

INCIDENCE, MORTALITY, SURVIVAL AND PREVALENCE

Cancer in First Nations People in Ontario

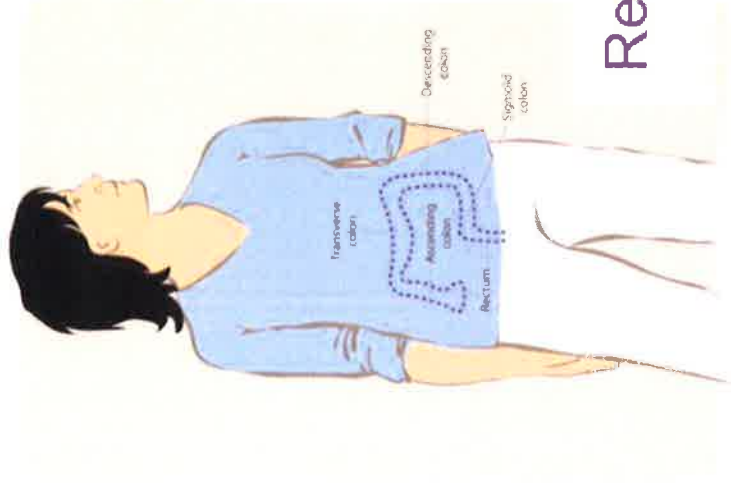


Ontario
Cancer Care Ontario

Hope

-Chief R. Stacey Laforme

What is colorectal cancer?



From Robert's cancer story

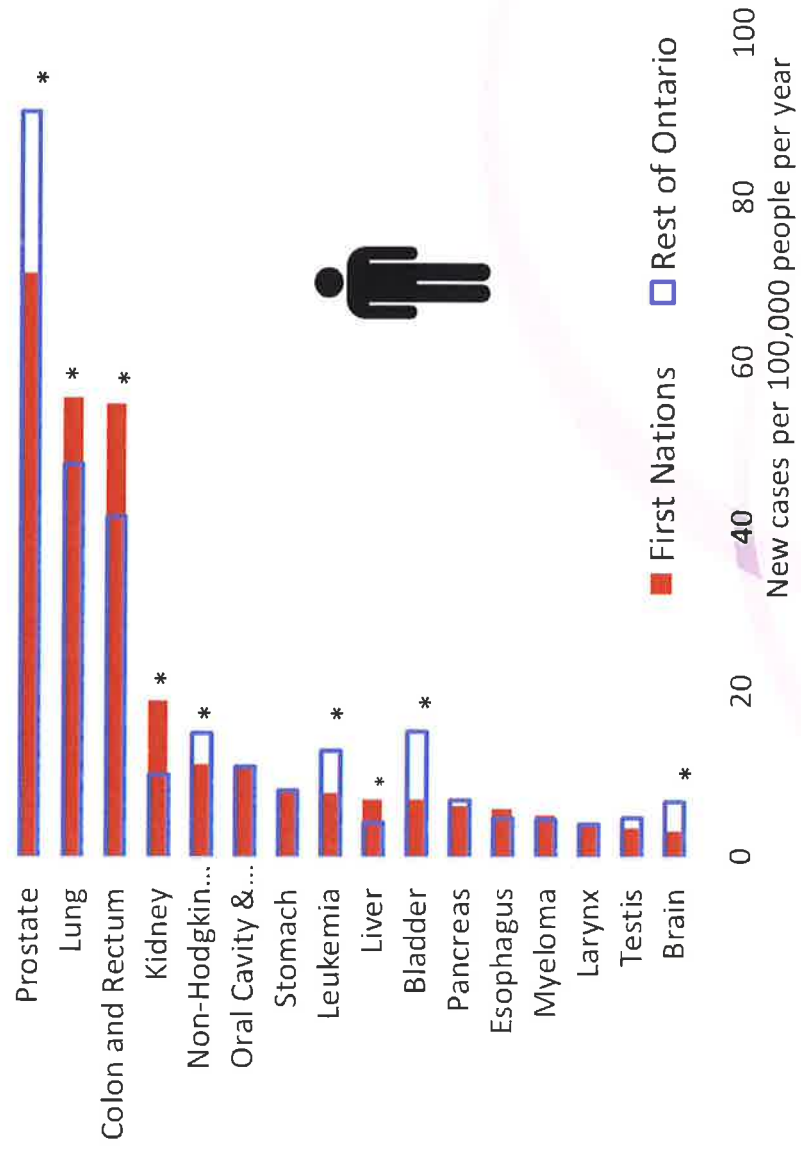
"All said and done, I was very lucky my body healed quickly and I was home after 5 days."

