

## Additional Material

**eTable 1: Data sources and methods used for costing health-related resources**

Category	Source for resource use	Source for costs
<b>Hospitalization</b>	CIHI Discharge Abstract database[1]	Resource Intensity Weight (RIW) methodology[2] using CIHI Discharge Abstract database
<b>Chemotherapy</b>	NDFP database[3]	Cost per case from NDFP database
	Other outpatient chemotherapies: Pre-2003 OHIP database[4] (codes G281, G381, G339, G345 or G359); Post-2003 NACRS database (code for “main problem” of Z51·1)	Post-2003 average cost per visit: RIW methodology using NACRS database[5]. Average then applied to all chemo visits pre-2003.
<b>Physician Services*</b>	OHIP database	OHIP billing claims
<b>Emergency Room visits / Same Day Surgery or procedure</b>	Pre-2002 ER visits: OHIP database Pre-2002 Same Day Surgery: CIHI Discharge Abstract database Post-2002 ER and Same Day Surgery: NACRS database	Post-2002 average cost per visit: RIW methodology using NACRS database. Average then applied to all visits pre-2002.
<b>Prescription drugs**</b>	Ontario Drug Benefit Plan (ODB)[6]	ODB prescription records
<b>Radiation treatment</b>	NHPIP codes and number of minutes for the procedure from the Activity Level Reporting database	Cost per visit: Estimated unit cost/minute from Earle et al.'s [7] inflated to 2009 dollar (\$11·92) multiplied by the NHPIP unit for each patient
<b>Complex Continuing Care***</b>	Mean weighted-days: Continuing Care Reporting System (case-mix index multiplied by duration between events)	Cost per weighed-day from Hospital e-scorecard[8] inflated to 2009 dollar (\$459·10)
<b>Home care services****</b>	Ontario Home Care Administrative System & Home Care Database	Community Care Access Centre[9] database

\* Physician Services include inpatient and outpatient laboratory / imaging services

\*\* ODB covers prescription drug utilization of elderly and low income patients

\*\*\*Complex Continuing Care includes long term medical care, geriatric assessment, rehabilitation, psychogeriatric, palliative and respite care

\*\*\*\*Home care services include visiting professionals, personal, homemaking and community support

CIHI = The Canadian Institute for Health Information; NDFP = New Drug Funding Program; OHIP = Ontario Health Insurance Plan; NACRS = National Ambulatory Care Reporting Service; NHPIP = National Health Productivity Improvement Program

**eTable 2: Ontario Cancer Databases & Registered Persons Database**

Database	Description
<b>Ontario Cancer Registry (OCR)[10-12]</b>	Contains all cancer diagnoses in Ontario
<b>New Drug Funding Program database (NDFP)[3]</b>	Describes the use of intravenous cancer drugs
<b>Activity Level Reporting System (ALR)</b>	Describes chemotherapy and radiation therapy administered in 41 cancer centres and related general hospitals, capturing approximately 60% of the chemotherapy and 100% of the radiation therapy administered in Ontario
<b>Registered Persons Database (RPDB)</b>	Describes patients' demographics and vital statuses

### **Web References**

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