Outline

- Canadian Cancer Registry
- Canadian Cancer Statistics Publication
- Special Report: Cancer Incidence by Stage in Canada
- Data Coverage and Analyses
- Key Findings
- Next Steps
Canadian Cancer Registry (CCR)

• Dynamic, person-oriented administrative database.

• Data collected by Provincial and Territorial Cancer Registries and provided to Statistics Canada.

• Standardised source of information on Canadians diagnosed with cancer including:
  • Cancer type
  • Method of diagnosis
  • Number of tumours
  • Stage
  • Basic demographic information
Canadian Cancer Statistics Publication

Current and previous issues available at: www.cancer.ca/statistics
Cancer Incidence by Stage in Canada

Led by Canadian Cancer Statistics Advisory Committee’s Working Group on Cancer Staging:
- James Brierley (Princess Margaret Cancer Centre)
- Shirley Bryan (Statistics Canada)
- Mary Gospodarowicz (Princess Margaret Cancer Centre)
- Gina Lockwood (Canadian Partnership Against Cancer)
- Leah Smith (Canadian Cancer Society)
- Hannah K. Weir (Centers for Disease Control and Prevention)
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- Geoff Porter (Dalhousie University)
Data Coverage

- Since 2010 diagnosis year, data on collaborative stage (CS) collected
- Staged according to AJCC 7th Edition.
- At least 90% of cases staged (2011 to 2015)

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*does not include brain/CNS, leukemia or multiple myeloma
Québec excluded from the analysis
Analyses

• **Focus on 5 cancers**
  • Lung, colorectal, female breast, prostate and cervical cancer
  • Percent in each stage by sex, geography, age group
  • Age standardized incidence rates in each stage by geography
  • Ages 18-79, territories were combined, excludes Québec, 2011 to 2015 data combined

• **15 other cancers**
  • Percent distribution and age standardized rate by stage at diagnosis-geography
Lung Cancer

Data source: CCR 2011—2014 combined

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Colorectal Cancer

Data source: CCR 2011—2014 combined

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Female Breast Cancer

• Over 80% of female breast cancer was detected early, in Stages I and II.

• Five-year net survival is relatively high at 87%.

• Organized screening for females 50-74 years.

Data source: CCR 2011—2014 combined
Prostate Cancer

- 3 in 4 prostate cases were identified in stages I or II.
- Five-year net survival for prostate cancer is among the highest of all cancers at 95%.
- Distribution of stage varied by age: 6.8% (18-59) to 37.1% (90+) for stage IV.

Data source: CCR 2011—2014 combined

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Cervical Cancer

Data source: CCR 2011—2014 combined

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Other Cancers

Data source: CCR 2011—2014 combined

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Next Steps

- Monitor stage distribution and stage specific incidence rates over time to assess the impact of various screening programs
- Using linked data estimate:
  - Stage specific survival rates
  - Stage specific incidence rates by socioeconomic and sociodemographic factors
THANK YOU!

Available June 13, 2018 (at 3:01 am ET)

To download, please visit
www.cancer.ca/statistics

www.statcan.gc.ca

#StatCan100