population Orientation
29. Difficulties obtaining urgent, non-emergent PHC on evenings and weekends 30. PHC use after hours coverage 2. Difficulties accessing routine PHC*	73. Client/patient satisfaction with PHC providers 78. Language barriers when communicating with PHC providers	6. PHC client/patient registries for chronic conditions* 7. PHC programs for chronic conditions* 10. Specialized PHC programs for vulnerable/special needs populations
Quality in PHC		
Primary Prevention 41. Influenza immunization, 65+ 42. Pneumococcal immunizations, 65+ 50. Cervical cancer screening 13. Health risk screening Secondary Prevention for Chronic Conditions 55. Screening for modifiable risk factors in adults with coronary artery disease 56. Screening for modifiable risk factors in adults with hypertension 57. Screening for modifiable risk factors in adults with diabetes	Patient Safety 63. Antidepressant medication monitoring Treatment Goals and Outcomes 39. Glycemic control for diabetes 40. Blood pressure control for hypertension 61. Treatment of dyslipidemia 64. Treatment of depression	E Q U I T Y
PHC Inputs and Supports		
Health Human Resources 87. PHC organizations accepting new clients/patients Interdisciplinary Teams 97. PHC FPs/GPs/NPs working in interdisciplinary teams/networks Provider Payment Methods 104. PHC provider remuneration method	Information Technology 100. Uptake of information and communication technology in PHC organizations Allocations for PHC 103. Average per capita PHC operational expenditures	↓

* Indicator repeated because it reflects multiple dimensions

CIHI's Recent PHC Activities

- 2005-2006: PHC indicator development project
 - 105 indicators, 10% with existing data source

- 2006-2007: Explored options for addressing data gaps and filled some gaps

- 2007-2008: Launched CIHI's new PHC Information Program

- 2008-2009: Current program plus assessment of potential new data development activities



Two Major PHC information gaps

- 1 Does **PHC performance** vary across regions and is it changing over time?
- 2 What are the **interrelationships** between PHC elements (e.g. access + models of care) what produces the desired results (e.g. better chronic disease management and prevention for diabetics)?



Current PHC Information Program

- EMR Content Standards
 - Increasing the use of standardized content in EMRs to support performance measurement

- Voluntary Reporting System - EMR Prototype
 - Developing mechanisms for collecting PHC data from EMRs

- Expansion of Survey Data Sources
 - Increasing PHC data through surveys (NPS and CSE-PHC)

- Analysis and Reports on PHC in Canada
 - Providing new PHC information through reports



Canadian Survey of Experiences with Primary Health Care (CSE-PHC)

- 2007 CSE-PHC

Developed and funded by Health Council of Canada, conducted by Statistics Canada; national estimates