Equity and the social determinants of Indigenous health

Reducing the cancer burden: Travelling the road to hope



Lung, colon/rectum, kidney and liver cancer higher in First Nation males



First Nations vs. Ontario

HIGHER

- Lung, colon/rectum, kidney and liver

LOWER

- Prostate, non-Hodgkin lymphoma, leukemia, bladder and brain



*First Nations estimate is significantly different from rest of Ontario
 Note: Estimates are age-standardized to World Standard Population



Breast, uterus, thyroid and brain cancer types lower in First Nation females

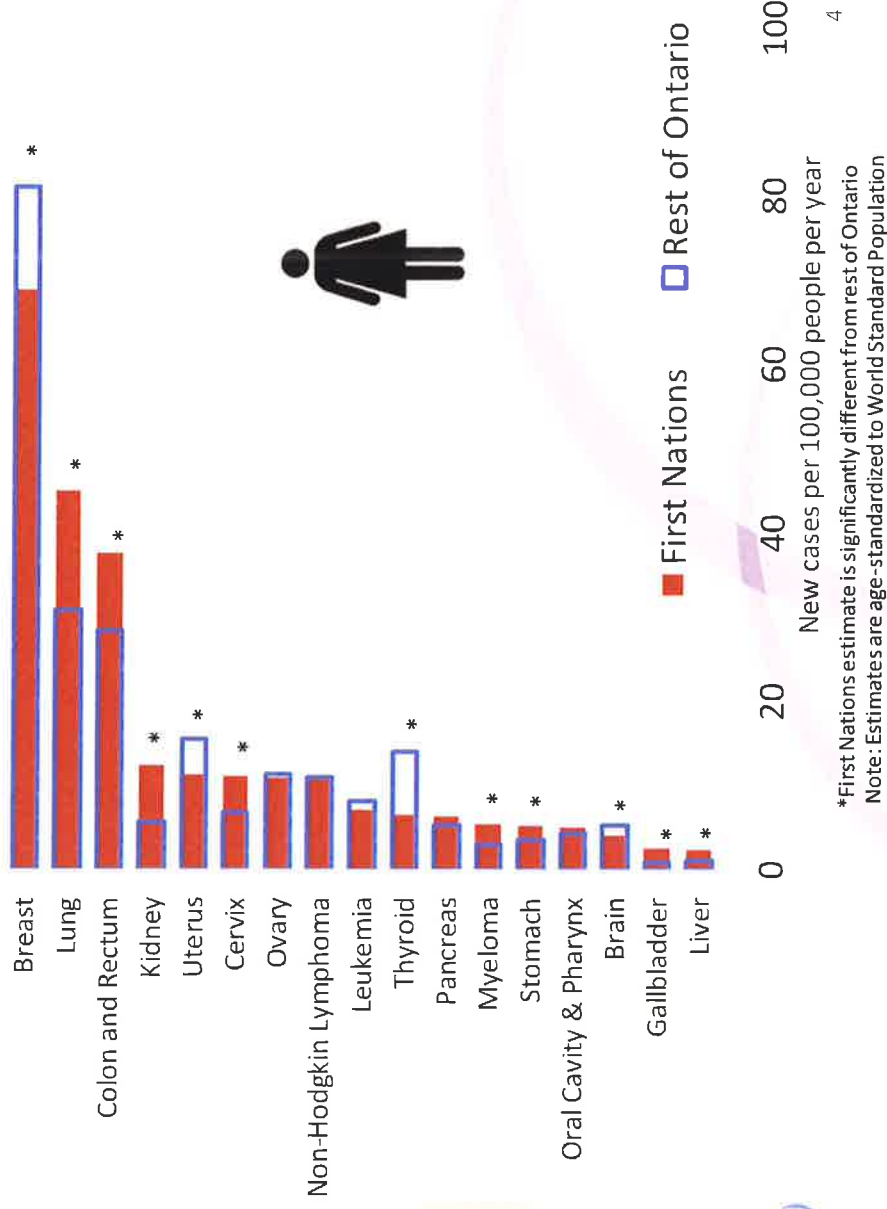
First Nations vs. Ontario



