CANADA

Cancer Country Profile 2020

BURDEN OF CANCER

Total population (2019)

37,411,038

Total # cancer cases (2018)	Total # cancer deaths (2018)
249,077	81,378

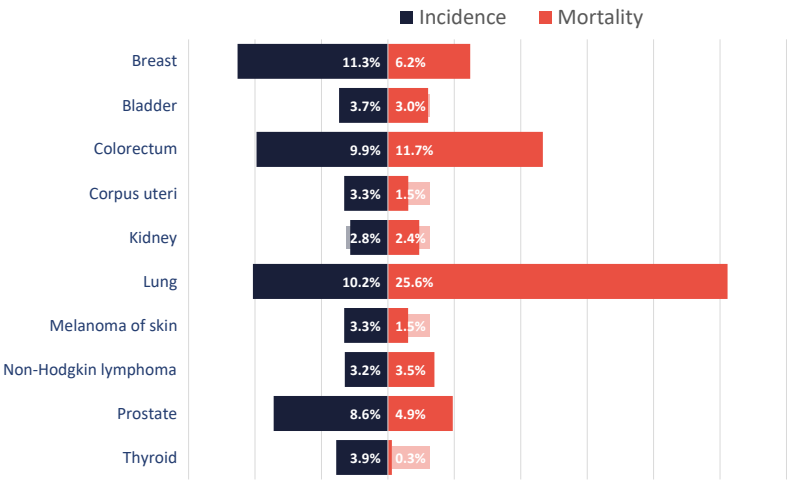
Premature deaths from NCDs (2016)

58,329

Cancer as % of NCD premature deaths (2016)

49.8%

Most common cancer cases (2018)



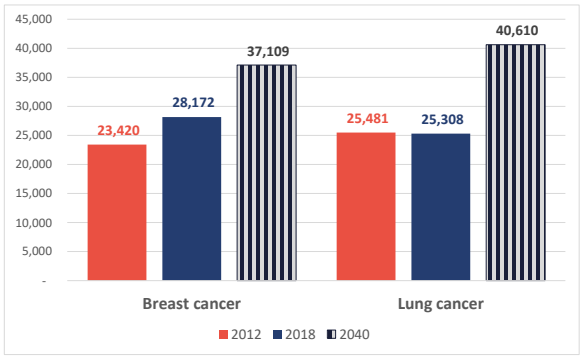
PAFs (population attributable fractions)

Tobacco (2017)[a]	Alcohol (2016)[a]	Infections (2012)[b]	Obesity (2012)[b]	UV (2012)[c]	Occupational risk (2017)[a]
29.0%	7.2%	3.9%	5.8%	85.4%	7.3%

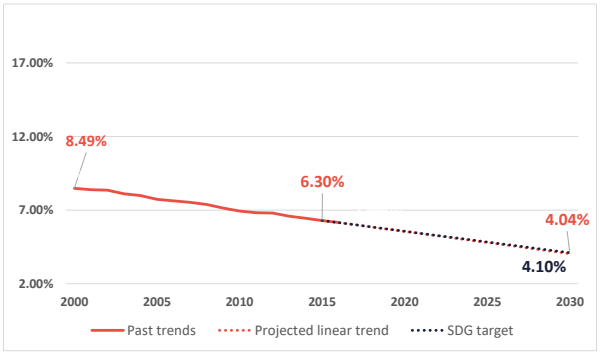
[a] *PAF, cancer deaths* [b] *PAF, cancer cases* [c] *PAF, melanoma cases*

TRENDS

Estimated past and future trends in total cases per year (breast and lung)



Probability of premature death from cancer per year

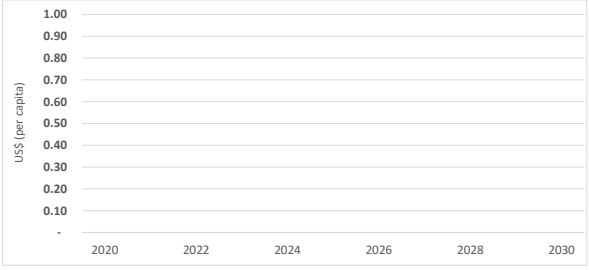


INVESTMENT CASE (2019)