- 2008 CSE-PHC

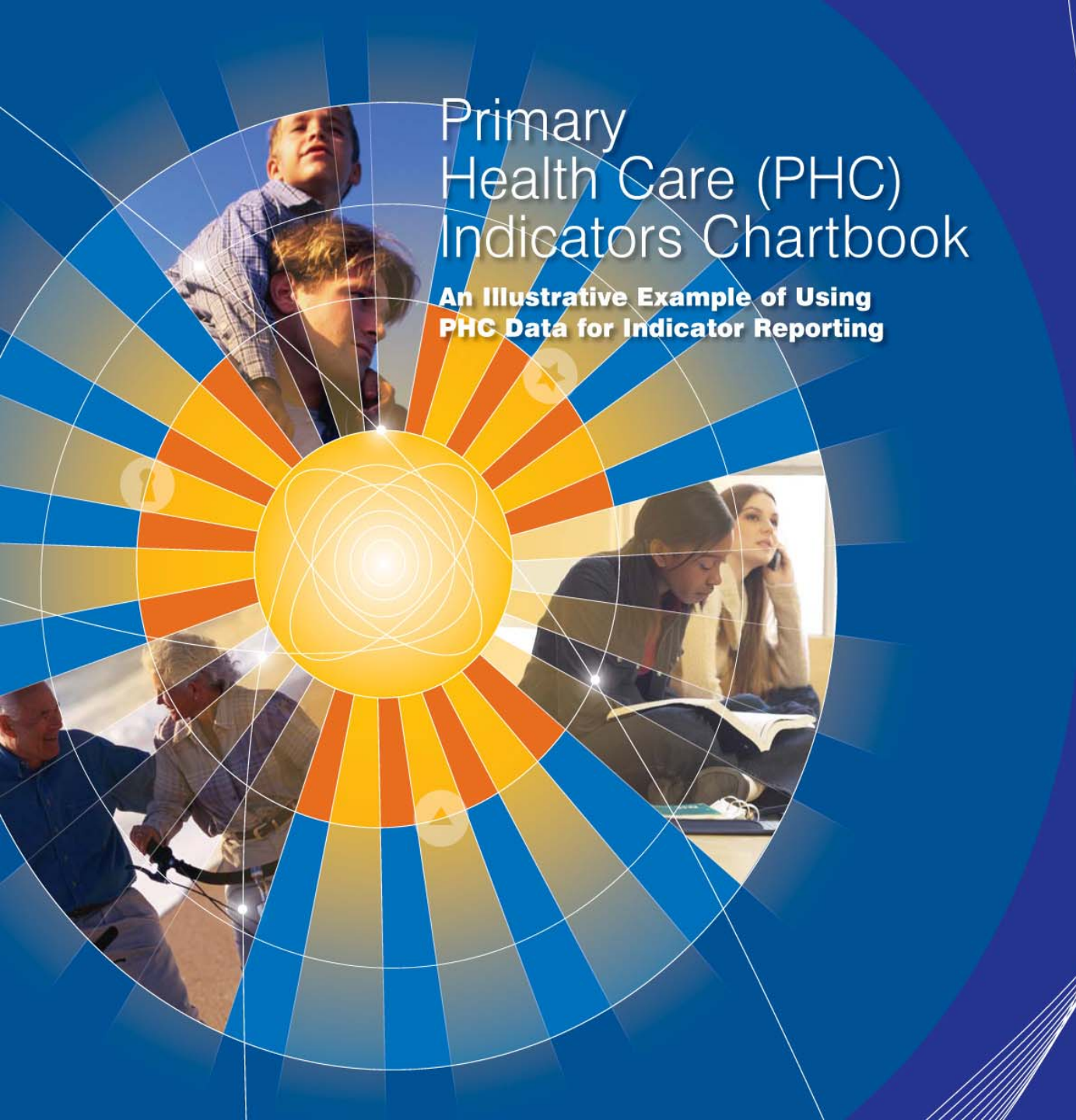
Co-funded by CIHI and Health Council of Canada, enhancements include:

- Provincial level estimates for general population and people with select chronic conditions
- Capacity to measure up to 27 CIHI PHC indicators
- CIHI Reports in May and November 2009



Primary Health Care (PHC) Indicators Chartbook

An Illustrative Example of Using PHC Data for Indicator Reporting



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What's Next

- Development of questionnaires for:
 - Patients
 - Providers
 - PHC organizations
- Assessing new data development options



Four Potential New Data Sources Under Consideration

- Pan-Canadian PHC Practice-Based Survey
- Pan-Canadian PHC Voluntary Reporting System
- Patient-level Physician Fee-for-Service Data
- Alternative Payment Plan PHC Data



Summary

- There are major PHC information gaps
- Some new data is available and more is on the way
 - It will take time and collaboration to develop
- Local measurement efforts can leverage existing questionnaires, indicators and results
- Many benefits to developing a common data collection tools
 - Local research and innovation can lead to better common indicators and tools
- How can we work together to develop common data collection tools and indicators?



Thank You

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