- Lung, colon/rectum, kidney, cervix, stomach, myeloma, gallbladder and liver



- Breast, uterus, thyroid and brain

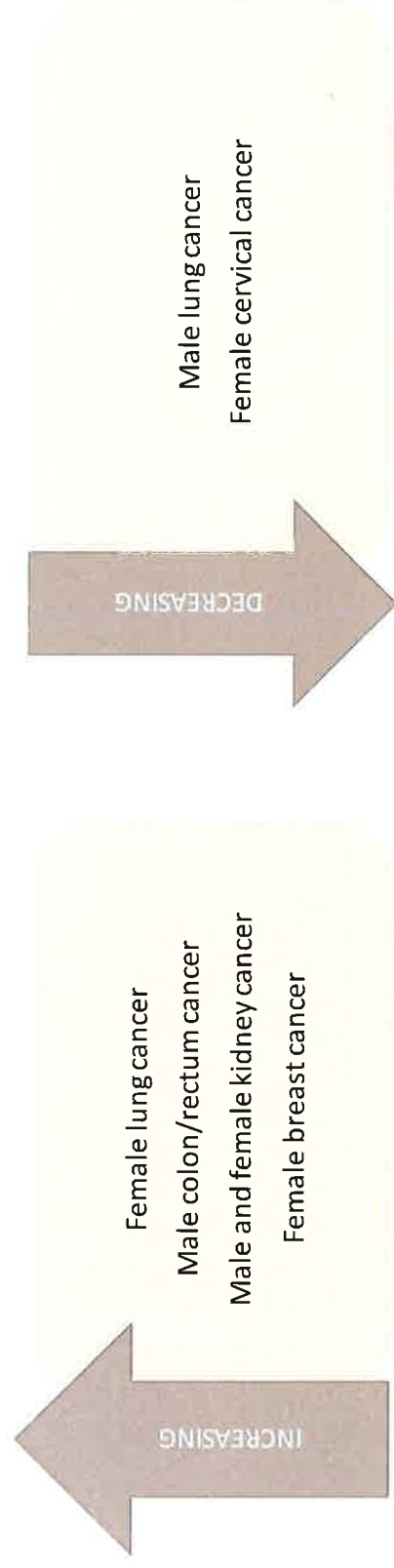


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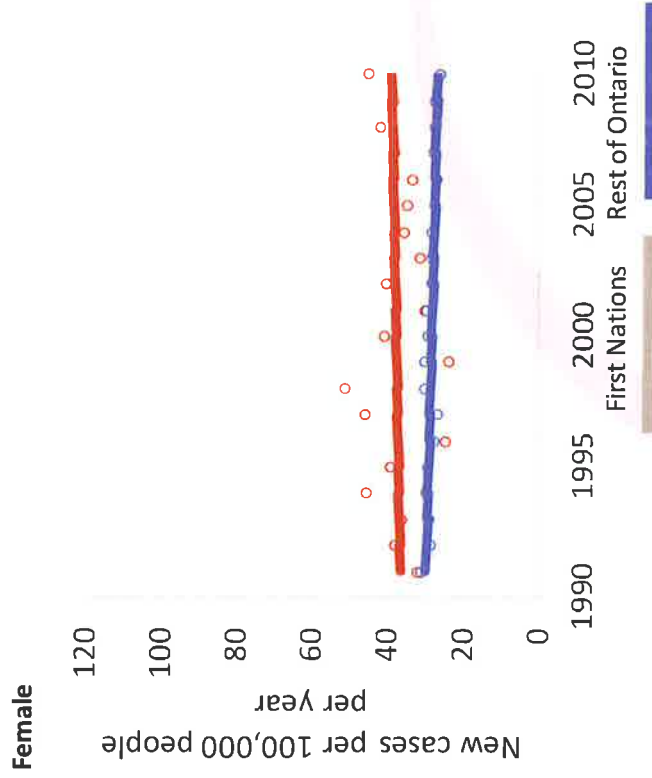
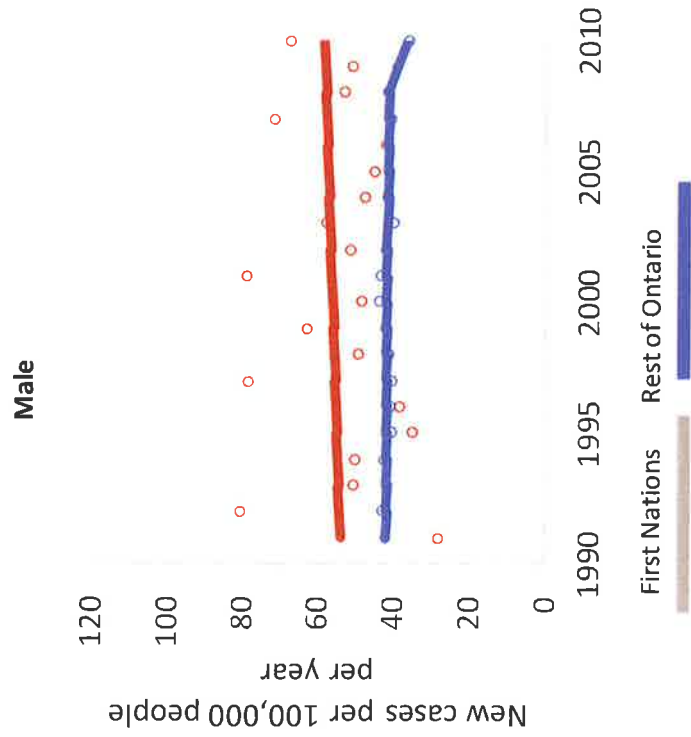
Which cancers are increasing or decreasing over time?

