

Surveillance Report and Systems Development Meeting

An Interdisciplinary Capacity Enhancement Project
for
The Network for End of Life Studies

January 17, 2007

Agenda

- **Welcome and Introductions**
- **Overview**
 - ▶ Purpose of the work today
 - ▶ What is surveillance?
- **Current Status and Desired Directions**
 - ▶ Equity measures
 - ▶ Vulnerable populations
 - ▶ National surveillance
 - ▶ CHPCA
 - ▶ Accreditation
 - ▶ Quality Indicators in Breast Cancer
 - ▶ Primary Care
 - ▶ Beyond cancer
- **Break**
- **Small groups**
- **Report back**
- **Next steps**

The Driving Demographics

	2006	2031
Canadian Population	32 Million	40 Million
Per cent Canadian population 65+	13 %	25%
Number of 65+	4 Million	10 Million
Number 65+ dying (approx 70% all deaths)	160,000	400,000

Context for and Purpose of Today's Meeting

● ICE Background:

- ▶ Special CIHR call for research on vulnerable populations
- ▶ Some definitions
- ▶ Where we've been
- ▶ Where we're going

ICE-NELS

- Specific call by CIHR
- Goal is to create research capacity in studying vulnerable populations (ICE)
- Our additional goal is to grow this capacity in end of life care research (NELS)
- Graduate students
- Eight projects
 - ▶ Surveillance report development is one
- Knowledge translation goal

Some Definitions

- ***Vulnerable:*** At risk because of age, sex, socioeconomic or ethnocultural status (a starting point)
- ***Health Disparities (inequalities):*** Variations in health achievements of individuals and groups
- ***Health Inequity:*** avoidable and unfair health inequalities
 - ▶ Vertical: lack of preferential treatment for those in greater need
 - ▶ Horizontal: treatment variation for those with equal need

More Definitions

- **Quality of care:** The degree to which health services for individuals and populations increase the likelihood of desired health outcomes and are consistent with current professional knowledge. (IOM 1996)
- **Surveillance:** The ongoing, systematic collection, analysis, interpretation, and dissemination of data regarding a health-related event for use in public health action to reduce morbidity and mortality and to improve health. (CDC 2001)

Two Issues of Focus

- **Surveillance of end of life care**
- **As considered in the light of various “vulnerable” populations**

Indicators and Quality Measurement

- **Health indicators are standardized measures by which to compare health status and health system performance and characteristics among different jurisdictions in Canada. (CIHI)**
- **Varying conceptual frameworks:**
 - ▶ **Donabedian: structure, process, outcomes**
 - ▶ **Logic Models: inputs, outputs and outcomes**
 - ▶ **Maxwell (and LuAnn Aday et al): effectiveness, efficiency, equity, acceptability, appropriateness, and accessibility**

Surveillance

- Can have multiple purposes
- Measure burden of disease (dying)
- Measure populations at risk
- Measure trends
- Measure structures, processes and outcomes
- Improve quality of care
- Reduce inequalities
- Support decision-making
- Facilitate resource allocation

To date

- **Focus has been on health services**
 - ▶ Receipt of palliative care, palliative radiation, home visits by family physicians, hospitalizations, emergency dept visits, home care, nursing homes
- **And “some” outcomes**
 - ▶ Location of death, time spent at home
- **And predictors of these by certain characteristics**
 - ▶ Age, sex, geography, tumor type, socioeconomic status, etc as measures of inequality

Desire to move on

- **Broaden health service use descriptors**
- **Add health outcomes (e.g. symptoms, satisfaction)**
- **Broaden definitions of “vulnerable” populations**
- **Move to inequity**
- **Beyond cancer**
- **Beyond adults**

Presenters' task

Using a particular theme area

- Consider what they'd like to have in surveillance capability in 2011
- Consider intermediate goals
- Consider what we could do now
- Consider what a sustainable surveillance report would require

Presenters' Topics:

Current Activities for Inclusion and Discussion

- **Equity measures**
- **Vulnerable populations**
- **National surveillance**
- **CHPCA**
- **Accreditation**
- **Quality Indicators in Breast Cancer**
- **Primary Care**
- **Beyond cancer**