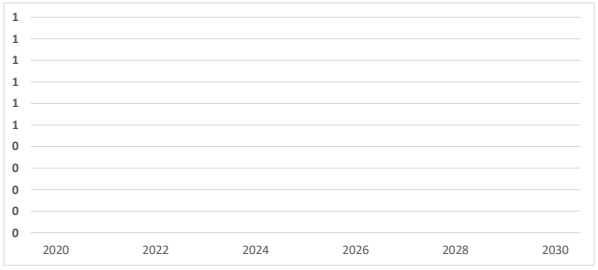
**High income*

At this income level, investing in a package of essential services and scaling-up coverage will:

Costs per year



Projected lives saved per year



World Health Organization

CANADA

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HEALTH SYSTEM CAPACITY

[a] *per 10,000 cancer patients*

Availability of population-based cancer registry (PBCR)**	2019	High quality PBCR
Quality of mortality registration***	2007-2016	High
# of external beam radiotherapy (photon,electron)[a]	2019	11.4
# of mammographs[a]	2020	27.0
# of CT scanners[a]	2020	22.5
# of MRI scanners[a]	2020	14.7
# of PET or PET/CT scanners[a]	2020	2.2

WORKFORCE

[a] *per 10,000 cancer patients*

Available staff in Ministry of Health who dedicates significant proportion of their time to cancer	2019	yes
# of radiation oncologist[a]	2019	n/a
# of medical physicist[a]	2019	29.1
# of surgeons[a]	2013	300.7
# of radiologist[a]	2019	94.4
# of nuclear medicine physician[a]	2019	10.9
# of medical & pathology lab scientists[a]	2009	n/a

FORMULATING RESPONSE

Integrated NCD plan	2019	operational
NCCP (including cancer types)	2019	operational
MPOWER measures fully implemented and achieved	2018	3
Cancer management guidelines	2019	yes
Palliative care included in their operational, integrated NCD plan	2019	yes
# of treatment services (surgery, radiotherapy, chemotherapy)	2019	3
Breast cancer screening program	2019	yes
Breast cancer screening program: Starting age, target population	2019	50

# Public cancer centres per 10,000 cancer patients	2019	1.9
Early detection programme/ guidelines for 4 cancers (breast, cervix, colon, childhood)	2019	4 cancer(s)
Pathology services	2019	generally available
Bone marrow transplantation capacity	2019	generally available
Palliative care availability: community/home-based care	2019	generally available
Availability of opioids* for pain management	2015-2017	19925

**Defined daily doses for statistical purposes (S-DDD) per million inhabitants per day*

GLOBAL INITIATIVES

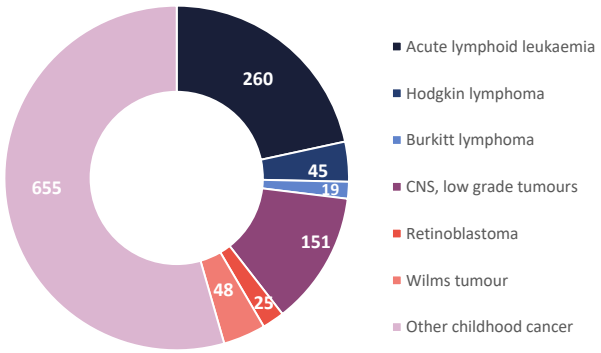
Elimination of Cervical Cancer

HPV vaccination programme coverage	2018	83
Cervical cancer screening	2019	yes
Screening programme type	2019	organised
Screening programme method	2019	PAP smear
Screening participation rates	2019	70% or more
Early detection programme/guidelines	2019	yes
Defined referral system	2019	yes

Global Initiative for Childhood Cancer

Annual cancer cases (0-14 years old)	2020	1203
Early detection programme/guidelines	2019	yes
Defined referral system	2019	yes

Annual cancer cases (0-14 years old)



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