Increasing or decreasing First Nations cancer rates between 1991 and 2010





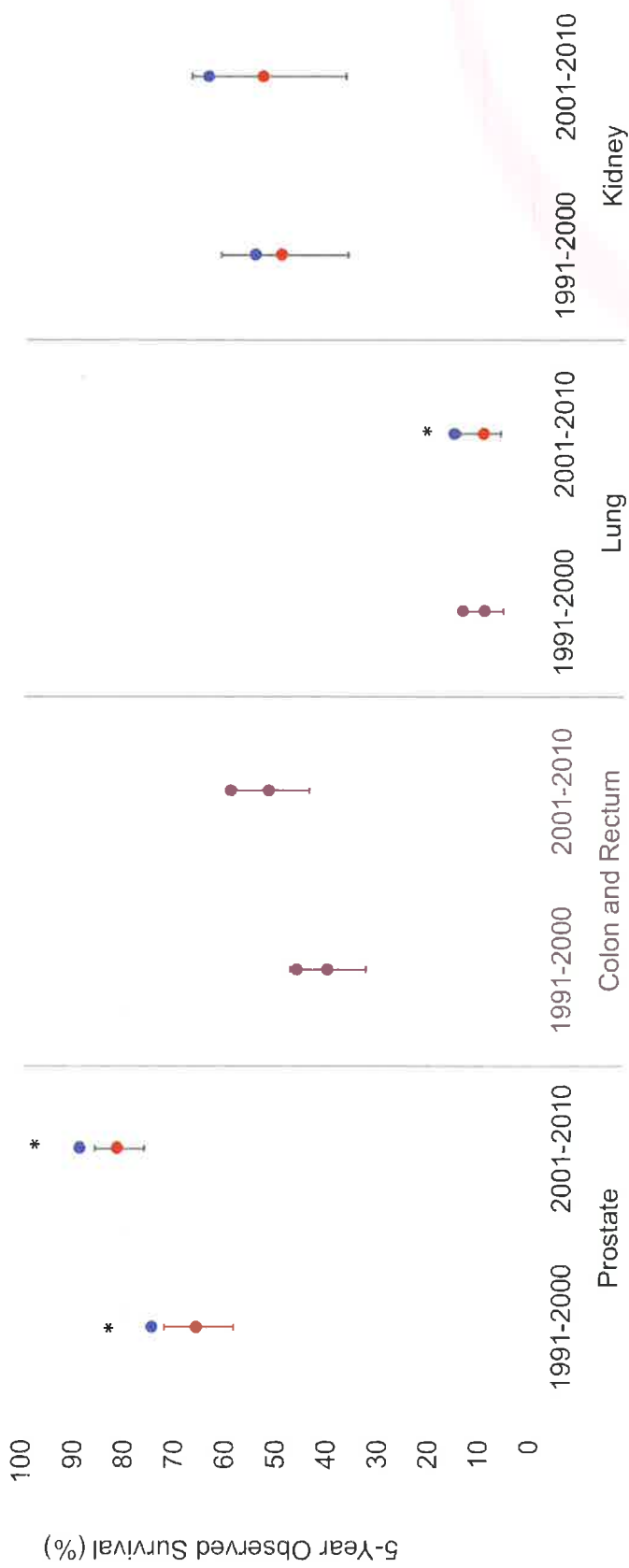
Colon/rectum cancer rates over time



Note: Estimates are age-standardized to World Standard Population



Improved 5-year survival for prostate cancer in First Nation males

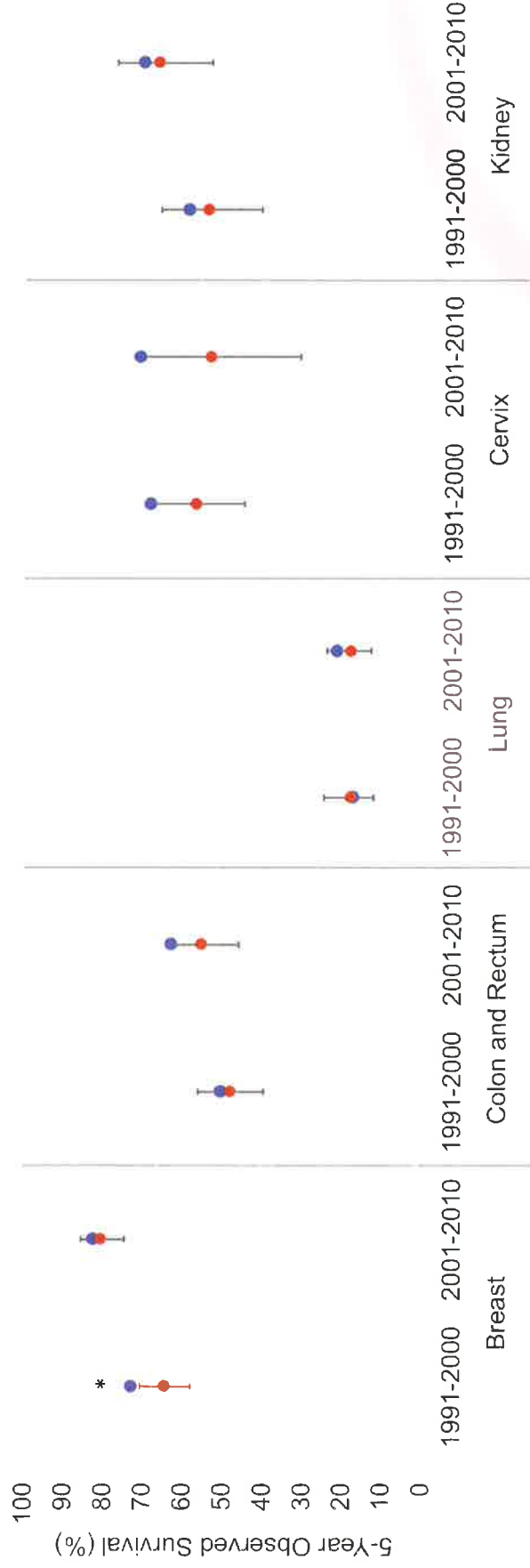


● First Nations ● Rest of Ontario

*First Nations estimate is significantly different from rest of Ontario
Note: Estimates are age-standardized to International Cancer Survival Standards



Improved 5-year survival for breast cancer in First Nation females



● First Nations ● Rest of Ontario

*First Nations estimate is significantly different from rest of Ontario
 Note: Estimates are age-standardized to International Cancer Survival Standards

Emerging Projects – Research, Surveillance, and Evaluation

IDENTIFY, ACCESS, AND ANALYZE SURVEILLANCE DATA

- **Cancer in First Nations People in Ontario: Incidence, Mortality, Survival and Prevalence** (Provincial First Nations data - Launched in Winter 2018)
- **Catching cancers early? How well do Ontario's organized screening programs perform for First Nations and Métis persons?** (Provincial First Nations and Métis data – Grant funded)
- **Exploration of the Internal CCO Activity Level Reporting for Indigenous Navigators** (Provincial FNIM data – In progress)
- **Link, monitor, strategize: First Nations, Inuit, Métis peoples' cancer burden in Canada** (National FNIM data - Grant funded)
- **Ontario Health Study** (Provincial FNIM data – Pending approvals and access)

SUPPORT COMMUNITIES IN UNDERSTANDING AND ACTING ON IMPLICATIONS OF RESEARCH IN TERMS OF POLICY AND PROGRAM DEVELOPMENT

- **Indigenous knowledge, western research, and cancer statistics: Braiding information together to understand a community's cancer journey**(Community project –Grant funded - In progress)
- **Conduct a Impact Assessment to assess change since the 2002 Needs Assessment** (Provincial data – Early stages)
- **Create infographics to support risk factor reports** (For FNIM separately)
- **Offer grant writing sessions for Indigenous youth**

DEVELOP DATA TO ADDRESS RELEVANT RESEARCH QUESTIONS

- **Big Data – Local Impact – Healthy Lives: Building a Canadian Indigenous and African Health Informatics Research and Innovation Platform** (Community project –Grant funded – In progress)
- **Taking steps together: Inuit led approaches to addressing cancer** (Provincial Inuit project – Grant funded – In progress)
- **Factors associated with colorectal cancer risk among self-identified First Nations participants in the Ontario Familial Colorectal Cancer Registry** (Provincial cohort of First Nations people - Analyses have begun)
- **Describe the responses of youth who participated in the Indigenous Tobacco Program – Youth respondents' data** (Provincial FNIM youth sample - Analyses have begun)
- **Re-examine the First Nations Breast Cancer Study data {formally ABC study} –** (Provincial sample of First Nations women - Pending approvals and access)

ENHANCE RESEARCH CAPACITY AT CCO

- **Evaluate the Indigenous Relationship and Cultural Safety courses {ARCC} with practicing Health Canada nurses and Medical School students** (Grant funded – In progress)
- **Improving Indigenous cultural safety in Ontario's cancer screening programs** (Provincial FNIM – Grant funded in January 2019)
- **Shared Decision Making** (Inuit focused to date – Grant funded – In progress)

Thank you!

Please don't hesitate to contact me.

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